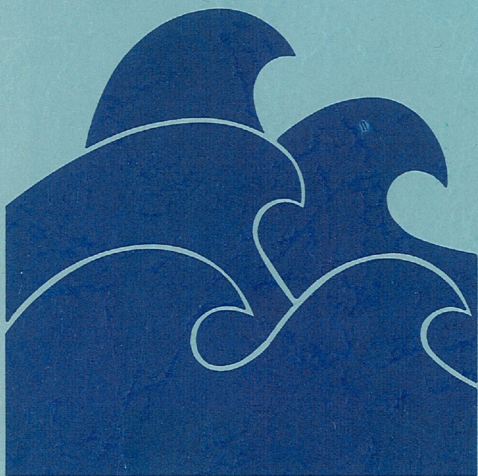


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Report 269

*OCCURRENCE, AVAILABILITY, AND  
CHEMICAL QUALITY OF GROUND  
WATER IN THE CRETACEOUS  
AQUIFERS OF NORTH-CENTRAL TEXAS*

Volume 2



TEXAS DEPARTMENT OF WATER RESOURCES

July 1982





**TEXAS DEPARTMENT OF WATER RESOURCES**

**REPORT 269**

**OCCURRENCE, AVAILABILITY, AND CHEMICAL QUALITY  
OF GROUND WATER IN THE CRETACEOUS AQUIFERS OF  
NORTH-CENTRAL TEXAS  
VOLUME 2**

Records of Wells; Oil and Gas Tests; Water Levels in Wells;  
Chemical Analyses of Water; and Well Location Maps

By

Phillip L. Nordstrom, Geologist

July 1982



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**OCCURRENCE, AVAILABILITY, AND CHEMICAL QUALITY  
OF GROUND WATER IN THE CRETACEOUS AQUIFERS  
OF NORTH-CENTRAL TEXAS**

**VOLUME 2**

**INTRODUCTION**

This report is prepared in two volumes. Volume 1 contains interpretive information on the ground-water resources of the Cretaceous aquifers in north-central Texas presented as text and related illustrations and tables. Volume 2 contains supporting basic data including well location maps, records of 3,014 water

wells, records of water levels in 357 wells, and 2,747 chemical analyses of water samples from 1,706 wells. Also used in the study were drillers' logs of approximately 1,900 wells which are available for reference in the files of the Texas Department of Water Resources. A full explanation of the well-numbering system used herein may be found in the first volume.



COLLIN COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.  
 Water level : Reported water levels given in feet; measured water levels given to the nearest tenth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; E, electric; G, gasoline, butane, or diesel engine; H, Hand; J, Jet; N, none;  
 S, submersible; T, turbine, W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Kca, Antlers Formation; Kcgr, Glen Rose Formation; Kcpa, Paluxy Formation; Kctm, Twin Mountains Formation;  
 Kga, Austin Group; Kgt, Taylor Group; Kgw, Woodbine Group.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*DT-18-42-301	Gunter Water Supply Corporation	Lanford Drilling Co.	1972	2,180	8 7	992 2,180	Kca	780	315	Jan. 20, 1972	S, E 40	P	Cemented to 2,060 ft. Screened from 2,060-2,180 ft. Gravel packed. Drawdown 134 ft pumping 175 gal/min when drilled. <u>1 2 3</u>
* 601	City of Celina	R. H. Dearing and Sons	1925	1,541	8 6	1,321 1,501	Kcpa	693	130 250	Mar. 1928 July 15, 1972	S, E 15	P	Perforated from 1,370-1,462 and 1,483-1,501 ft. Pump set at 422 ft. Reported yield 125 gal/min. Pumping level 280 ft on July 15, 1972. <u>1 2 3</u>
* 602	do	J. L. Myers Sons	1927	700	8 6 5 4	40 492 614 700	Kgw	693	170 183.7 235	Mar. 1928 Feb. 18, 1943 1956	T, E 15	P	Perforated from 494-512; 562-572; 592-612; and 624-700 ft. Pump set at 400 ft. Reported yield 110 gal/min in 1956. <u>1 2 3</u>
* 603	Wallace McKinney	do	1970	771	5	771	Kgw	780	359.8 340.1	Sept. 29, 1970 Nov. 19, 1976	S, E 3	D	Cemented to 771 ft. Gun perforated from 621-628; 647-654; and 679-688 ft. Pump set at 616 ft. Drawdown 42 ft pumping 10 gal/min when drilled. <u>1 2 3</u>
* 604	City of Celina	do	1967	2,543	8	2,439	Kctm	693	290.0 392.0	Aug. 1967 Dec. 22, 1975	T, E 50	P	Cemented to 2300 ft. Gun perforated from 2,044-2,050; 2,054-2,058; 2,062-2,088; and 2,154-2,184 ft. Pump set at 570 ft. Reported yield 200 gal/min when drilled. <u>1 2 3</u>
* 43-203	City of Weston	--	1950	714	5	--	Kgw	753	200.0	Feb. 15, 1977	N	N	--
* 204	Weston Water Supply Corporation	J. L. Myers Sons	1963	1,216	7 3	1,134 1,212	Kgw	750	325 335.9 336.0	May 1963 Nov. 19, 1975 Feb. 14, 1977	S, E 15	P	Cemented to 1,134 ft. Screened from 1,142-1,185 ft. Underreamed. Gravel packed. Pump set at 495 ft. <u>1 2 3</u>
* 44-201	City of Anna	Dal-Tex Drilling Co.	1947	1,470	7 5	1,409 1,470	Kgw	710	131.7	Mar. 10, 1977	S, E 20	P	Cemented to 1,409 ft. Slotted from 1,409-1,470 ft. Pump set at 750 ft. Reported yield 50 gal/min. <u>1 2 3</u>
* 202	do	J. L. Myers Co.	1976	1,559	10 5	1,300 1,557	Kgw	713	499.0 485.0	Apr. 6, 1976 Feb. 10, 1977	S, E 50	P	Cemented to 1,300 ft. Screened from 1,300-1,328; 1,335-1,365; 1,430-1,456; and 1,496-1,526 ft. Underreamed. Gravel packed. Pump set at 750 ft. Reported yield 175 gal/min. Drawdown 138 ft pumping 150 gal/min when drilled. <u>1 2 3</u>
* 203	do	--	1911	1,065	6	--	Kgw	710	148.7	Mar. 21, 1943	N	N	Reported yield 50 gal/min. Plugged.
* 601	Meat Producers Inc.	J. L. Myers Sons	1969	1,783	8 4	1,595 1,772	Kgw	670	368.0 348.0	Sept. 29, 1970 Nov. 19, 1976	T, E 40	Irr	Cemented to 1,595 ft. Screened from 1,595-1,760 ft. Gravel packed. Pump set at 550 ft. Measured yield 170 gal/min on Aug. 7, 1976. Temp. 86°F. <u>1 2 3</u>
* 702	Crump's Gardens, Inc.	do	1964	1,136	4	1,136	Kgw	610	304.5 321.2	Apr. 28, 1971 Nov. 21, 1975	S, E 2	Ind	Cemented to 1,136 ft. Gun perforated from 1,102-1,112 ft. Pump set 447 ft. <u>1 2 3</u>
* 801	City of Melissa	do	1954	1,563	7 6	1,310 1,366	Kgw	675	340	July 1954	T, E 15	P	Cemented to 1,310 ft. Screened from 1,308-1,358 ft. Gravel packed. Pump set at 500 ft. Reported yield 100 gal/min. Temp. 90°F. Deepened in 1962 from 1,366 ft.
* 802	do	--	1911	1,462	4	--	Kgw	675	146	Feb. 22, 1940	N	N	Reported yield 30 gal/min in 1943.

See footnotes at end of table.

COLLIN COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*DT-18-44-902	Meat Producers, Inc.	Layne-Texas Co.	1968	1,753	8 4	1,592 1,730	Kgw	675	410.0 417.0	Mar. 8, 1977 Nov. 18, 1977	T, E 40	Ind	Cemented to 1,590 ft. Screened from 1,600-1,670 and 1,675-1,730 ft. Underreamed. Gravel packed. Pump set at 550 ft. <u>Y Z</u>
* 45-101	Westminster Water Supply Corporation	J. L. Myers Sons	1962	1,509	7 3	1,457 1,509	Kgw	690	400 526.0	Nov. 1962 Mar. 9, 1977	S, E 20	P	Cemented to 1,457 ft. Screened from 1,457-1,499 ft. Gravel packed. Pump set at 655 ft. <u>Y Z</u>
* 603	City of Blue Ridge	Layne-Texas Co.	1939	1,853	6 5	1,767 1,853	Kgw	610	149 163.3 349.8 385.3	Feb. 9, 1939 Mar. 12, 1942 Apr. 23, 1971 Nov. 19, 1976	S, E 25	P	Slotted from 1,788-1,853 ft. Measured yield 135 gal/min in 1971. Pumping level 445.0 ft on June 29, 1965, 460.0 on Aug. 6, 1970; and 482.0 on Apr. 18, 1972. <u>Y Z</u>
* 604	do	J. L. Myers Sons	1975	1,900	8 4	1,760 1,900	Kgw	610	390.0 412.0	Feb. 22, 1975 Mar. 9, 1977	S, E 40	P	Cemented to 1,760 ft. Screened from 1,760-1,878 ft. Underreamed. Gravel packed. Pump set at 712 ft. Drawdown 27 ft pumping 150 gal/min when drilled. Temp. 86°F. <u>Y Z</u>
* 801	Verona Water Supply Corporation	do	1965	1,900	7 3	1,745 1,900	Kgw	602	320	Sept. 1965	S, E 20	P	Cemented to 1,745 ft. Screened from 1,745-1,776; 1,791-1,822; and 1,836-1,857 ft. Underreamed. Gravel packed. Pump set at 520 ft. Drawdown 60 ft pumping 110 gal/min when drilled. Temp. 86°F. <u>Y Z</u>
* 46-401	J. E. McGuffey	--	1908	25	30	26	Kgt	595	5.5 4.8	Apr. 23, 1971 Apr. 19, 1976	N	N	--
* 402	Frognot Water Supply Corporation	J. L. Myers Sons	1966	2,032	7 3	1,932 2,023	Kgw	600	343.0 350.0 410.0	Oct. 27, 1966 June 15, 1975 Oct. 27, 1976	S, E 30	P	Cemented to 1,932 ft. Screened from 1,932-1,974 and 1,980-2,000 ft. Underreamed. Gravel packed. Pumping level 378 ft on Oct. 27, 1966 and 460.0 ft on June 15, 1975. <u>Y Z</u>
* 50-201	City of Prosper	do	1942	619	7 --	580 619	Kgw	752	270	Apr. 10, 1942	T, E 25	P	Cemented to 580 ft. Screened from 580-619 ft. Reported yield 85 gal/min in 1973. Drawdown 10 ft pumping 30 gal/min when drilled. <u>Y</u>
* 202	Mahard Egg Farm	do	1969	640	5	640	Kgw	620	222.3 229.5	Oct. 6, 1970 Nov. 22, 1976	S, E 1 1/2	Ind	<u>Y Z</u>
* 203	City of Prosper	--	1904	640	--	--	Kgw	752	200	1939	N	N	Plugged.
* 204	do	--	1904	634	--	--	Kgw	752	200	1939	N	N	Pumping level 340 ft on Mar. 30, 1940. Plugged.
* 301	David Dodson	R. D. Caraway and Sons	1976	958	7 3	906 958	Kgw	782	500 460.0	June 21, 1976 Feb. 14, 1977	S, E 20	P	Cemented to 906 ft. Screened from 916-946 ft. Gravel packed. Pump set at 685 ft. Drawdown 10 ft pumping 73 gal/min when drilled. <u>Y Z</u>
* 501	Texas Power and Light Co.	Layne-Texas Co.	1953	2,694	20 13 9	1,119 2,260 2,525	Kctm	630	176.0 397.0 426.0	Sept. 18, 1953 Nov. 14, 1972 Nov. 22, 1976	T, E 500	Ind	Cemented to 1,119 ft. Screened from 2,266-2,515 ft. Pump set at 620 ft. Drawdown 171 ft pumping 1,940 gal/min when drilled. Temp. 93°F. <u>Y Z Z</u>
* 502	do	do	1954	2,662	20 13 9	-- -- 2,662	Kctm	706	269 479.0	Mar. 19, 1954 Mar. 14, 1973	T, E 500	Ind	Screened from 2,378-2,640 ft. Underreamed. Pump set at 646 ft. Drawdown 151 ft pumping 1,845 gal/min when drilled. Pumping level 400 ft on Oct. 23, 1956. Temp. 99°F. <u>Y Z</u>
* 503	do	do	1954	2,230	13 8	1,870 2,225	Kegr	650	142 137.0	Nov. 23, 1954 Jan. 3, 1955	N	Ind	Screened at 7 intervals from 1,875-2,219 ft. Underreamed. Gravel packed. Drawdown 335 ft at 300 gal/min when drilled. Pumping level 476 ft at 305 gal/min on Jan. 3, 1955 and 496 ft at 200 gal/min on July 31, 1963. Reworked in 1963. Temp. 96°F. Disposal well #1. <u>Y Z</u>

See footnotes at end of table.



## COLLIN COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*DT-18-50-504	Texas Power and Light Co.	Layne-Texas Co.	1973	1,710	10 6	1,323 1,710	Kcpa	640	325	July 25, 1973	T, E 75	Ind	Cemented to 1,323 ft. Screened from 1,333-1,378; 1,393-1,418; 1,460-1,524; 1,542-1,567; 1,590-1,600; and 1,612-1,652 ft. Underreamed. Gravel packed. Pump set at 664 ft. Measured yield 260 gal/min on Mar. 18, 1976. Drawdown 238 ft pumping 238 gal/min when drilled. Pumping level 480.0 ft on Mar. 18, 1976. <u>Y Z</u>
* 802	City of Frisco	J. L. Myers Sons	1940	1,632	8 7 5	696 1,440 1,632	Kcpa	705	415.0 437.0	Aug. 21, 1973 Nov. 22, 1976	S, E 25	P	Perforated from 1,440-1,632 ft. Pump set at 605 ft. Measured yield 121 gal/min on Aug. 21, 1973. Temp. 84°F. <u>Y Z</u>
* 803	do	do	1950	2,796	8 7 5	696 1,440 2,796	Kcpa, Kctm	705	--	--	T, E 50	P	Cemented to 1,440 ft. Perforated opposite all water-bearing sands. Pump set at 630 ft. Measured yield 200 gal/min on Aug. 21, 1973. Pumping level 246 ft when drilled. Temp. 104°F. <u>Y Z</u>
* 804	do	do	1924	1,680	10	--	Kcpa	705	250	1924	N	N	Reported yield 75 gal/min in 1943.
* 805	do	do	1963	2,742	10 7 5	1,200 2,548 2,742	Kctm	737	442 509.0 562.0	Dec. 1963 Mar. 19, 1976 Mar. 10, 1977	T, E 50	P	Cemented to 2,548 ft. Screened from 2,548-2,742 ft. Pump set at 700 ft. Pumping level 590 ft at 330 gal/min on Oct. 22, 1974 and 530 ft on Aug. 13, 1965. Temp. 96°F. <u>Y Z</u>
* 901	Cloyce K. Box	C. M. Stoner Drilling Co.	1963	1,050	7	1,050	Kgw	790	475.7 481.1	Sept. 28, 1970 Nov. 21, 1975	S, E 7 1/2	D, S	Cemented to 1,013 ft. Slotted from 1,013-1,050 ft. Pump set at 590 ft. <u>Y Z</u>
* 51-301	City of McKinney	Layne-Texas Co.	1945	3,412	13 8 6	715 3,071 3,412	Kctm	662	130 192.0	Apr. 25, 1946 Feb. 24, 1954	T, E 125	N	Cemented to 3,071 ft. Slotted screen from 3,110-3,410 ft. Pumping level 242 ft at 868 gal/min on Apr. 25, 1946 and 262 ft at 690 gal/min on Oct. 22, 1952. <u>Y Z</u>
* 701	Gene Williams	J. L. Myers Sons	1969	1,104	5	1,103	Kgw	732	298.5 460.6	Sept. 28, 1970 Nov. 21, 1975	S, E 2	D	Cemented to 1,103 ft. Gun perforated from 1,060-1,074 ft. Pump set at 570 ft. <u>Y Z Z</u>
* 901	Stuckey's Inc.	do	1962	1,209	4 2	1,168 1,209	Kgw	680	381.1 403.6	Feb. 26, 1971 Nov. 22, 1976	S, E 2	Ind	Cemented to 1,168 ft. Screened from 1,166-1,205 ft. Gravel packed. Pump set at 507 ft. <u>Y Z</u>
* 902	D. E. Davidson	do	1967	1,415	4	1,414	Kgw	675	408.9 411.1	Sept. 28, 1970 Nov. 22, 1976	S, E 2	D, S	Cemented. Gun perforated from 1,214-1,218; 1,291-1,299; and 1,360-1,363 ft. <u>Y Z</u>
* 52-301	Altoga Water Supply Corporation	Lanford Drilling Co.	1965	1,577	7 3	1,480 1,577	Kgw	610	343.0 380.0	Sept. 29, 1970 Mar. 8, 1977	S, E 20	P	Cemented to 1,480 ft. Screened from 1,480-1,490 and 1,510-1,568 ft. Underreamed. Gravel packed. Pump set at 615 ft. Reported yield 70 gal/min. Pumping level 390 ft on Feb. 26, 1968 and 510 ft on July 30, 1974. <u>Y</u>
* 401	City of McKinney	Layne-Texas Co.	1937	3,242	13 8 6	617 2,617 3,242	Kctm	602	24 54.0 210.0	Dec. 15, 1939 Feb. 17, 1943 Mar. 3, 1977	T, E 100	N	Cemented to 3,022 ft. Perforated from 3,022-3,242 ft. Pump set at 410 ft. Flowed 36 gal/min in 1935. Deepened from 3,060 ft in 1937. Drawdown 406 ft pumping 650 gal/min on Dec. 15, 1939 and 295 ft pumping 620 gal/min on Feb. 17, 1943. Temp. 114°F. <u>Y</u>
* 402	do	do	1938	1,272	13 7	1,035 1,272	Kgw	608	255 264 227.0 245.0	Oct. 13, 1938 Nov. 7, 1942 July 16, 1953 Mar. 3, 1977	T, E 50	N	Cemented to 1,030 ft. Screened from 1,039-1,075; 1,192-1,224; and 1,244-1,265 ft. Underreamed. Gravel packed. Pump set at 510 ft. Drawdown 185 ft pumping 248 gal/min on Oct. 14, 1938; 86 ft pumping 275 gal/min on Nov. 7, 1942; and 146 ft pumping 305 gal/min on July 24, 1953. <u>Y</u>
* 403	McKinney Texas Co.	R. H. Dearing and Sons	1916	2,150	8 6	1,150 2,150	Kcpa	612	207	Apr. 1934	T, E 30	Ind	Reported yield 150 gal/min. Temp. 82°F. <u>Y</u>
* 601	City of Princeton	U.S. Dept. of Agriculture	1941	1,728	--	--	Kgw	580	257 272	1954 1957	T, E 15	N	--

See footnotes at end of table.

COLLIN COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
DT-18-52-801	J. W. Sparkman	J. L. Myers Sons	1970	1,231	5	1,231	Kgw	571	215	Mar. 1970	S, E 3	D	Perforated from 1,168-1,176 ft. Pump set at 425 ft. Reported yield 15 gal/min. <u>1</u> <u>2</u>
* 53-201	H. M. Fagala	--	1870	50	36	--	Kgt	560	20.8 20.2	Apr. 23, 1971 Nov. 19, 1976	J, E	Irr	<u>3</u>
* 58-201	City of Frisco	J. L. Myers Sons	1971	1,000	7 3	865 963	Kgw	733	400 405.0	1971 Mar. 18, 1976	S, E 20	P	Cemented to 865 ft. Screened from 865-896 and 928-953 ft. Underreamed. Gravel packed. Pump set at 610 ft. Reported yield 80 gal/min. <u>1</u> <u>2</u>
" 202	Lebanon Water Supply Corporation	do	1966	1,802	8 4	1,639 1,800	Kcpa	755	415 500.0 583.0	Sept. 1966 Mar. 21, 1974 Mar. 10, 1977	S, E 30	P	Cemented to 1,639 ft. Screened from 1,640-1,787 ft. Underreamed. Gravel packed. Pump set at 653 ft. Measured yield 150 gal/min on Mar. 21, 1974. Drawdown 75 ft pumping 150 gal/min when drilled. <u>2</u>
" 501	El Rancho Estates	do	1972	1,745	7 3	1,652 1,745	Kcpa	647	388	June 5, 1972	S, E 15	P	Cemented to 1,652 ft. Screened from 1,652-1,694 and 1,714-1,724 ft. Gravel packed. Pump set at 550 ft. <u>1</u> <u>2</u>
502	Jason Sowell, Jr.	do	1971	1,745	5 2	1,615 1,700	Kcpa	662	--	--	S, E 3	D	Cemented to 1,615 ft. Screened from 1,615-1,630; 1,644-1,665; and 1,675-1,686 ft. Pump set at 505 ft. <u>1</u> <u>2</u>
* 703	Milton Noell	do	1973	969	5 2	948 967	Kgw	690	390	Sept. 7, 1973	S, E 5	Ind	Cemented to 948 ft. Screened from 948-961 ft. Gravel packed. Pump set at 510 ft. <u>1</u> <u>2</u>
801	Ross Forney	do	1967	1,756	5	1,750	Kgw	775	375 386.4	July 1967 Oct. 9, 1970	S, E 2	D	Perforated from 1,658-1,666 ft. <u>1</u>
803	Willow Bend Polo and Hunt Club	do	1972	1,754	7 3	1,640 1,744	Kcpa	642	451.1 455.1	Dec. 23, 1975 Jan. 22, 1976	S, E	Irr	Cemented to 1,640 ft. Screened from 1,640-1,738 ft. Gravel packed. Pump set at 550 ft. <u>1</u> <u>2</u>
804	A. O. Phillips Estates	do	1971	1,747	7 3	1,608 1,747	Kcpa	667	400	June 28, 1971	S, E 15	D	Cemented to 1,608 ft. Screened from 1,608-1,659 and 1,696-1,737 ft. Pump set at 536 ft. Reported yield 70 gal/min. <u>1</u> <u>2</u>
805	William Moss	do	1969	1,013	5	1,007	Kgw	650	340	May 12, 1969	S, E 2	D, S	Cemented to bottom. Gun perforated from 920-932 ft. Pump set at 510 ft. <u>1</u> <u>2</u>
806	W. D. Rosenberg, Jr.	do	1976	1,715	5	1,715	Kcpa	662	390	Jan. 15, 1976	S, E	D, S	Cemented to bottom. Gun perforated from 1,616-1,620; 1,652-1,662; and 1,684-1,688 ft. Pump set at 552 ft. <u>1</u> <u>2</u>
807	Parkway Farms Inc.	do	1977	1,746	7 3 2	1,567 1,655 1,712	Kcpa	670	490 488.0	Nov. 26, 1977 Feb. 2, 1978	S, E 25	Ind	Cemented to 1,567 ft. Screened 7 intervals between 1,567-1,707 ft. Underreamed. Gravel packed. Pump set at 650 ft. <u>1</u> <u>2</u>
* 901	Preston Villa Addition	do	1955	1,067	7 3	946 1,067	Kgw	675	330 --	Oct. 24, 1955 --	S, E 10	P	Cemented to 946 ft. Screened from 946-1,001 ft. Gravel packed. Pump set at 450 ft. <u>1</u>
* 59-101	Nelson Bros. Ready Mix	Boyd Drilling Co.	1975	950	4	--	Kgw	675	400	June 1, 1975	S, E 5	Ind	Pumping level 450 ft when drilled. <u>1</u>
* 201	City of Allen	--	1915	1,300	--	--	Kgw	685	360.0	July 15, 1961	N	N	Reported yield 50 gal/min in 1961.
* 202	do	J. L. Myers Sons	1961	1,400	8 4	1,310 1,397	Kgw	685	295.0	Feb. 14, 1977	T, E 35	P	Cemented to 1,310 ft. Screened from 1,310-1,352 and 1,356-1,387 ft. Plugged back from 2,168 ft. Underreamed. Gravel packed. Pump set at 480 ft. Measured yield 200 gal/min in 1961. Stand-by well. <u>1</u> <u>2</u>

See footnotes at end of table.

## COLLIN COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface datum (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
DT-18-59-203	Campbell Co. Realtors	J. L. Myers Sons	1968	1,333	5	1,333	Kgw	658	400	Oct. 5, 1968	S, E 2	D	Cemented to 1,312 ft. Gun perforated from 1,275-1,290 ft. <u>y</u> <u>y</u>
* 301	Eula Mae Brock	--	--	16	36	--	Kga	649	3.2	Oct. 30, 1974	S, E 1/2	D, S	--
* 302	Tex Duncan	Madewell Drilling Co.	1969	1,415	4	--	Kgw	662	320	Dec. 20, 1969	S, E 5	D	Cemented to 1,382 ft. Gravel packed. Pump set at 690 ft. Reported yield 20 gal/min. <u>y</u>
* 303	City of Allen	Texas Water Wells	1967	1,483	6	1,483	Kgw	655	380.0	Feb. 14, 1977	T, E 100	P	Cemented to 1,259 ft. Screened from 1,265-1,379 ft. Underreamed. Gravel packed. Pump set at 600 ft. Reported yield 300 gal/min. Drawdown 458 ft pumping 500 gal/min Jan. 1968. Stand-by well. <u>y</u>
* 501	H. Melsen Co.	J. L. Myers Sons	1973	1,210	5 2	1,179 1,210	Kgw	640	360	May 15, 1973	S, E 5	D, Ind	Cemented to 1,179 ft. Screened from 1,179-1,200 ft. Pump set at 535 ft. <u>y</u>
* 701	City of Plano	do	1932	1,180	10 8 6	552 1,050 1,180	Kgw	602	160 310	Mar. 1, 1932 1957	N	N	Perforated from 1,100-1,140 and 1,150-1,179 ft. Reported yield 300 gal/min. Plugged. <u>y</u>
* 702	do	--	--	980	--	--	Kgw	600	306.6 294.0 299.1	Oct. 8, 1970 Feb. 26, 1971 Nov. 10, 1971	N	N	Plugged.
* 60-101	O. W. Spurgin	--	--	26	50	26	Kga	650	4.5	Oct. 29, 1974	N	N	--
* 102	Coy Don Smith	--	--	25	20	12	Kga	644	3.7	do.	S, E 1/4	D, S	--
* 103	Leon Smith	--	--	20	24	20	Kga	642	1.9	do.	S, E	D, S	--
* 401	Tommy Joe Craft	--	1910	12	36	12	Kgt	580	3.0 2.6	June 13, 1971 Nov. 19, 1976	N	N	<u>y</u>
601	United Fidelity Life Ins. Co.	Stoner Drilling Co.	1964	1,987	5	1,987	Kgw	518	260	May 20, 1964	N	N	Cemented to bottom. Gun perforated from 1,900-1,910 ft. Plugged. <u>y</u>
* 701	N. C. Turner	--	1906	60	--	--	Xga	575	5.0 7.3	Apr. 23, 1971 Nov. 19, 1976	J, E 1/3	D	Waters yard. <u>y</u>
* 901	Town of Wylie	Art Cribb	1923	2,790	12	--	Kcpa	550	90 315.9	Nov. 19, 1942 1976	T, E 30	N	Reported yield 125 gal/min. <u>y</u>
33-02-205	Collins Radio Co.	J. L. Myers Sons	1968	1,746	5	1,746	Kcpa	618	400	Feb. 1968	S, E 2	D	Cemented to bottom. Gun perforated from 1,636-1,643 and 1,673-1,679 ft. Pump set at 533 ft. <u>y</u>
* 301	Texas Research Foundation	Layne-Texas Co.	1947	1,900	8 6 4	617 1,856 1,900	Kcpa	695	313.0 322.0 383.0 403	Mar. 18, 1948 July 27, 1949 Oct. 10, 1956 Dec. 1959	N	N	Screened from 1,777-1,833 and 1,859-1,898 ft. Gun perforated from 1,780-1,788; 1,798-1,808; and 1,816-1,833 ft. Reported yield 20 gal/min in 1960. Plugged back from 2,051 ft. Temp. 73°F. Destroyed. <u>y</u> <u>y</u>
302	Preston Highland	J. L. Myers Sons	1952	806	6	806	Kgw	658	308	Apr. 4, 1952	S, E 10	P	Perforated from 764-806 ft. <u>y</u>
* 304	City of Renner	--	1957	1,177	5	1,177	Kgw	687	--	--	S, E 3	P	Perforated for 30 ft on bottom. Pump set at 500 ft.

See footnotes at end of table.



## COLLIN COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*DT-33-03-202	Owens Sausage Co.	J. L. Myers Sons	1961	2,092	7 3	1,970 2,092	Kcpa	590	298 405.0	Oct. 1961 Mar. 10, 1977	T, E 30	Ind	Cemented to 1,970 ft. Screened from 1,972-2,020; 2,034-2,065; and 2,080-2,090 ft. Gravel packed. Pump set at 520 ft. Reported yield 165 gal/min. <u>1</u> <u>2</u>
* 203	Richardson Golf Course	do	1972	3,288	10 7	1,233 3,286	Kctm	600	420	Sept. 25, 1972	T, E 100	Irr	Cemented to bottom. Gun perforated from 3,122-3,261 ft. Pump set at 710 ft. Measured yield 760 gal/min on Mar. 8, 1977. Temp. 102°F. <u>1</u> <u>2</u>

\* For chemical analyses of water, see Table 4.

1 Drillers' log in files of the Texas Department of Water Resources.

2 Geophysical logs in files of the Texas Department of Water Resources.

3 For water-level measurements, see Table 3.

# COLLIN COUNTY

## Table 2.—Selected Oil and Gas Tests

Logs in Texas Department of Water Resources files

Well	Operator	Lease and well	Date drilled	Depth (ft)	Approximate land surface elevation (ft)
DT-18-60-301	O. W. Killam	Wilburn No. 1	Apr. 3, 1956	4,220	535

# COLLIN COUNTY

## Table 3.—Water Levels in Selected Wells

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well DT-18-42-603</b>		<b>Well DT-18-44-601—Continued</b>		<b>Well DT-18-50-202—Continued</b>	
Owner: Wallace McKinney		Nov. 19, 1976	348.0	Nov. 10, 1971	219.2
Sept. 29, 1970	359.8	Nov. 18, 1977	418.0	Nov. 15, 1972	222.4
Feb. 25, 1971	362.2	<b>Well DT-18-44-702</b>		Nov. 6, 1973	225.4
Nov. 19, 1974	336.4	Owner: Crump's Gardens, Inc.		Nov. 19, 1974	249.1
Nov. 21, 1975	336.8	Apr. 28, 1971	304.5	Nov. 18, 1975	228.9
Nov. 19, 1976	340.1	Nov. 10, 1971	307.0	Nov. 22, 1976	229.5
Nov. 18, 1977	355.6	Nov. 16, 1972	311.0	Nov. 18, 1977	233.2
<b>Well DT-18-42-604</b>		Nov. 7, 1973	321.7	<b>Well DT-18-50-501</b>	
Owner: City of Celina		Nov. 19, 1974	318.2	Owner: Texas Power and Light Co.	
Aug. 1967	290	Nov. 21, 1975	321.2	Sept. 18, 1953	176
Dec. 22, 1975	392.0	Nov. 19, 1976	320.0	July 24, 1970	488.0
Nov. 19, 1976	450.0	Nov. 18, 1977	332.1	Nov. 14, 1972	397.0
Nov. 14, 1977	455.0	<b>Well DT-18-45-603</b>		Nov. 6, 1973	395.0
<b>Well DT-18-43-204</b>		Owner: City of Blue Ridge		Nov. 5, 1973	485.0
Owner: Weston Water Supply Corporation		Mar. 13, 1939	147.0	Nov. 26, 1974	416.0
May 1963	325	Mar. 12, 1942	163.3*	Nov. 22, 1976	426.0
Apr. 28, 1971	311.8	June 29, 1965	445.0*	Nov. 14, 1977	470.0
Nov. 10, 1971	319.5	Aug. 6, 1970	460.0*	<b>Well DT-18-50-802</b>	
Nov. 19, 1974	335.9	Apr. 23, 1971	349.8	Owner: City of Frisco	
Nov. 19, 1976	335.0	Nov. 11, 1971	356.1	Aug. 21, 1973	415.0
Feb. 14, 1977	336.0	Apr. 18, 1972	482.0*	Nov. 6, 1973	443.0
Nov. 14, 1977	342.0	Nov. 16, 1972	355.1	Nov. 5, 1974	440.0
<b>Well DT-18-44-601</b>		Nov. 7, 1973	361.6	Nov. 26, 1975	435.0
Owner: Meat Producers, Inc.		Nov. 21, 1975	370.0	Mar. 18, 1976	402.0
Jan. 25, 1969	360	Nov. 19, 1976	385.3	Nov. 22, 1976	437.0
Sept. 29, 1970	368.0	Nov. 18, 1977	390.6	Nov. 14, 1977	519.0*
Nov. 11, 1971	374.0	<b>Well DT-18-50-202</b>		<b>Well DT-18-50-901</b>	
Nov. 6, 1973	400.0	Owner: Mahard Egg Farm		Owner: Cloyce K. Box	
Nov. 5, 1974	380.0	Oct. 6, 1970	222.3	June 27, 1963	500
Nov. 26, 1975	340.0	Feb. 26, 1971	222.5	Sept. 28, 1970	475.7

\* Pumping level

# COLLIN COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well DT-18-50-901—Continued</b>		<b>Well DT-18-51-902</b>		<b>Well DT-18-60-401—Continued</b>	
Feb. 25, 1971	473.9	Owner: D. E. Davidson		Nov. 7, 1973	2.1
Nov. 15, 1972	462.7	Oct. 1967	390	Nov. 19, 1974	2.1
Nov. 6, 1973	481.5	Sept. 28, 1970	408.9	Nov. 21, 1975	2.7
Nov. 5, 1974	482.9	Feb. 25, 1971	413.5	Nov. 19, 1976	2.6
Nov. 21, 1975	481.1	Nov. 10, 1971	394.5	Nov. 18, 1977	4.1
Nov. 22, 1976	479.0	Nov. 15, 1972	399.6		
Nov. 18, 1977	484.0	Nov. 7, 1973	401.4	<b>Well DT-18-60-701</b>	
		Nov. 19, 1974	393.4	Owner: N. C. Turner	
<b>Well DT-18-51-701</b>		Nov. 21, 1975	409.4	Apr. 23, 1971	5.0
Owner: Gene Williams		Nov. 22, 1976	411.1	Nov. 10, 1971	3.4
Sept. 28, 1970	298.5	Nov. 18, 1977	415.1	Nov. 15, 1972	5.0
Feb. 25, 1971	313.7			Nov. 7, 1973	2.4
Nov. 7, 1973	316.4	<b>Well DT-18-53-201</b>		Nov. 19, 1974	1.8
Nov. 19, 1974	331.7	Owner: H. M. Fagala		Nov. 21, 1975	9.1
Nov. 21, 1975	460.4	Apr. 23, 1971	20.8	Nov. 19, 1976	6.8
Nov. 22, 1976	457.0	Nov. 11, 1971	17.1	Nov. 18, 1977	9.0
Nov. 18, 1977	461.8	Nov. 16, 1972	22.6		
		Nov. 7, 1973	12.2	<b>Well DT-18-60-901</b>	
<b>Well DT-18-51-901</b>		Nov. 19, 1974	10.1	Owner: Town of Wylie	
Owner: Stuckey's Inc.		Nov. 21, 1975	18.8	1942	90
Oct. 8, 1970	378.0	Nov. 19, 1976	20.2	Apr. 23, 1971	276.2
Feb. 26, 1971	381.1	Nov. 18, 1977	21.8	Nov. 10, 1971	280.7
Nov. 11, 1971	376.7			Nov. 15, 1972	287.5
Nov. 15, 1972	384.0	<b>Well DT-18-60-401</b>		Nov. 19, 1974	302.2
Nov. 7, 1973	383.0	Owner: Tommy Joe Craft		Nov. 21, 1975	309.5
Nov. 19, 1974	391.7	June 13, 1971	3.0	Nov. 19, 1976	315.9
Nov. 21, 1975	397.7	Nov. 10, 1971	2.4	Nov. 18, 1977	320.1
Nov. 22, 1976	403.6	Nov. 15, 1972	2.6		
Nov. 18, 1977	408.1				



COLLIN COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kca, Antlers Formation; Kcgr, Glen Rose Formation; Kcpa, Paluxy Formation; Kctm, Twin Mountains Formation; Kga, Austin Group; Kgt, Taylor Group; Kgw, Woodbine Group.  
 Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids.  
 Analyses by Texas Department of Health.

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
DT-18-42-301	Kca	2,180	Jan. 24, 1972	--	0.4	3	1	288	--	557	79	23	3.0	0.5	--	996	12	1,100	8.5	98	36.7	8.8
601	Kcpa	1,541	Oct. 10, 1938	21	.2	4	3	293	--	691	74	27	1.4	< .4	--	763	22	--	8.7	97	26.9	10.8
601	Kcpa	1,541	May 12, 1942	19	.2	3	1	302	--	677	74	25	1.6	< .4	--	759	11	--	--	98	38.5	10.8
601	Kcpa	1,541	Feb. 18, 1943	13	--	2	0	287	4.2	520	73	18	1.3	2.5	--	656	6	--	8.4	98	55.9	8.4
601	Kcpa	1,541	Sept. 1, 1951	18	.1	7	3	289	--	653	75	32	1.2	1.8	--	748	30	--	8.5	95	23.0	10.1
601	Kcpa	1,541	June 30, 1964	--	--	1	1	259	--	500	55	28	.7	< .4	--	615	6	1,125	8.9	99	43.8	8.0
602	Kgw	700	Oct. 10, 1938	14	.1	4	5	182	--	494	63	23	1.4	< .4	--	535	31	--	8.5	93	14.3	7.4
602	Kgw	700	May 12, 1942	18	.2	2	1	182	--	372	63	25	1.8	< .4	--	476	9	--	--	98	26.2	5.9
602	Kgw	700	Sept. 1, 1951	13	--	8	3	227	--	555	57	36	1.2	< .4	--	618	33	--	8.5	94	17.3	8.4
603	Kgw	771	Nov. 15, 1972	11	--	1	2	422	--	800	73	117	2.6	< .4	--	1,022	12	1,630	8.5	99	56.0	12.8
603	Kgw	771	Aug. 10, 1976	12	--	2	1	433	--	820	105	115	2.6	< .4	--	1,074	9	1,700	8.2	99	62.4	13.2
604	Kctm	2,300	Apr. 15, 1976	--	--	3	1	228	2.0	431	104	28	1.1	1.2	--	590	11	1,040	8.7	97	29.1	6.8
43-203	Kgw	714	Oct. 26, 1961	--	.4	14	13	1,340	--	622	1,353	700	2.0	< .4	--	3,728	88	6,900	8.0	97	62.0	8.4
204	Kgw	1,216	May 6, 1963	--	.5	4	1	570	--	640	348	92	2.7	< .4	--	1,450	13	2,739	9.2	99	66.0	10.2
204	Kgw	1,216	Apr. 28, 1971	11	--	3	2	530	--	780	396	80	3.1	< .4	--	1,409	18	2,040	8.4	99	58.1	12.4
204	Kgw	1,216	Aug. 10, 1976	13	.4	5	1	530	--	750	398	79	3.0	< .4	--	1,398	16	2,080	8.7	99	56.6	11.9
44-201	Kgw	1,470	Sept. 22, 1951	--	--	--	--	208	1.6	353	51	75	.9	.2	--	510	6	883	8.2	--	--	--
201	Kgw	1,470	June 6, 1962	--	.5	2	1	216	--	246	54	80	1.0	2.0	--	477	7	1,004	8.0	98	31.1	3.8
201	Kgw	1,470	July 14, 1969	--	.1	3	1	186	--	355	51	50	1.2	3.0	--	470	10	--	8.5	97	23.7	5.5
202	Kgw	1,559	Apr. 8, 1976	--	.2	2	1	244	--	392	121	38	1.3	.0	--	621	6	975	8.3	98	35.1	6.2
203	Kgw	1,065	Feb. 19, 1943	14	3.4	14	8	1,370	20.0	701	800	1,180	1.6	.5	--	3,756	68	--	8.2	97	72.3	10.1
203	Kgw	1,065	July 29, 1946	40	1.2	52	35	1,224	--	738	796	1,065	2.3	< .4	--	3,578	274	--	7.8	91	32.1	6.6
601	Kgw	1,783	Nov. 14, 1972	12	--	1	1	151	--	306	55	17	.8	< .4	--	388	7	615	8.4	98	25.5	4.8
601	Kgw	1,783	Aug. 9, 1976	9	1.6	1	1	150	--	300	50	16	.8	< .4	--	377	3	609	8.6	98	25.3	4.7
702	Kgw	1,136	Apr. 28, 1971	12	--	1	1	211	--	378	112	31	1.2	1.9	--	556	9	872	8.3	99	35.7	6.0
702	Kgw	1,136	Nov. 10, 1971	12	--	1	1	212	--	376	115	32	1.3	4.5	--	563	9	883	7.9	99	35.8	6.0
702	Kgw	1,136	Aug. 9, 1976	13	.2	2	1	213	--	376	109	30	1.3	.5	--	554	5	877	8.2	98	30.7	5.9
801	Kgw	1,563	Sept. 11, 1956	14	--	1	0	238	1.1	402	100	37	2.8	.0	--	594	2	987	8.5	99	65.5	6.5
801	Kgw	1,563	Aug. 8, 1971	--	--	3	1	216	--	378	87	53	1.9	1.0	--	549	10	--	8.3	98	27.5	5.9
801	Kgw	1,563	May 24, 1976	--	.1	4	1	275	--	390	85	122	1.5	.5	--	690	10	1,260	8.5	98	31.8	6.1
802	Kgw	1,462	Feb. 19, 1943	11	.4	8	5	1,120	6.2	826	13	1,260	2.2	10.0	--	2,841	40	--	8.4	98	76.5	12.7
802	Kgw	1,462	May 5, 1952	23	1.5	50	35	1,060	--	836	101	1,264	2.2	2.7	--	3,034	269	--	8.1	90	28.1	11.1

## COLLIN COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
DT-18-45-101	Kgw	1,505	Nov. 11, 1962	--	0.3	2	0	310	--	521	141	50	1.1	< 0.4	--	761	5	1,143	7.5	99	60.3	8.4
101	Kgw	1,505	July 7, 1969	--	--	2	1	279	--	480	152	45	1.7	< .4	--	717	7	--	8.6	98	40.2	7.6
101	Kgw	1,505	July 8, 1976	--	--	1	1	286	--	492	136	49	1.3	< .4	--	723	5	1,305	8.5	99	48.4	7.9
603	Kgw	1,853	Mar. 13, 1939	38	.2	5	5	195	--	396	103	39	.6	< .4	--	570	33	--	8.6	93	14.7	--
603	Kgw	1,853	Apr. 8, 1939	16	.4	5	2	226	--	395	104	39	.8	< .4	--	587	20	--	8.5	96	21.6	6.0
603	Kgw	1,853	Feb. 29, 1943	13	--	1	1	207	2.8	306	109	34	.7	1.5	--	520	5	--	8.2	98	35.0	4.8
603	Kgw	1,853	Apr. 1, 1951	12	.3	4	5	204	--	412	108	43	.6	< .4	--	579	31	--	8.3	94	16.0	6.1
603	Kgw	1,853	Apr. 23, 1971	14	--	2	1	211	--	359	109	53	.8	< .4	--	567	11	890	7.8	98	30.4	5.7
603	Kgw	1,853	Nov. 11, 1971	13	--	1	2	205	--	357	105	40	.8	< .4	--	542	11	891	8.2	98	27.2	5.6
603	Kgw	1,853	Nov. 7, 1973	13	--	2	1	220	--	362	104	48	.9	< .4	--	567	8	920	8.3	98	31.7	5.7
603	Kgw	1,853	Nov. 21, 1975	14	--	2	1	218	--	359	111	56	.8	< .4	--	579	8	926	8.0	98	31.4	5.7
603	Kgw	1,853	Aug. 9, 1976	14	.6	3	1	225	--	351	107	60	.9	< .4	--	584	10	937	8.6	98	28.7	5.5
604	Kgw	1,900	Feb. 22, 1975	--	.1	2	1	207	--	298	105	36	.8	.0	--	531	10	820	8.7	98	29.8	4.7
604	Kgw	1,900	Oct. 27, 1976	16	--	1	1	193	--	334	89	36	.7	< .4	--	501	5	826	8.6	98	32.6	5.3
801	Kgw	1,900	Apr. 4, 1966	--	--	5	5	173	--	316	45	25	.9	< .4	--	409	12	--	9.2	91	13.0	4.5
801	Kgw	1,900	Mar. 9, 1977	14	1.9	1	2	163	.1	340	47	22	.9	< .4	--	419	10	687	8.6	97	21.6	5.3
46-401	Kgt	25	Apr. 23, 1971	41	--	319	53	620	--	317	1,140	540	1.2	242.0	--	3,112	1,010	3,750	7.6	57	8.4	.0
402	Kgw	2,032	Sept. 9, 1971	--	--	1	1	225	--	329	110	38	1.1	1.5	--	539	7	--	8.4	99	38.0	5.2
402	Kgw	2,032	Oct. 27, 1976	15	--	1	1	222	--	400	98	40	1.1	< .4	--	575	5	932	8.5	99	37.5	6.4
50-201	Kgw	619	Apr. 10, 1942	14	1.0	12	5	670	--	842	320	295	3.3	< .4	--	1,734	51	--	8.3	97	41.0	12.7
201	Kgw	619	Feb. 17, 1943	5	--	4	2	694	5.2	847	329	311	3.0	6.3	--	1,775	22	--	8.2	98	70.7	13.5
201	Kgw	619	Feb. 12, 1951	16	.3	12	5	690	--	897	372	291	2.4	< .4	--	1,830	51	--	8.4	97	42.2	13.6
201	Kgw	619	Jan. 21, 1960	--	.1	4	1	630	--	866	322	288	2.4	< .4	--	1,673	16	3,060	8.4	99	73.0	13.9
201	Kgw	619	May 4, 1967	--	< .0	4	0	650	--	900	288	294	4.2	< .4	--	2,140	18	3,171	8.1	99	89.5	14.5
201	Kgw	619	Jan. 6, 1977	--	.2	4	1	680	--	880	320	280	3.7	< .4	--	1,740	15	3,171	8.5	99	78.8	14.1
202	Kgw	640	Feb. 26, 1971	10	--	1	1	169	--	388	37	12	1.1	< .4	--	422	6	672	8.4	98	28.6	6.2
202	Kgw	640	Aug. 10, 1976	11	--	1	1	174	--	393	40	13	1.1	.6	--	434	5	701	8.1	98	29.4	6.3
203	Kgw	640	Sept. 10, 1938	15	1.5	11	11	691	--	900	336	341	3.0	< .4	--	1,852	154	--	8.0	95	35.2	13.2
203	Kgw	640	Jan. 15, 1939	12	.3	12	7	697	--	907	331	326	1.5	< .4	--	1,833	60	--	8.5	96	39.5	13.6
203	Kgw	640	Sept. 4, 1939	--	.1	--	--	--	--	903	340	313	3.2	3.5	--	--	--	--	--	--	--	--
204	Kgw	634	Oct. 4, 1938	17	.3	10	13	683	--	927	327	323	2.8	.4	--	1,832	78	--	8.0	95	33.5	13.6
204	Kgw	634	Mar. 30, 1940	14	.5	8	1	948	--	936	328	320	2.6	4.4	--	2,086	--	--	8.1	99	86.0	14.8
501	Kctm	2,525	Sept. 19, 1953	13	.1	7	1	595	--	293	82	680	--	--	--	1,522	24	--	8.4	98	55.7	4.3

COLLIN COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
DT-18-50-501	Kctm	2,525	Nov. 10, 1971	17	--	7	2	590	--	304	85	700	.2	< .4	--	1,551	25	2,690	8.1	98	50.6	4.4
501	Kctm	2,525	Aug. 10, 1976	14	--	3	4	620	--	304	81	740	.2	< .4	--	1,612	22	2,790	8.3	98	55.1	4.5
502	Kctm	2,177	Jan. 28, 1954	14	< .0	11	4	468	3.4	538	504	51	3.6	.0	--	1,323	44	2,010	8.0	95	30.7	7.9
502	Kctm	2,662	Mar. 21, 1954	14	.2	6	1	580	--	305	91	640	--	--	--	1,482	19	--	--	99	57.7	4.6
503	Kcgr	2,230	Nov. 24, 1954	16	--	23	8	607	3.7	485	894	46	3.6	--	1.1	1,840	93	2,670	7.6	93	27.7	6.1
504	Kcpa	1,710	Aug. 1, 1973	13	.1	2	0	323	--	637	109	22	.2	.8	--	783	6	--	8.5	99	62.9	10.3
802	Kcpa	1,632	Feb. 17, 1943	13	--	2	0	272	3.2	470	96	19	.9	2.5	--	639	5	--	8.2	98	52.9	7.6
802	Kcpa	1,632	Apr. 1, 1951	19	.1	8	2	290	--	493	95	110	.7	< .4	--	767	28	--	8.4	96	23.7	8.0
802	Kcpa	1,632	Mar. 18, 1976	16	.1	2	1	262	--	530	90	19	1.1	< .4	--	652	5	1,057	8.7	98	37.7	8.5
803	Kctm-Kcpa	2,796	Apr. 1, 1951	20	.1	6	1	314	--	415	98	188	.2	< .4	--	831	19	--	8.4	97	31.2	6.4
803	Kctm-Kcpa	2,796	Aug. 9, 1966	--	.1	3	0	310	--	383	87	200	.6	< .4	--	796	8	1,544	8.5	99	49.3	6.1
803	Kctm-Kcpa	2,796	Mar. 18, 1976	18	--	3	1	302	--	378	79	192	.5	< .4	--	781	8	1,350	8.6	98	38.5	5.9
804	Kcpa	1,680	Feb. 17, 1943	13	< .0	2	0	272	3.2	470	96	19	.9	2.5	--	639	8	--	8.2	98	52.9	7.6
805	Kctm	2,742	Oct. 6, 1967	--	.1	3	1	316	--	381	81	198	.6	< .4	--	800	11	1,544	8.6	98	40.3	6.0
805	Kctm	2,742	Mar. 18, 1976	18	.1	3	1	309	--	404	73	200	.5	< .4	--	803	12	1,350	8.2	98	39.4	6.3
901	Kgw	1,050	Nov. 22, 1976	13	--	2	1	345	--	620	171	56	2.8	1.2	--	896	6	1,380	8.3	99	49.7	9.9
51-301	Kctm	3,412	Apr. 21, 1946	10	.1	4	1	386	--	353	89	316	--	--	--	979	13	--	8.5	98	44.7	5.5
701	Kgw	1,104	Nov. 10, 1971	12	--	3	2	441	--	650	253	129	2.7	< .4	--	1,162	18	1,840	8.4	98	48.4	10.3
701	Kgw	1,104	Aug. 9, 1976	13	.1	4	1	460	--	630	241	152	2.7	< .4	--	1,183	13	1,870	8.7	99	53.3	10.0
901	Kgw	1,209	do	14	.1	11	1	351	--	448	316	69	2.2	< .4	--	984	32	1,510	8.6	96	27.1	6.7
52-301	Kgw	1,577	Nov. 19, 1965	14	.5	2	1	308	--	402	201	69	1.8	.0	--	799	8	--	8.5	99	44.4	6.4
301	Kgw	1,577	Nov. 23, 1965	--	--	2	1	305	--	433	192	65	1.4	< .4	--	779	8	1,386	8.5	99	43.9	6.9
301	Kgw	1,577	Nov. 8, 1973	11	--	3	1	310	--	440	200	67	1.7	3.3	--	813	13	1,260	8.4	98	39.6	6.9
301	Kgw	1,577	Aug. 9, 1976	14	--	2	1	305	--	438	201	64	1.6	< .4	--	804	7	1,230	8.4	99	43.9	6.9
401	Kctm	3,242	Feb. 27, 1943	18	.1	9	3	388	6.4	340	247	212	.4	2.0	--	1,053	36	--	8.3	95	28.6	4.8
401	Kctm	3,242	Feb. 2, 1950	21	--	21	3	405	--	352	101	380	.3	< .4	--	1,104	65	--	8.2	93	21.8	4.4
402	Kgw	1,272	Nov. 7, 1942	17	.1	10	5	404	--	677	204	98	2.2	.7	--	1,073	46	--	--	95	26.0	10.1
402	Kgw	1,272	Feb. 2, 1950	25	--	23	7	456	--	376	464	192	.6	< .4	--	1,352	87	--	7.9	92	21.3	4.4
403	Kcpa	2,150	Mar. 9, 1977	14	.5	6	1	245	--	476	85	45	1.5	2.3	--	634	18	1,029	8.7	97	24.3	7.4
601	Kgw	1,728	Feb. 19, 1943	18	--	1	0	341	--	439	239	68	2.0	1.0	--	885	6	--	8.4	99	93.9	7.1
601	Kgw	1,728	Feb. 2, 1951	16	.2	10	6	298	--	606	221	71	2.0	< .4	--	922	50	--	8.5	93	18.4	8.9
53-201	Kgt	50	Apr. 23, 1971	22	--	153	9	51	--	368	42	87	.3	64.0	--	609	423	955	7.3	21	1.0	.0
201	Kgt	50	Nov. 7, 1973	23	--	171	7	55	--	454	39	97	.3	38.0	--	653	457	1,060	7.3	21	1.1	.0

## COLLIN COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
DT-18-53-201	Kgt	50	Aug. 9, 1976	23	--	151	6	39	--	416	38	58	0.3	33.0	--	552	402	873	7.7	17	0.8	0.0
58-201	Kgw	1,000	Oct. 16, 1973	--	--	3	1	279	--	590	95	43	1.3	1.2	--	691	9	1,212	8.5	98	35.6	8.4
202	Kcpa	1,802	Nov. 2, 1970	--	--	2	2	268	--	540	95	26	1.6	1.0	--	680	13	1,200	8.7	98	32.0	8.5
703	Kgw	969	May 10, 1977	--	0.2	5	2	760	--	830	462	375	3.4	.7	--	2,030	22	3,770	8.5	99	72.6	13.1
901	Kgw	1,067	Mar. 4, 1977	13	--	13	1	770	--	810	450	393	3.9	1.4	--	2,043	36	3,050	8.4	98	55.4	12.5
59-101	Kgw	950	Feb. 14, 1977	13	.2	4	1	396	--	610	190	128	2.6	2.4	--	1,037	10	1,650	8.3	98	45.8	9.7
201	Kgw	1,300	June 6, 1958	--	1.3	4	1	483	--	681	246	206	2.8	< .4	--	1,279	13	2,390	8.3	99	55.9	--
201	Kgw	1,300	Oct. 19, 1959	--	--	4	1	420	--	610	235	139	2.8	2.7	--	1,104	9	2,000	8.3	98	48.6	9.7
202	Kgw	1,397	Aug. 24, 1961	--	.3	3	1	364	--	541	179	58	2.0	.6	--	960	8	1,600	8.6	99	46.5	8.6
202	Kgw	1,397	Apr. 18, 1967	--	--	4	4	352	--	580	212	69	2.6	3.7	--	836	26	1,650	8.3	97	29.7	8.9
301	Kgac	16	Oct. 30, 1974	12	--	113	1	46	--	338	52	30	.7	12.0	--	432	290	695	7.8	26	1.1	.0
301	Kgac	16	Aug. 9, 1976	13	1.7	99	1	50	--	323	50	23	.8	3.1	--	400	250	631	8.5	30	1.3	.2
302	Kgw	1,415	Oct. 29, 1974	12	--	4	1	355	--	610	203	59	3.7	3.2	--	940	11	1,450	8.3	98	41.1	9.7
303	Kgw	1,483	Jan. 20, 1971	--	--	3	1	403	--	680	200	87	3.4	3.0	--	1,035	13	1,850	8.3	99	51.4	10.9
303	Kgw	1,483	Jan. 8, 1975	--	< .0	1	1	363	--	600	200	73	2.6	2.6	--	938	7	1,716	8.4	99	61.4	9.7
501	Kgw	1,210	Feb. 15, 1977	14	.3	4	2	690	--	860	333	325	4.0	7.0	--	1,802	18	2,770	8.6	99	70.3	13.7
701	Kgw	1,180	Feb. 20, 1943	13	--	6	2	758	5.4	761	425	378	3.2	5.7	--	1,970	24	--	8.2	98	68.4	12.0
701	Kgw	1,180	Nov. 11, 1953	49	.2	5	5	767	--	1,130	447	373	2.0	< .4	--	2,204	33	--	8.0	98	58.0	17.8
701	Kgw	1,180	Jan. 7, 1956	--	--	6	1	780	--	848	437	401	1.4	1.3	--	2,154	19	--	8.0	99	77.6	--
702	Kgw	980	Nov. 1, 1949	18	.4	12	19	732	--	915	456	337	3.2	2.7	--	2,090	108	--	8.4	94	30.6	--
60-101	Kgac	26	Oct. 29, 1974	7	--	143	4	92	--	167	176	58	.7	211.0	--	773	374	1,091	7.6	35	2.0	.0
102	Kgac	25	do	7	--	75	2	124	--	173	135	98	.9	55.0	--	581	195	920	7.5	58	3.8	.0
103	Kgac	20	do	8	--	108	1	26	--	278	60	20	.6	10.0	--	370	275	593	7.7	17	.6	.0
401	Kgt	12	June 13, 1971	11	--	125	2	8	--	364	19	6	.4	7.0	--	357	322	592	7.1	5	.1	.0
401	Kgt	12	Aug. 9, 1976	15	--	105	1	6	--	293	18	7	.4	13.0	--	309	265	496	8.2	5	.1	.0
701	Kgac	60	Apr. 23, 1971	5	--	86	4	18	--	149	57	14	.7	76.0	--	333	231	507	7.4	14	.5	.0
901	Kcpa	2,790	Nov. 16, 1941	24	--	2	0	307	--	564	117	27	1.8	.2	--	756	8	--	8.6	99	59.8	.1
901	Kcpa	2,790	Feb. 20, 1943	1	--	2	1	306	3.4	516	118	35	1.9	2.5	--	724	10	--	8.4	98	44.1	8.2
901	Kcpa	2,790	Sept. 9, 1953	26	.1	3	1	340	--	626	125	43	1.6	< .4	--	847	12	--	8.3	98	43.4	10.0
33-02-301	Kcpa	1,900	June 27, 1949	17	--	1	0	269	7.6	528	89	20	1.4	2.2	--	666	16	1,130	8.7	98	74.1	8.6
302	Kgw	806	June 16, 1961	--	.4	7	4	980	--	952	438	616	3.0	.6	--	2,516	32	4,710	7.8	98	73.2	14.9
302	Kgw	806	Mar. 4, 1977	13	.2	11	2	990	5.0	950	479	640	3.3	.8	--	2,611	38	3,880	8.2	98	72.1	14.8



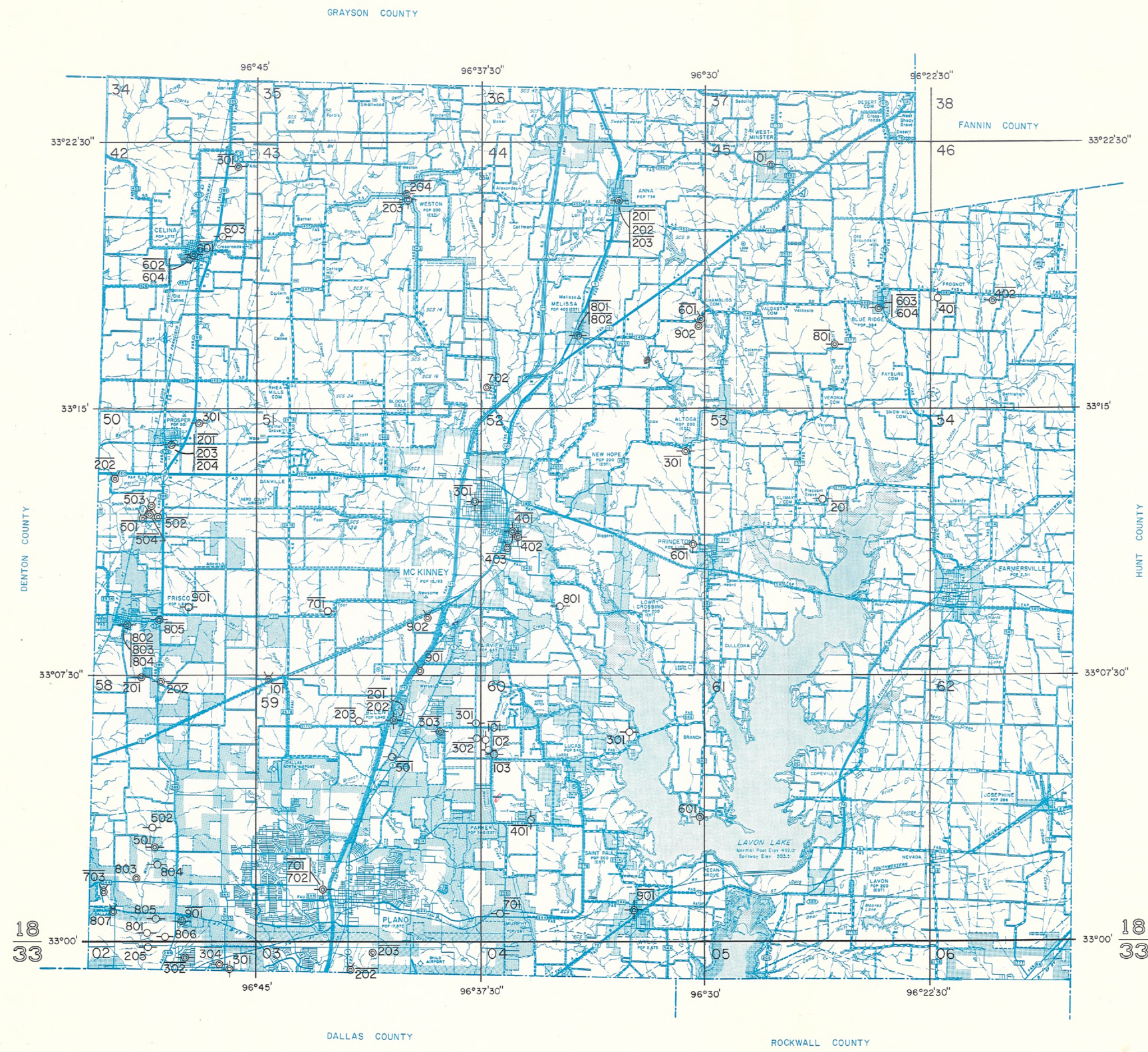
COLLIN COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

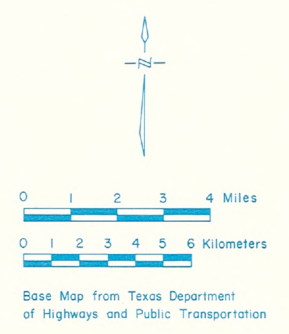
Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dis-solved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
DT-33-02-304	Kgw	1,177	Mar. 4, 1977	14	--	6	2	710	--	780	473	312	3.9	1.2	--	1,905	23	2,870	8.3	99	64.1	12.3
03-202	Kcpa	2,092	May 21, 1962	--	0.2	2	1	280	--	586	95	25	1.5	< .4	--	756	10	1,260	8.2	99	40.3	9.4
203	Kctm	3,288	Mar. 8, 1977	15	.8	5	2	463	--	498	346	157	2.4	< .4	--	1,236	20	1,910	8.8	98	44.2	7.7







- EXPLANATION**
- ⊖ Public supply well
  - ⊙ Industrial well
  - ⊕ Irrigation well
  - ⊘ Domestic or livestock well
  - ⊛ Oil or gas well
  - ⊙ Test hole
  - ⊖ Unused or abandoned well
  - Solid circle indicates flowing well
  - 201 Line above well number indicates chemical analysis given in Table 4



Location of Selected Water, Oil, and Gas Wells in Collin County



COOKE COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.  
 Water level : Reported water levels given in feet; measured water levels given to the nearest tenth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; E, electric; G, gasoline, butane, or diesel engine; H, Hand; J, Jet;  
 N, none; S, submersible; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Kca, Antlers Formation; Kgw, Woodbine Group.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HA-18-01-801	Burrell Ranch	L. O. McMillian	1948	200	5	--	Kca	797	154.1 194.1	July 25, 1958 Nov. 5, 1976	C, G	D	<u>3</u>
09-802	--	Moore Drilling Co.	1961	226	7 5	166 215	Kgw	785	125	Oct. 28, 1961	S, E 3	D, S	Cemented to 215 ft with open end. Gravel packed. Drawdown 85 ft pumping 40 gal/min when drilled. <u>1</u>
17-101	James Kemp	Westbrook Drilling Co.	1973	1,081	7	1,081	Kca	835	--	--	S, E 3	D, Irr	Slotted from 1,020-1,080 ft. <u>2</u>
* 17-401	C. W. Strickland	Bill Mitchusson	1969	235	4	200	Kgw	810	80.4 95.6	Sept. 7, 1970 Nov. 4, 1976	S, E	D	Open hole. Gravel packed. <u>1</u> <u>3</u>
702	Norris Dill	Gene Tumison Well Service	1976	1,037	5	1,037	Kca	825	300	Mar. 13, 1976	S, E 5	P	Reworked oil test. Perforated from 1,028-1,037 ft. Pump set at 378 ft.
* 25-103	Woodbine Water Supply Corporation	--	1963	1,100	10	--	Kca	740	270.0	Feb. 6, 1969	S, E 20	P	Gun perforated. Pump set at 500 ft. Drawdown 42 ft pumping 130 gal/min on Feb. 6, 1969. Old oil well.
* 104	do	Westbrook Drilling Co.	1976	1,468	8 5	1,336 1,465	Kca	810	438	Apr. 30, 1976	S, E	P	Cemented to 1,336 ft. Screened from 1,336-1,446 ft. Gravel packed. Pump set at 613 ft. Drawdown 76 ft pumping 150 gal/min when drilled. <u>1</u>
* 402	Jerome Hayes	Marshall Drilling Co.	1973	190	5	190	Kgw	740	60	Oct. 18, 1973	S, E 3/4	D	Cemented to 102 ft. Slotted. Gravel packed.
801	Layton Humphrey	Strittmatter Irrigation and Supply	1976	218	8	218	Kgw	705	91 84.4	Apr. 20, 1976 Apr. 4, 1977	S, E 20	Irr	Slotted from 78-106; 126-155; and 160-216 ft. Gravel packed. Pump set at 190 ft. Reported yield 250 gal/min. <u>1</u>
* 33-101	R. E. Lee	J. L. Myers Sons	1961	835	4 2	812 835	Kca	690	210	Oct. 25, 1961	S, E 2	D, S	Cemented to 812 ft. Screened from 812-833 ft. Gravel packed. <u>1</u>
102	Ann Bovis	Westbrook Drilling Co.	1971	730	10 4	606 730	Kca	690	350	Feb. 18, 1971	T, E	Irr	Screened 40 ft. Gravel packed. Drilled to 1,500 ft and plugged back to 730 ft.
103	do	do	1971	124	7	124	Kgw	690	25	Mar. 15, 1971	N	N	Slotted from 80-124 ft. Gravel packed. Destroyed. <u>1</u>
104	do	do	1971	124	7	124	Kgw	675	--	--	N	N	Plugged. Bailed 40 gal/min. <u>1</u>
105	do	Strittmatter Irrigation and Supply	1976	100	8	75	Kgw	625	2.8	Feb. 17, 1977	S, E 5	Irr	Screened from 60-75 ft. Gravel packed. Pump set at 63 ft. Tested at 250 gal/min. <u>1</u>
* 201	R. E. Lee	J. L. Myers Sons	1956	857	4 2	839 857	Kca	670	175	Oct. 31, 1956	S, E 2	D, S	Cemented to 839 ft. Screened from 839-854 ft. Gravel packed. <u>1</u>
402	Don Trott	Geyer Drilling Co.	1975	132	4	132	Kgw	690	90	Jan. 2, 1975	S, E 1	D	Cemented and gun perforated from 122-127 ft. <u>1</u> <u>2</u>
403	R. C. Sitzes	Westbrook Drilling Co.	1971	278	7	278	Kgw	651	35	Mar. 23, 1971	S, E	Irr	Slotted. 220 ft drawdown pumping 250 gal/min when drilled.

See footnotes at end of table.

COOKE COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
HA-18-33-404	Bob Blythe	Boyd Drilling Co.	1969	150	7	150	Kgw	640	53.5	Aug. 2, 1977	S, E 5	Irr	Cemented to 20 ft. Slotted. Gravel packed. Pump set at 136 ft. Reported yield 100 gal/min. <u>1</u>
19-07-801	Gordon Yates	Gene Tumison Well Service	1975	225	4	186	Kca	830	150	Jan. 4, 1975	S, E 1 1/2	D	Plugged back from 722 ft due to salt water. Reworked old well 279 ft deep. Cemented to 185 ft. Gravel packed. <u>1</u> <u>2</u>
13-402	H. L. Dennis	A. J. Rohmer	1963	310	7	217	Kca	830	210	Aug. 2, 1963	N	N	Abandoned oil field well. Open hole completion. Gravel packed. <u>1</u>
* 802	Dick Harris	Tommy Hodge	1937	113	--	--	Kca	935	76.7 76.5	Sept. 9, 1970 Nov. 5, 1976	C, E 1	D	<u>3</u>
* 14-301	R. Olsen Estate	A. J. Rohmer	1972	528	7 2	401 528	Kca	890	250	Mar. 22, 1972	S, F 10	Irr	Slotted from 414-422; 438-448; 460-464; 478-486; 491-495; and 508-516 ft. Underreamed. Gravel packed. Pump set at 368 ft. Measured yield 139 gal/min on Mar. 14, 1977. Reworked 470 ft well drilled in 1964. Temp. 69°F. <u>1</u>
15-101	Vin Morris	do	1968	342	--	--	Kca	872	209.3 233.3	Sept. 9, 1970 Nov. 5, 1976	S, E 1	D	Gravel packed. Pump set at 294 ft. <u>1</u> <u>2</u>
* 102	Chevron U.S.A. Corp.	--	1955	480	6	480	Kca	905	200	Mar. 18, 1977	C, E 10	N	Perforated Temp. 67°F.
103	do	--	1949	480	6	480	Kca	905	--	--	C, G 15	N	Perforated. Standby well.
104	Vin Morris	--	--	364	7	364	Kca	840	156.0	Oct. 10, 1973	N	N	Converted oil test for irrigation use. Gun perforated from 358-364 ft. Reported yield 25 gal/min.
201	do	--	--	396	7	396	Kca	820	174.0	do.	C, E 1	S	Converted oil test. Gun perforated from 376-396 ft. Reported yield 40 gal/min.
701	Moss Lake Estates	A. J. Rohmer	1966	348	7 3	301 348	Kca	763	155.9 177.1	Sept. 9, 1970 Nov. 5, 1976	S, E 10	P	Cemented to 301 ft. Slotted from 301-346 ft. Gravel packed. Pump set at 275 ft. Drawdown 75 ft pumping 85 gal/min when drilled. <u>1</u> <u>2</u> <u>3</u>
* 702	City of Gainesville	Moore Drilling Co.	1966	270	5	258	Kca	770	168	Mar. 25, 1966	S, E 3	P	Open hole completion. Drawdown 32 ft pumping 25 gal/min when drilled. <u>1</u>
* 703	North Moss Water Assoc.	A. J. Rohmer	1969	356	7 2	335 356	Kca	775	156 183.7	Sept. 15, 1969 Mar. 14, 1977	S, E	P	Cemented to 335 ft. Slotted from 340-356 ft. Gravel packed. Pump set at 294 ft. Drawdown 50 ft pumping 30 gal/min when drilled. <u>1</u>
16-501	Moncreif and Grims	Moore Drilling Co.	1965	256	5	237	Kca	650	109.2	Mar. 16, 1977	S, E 3/4	D	Cemented to 44 ft. Open hole completion. Gravel packed. <u>1</u>
* 801	Union Texas Petroleum	Roy Guffey	1950	885	8	805	Kca	735	190	May 31, 1973	T, R 15	Ind	Cemented to 805 ft. Open hole completion. Pump set at 230 ft. Temp. 74°F. <u>1</u>
* 802	Vernon Morrison	B and B Well Service	1965	400	4	372	Kca	730	119.6 173.7	Sept. 7, 1970 Nov. 4, 1976	S, E 3/4	D	Cemented from 330-372 ft. Open hole completion. Gravel packed. <u>1</u> <u>2</u>
* 803	Walnut Bend School	Gene Tumison Well Service	1974	410	7	335	Kca	765	116.8	Mar. 16, 1977	S, E 1	P	Cemented to 335 ft. Open hole completion. Gravel packed. Pump set at 330 ft. <u>1</u> <u>2</u>
21-101	Roy Redman	--	--	--	--	--	Kca	1,220	144.8 138.1	Sept. 9, 1970 Nov. 5, 1976	W	N	<u>3</u>
301	Brown Oil Co.	A. J. Rohmer	1968	487	7 2	454 487	Kca	1,050	360	Sept. 10, 1968	S, E 5	Ind	Slotted from 454-462 and 471-487 ft. Underreamed. Gravel packed. Drawdown 40 ft pumping 30 gal/min. <u>1</u>

See footnotes at end of table.

COOKE COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
HA-19-21-302	James Roberts Inc.	A. J. Rohmer	1963	377	5	377	Kca	1,035	127	Sept. 23, 1963	S, E 3	Ind	Slotted from 189-302 ft. Underreamed. Gravel packed. <u>1</u>
601	J. D. Fleitman	--	--	220	--	--	Kca	1,110	174.7 181.2	Sept. 9, 1970 Nov. 5, 1976	W	N	<u>3</u>
602	F. Trubenbach	A. J. Rohmer	1965	512	7	490	Kca	1,100	360	Feb. 8, 1965	S, E 3	Ind	Open hole completion. <u>1</u>
603	Colorado Oil Co.	do	1965	550	7	519	Kca	1,102	359	Nov. 24, 1965	S, E 10	Ind	Open hole completion. Gravel packed. <u>1</u>
701	Powell Ranch	do	1974	450	7 2	390 450	Kca	1,040	225	July 26, 1974	S, E 3	D, S	Cemented to 390 ft. Slotted from 391-413 and 430-440 ft. Pump set at 357 ft. Reported yield 35 gal/min. <u>1</u>
* 901	City of Muenster	Percy Frost Drilling Co.	1951	710	10 8	460 710	Kca	1,050	317 341 359	1957 Oct. 1959 1970	S, E 20	P	Cemented to 460 ft. Gun perforated at 415 ft; 8-inch pipe perforated. Pump set at 413 ft. Reported yield 147 gal/min May 1960. <u>2</u>
* 902	do	Felderhoff Drilling Co.	1953	683	7	683	Kca	975	200 220 271 289	1953 1957 1965 1973	S, E 20	P	Cemented and gun perforated from 440-448; 474-482; 508-558; and 567-570 ft. Pump set at 402 ft. Reported yield 110 gal/min. Temp. 69°F. Converted oil test. <u>2</u>
* 903	do	J. E. Richards and Son	1939	618	8 6	-- 618	Kca	990	186 319	Aug. 1939 1976	S, E 20	P	Perforated from 563-618 ft. Pump set at 431 ft. Measured yield 150 gal/min on May 13, 1960. <u>1</u> <u>2</u>
904	Associated Milk Producers, Inc.	--	1926	583	7 5	425 583	Kca	985	--	--	N	Ind	Perforated. Cemented to 425 ft. <u>1</u>
* 905	Ben Luke	A. J. Rohmer	1971	165	7	165	Kca	1,055	120	July 10, 1971	J, E	D	Perforated from 145-165 ft. Gravel packed. Pump set at 147 ft. Drawdown 15 ft pumping 20 gal/min when drilled. <u>1</u>
* 906	Muenster Livestock Commission Co.	do	1973	124	7	124	Kca	1,018	74	Feb. 22, 1974	J, E	D, S, Ind	Cemented to 50 ft. Perforated from 95-122 ft. Gravel packed. <u>1</u>
* 907	Walter Bartel	do	1973	174	7	174	Kca	1,075	124	May 18, 1973	S, E	D	Cemented from 95-110 ft. Perforated from 146-170 ft. Gravel packed. Drawdown 30 ft pumping 15 gal/min in 1973. <u>1</u>
* 908	City of Muenster	J. E. Richards and Son	1945	672	10 8 5	400 672 367	Kca	1,050	--	--	N	N	Perforated from 400-670 ft. Gravel packed. Re-worked in 1967. Five-inch casing surface to 367 ft. Perforated from 352-353 ft. Well abandoned. <u>1</u> <u>2</u>
909	Chuck Bartush	B and B Well Service	1964	617	10 6	530 617	Kca	1,062	360 367.0	Jan. 5, 1964 Mar. 17, 1977	S, E 40	Irr	Cemented to 530 ft. Slotted from 533-543; 572-582; 586-600; and 607-617 ft. Gravel packed. Pump set at 485 ft.
910	do	do	1964	628	10 6	507 628	Kca	1,064	368.4	Mar. 17, 1977	S, E 40	Irr	Cemented to 507 ft. Slotted at 7 intervals from 507-628 ft. Gravel packed. Drawdown 110 ft pumping 180 gal/min when drilled. <u>2</u>
911	J. J. Biffle	A. J. Rohmer	1975	650	7 2	575 650	Kca	995	357.8	Sept. 8, 1977	S, E 1 1/2	D	Cemented to 575 ft. Slotted from 577-595; 607-618; and 630-640 ft. Underreamed. Gravel packed. <u>1</u>
22-601	Alfred Hermes	do	1975	638	7 2	614 638	Kca	950	358 363.2	Sept. 24, 1975 Sept. 8, 1977	S, E 2	D	Cemented to 614 ft. Slotted from 615-633 ft. Gravel packed. Pump set at 420 ft. <u>1</u>
* 701	Lawrence Martin	do	1963	152	7	152	Kca	981	52	Aug. 17, 1963	J, E 1/2	D	Cemented to 52 ft. Perforated from 122-142 ft. Gravel packed. Pump set at 136 ft. <u>1</u>

See footnotes at end of table.



COOKE COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HA-19-22-702	United Electric Motor Service	A. J. Rohmer	1972	170	7	170	Kca	992	120	Sept. 25, 1972	--	D, Ind	Cemented. Perforated from 144-165 ft. Gravel packed. Drawdown 10 ft pumping 20 gal/min when drilled. <u>y</u>
* 703	Cooke County Electric Co-Op	do	1971	662	7	532	Kca	1,015	368	Jan. 18, 1971	S, E 10	Ind, Irr	Cemented to 532 ft. Slotted from 535-588 ft. Open hole. Gravel packed. Pump set at 483 ft. Measured yield 50 gal/min in Oct. 20, 1976. <u>y</u> <u>z</u>
704	City of Muenster	Jimmy Jack Biffle	1971	660	7	660	Kca	969	306.0 338.0	May 28, 1971 Aug. 17, 1976	S, E 20	P	Cemented. Gun perforated from 456-474; 479-484; 490-497; and 586-606 ft. Pump set at 399 ft. Measured yield 108 gal/min. Converted oil test. <u>z</u>
801	Town of Myra	A. J. Rohmer	1969	510	7	510	Kca	945	--	--	S, E 10	P	Gravel packed. Pump set at 410 ft. Reported yield 100 gal/min.
23-201	Hubert Felderhoff	Layne-Texas Co.	1942	920	14 8	-- 920	Kca	895	228 298.6	Sept. 7, 1942 June 29, 1960	W	N	Drawdown 157 ft pumping 910 gal/min when drilled. Former Camp Howze No. 5 well. <u>z</u>
401	do	do	1942	891	14 8	891	Kca	930	249 318.7	Aug. 29, 1942 June 29, 1960	W	N	Drawdown 192 ft pumping 385 gal/min on Aug. 29, 1942. Former Camp Howze No. 6 well. <u>z</u>
501	City of Gainesville	do	1942	1,158	--	--	Kca	806	214 305.8	Feb. 20, 1942 June 30, 1960	N	N	Plugged. <u>z</u>
* 502	do	do	1942	940	16 8	553 938	Kca	871	200.0 303.0 355.0	Aug. 13, 1942 Aug. 8, 1960 June 5, 1973	T, E 100	P	Cemented to 553 ft. Screened from 560-582; 598-628; 651-667; 687-767; 790-800; 828-851; and 877-918 ft. Underreamed. Gravel packed. Pump set at 480 ft. Measured yield 500 gal/min on Mar. 17, 1977. Drawdown 102 ft pumping 780 gal/min when drilled and 99 ft pumping 850 gal/min on Aug. 14, 1960. Pumping level 442.0 ft on Mar. 17, 1977. <u>y</u>
* 503	do	do	1942	912	16 8	577 912	Kca	890	219.0 307.0 246.0 317.2 366.0	Aug. 23, 1942 Mar. 20, 1943 Nov. 12, 1953 Aug. 16, 1960 June 5, 1973	T, E 150	P	Cemented to 577 ft. Screened from 660-690; 710-795; and 815-910 ft. Underreamed. Gravel packed. Pump set at 525 ft. Drawdown 156 ft pumping 885 gal/min on Aug. 23, 1942; 54 ft pumping 720 gal/min on Mar. 20, 1943; 142 ft pumping 896 gal/min on Nov. 12, 1953; 117 ft pumping 580 gal/min on Aug. 19, 1960. Pumping level 425 ft at 540 gal/min on Mar. 17, 1977. <u>y</u> <u>z</u>
* 504	C. A. Beck	do	1942	890	16	--	Kca	892	222 302.0 391.8	Sept. 2, 1942 June 29, 1960 Apr. 18, 1977	C, E 1	D, S	Drawdown 152 ft pumping 920 gal/min when drilled. Former Camp Howze No. 4 well. <u>z</u>
* 701	Clarence Zimmerer	A. J. Rohmer	1967	380	7	352	Kca	818	196.3 209.3	Sept. 9, 1970 Nov. 5, 1976	S, E 1 1/2	D	Open hole completion. Gravel packed. <u>y</u> <u>z</u>
702	City of Lindsay	J. L. Myers	1963	799	7 3	732 799	Kca	790	231	July 4, 1963	S, E 10	P	Cemented to 732 ft. Screened from 736-770 ft. Gravel packed. <u>y</u>
703	do	Madewell Drilling Co.	1971	776	7	776	Kca	800	--	--	S, E 20	P	Slotted. Gravel packed. <u>y</u> <u>z</u>
* 802	City of Gainesville	Layne-Texas Co.	1942	842	8 6	609 842	Kca	833	148.0 225.0 275.0	Sept. 26, 1942 Aug. 19, 1959 Aug. 28, 1975	S, E 15	Irr	Cemented to 609 ft. Screened from 626-685; 782-809; and 826-840 ft. Pump set at 550 ft. Drawdown 58 ft pumping 184 gal/min when drilled and 37 ft pumping 75 gal/min on Aug. 19, 1959. <u>y</u>
803	Lone Star Gas Co.	--	--	475	--	--	Kca	752	--	--	N	N	Plugged.

See footnotes at end of table.

COOKE COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
NA-19-23-804	Lone Star Gas Co.	Layne-Texas Co.	1948	902	8 6	659 902	Kca	752	179.0	Sept. 26, 1956	N	N	Cemented to 659 ft. Screened from 666-802 ft. Plugged.
* 805	City of Gainesville	do	1971	927	16 10	620 927	Kca	760	254.0 275.0	Aug. 4, 1971 Mar. 17, 1977	T, E	P	Cemented to 545 ft. Screened from 629-694; 707-749; 760-770; and 805-893 ft. Underreamed. Gravel packed. Pump set at 490 ft. Measured yield 825 gal/min. Drawdown 99 ft pumping 818 gal/min when drilled. Temp. 70°F. <u>1</u> <u>2</u>
" 806	Airport Golf Course	Westbrook Drilling Co.	1970	1,002	7	988	Kca	820	--	--	S, E 15	Irr	Cemented and gun perforated. Reported yield 200 gal/min. Temp. 70°F. <u>1</u>
* 901	City of Gainesville	Layne-Texas Co.	1952	904	10 6	715 904	Kca	787	180.0	May 8, 1952	T, E	P	Cemented to 715 ft. Screened from 723-782 and 798-890 ft. Underreamed. Gravel packed. Pump set at 530 ft. Drawdown 224 ft pumping 375 gal/min on May 8, 1952. Pumping level 270 ft on Mar. 26, 1974. Measured yield 425 gal/min on Mar. 17, 1977. <u>1</u> <u>2</u>
* 902	do	Wham Drilling Co.	1943	953	12	--	Kca	741	133.3 182.6	Feb. 25, 1944 May 11, 1960	T, E	N	<u>1</u>
* 903	do	--	1941	931	15 8	-- 931	Kca	722	74 138.0 171.6 197.0	1941 Jan. 14, 1944 May 30, 1960 Mar. 17, 1977	T, E 40	P	Screened from 767-789; 856-873; and 887-927 ft. Pump set at 350 ft. Measured yield 320 gal/min on May 30, 1960 and 200 gal/min on Mar. 17, 1977. Drawdown 48 ft pumping 400 gal/min on Jan. 4, 1944. Temp. 69°F. <u>1</u>
" 904	do	Faucett and Hall	1912	866	10 8	460 864	Kca	728	110.6 130	Feb. 25, 1944 1952	T, E 40	N	Perforated from 480-520; 640-680; and 800-860 ft. Reported yield 200 gal/min. Temp. 65°F. <u>1</u>
* 905	do	Layne-Texas Co.	1937	1,025	18 10	770	Kca	750	110 180.4 256.0	Sept. 10, 1937 May 13, 1960 Mar. 17, 1977	T, E 50	P	Screened from 776-798; 814-835; 879-921; 936-999; and 1,019-1,022 ft. Pump set at 310 ft. Pumping level 331 ft at 720 gal/min in 1943. Measured yield 200 gal/min on Mar. 17, 1977. <u>1</u>
* 906	do	do	1965	982	18 10	648 982	Kca	763	233.6 280.0	Mar. 6, 1965 Mar. 17, 1977	T, E	P	Cemented to 648 ft. Screened from 754-802; 807-827; 848-855; 866-886; and 906-961 ft. Underreamed. Gravel packed. Pump set at 540 ft. Measured yield 875 gal/min on Mar. 17, 1977. Drawdown 214 ft pumping 800 gal/min when drilled. <u>1</u> <u>2</u>
24-502	Bill Blankinship	Moore Drilling Co.	1964	605	7 5	158 580	Kca	865	327	Mar. 2, 1964	S, E 1 1/2	Ind	Cemented to 158 ft. Open hole completion. Gravel packed. <u>1</u>
503	Ruthco, Inc.	Gene Tumison Well Service	1972	581	7	581	Kca	865	--	--	C, E 3/4	Ind	Cemented from 201-581 ft. Gun perforated from 499-500 and 538-543 ft. <u>1</u> <u>2</u>
602	Callisburg Water Supply Corporation	--	1953	1,200	7 3	1,075 1,130	Kca	838	--	--	S, E 25	P	Cemented to 1,075 ft. Screened from 1,073-1,092 and 1,115-1,130 ft. Converted oil test. <u>2</u>
* 603	Camp Sweeney	Brown and Martin	1956	1,347	5	1,347	Kca	795	328.8	Apr. 18, 1977	S, E 5	P	Slotted. Gravel packed. <u>2</u>
604	Callisburg Water Supply Corporation	Westbrook Drilling Co.	1973	1,150	8 7	-- --	Kca	830	--	--	S, E	P	<u>2</u>
702	Texas Youth Council	Layne-Texas Co.	1948	1,238	10 6	890 1,238	Kca	880	321.3 395.2	June 29, 1960 Mar. 22, 1977	T, E 30	P	Cemented to 890 ft. Screened from 956-1,021 and 1,165-1,228 ft. Underreamed. Gravel packed. Pumping level 358 ft at 250 gal/min when drilled. <u>1</u> <u>2</u>
703	do	Allen Drilling	--	1,300	7	1,300	Kca	860	--	--	T, E 10	P	Gun perforated from 900-920 and 1,200-1,220 ft. Converted 3,000 ft oil well. Reported yield 35 gal/min.

See footnotes at end of table.

COOKE COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
HA-19-24-704	Vergil Taylor	Moore Drilling Co.	1964	528	5	505	Kca	800	327 225	Mar. 30, 1964 Mar. 23, 1977	S, E 3	--	Open hole completion. Gravel packed. Drawdown 73 ft pumping 24 gal/min when drilled. <u>1</u>
* 801	J. W. Russell	A. J. Rohmer	1964	580	7	564	Kca	790	265.0 279.9	Sept. 7, 1970 Nov. 4, 1976	S, E 1 1/2	D	Open hole completion. Gravel packed. <u>1</u> <u>3</u>
* 804	Woodbine Water Supply Corporation	Westbrook	1971	1,282	7	1,165 1,282	Kca	878	--	--	S, E	P	Cemented to 1,165 ft. Screened from 1,170-1,282 ft. <u>1</u> <u>3</u>
902	Willie Overstreet	do	1972	1,341	7	1,103 1,221	Kca	880	--	--	S, E 7 1/2	P	Cemented to 1,103 ft. Screened from 1,117-1,137 and 1,201-1,221 ft. Open end sand packed.
903	J. R. Nelson	Northern Pump Co.	1941	1,200	10	1,200	Kca	742	--	--	S, E 15	Irr	Cemented oil well in 1972. Gun perforated from 746-754; 860-861; 877-881; 931-934; 1,002-1,010; and 1,124-1,136 ft. Pump set at 500 ft. <u>2</u>
29-201	Vincent Felderhoff	A. J. Rohmer	1974	400	7 2	369 400	Kca	1,040	289.0	Sept. 14, 1977	S, E 2	D	Cemented to 369 ft. Slotted from 371-391 ft. Gravel packed. Pump set at 336 ft. <u>1</u>
302	James Roake	Gene Tumison Well Service	1973	515	4	477	Kca	960	300	July 11, 1973	S, E 1 1/2	D	Cemented from 417-477 ft. Open hole completion and gravel packed. Pump set at 420 ft. <u>1</u> <u>2</u>
401	Dameron and Gilbert	A. J. Rohmer	1973	300	7 2	262 300	Kca	862	60	Dec. 15, 1973	T, E	Irr	Cemented to 262 ft. Slotted from 263-300 ft. Gravel packed. <u>1</u>
602	Buckner Baptist Benevolences Boys Camp	Moore Drilling Co.	1968	283	5	243	Kca	978	132	Aug. 10, 1968	S, E 1 1/2	P	Open hole completion. Gravel packed. Drawdown 18 ft pumping 10 gal/min when drilled. <u>1</u>
30-201	Town of Myra	Marvin Moore	1925	305	5	--	Kca	940	185.6 189.0	Sept. 8, 1970 Nov. 4, 1976	S, E 1 1/2	P	Measured yield 22 gal/min in 1975. <u>3</u>
* 701	Tom Staubach	Tatum Bros.	1970	260	5	250	Kca	973	139.8 179.6	Sept. 8, 1970 Nov. 4, 1975	C, E 1	D	Cemented from 220-250 ft. Open hole completion. <u>1</u> <u>3</u>
702	Kenneth Klement	A. J. Rohmer	1972	604	7 2	560 604	Kca	961	344 381.3	Mar. 20, 1972 Sept. 14, 1977	S, E 5	D, S	Slotted from 560-590 ft. Pump set at 440 ft. Drawdown 30 ft pumping 30 gal/min when drilled. <u>1</u>
31-201	James Geray	--	1958	350	6	--	Kca	854	245.9 252.3	Sept. 8, 1970 Nov. 4, 1976	W	D	<u>3</u>
* 302	City of Gainesville	Layne-Texas Co.	1957	997	18 10	721 997	Kca	732	148.5 175 176.9 249.0	Mar. 28, 1959 May 11, 1960 July 1, 1960 Mar. 17, 1977	T, E	P	Cemented to 721 ft. Screened from 726-766; 787-797; 806-811; 826-846; 868-888; and 908-978 ft. Underreamed. Gravel packed. Pump set at 500 ft. Measured yield 580 gal/min on Mar. 17, 1977. Pumping level 291 ft at 709 gal/min when drilled. Drawdown 148 ft pumping 720 gal/min on Mar. 28, 1959 and 114 ft pumping 750 gal/min on May 11, 1960. Temp. 92°F. <u>1</u> <u>2</u>
* 501	Texas Department of Highways and Public Transportation	Brazos Exploration Service	1967	860	7 3	974 846	Kca	755	220	June 6, 1967	S, E 10	P, Irr	Cemented to 794 ft. Slotted from 794-846 ft. Open hole. Underreamed. Drawdown 50 ft pumping 40 gal/min when drilled. <u>1</u>
901	do	do	1967	900	7 3	811 850	Kca	755	226	May 30, 1967	S, E 10	P, Irr	Cemented to 811 ft. Screened from 811-850 ft. Open hole. Underreamed. <u>1</u>
32-102	Loch-Tracy Engineering Co.	Gene Tumison Well Service	1975	408	4	383	Kca	690	225	Dec. 10, 1975	S, E 3	Ind	Cemented from 348-408. Open hole. Gravel packed. <u>1</u>
* 301	J. V. Thurman	Herman Tatum	1965	680	--	--	Kca	765	200	Sept. 7, 1970	S, E 1	D	<u>1</u>

See footnotes at end of table.

COOKE COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HA-19-32-302	Kiowa Utilities Corp.	Layne-Texas Co.	1968	1,301	16 10	1,000 1,301	Kca	710	227 282.0	Aug. 6, 1968 Mar. 29, 1977	T, E 250	P	Cemented to 700 ft. Screened from 1,010-1,055; 1,065-1,105; 1,120-1,135; 1,200-1,210; and 1,220-1,275 ft. Underreamed. Gravel packed. Pump set at 520 ft. Drawdown 324 ft pumping 800 gal/min when drilled. <u>y</u> <u>y</u>
501	T. T. Hodge	Gene Tumison Well Service	1972	564	7	537	Kca	730	200	Feb. 18, 1972	S, E 3	Ind	Cemented from 425-537 ft. Open hole. Gravel packed. <u>y</u>
502	Ken Fomby	do	1974	650	4 1	553 556	Kca	745	250	July 5, 1974	S, E 1	D	Cemented from 490-553. Plastic screen from 546-556 ft. Open hole. Gravel packed. <u>y</u> <u>y</u>
* 603	Lake Kiowa, Inc.	Moore Drilling Co.	1967	584	7 5	82 532	Kca	722	269	Nov. 20, 1967	S, E 3	P	Cemented to 82 ft. Open hole. Gravel packed. Pump set at 345 ft. Reported yield 18 gal/min. <u>y</u>
604	Nocona Hills Sales Corp.	Gene Tumison Well Service	1972	92	7	68	Kgw	735	30 26.8	June 8, 1972 Mar. 24, 1977	S, E 1	D	Cemented to 68 ft. Open hole completion. Reported yield 25 gal/min. <u>y</u>
* 801	Carl Freeman	--	1973	550	--	--	Kca	680	260.9 295.8	Nov. 6, 1973 Nov. 4, 1976	S, E	D	<u>y</u>
802	do	Herman Tatum	1968	60	4	60	Kcw	680	11.8 11.1 14.4	Sept. 7, 1970 Nov. 4, 1971 Nov. 15, 1972	N	N	Destroyed. <u>y</u>
37-201	Tom Sangster	A. J. Rohmer	1969	248	--	--	Kca	855	147.8 110.5 114.4	Sept. 8, 1970 Feb. 6, 1971 Nov. 5, 1971	S, E	D	Gravel packed. <u>y</u>
* 38-201	Era School	Marvin Moore	--	400	4	--	Kca	942	--	--	S, E	N	--
301	Era Water Supply Corporation	J. L. Myers Sons	1963	794	8 4 2	672 734 794	Kca	925	300 395.0	Aug. 1963 Apr. 4, 1977	S, E 20	P	Cemented to 672 ft. Screened from 674-714 and 724-734 ft. Gravel packed. Pump set at 515 ft. Drawdown 110 ft pumping 150 gal/min when drilled. <u>y</u> <u>y</u>
39-301	City of Valley View	--	1935	817	10 6	500 817	Kca	710	50 120	1944 May 1960	S, E 25	P	Perforated. Pump set at 450 ft. Reported yield 165 gal/min in 1944 and 200 gal/min May 1960.
302	do	--	1912	400	4	--	Kca	705	180	Mar. 28, 1977	N	N	Capped.
303	Gregg Underwood	Charley L. Moore Drilling Co.	1963	395	5	352	Kca	695	187 192	Apr. 19, 1963 Mar. 28, 1977	S, E 1 1/2	Ind	Open hole. Gravel packed. <u>y</u>
* 401	Bolivar Water Supply Corporation	J. L. Myers Sons	1974	900	7 3	760 900	Kca	814	305 326.0	Nov. 15, 1974 Apr. 4, 1977	S, E 20	P	Cemented to 760 ft. Screened from 760-781; 801-811; 816-837; 862-867; and 876-881 ft. Underreamed. Gravel packed. Pump set at 491 ft. Measured yield 118 gal/min on Mar. 27, 1975. Drawdown 72 ft pumping 100 gal/min when drilled. <u>y</u> <u>y</u>
* 40-101	John Brown	--	1900	70	--	--	Kgw	657	20.3 21.7	Sept. 8, 1970 Nov. 4, 1976	C, E 1	D	<u>y</u>
201	Mountain Springs Water Supply Corporation	J. L. Myers Sons	1972	1,424	7 3	1,338 1,424	Kca	780	345 374.0	Apr. 11, 1972 Apr. 4, 1977	S, E 20	P	Cemented to 1,338 ft. Screened from 1,338-1,358 and 1,376-1,396 ft. Underreamed. Gravel packed. Pump set at 512 ft. Drawdown 70 ft pumping 100 gal/min when drilled. <u>y</u> <u>y</u>
* 202	Pioneer Valley	Madewell Drilling Co.	1972	1,200	7 3	1,012 1,062	Kca	750	392.7	Apr. 4, 1977	S, E 30	P	Slotted from 1,012-1,062 ft. Gravel packed. Pump set at 693 ft. Measured yield 150 gal/min on Apr. 4, 1977. <u>y</u>

See footnotes at end of table.

COOKE COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
HA-19-40-301	Ed Ingram	Herman Tatum	1969	105	5	105	Kgw	690	60.5 55.7 56.0 56.2	Sept. 7, 1970 Feb. 26, 1971 Nov. 4, 1971 Nov. 15, 1972	J, E	D	Gravel packed. Perforated plastic casing. <u>1</u>
302	do	--	--	--	--	--	Kgw	685	60.5 62.1	Sept. 7, 1970 Nov. 4, 1976	G, E	N	<u>2</u>
303	Garland Hall	Gene Tumison Well Service	1972	1,600	4	1,600	Kca	723	200	Sept. 26, 1972	S, E 2	D	Cemented to 1,600 ft. Gun perforated from 1,134-1,140 ft. Pump set at 450 ft. Converted oil test. <u>2</u>
304	-- Gibson	Westbrook Drilling Co.	1971	228	4	122	Kgw	640	45 40.6	Feb. 1, 1971 Mar. 30, 1977	S, E 1	N	Open hole completion. <u>1</u> <u>2</u>
501	H. M. Anderson	B and B Well Service	1965	545	5	520	Kca	662	268	Aug. 1965	S, E 1	D, S	Cemented to 520 ft. Gun perforated from 454-458 and 492-498 ft. <u>1</u> <u>2</u>

\* For chemical analyses of water, see Table 4.

1 Drillers' log in files of the Texas Department of Water Resources.

2 Geophysical logs in files of the Texas Department of Water Resources.

3 For water-level measurements, see Table 3.

# COOKE COUNTY

**Table 2.—Selected Oil and Gas Tests**

Logs in Texas Department of Water Resources files

Well	Operator	Lease and well	Date drilled	Depth (ft)	Approximate land surface elevation (ft)
HA-18-17-501	Virgil Taylor and Pace Bros.	Sophie Brooks No. 1	Dec. 11, 1957	3,550	810
25-105	Couch Oil Co.	Maggie Phillips No. 3	July 12, 1966	4,445	736
19-21-502	Texaco, Inc.	Peter Bindel No. 1	Mar. 17, 1960	2,250	1,137
24-705	Magnolia Petroleum Co.	Gainesville Jr. College No. 5	Aug. 1, 1959	2,700	775
32-602	J. R. and Adam Seitz	C. L. Links No. 1	Mar. 3, 1958	3,805	745
40-601	R. H. Lynn	Clint Jacobs No. 2	Feb. 24, 1956	1,552	630

# COOKE COUNTY

## Table 3.—Water Levels in Selected Wells

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HA-18-01-801</b>		<b>Well HA-19-15-101</b>		<b>Well HA-19-16-802—Continued</b>	
Owner: Burrell Ranch		Owner: Vin Morris		Nov. 4, 1976	173.7
July 25, 1958	154.1	Sept. 8, 1970	209.3	Nov. 1, 1977	164.5
Sept. 7, 1970	181.3	Feb. 27, 1971	209.5	<b>Well HA-19-21-101</b>	
Feb. 25, 1971	179.3	Nov. 4, 1971	213.1	Owner: Roy Redman	
Nov. 4, 1971	186.0	Nov. 14, 1972	217.9	Sept. 8, 1970	144.8
Nov. 14, 1972	181.7	Nov. 6, 1973	216.4	Feb. 27, 1971	143.9
Nov. 6, 1973	184.8	Nov. 13, 1974	221.8	Nov. 3, 1971	137.2
Nov. 12, 1974	182.9	Nov. 7, 1975	226.7	Nov. 15, 1972	132.8
Nov. 7, 1975	188.2	Nov. 5, 1976	233.3	Nov. 5, 1973	133.5
Nov. 5, 1976	194.1	Nov. 10, 1977	222.6	Nov. 5, 1975	140.6
Nov. 15, 1977	189.6	<b>Well HA-19-15-701</b>		Nov. 5, 1976	138.1
<b>Well HA-18-17-401</b>		Owner: Moss Lake Estates		Nov. 10, 1977	139.7
Owner: C. W. Strickland		Sept. 9, 1970	155.9	<b>Well HA-19-21-601</b>	
July 23, 1969	78	Feb. 27, 1971	140.9	Owner: J. D. Fleitman	
Sept. 7, 1970	80.4	Nov. 4, 1971	152.6	Sept. 9, 1970	174.7
Nov. 4, 1971	95.0	Nov. 14, 1972	159.3	Feb. 27, 1971	170.5
Nov. 14, 1972	96.3	Nov. 6, 1973	160.3	Nov. 3, 1971	171.0
Nov. 6, 1973	96.3	Nov. 13, 1974	166.4	Nov. 15, 1972	157.7
Nov. 12, 1974	95.3	Nov. 7, 1975	172.6	Nov. 5, 1973	171.6
Nov. 7, 1975	98.5	Nov. 5, 1976	177.1	Nov. 5, 1975	177.5
Nov. 4, 1976	95.6	Mar. 14, 1977	179.6	Nov. 5, 1976	181.2
Nov. 1, 1977	95.0	Nov. 10, 1977	256.6*	Nov. 10, 1977	181.0
<b>Well HA-19-13-802</b>		<b>Well HA-19-16-802</b>		<b>Well HA-19-21-903</b>	
Owner: Dick Harris		Owner: Vernon Morrison		Owner: City of Muenster	
Sept. 8, 1970	76.7	Nov. 17, 1965	105	Aug. 1939	186
Feb. 27, 1971	76.2	Sept. 7, 1970	119.6	1953	247
Nov. 3, 1971	78.1	Feb. 26, 1971	157.2	1956	273
Nov. 15, 1972	77.8	Nov. 4, 1971	171.0	1961	304
Nov. 5, 1973	77.9	Nov. 6, 1973	181.0	1964	319
Nov. 5, 1976	76.5	Nov. 12, 1974	178.9	1968	318
Nov. 10, 1977	77.1	Nov. 7, 1975	159.3		

\* Pumping level



# COOKE COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HA-19-21-903—Continued</b>		<b>Well HA-19-30-201—Continued</b>		<b>Well HA-19-32-801</b>	
1973	329	Nov. 3, 1971	160.6	Owner: Carl Freeman	
1976	319	Nov. 15, 1972	148.0	Nov. 6, 1973	260.9
<b>Well HA-19-23-701</b>		Nov. 5, 1973	138.1	Nov. 12, 1974	275.5
Owner: Clarence Zimmerer		Nov. 13, 1974	148.0	Nov. 5, 1975	306.0
Sept. 5, 1967	180	Nov. 4, 1975	169.0	Nov. 4, 1976	295.8
Sept. 9, 1970	196.3	Nov. 4, 1976	189.0	Nov. 1, 1977	290.8
Feb. 26, 1971	197.3	Nov. 10, 1977	190.0	<b>Well HA-19-40-101</b>	
Nov. 15, 1972	199.5	<b>Well HA-19-30-701</b>		Owner: John Brown	
Nov. 6, 1973	200.7	Owner: Tom Staubach		Sept. 8, 1970	20.3
Nov. 13, 1974	206.1	Sept. 8, 1970	139.8	Feb. 26, 1971	21.0
Nov. 4, 1975	210.8	Nov. 5, 1971	167.4	Nov. 4, 1971	21.7
Nov. 5, 1976	209.3	Nov. 5, 1973	151.5	Nov. 15, 1972	22.9
Nov. 10, 1977	212.9	Nov. 12, 1974	161.0	Nov. 6, 1973	20.5
<b>Well HA-19-24-801</b>		Nov. 4, 1975	179.6	Nov. 12, 1974	20.8
Owner: J. W. Russell		<b>Well HA-19-31-201</b>		Nov. 7, 1975	21.2
Sept. 7, 1970	265.0	Owner: James Geray		Nov. 4, 1976	21.7
Feb. 26, 1971	251.0	Sept. 8, 1970	245.9	Nov. 1, 1977	22.2
Nov. 4, 1971	257.1	Feb. 26, 1971	236.2	<b>Well HA-19-40-302</b>	
Nov. 14, 1972	255.8	Nov. 5, 1971	242.8	Owner: Ed Ingram	
Nov. 6, 1973	264.2	Nov. 15, 1972	247.7	Sept. 7, 1970	60.5
Nov. 12, 1974	264.6	Nov. 5, 1973	242.7	Feb. 26, 1971	59.0
Nov. 7, 1975	274.0	Nov. 12, 1974	249.7	Nov. 4, 1971	60.4
Nov. 4, 1976	279.9	Nov. 4, 1975	253.1	Nov. 15, 1972	60.5
Nov. 1, 1977	283.5	Nov. 4, 1976	252.3	Nov. 6, 1973	59.6
<b>Well HA-19-30-201</b>		Nov. 10, 1977	255.9	Nov. 12, 1974	61.1
Owner: Town of Myra				Nov. 7, 1975	59.6
Sept. 8, 1970	185.6			Nov. 4, 1976	62.1
Feb. 26, 1971	186.0			Nov. 1, 1977	59.6

COOKE COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kca, Antlers Formation; Kgw, Washita Group; Kgw, Woodbine Group.

Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids.

Analyses by Texas Department of Health.

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HA-18-01-801	Kca	200	Feb. 25, 1971	10	--	1	1	250	--	500	62	22	1.8	1.5	--	595	8	960	8.9	99	42.3	8.0
801	Kca	200	Aug. 16, 1976	11	--	2	1	254	--	550	59	21	1.7	1.0	--	621	6	979	8.5	98	36.6	8.8
17-401	Kgw	235	Feb. 25, 1971	12	--	2	1	145	--	317	28	29	.4	< .4	--	373	9	595	8.2	97	20.9	5.0
401	Kgw	235	Nov. 1, 1977	11	--	6	1	153	--	344	29	30	.4	< .4	--	399	20	691	7.9	95	15.2	5.2
25-103	Kca	1,100	Sept. 15, 1971	--	--	3	1	184	--	390	35	6	.2	1.5	--	447	8	780	9.0	97	23.5	6.1
103	Kca	1,100	Feb. 3, 1976	--	0.0	2	1	179	--	389	32	7	.2	1.8	--	640	6	804	9.1	98	25.8	6.1
104	Kca	1,468	July 7, 1976	--	.2	4	1	252	--	410	40	134	.4	< .4	--	634	14	1,200	8.6	97	29.2	6.4
402	Kgw	190	Sept. 23, 1976	14	25.9	23	5	36	--	123	14	31	.2	< .4	--	210	80	324	8.4	50	1.7	.4
33-101	Kca	835	do	12	--	1	1	255	--	500	95	18	.6	1.8	--	630	4	1,036	8.9	99	43.1	8.0
201	Kca	857	do	12	--	1	1	256	--	488	90	18	.5	2.0	--	620	4	1,038	9.0	99	43.3	7.8
19-13-802	Kca	113	Feb. 27, 1971	21	--	127	14	10	--	372	52	18	.3	6.5	--	431	374	659	7.3	5	.2	.0
802	Kca	113	Aug. 16, 1976	22	--	112	9	10	--	326	42	14	.3	7.0	--	376	317	594	7.8	6	.2	.0
14-301	Kca	528	Mar. 14, 1977	13	--	27	8	432	--	384	49	484	.2	< .4	--	1,202	99	2,080	8.0	90	18.7	4.2
15-101	Kca	342	Feb. 27, 1971	12	--	1	2	233	--	411	41	78	.3	1.5	--	570	11	957	8.9	98	30.9	6.5
101	Kca	342	Aug. 16, 1976	10	--	2	1	239	--	450	40	73	.3	< .4	--	586	5	967	8.5	98	34.4	7.1
102	Kca	480	May 27, 1960	11	--	3	1	228	--	422	47	80	.0	1.0	--	578	14	987	8.2	98	29.1	6.6
102	Kca	480	Mar. 15, 1977	12	.1	2	1	249	--	510	109	17	.3	< .4	--	641	5	988	8.1	98	35.9	8.1
702	Kca	270	May 7, 1966	--	.5	3	0	214	--	361	28	3	.3	< .4	--	505	7	920	9.4	98	34.0	5.7
703	Kca	356	Mar. 14, 1977	14	--	1	1	190	--	422	32	2	.2	< .4	--	448	3	736	8.9	98	32.1	6.7
16-801	Kca	885	Mar. 16, 1977	13	.1	2	1	220	--	471	32	38	.3	< .4	--	538	5	850	8.4	98	31.7	7.5
802	Kca	400	Feb. 26, 1971	12	--	3	1	312	--	640	85	17	1.8	< .4	--	746	8	1,172	8.8	98	39.8	10.2
802	Kca	400	Aug. 16, 1976	12	--	2	1	316	--	700	82	16	1.8	< .4	--	775	5	1,280	8.5	99	45.5	11.2
803	Kca	410	Mar. 16, 1977	12	.2	2	1	358	--	660	130	27	2.8	2.7	--	860	6	1,370	9.0	99	51.6	10.6
21-901	Kca	710	Jan. 22, 1952	12	.2	25	15	128	--	378	59	18	.1	6.0	--	449	124	--	8.2	69	4.9	3.7
901	Kca	710	Dec. 8, 1955	12	.7	22	9	141	--	378	56	21	.1	< .4	--	448	92	--	8.1	77	6.3	4.3
901	Kca	710	May 27, 1960	13	1.7	19	9	132	4.1	360	53	13	.2	2.8	--	440	86	697	7.2	76	6.2	4.2
901	Kca	710	Sept. 12, 1963	--	--	4	2	168	--	367	41	19	.2	< .4	--	425	19	765	8.6	95	17.1	5.6
901	Kca	710	Nov. 19, 1968	--	--	3	2	170	--	367	42	19	.8	< .4	--	418	14	770	8.5	96	18.6	5.7
902	Kca	683	May 27, 1960	11	--	2	1	162	1.5	365	40	12	.1	< .0	1.3	410	9	681	7.9	97	23.3	5.8
902	Kca	683	Oct. 21, 1976	11	--	1	2	163	--	376	36	12	.1	< .4	--	410	13	661	8.3	97	21.6	5.9
903	Kca	618	Feb. 25, 1944	13	--	2	1	162	3.4	315	38	12	.0	2.0	--	388	9	--	8.0	96	23.3	4.9
903	Kca	618	Dec. 17, 1956	--	.1	2	1	157	--	368	40	16	1.2	< .4	--	410	8	680	8.4	97	22.6	5.8

COOKE COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HA-19-21-905	Kca	165	Oct. 28, 1975	15	--	93	10	35	--	339	61	9	0.2	3.4	--	393	273	615	7.9	22	0.9	0.0
906	Kca	124	do	13	--	12	2	176	--	418	53	9	.2	< .4	--	471	38	765	8.6	91	12.3	6.0
907	Kca	174	do	13	--	73	9	72	--	338	82	11	.2	< .4	--	426	217	660	8.5	42	2.1	1.1
908	Kca	672	Feb. 20, 1950	15	0.2	26	14	127	--	366	61	21	.1	6.0	--	450	123	--	7.6	69	4.9	3.5
22-701	Kca	152	Oct. 28, 1975	16	--	75	7	59	--	348	58	7	.2	1.2	--	394	217	615	7.7	37	1.7	1.3
702	Kca	170	do	15	--	87	8	50	--	356	52	7	.2	< .4	--	394	250	635	8.0	30	1.3	.8
703	Kca	662	Oct. 21, 1976	11	--	2	1	166	--	378	37	12	.1	3.0	--	417	9	676	8.5	98	23.9	6.0
23-502	Kca	940	July 1, 1957	--	.1	2	0	223	--	--	41	35	.2	< .4	--	483	4	805	8.7	99	43.4	--
502	Kca	940	May 27, 1960	12	--	1	0	218	0.9	421	43	34	.2	1.2	1.2	518	4	885	8.5	99	60.0	6.8
503	Kca	912	Nov. 1, 1955	18	--	2	1	212	--	384	59	25	.2	< .4	--	506	9	--	8.6	98	30.5	6.1
503	Kca	912	July 1, 1957	--	.2	2	1	213	--	--	37	24	.2	< .4	--	450	6	750	8.7	98	30.7	--
504	Kca	890	Apr. 18, 1977	10	.1	1	1	209	--	464	39	3	.3	1.3	--	492	6	787	8.9	99	35.3	7.4
701	Kca	380	Feb. 26, 1971	10	--	1	1	225	--	434	62	5	.3	1.5	--	519	6	846	9.2	99	38.0	6.9
701	Kca	380	Aug. 16, 1976	12	--	2	1	227	--	497	61	5	.3	.8	--	553	7	887	8.8	98	32.7	7.9
802	Kca	840	Oct. 1, 1942	--	.6	1	0	190	--	378	30	13	.0	.0	--	421	5	--	8.8	99	52.3	6.1
805	Kca	927	Mar. 29, 1977	13	--	3	1	178	--	390	32	12	.2	1.1	--	432	8	705	8.9	97	22.7	6.1
806	Kca	1,002	do	12	.1	2	1	184	--	387	34	12	.2	< .4	.3	436	6	733	9.0	98	26.5	6.1
901	Kca	904	Nov. 17, 1955	11	--	2	1	181	--	384	27	14	.1	< .4	--	425	9	--	8.7	98	26.1	6.1
901	Kca	904	July 1, 1957	--	.1	2	0	184	--	--	27	8	.2	< .4	--	390	5	650	8.7	99	35.8	--
901	Kca	904	May 28, 1960	12	--	2	1	175	.8	403	28	3	.2	.0	--	420	7	716	8.4	97	25.2	6.4
901	Kca	904	Aug. 18, 1976	12	--	3	1	172	--	387	26	5	.2	< .4	--	409	7	686	9.0	97	21.9	6.1
902	Kca	953	Nov. 1, 1953	57	.1	2	10	191	--	465	32	32	.6	.7	--	554	--	--	8.8	90	12.2	6.6
903	Kca	931	Feb. 25, 1944	10	--	4	1	194	3.0	340	31	58	.2	1.0	--	469	13	--	7.8	96	22.4	5.2
903	Kca	931	Nov. 17, 1955	11	.2	4	1	220	--	384	35	85	.2	< .4	--	547	14	--	8.4	97	25.4	6.0
904	Kca	864	Mar. 2, 1944	13	--	2	1	196	1.9	386	31	5	.2	1.2	--	441	8	--	8.6	97	28.2	6.1
904	Kca	864	Nov. 17, 1955	37	.5	2	1	201	--	421	31	14	.2	< .4	--	498	9	--	8.8	98	28.9	6.7
905	Kca	1,025	Feb. 25, 1944	9	--	2	1	170	3.1	348	26	10	.2	1.2	--	393	8	--	7.9	97	24.5	5.5
905	Kca	1,025	Nov. 1, 1953	14	.1	2	12	158	--	433	27	11	.2	--	--	437	--	--	8.7	86	9.3	6.0
905	Kca	1,025	Nov. 17, 1955	8	--	2	1	187	--	378	29	25	.2	< .4	--	438	9	--	8.5	98	26.9	6.0
905	Kca	1,025	July 1, 1957	--	.1	2	1	200	--	350	31	20	.2	.9	--	427	7	710	8.6	98	28.8	5.5
906	Kca	982	Mar. 6, 1965	8	.2	2	1	193	--	414	31	28	--	--	--	466	8	780	8.7	98	27.8	6.6
24-603	Kca	1,347	Apr. 18, 1977	13	.5	1	1	193	--	442	39	8	.3	< .4	--	473	5	735	8.7	98	32.6	7.1
801	Kca	580	Nov. 14, 1972	10	--	1	1	258	--	500	67	11	.7	1.0	--	595	8	1,018	9.2	99	43.6	8.0

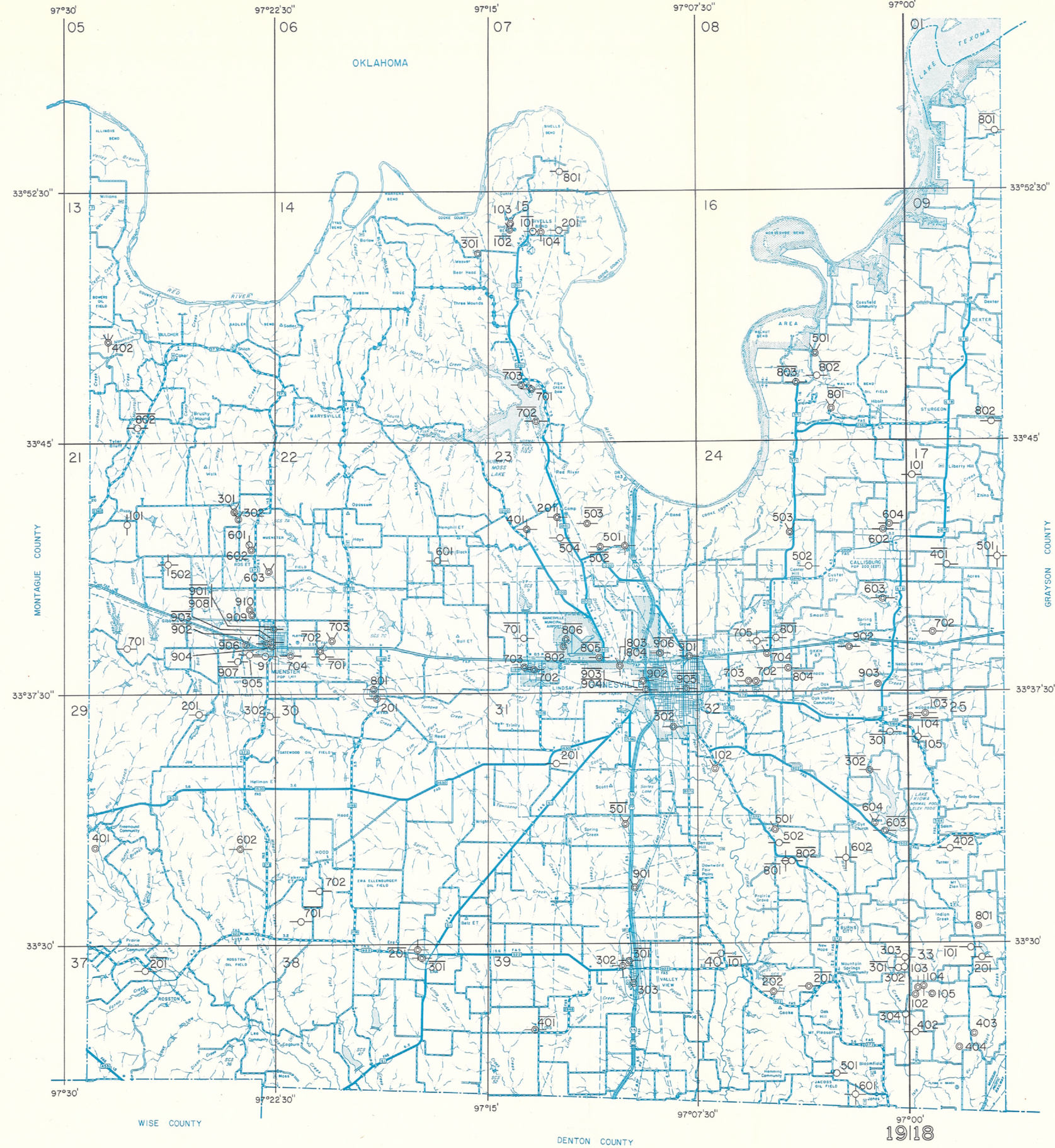
COOKE COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (microhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HA-19-24-801	Kca	580	Aug. 16, 1976	12	--	4	1	227	--	421	30	91	0.3	< 0.4	--	572	14	946	8.2	97	26.3	6.6
804	Kca	1,282	Feb. 3, 1976	--	0.0	3	1	213	--	406	31	76	.3	.9	--	525	10	980	8.5	98	27.2	6.4
30-701	Kca	260	Feb. 26, 1971	15	--	4	3	150	--	384	23	6	.1	< .4	--	390	23	600	8.1	94	13.8	5.8
701	Kca	260	Aug. 18, 1976	13	--	6	1	152	--	388	24	7	.1	.5	--	394	20	618	8.2	95	15.1	5.9
31-302	Kca	997	Mar. 29, 1957	14	.2	3	1	208	--	383	29	62	--	--	--	505	11	877	8.6	97	26.5	6.0
302	Kca	997	Mar. 31, 1960	--	.1	3	0	200	--	389	34	45	.1	2.3	--	475	13	855	8.8	98	31.8	6.2
302	Kca	997	May 27, 1960	12	--	3	1	204	0.9	404	30	64	.2	.0	--	513	12	--	8.2	97	26.0	6.3
302	Kca	997	Aug. 18, 1976	12	--	3	1	172	--	423	27	5	.2	< .4	--	428	9	674	8.5	97	21.9	6.7
501	Kca	860	Mar. 23, 1977	13	--	3	1	181	--	388	31	7	.2	1.2	--	428	7	702	9.0	97	23.1	6.1
32-301	Kca	680	Feb. 26, 1971	12	--	1	1	254	--	471	81	15	.6	2.0	--	598	8	956	9.1	99	42.9	7.5
301	Kca	680	Aug. 18, 1976	12	--	2	1	256	--	500	85	14	.5	1.8	--	618	7	1,000	8.9	98	36.9	8.0
302	Kca	1,301	Aug. 5, 1968	10	--	4	1	257	--	416	36	140	.0	.7	--	653	--	1,100	8.3	98	29.7	6.5
302	Kca	1,301	Dec. 30, 1976	--	.0	3	1	175	1.0	377	32	7	.2	< .4	--	405	7	763	9.0	97	22.3	5.9
603	Kca	584	Mar. 29, 1977	13	--	4	1	174	--	425	32	8	.2	< .4	--	441	9	695	8.4	96	20.1	6.6
801	Kca	550	Aug. 18, 1976	11	--	2	1	307	--	600	97	28	1.4	.9	--	743	8	1,172	8.6	99	44.2	9.6
802	Kcw	60	Nov. 15, 1972	28	--	224	84	179	--	267	426	457	.7	< .4	--	1,530	910	2,300	6.7	30	2.5	.0
37-201	Kca	248	Nov. 5, 1971	11	--	3	2	171	--	368	36	12	.1	< .4	--	416	17	685	8.9	96	18.7	5.7
201	Kca	248	Aug. 18, 1976	11	--	3	1	174	--	389	34	12	.1	< .4	--	426	8	694	8.8	97	22.2	6.1
38-201	Kca	400	May 5, 1961	11	--	1	0	208	--	396	36	8	.3	1.5	--	460	1	845	8.8	99	57.3	6.4
301	Kca	794	Sept. 12, 1963	--	.2	3	0	170	--	371	26	5	.1	< .4	--	420	7	759	9.1	98	27.0	5.9
39-301	Kca	817	Feb. 25, 1944	12	.0	1	0	187	2.6	457	30	6	.2	1.2	--	464	6	--	8.0	99	51.5	7.4
301	Kca	817	June 17, 1945	15	.1	6	1	188	--	446	41	14	.4	< .4	--	424	19	--	8.8	96	18.7	--
401	Kca	900	Nov. 14, 1974	--	.1	3	1	200	--	327	50	18	.1	.0	--	494	10	800	9.0	97	25.5	5.1
40-101	Kcw	70	Feb. 26, 1971	17	--	119	9	46	--	323	24	91	.1	6.5	--	471	334	777	7.3	23	1.0	.0
101	Kcw	70	Aug. 16, 1976	18	--	127	4	71	--	323	28	132	.2	1.9	--	540	334	914	7.6	32	1.6	.0
201	Kca	1,424	Apr. 11, 1972	--	.2	5	2	287	--	317	19	212	.2	.2	--	718	19	1,190	8.6	97	27.4	4.7
202	Kca	1,200	Mar. 24, 1976	--	.1	1	1	180	--	370	31	7	.2	< .4	--	435	4	780	9.1	98	30.4	5.9
301	Kgw	105	Feb. 26, 1971	10	--	6	2	154	--	298	60	39	.2	1.8	--	419	24	660	7.6	94	13.9	4.4
301	Kgw	105	Nov. 1, 1977	11	3.8	12	2	150	2.0	301	68	39	.2	1.2	--	437	39	697	7.7	89	10.5	4.1

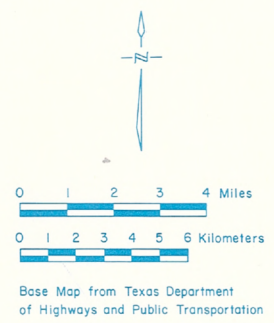


1918



EXPLANATION

- Public supply well
- ⊕ Industrial well
- ⊙ Irrigation well
- Domestic or livestock well
- ⊕ Oil or gas well
- ⊗ Test hole
- Unused or abandoned well
- Solid circle indicates flowing well
- Line above well number indicates chemical analysis given in Table 4



Location of Selected Water, Oil, and Gas Wells in Cooke County

1918



DALLAS COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.  
 Water level : Reported water levels given in feet; measured water levels given to the nearest tenth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; E, electric; G, gasoline, butane, or diesel engine; H, Hand; J, Jet; N, none;  
 S, submersible; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Kcpa, Paluxy Formation; Kctm, Twin Mountains Formation; Kga, Austin Group; Kgw, Woodhina Group; Qal, Alluvium.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
HR-32-08-301	U. S. Geological Survey	Corps of Engineers	1951	269	6	145	Kgw	487	24.2 36.9	Oct. 8, 1951 June 24, 1975	N	N	Slotted from 105-145 ft and open hole from 145-269 ft. <u>3</u>
* 601	City of Coppell	J. L. Myers Sons	1955	1,066	12 8	45 965	Kcpa	500	470 -- 410.0	July 2, 1973 -- Dec. 13, 1976	T, E 50	P	Cemented to 965 ft. Screened from 963-1,065 ft. Underreamed. Gravel packed. Pump set at 640 ft. Pumping level 509 ft on July 2, 1973. <u>1 2</u>
* 602	do	H. C. Millican	1946	293	5 4	260 293	Kgw	500	--	--	N	N	Plugged well. <u>1</u>
603	Southwest Contracting Co.	C. M. Stoner Drilling Co.	1972	378	4	378	Kgw	528	220	May 31, 1972	N	N	Plant abandoned. Well capped. Cemented to bottom. Gun perforated from 350-358 and 372-373 ft. <u>1</u>
604	H. B. Zachry	Stoner Drilling, Inc.	1977	378	6	378	Kgw	530	198.0	Apr. 10, 1978	S, E 15	Ind	Slotted opposite sands. Pump set at 336 ft. <u>1</u>
605	do	do	1977	340	6	340	Kgw	550	--	--	S, E 20	Ind	Slotted opposite sands. Pump set at 294 ft. <u>1</u>
901	Bozeman and House	Geyer Drilling Co.	1975	390	4	390	Kgw	520	270	Sept. 27, 1975	S, E 1	D	Cemented to bottom. Gun perforated from 358-362 ft. Pump set at 326 ft. Temp. 70°F. <u>1 2</u>
902	American Textronics	A. B. Hoipkemeier Drilling Co.	1976	402	4	402	Kgw	570	250	Sept. 22, 1976	S, E 2	Ind	Cemented to bottom. Gun perforated from 314-318; 326-330; and 339-343 ft. <u>1 2</u>
16-301	Mid-County Asphalt Co.	do	1967	405	6	405	Kgw	555	--	--	N	N	Cemented to bottom. Gun perforated from 231-238; 246-254; 317-321; and 373-377 ft. <u>1 2</u>
302	City of Irving	--	--	1,100	7	--	Kcpa	530	525	Apr. 5, 1974	S, E 30	N	Pump set at 710 ft. Drawdown 55 ft on Apr. 5, 1974.
* 601	Westside Trailer Park	A. B. Hoipkemeier Drilling Co.	1968	439	4	426	Kgw	520	215	Nov. 26, 1968	J, E 1	P	Cemented to bottom. Gun perforated from 296-303 and 373-380 ft. <u>1 2</u>
602	Temple Gypsum Co.	J. L. Myers Sons	1962	271	9 6	136 271	Kgw	522	--	--	S, E 5	Ind	Screened from 136-160; 168-202; and 208-242 ft. Pump set at 220 ft. <u>1</u>
901	Larry Glassmayer	Dallas Drilling Co.	1968	230	4	230	Kgw	490	140	Feb. 6, 1968	S, E 3/4	Irr	Cemented to 140 ft. Perforated from 146-160 ft. Pump set at 168 ft. <u>1</u>
902	Lion Country Safari	Ticknor Drilling Ser.	1972	195	4	195	Kgw	445	120	Apr. 23, 1972	S, E 1	Ind	Cemented to bottom. Gun perforated from 176-186 ft. Pump set at 147 ft. Reported yield 15 gal/min. <u>1 2</u>
903	do	do	1972	210	4	210	Kgw	447	--	--	S, E 1	Ind	Cemented to bottom. Gun perforated from 99-101; 160-163; 180-184; 193-195; and 200-207 ft. Pump set at 189 ft. Yield 12 gal/min. <u>1 2</u>
904	do	do	1972	205	4	205	Kgw	440	--	--	S, E 1	Ind	Open hole from 168-205 ft. Pump set at 147 ft. Reported yield 15 gal/min. <u>1</u>
905	C. B. Drinnan	E. C. Stone Water Well Drilling Co.	1967	386	4	252	Kgw	461	60	Sept. 20, 1967	S, E 1	D	Cemented to 220 ft. Gun perforated from 177-180; 199-202; and 217-220 ft. <u>1 2</u>

See footnotes at end of table.

## DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HR-32-16-906	A. W. Sowell	Ticknor Drilling Ser.	1968	286	4	286	Kgw	449	150	Sept. 25, 1973	S, E 3	Irr	Cemented to bottom. Gun perforated from 140-150 and 264-268 ft. Pumping level 240 ft at 21 gal/min when drilled. Temp. 41°F. <u>2</u>
* 907	do	do	1973	190	4	190	Kgw	452	85	Apr. 13, 1973	S, E 5	Irr	Cemented to bottom. Gun perforated from 130-150 and 168-178 ft. Gravel packed. Reported yield 77 gal/min. Temp. 72°F. <u>1</u> <u>2</u>
* 908	do	do	1974	191	4	191	Kgw	448	--	--	S, E 3	Irr, Ind	Gun perforated from 137-158; 172-174; and 177-183 ft. Gravel packed. Temp. 72°F. <u>2</u>
509	do	Dallas Drilling Co.	1968	320	4	320	Kgw	438	160	Dec. 4, 1968	S, E 1	D, S	Cemented to 260 ft. Perforated from 260-270 ft. Pump set at 210 ft. Reported yield 15 gal/min. <u>1</u>
* 24-302	City of Grand Prairie	J. L. Myers Sons	1954	1,151	18 13 8	60 942 1,151	Kcpa	510	565.0 608.0	Sept. 20, 1956 Sept. 17, 1970	S, E 100	P	Cemented to 942 ft. Screened from 851-1,151 ft. Pump set at 817 ft. Measured yield 482 gal/min on June 17, 1971. Pumping level 895.0 ft on Apr. 22, 1975, and 558 ft on July 20, 1959. Temp. 85°F. <u>1</u> <u>3</u>
* 303	do	do	1950	2,077	20 13 10 6	54 800 1,930 2,077	Kctm	535	360 868.0	Apr. 4, 1952 1974	S, E 100	P	Screened from 1,940-2,050 ft. Pump set at 1,050 ft. Measured yield 590 gal/min on June 11, 1973. Pumping level 670.0 ft on Oct. 18, 1956; 606.0 ft at 483 gal/min on Aug. 11, 1954; and 920.0 ft on Apr. 22, 1975. <u>1</u> <u>2</u> <u>3</u>
* 304	do	do	1954	1,092	18 13 8	60 960 1,092	Kcpa	536	642.0	Jan. 24, 1974	S, E 100	P	Screened from 965-1,090 ft. Pump set at 822 ft. Measured yield 234 gal/min on Sept. 28, 1969. Pumping level 635 ft Mar. 1960, and 790.0 ft on Apr. 22, 1975. <u>1</u>
* 305	do	Layne-Texas Co.	1946	2,047	13 10 6	700 1,773 1,869	Kctm	550	482.0 533.0 862.0	Dec. 30, 1954 Apr. 6, 1956 Mar. 25, 1975	S, E 100	P	Pump set at 1,054 ft. Measured yield 340 gal/min. Pumping level 597.0 ft at 415 gal/min on Apr. 13, 1956 and 874.0 ft on Apr. 22, 1975.
* 306	do	J. L. Myers Sons	1952	2,067	16 10 6	802 1,892 2,065	Kctm	510	230 356.4 438.3 576.0	Apr. 15, 1952 Jan. 26, 1953 Apr. 29, 1954 Oct. 18, 1956	S, E 100	P	Cemented to 1,892. Screened from 1,895-2,045 ft. Pump set at 1,051 ft. Measured yield 236 gal/min on Oct. 17, 1971. Pumping level 669 ft on Sept. 20, 1956; 592.0 ft at 614 gal/min on Aug. 12, 1954; 585.0 ft on July 11, 1955; and 869.0 ft on Feb. 8, 1975. <u>1</u> <u>2</u> <u>3</u>
307	do	Texas Water Wells Inc.	1974	2,070	9	2,062	Kctm	525	848 721.0	Aug. 12, 1974 Aug. 19, 1975	S, E 350	P	Cemented to 1,876 ft. Screened from 1,880-1,996 and 2,036-2,052 ft. Underreamed. Gravel packed. Pump set at 1,501 ft. Measured yield 750 gal/min on Apr. 4, 1975. Pumping level 1,820 ft at 972 gal/min when drilled and 945.0 ft on Feb. 22, 1975. <u>1</u> <u>2</u>
* 308	do	J. L. Myers Sons	1942	345	8 6	293 345	Kgw	530	130	Mar. 1942	T, E 15	N	Perforated Temp. 71°F. <u>1</u>
* 309	do	do	1943	2,029	10	--	Kctm	550	197	June 27, 1943	N	N	<u>1</u> <u>2</u>
* 310	do	do	1942	283	8	210	Kgw	550	160	Dec. 1942	T, E 7 1/2	N	Open hole from 210-283 ft. <u>1</u>
311	do	--	1925	370	5	--	Kgw	530	--	--	N	N	Plugged.
* 312	do	J. L. Myers Sons	1938	372	8	372	Kgw	530	70	May 20, 1938	N	N	Plugged. Temp 73°F. <u>1</u>
* 313	do	do	1941	419	10 8 6	52 247 408	Kgw	530	125 166	May 1942 Aug. 1942	N	N	Perforated opposite water sands. Plugged. Temp. 73°F. <u>1</u>

See footnotes at end of table.

DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface datum (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
HR-32-24-314	City of Grand Prairie	J. L. Myers Sons	1942	474	8 6 4 2	274 360 403 474	Kgw	530	190	Feb. 1942	N	N	Perforated in 6-inch and 4-inch casing opposite water sands. 12.5-inch surface casing to 44 ft. Plugged. <u>Y</u>
315	do	do	1942	401	10	--	Kgw	550	--	--	N	N	Plugged. Dry hole. <u>Y</u>
* 316	do	Sharp and Braley	1910	1,000	8 6	-- --	Xopa	550	206.3	Mar. 24, 1941	N	N	Pumping level 237 ft at 23 gal/min on Mar. 24, 1941. Abandoned in 1942.
602	Grand Prairie School District	Dallas Drilling Co.	1967	370	4	370	Kgw	530	195	Jan. 14, 1967	S, E 3	Irr	Cemented from 180-285 ft. Perforated from 285-343 ft. Pump set at 273 ft. <u>Y</u>
* 603	KKDA Radio Station	A. B. Hoipkemeier Drilling Co.	1966	319	4	319	Kgw	549	--	--	S, E 3/4	P	Cemented to bottom. Gun perforated from 216-222 and 292-296 ft. Temp. 72°F. <u>Y</u> <u>Z</u>
* 604	Bellah Vista Mobile Home Park	E. C. Stone Water Well Drilling Co.	1969	391	4	391	Kgw	520	225	Oct. 8, 1969	S, E 3	P	Cemented to bottom. Gun perforated from 284-294 and 340-351 ft. Pump set at 378 ft. Reported yield 15 gal/min. Temp. 74°F. <u>Y</u> <u>Z</u>
605	Lilly Yendt	Geyer Drilling Co.	1975	319	4	319	Kgw	555	220	May 17, 1975	S, E	D	Cemented to bottom. Gun perforated from 306-310 ft. Pump set at 268 ft. Drawdown 10 ft pumping 10 gal/min. <u>Y</u> <u>Z</u>
* 901	W. A. Alspaugh	E. C. Stone Water Well Drilling Co.	1971	356	4	343	Kgw	522	189.9 194.4	July 12, 1971 Nov. 14, 1974	S, E 1	D	Open hole from 343-356 ft. Pump set at 252 ft. <u>Y</u>
* 902	Shady Creek Water Cooperative	do	1968	446	4	446	Kgw	528	200 263.2	June 8, 1968 May 5, 1975	S, E 1	P	Cemented to bottom. Gun perforated from 312-319 ft. Pump set at 294 ft. Reported yield 16 gal/min. Temp. 73°F. <u>Y</u> <u>Z</u>
903	do	do	1969	386	4	386	Kgw	532	220	July 22, 1969	S, E 3	P	Cemented to bottom. Gun perforated from 301-303; 307-311; 341-349; and 366-375 ft. Pump set at 338 ft. Reported yield 12 gal/min. <u>Y</u> <u>Z</u>
904	Texas Soaring Assoc.	do	1972	425	4	425	Kgw	533	180	Apr. 12, 1972	S, E	P	Cemented to bottom. Gun perforated from 309-314; 325-327; 350-352; 370-372; and 418-422 ft. Pump set at 315 ft. Reported yield 20 gal/min. <u>Y</u> <u>Z</u>
905	V. J. Mitchell	Ticknor Drilling Ser.	1968	258	4	221	Kgw	535	165	Dec. 18, 1968	S, E 1	D	Gravel packed and open from 221-258 ft. Pump set at 210 ft. <u>Z</u>
* 32-301	J. P. Day	Day Drilling Co.	1966	314	7	314	Kgw	525	158.0 155.9	Oct. 22, 1970 Nov. 8, 1973	S, E 2	D	Cemented to 152 ft. Slotted. Pump set at 180 ft. Gravel packed. Temp. 70°F. <u>Y</u> <u>Z</u>
303	Bill Carter	E. C. Stone Water Well Drilling Co.	1967	410	4	410	Kgw	500	140	Jan. 25, 1967	W	D	Cemented to bottom. Gun perforated from 330-339 ft. Drawdown 20 ft at 16 gal/min when drilled. <u>Y</u> <u>Z</u>
* 33-01-101	City of Coppell	J. L. Myers Sons	1968	2,028	16 8 4	38 1,843 1,987	Kctm	512	420 555.0	Feb. 18, 1968 Dec. 13, 1976	T, E 50	P	Cemented to 1,843 ft. Screened from 1,843-1,970 ft. Underreamed. Gravel packed. Pump set at 655 ft. Drawdown 60 ft at 235 gal/min when drilled. <u>Y</u>
201	J. Fred Smith Gravel Co.	do	1954	503	9 7	26 470	Kgw	442	80	Oct. 19, 1954	N	N	Cemented to 470 ft. Completed from 424-470 ft. Reported yield 100 gal/min. Plugged. <u>Y</u>
202	Long Manufacturing Co.	James T. Marshall	1973	432	5	432	Kgw	450	110	Aug. 15, 1973	S, E 1	Ind	Cemented to bottom. Perforated from 310-314; 336-338; 354-357; and 420-428 ft. Pump set at 378 ft. Pumping level 275 ft at 14 gal/min when drilled. <u>Y</u> <u>Z</u>
* 301	City of Dallas	J. L. Myers Sons	1957	2,318	20 13 9	1,115 2,017 2,318	Kctm	473	269 257.9	May 7, 1959 Apr. 14, 1961	T, E 400	P	Screened from 2,017-2,052; 2,063-2,070; 2,085-2,170; and 2,185-2,260 ft. Pump set at 1,000 ft. Reported yield 1,257 gal/min. Gravel packed. <u>Y</u> <u>Z</u>

See footnotes at end of table.



## DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HR-33-01-302	City of Dallas	Layne-Texas Co.	1957	2,275	30 20 13 9	36 1,100 1,985 2,313	Kctm	460	288 272	Mar. 16, 1957 Apr. 8, 1957	T, E 800	P	Screened from 1,990-2,025 and 2,040-2,200 ft. Pump set at 1,000 ft. Drawdown 160 ft on Mar. 16, 1957 pumping 1,739 gal/min. Temp. 100°F. <u>Y Z</u>
* 401	Dallas Power and Light Co.	J. L. Myers Sons	1958	1,144	8 4	1,009 1,144	Kcpa	505	230	Mar. 5, 1958	S, E 15	P	Cemented to 1,009 ft. Screened from 1,009-1,040; 1,065-1,090; and 1,112-1,132 ft. Underreamed. Gravel packed. Pump set at 400 ft. Pumping level 260 ft at 76 gal/min when drilled. Reported yield in 1975 is 75 gal/min. <u>Y Z</u>
501	J. Fred Smith Gravel Co.	do	1959	515	9 7	20 447	Kgw	430	90	July 2, 1959	N	N	Cemented to 20 ft. Perforated from 440-447 ft. Reported yield 100 gal/min. Plugged. <u>Y</u>
* 502	Freeway Ready Mix, Inc.	A. B. Hoipkemeier Drilling Co.	1968	550	4 2	454 550	Kgw	437	90	Oct. 16, 1968	S, E 1	Ind	Cemented to 454 ft. Slotted plastic from 450-550 ft. Pump set at 189 ft. Reported yield 35 gal/min. Gun perforated from 380-391 and 425-434 ft. Temp. 74°F. <u>Y Z</u>
* 601	City of Carrollton	J. L. Myers Sons	1948	2,338	10 7 5	700 2,201 2,338	Kctm	500	150 434.0	1953 Oct. 30, 1970	T, E 100	P	Screened from 2,201-2,338 ft. Pump set at 650 ft. Reported yield 525 gal/min. Pumping level 385 ft on Oct. 24, 1956, and 395 ft at 530 gal/min in 1955. <u>Y Z</u>
* 602	do	C. H. Gardner	1929	320	6 4	314 320	Kgw	500	150	1959	N	N	Perforated from 300-320 ft. Reported yield 50 gal/min. Plugged.
* 603	City of Farmers Branch	J. L. Myers Sons	1947	558	8 6	463 558	Kgw	465	--	--	N	N	Perforated from 463-531 ft. Reported yield 85 gal/min. Plugged.
604	City of Carrollton	C. H. Gardner	1940	410	6 4	388 410	Kgw	500	65 150	1940 1942	N	N	Reported yield 15 gal/min. Plugged.
702	E. R. Byer Estate	Layne-Texas Co.	1955	1,164	8 4	995 1,154	Kcpa	470	226	July 20, 1955	--	D, S	Cemented to 995 ft. Screened from 1,005-1,055 and 1,090-1,120 ft. Gravel packed. Underreamed. Pumping level 352 ft at 320 gal/min. <u>Y Z</u>
801	C. J. Bender	Pierce Pump Co.	1968	318	4	290	Kgw	525	92	Oct. 16, 1968	S, E	D	Cemented to 290 ft. Open hole. Reported yield 13 gal/min. <u>Y</u>
802	do	do	1968	320	4	294	Kgw	522	92	Oct. 29, 1968	S, E 1	D	Cemented to 294 ft. Gun perforated from 242-248; 270-276; and open hole from 294-320 ft. <u>Y</u>
* 803	Del-Tex Pipe Inc.	do	1970	258	4	258	Kgw	423	100	Aug. 24, 1970	S, E 1 1/2	Ind	Cemented to 258 ft. Gun perforated from 210-218; 220-224, and 245-252 ft. Pump set at 231 ft. <u>Y Z</u>
804	Hydro Conduit Corporation	J. L. Myers Sons	1961	379	4 2	345 379	Kgw	435	100	Sept. 1961	S, E 1 1/2	Ind	Cemented to 345 ft. Screened from 345-365 and 367-377 ft. <u>Y</u>
* 805	Hackberry Ranch	do	1955	1,187	10 6	1,040 1,187	Kcpa	495	--	--	T, E 50	P, S	Cemented to 1,040 ft. Screened from 1,040-1,155 ft. Gravel packed. Underreamed. Pumping level 320 ft at 300 gal/min when drilled. Temp. 88°F. <u>Y Z</u>
903	Technical Chemical Co.	Pierce Pump Co.	1970	523	4 2	451 523	Kcpa	428	84	June 9, 1970	S, E 1 1/2	Ind	Screened from 453-459 and 489-502 ft. Gravel packed. Pump set at 252 ft. <u>Y</u>
* 904	Charles S. Peeples	do	1971	31	34	31	Qal	449	12	Apr. 2, 1971	J, E 3/4	Irr	Gravel packed. Pump set at 25 ft. Drawdown 8 ft pumping 15 gal/min when drilled. Temp. 80°F. <u>Y</u>
02-101	Columbian Club	J. L. Myers Sons	1955	1,488	10 6	1,310 1,488	Kcpa	532	213.5	Feb. 10, 1955	T, E 50	P	Cemented to 1,310 ft. Screened at 13 intervals between 1,307-1,485 ft for a total of 108 ft. Underreamed. Gravel packed. Reported yield 225 gal/min.

See footnotes at end of table.

DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HR-33-02-102	City of Carrollton	Layne-Texas Co.	1974	2,515	24 16 10	28 2,230 2,475	Kctm	535	522.0	May 27, 1975	T, E 500	P	Cemented to 2,230 ft. Screened from 2,245-2,290 and 2,330-2,455 ft. Underreamed. Gravel packed. Pump set at 1,000 ft. Reported yield 1,711 gal/min. Pumping level 762 ft at 1,697 gal/min on May 27, 1975 and 650.0 ft on Aug. 16, 1974. Temp. 105°F. <u>1</u> <u>2</u>
103	Warren Clark Development Co.	J. L. Myers Sons	1969	1,566	7 3	1,413 1,566	Kepa	552	375	Aug. 6, 1969	S, E 5	Irr	Cemented to 1,413 ft. Screened from 1,413-1,455; 1,493-1,524; and 1,533-1,559 ft. Gravel packed. Pump set at 600 ft. <u>1</u>
* 201	City of Addison	do	1957	2,778	12 8 7 6	15 1,009 2,615 2,778	Kctm	635	200	1961	T, E 50	N	City changed to surface water. <u>1</u> <u>2</u>
* 203	Bent Tree Country Club	do	1973	2,775	12 7	1,310 2,775	Kctm	613	--	--	T, E 125	Irr	Cemented to 2,596 ft. Slotted from 2,596-2,751 ft. <u>1</u> <u>2</u>
* 204	do	do	1973	2,786	12 7	1,329 2,786	Kctm	610	--	--	T, E 125	Irr	Cemented to 2,601 ft. Slotted from 2,601-2,757 ft. <u>1</u> <u>2</u>
303	Warren Clark Land Developer Co.	J. L. Myers Co.	1976	1,170	7 3	1,115 1,170	Kgw	670	443	May 28, 1976	S, E 20	Irr	Cemented to 1,115 ft. Screened from 1,115-1,157 ft. Gravel packed. Pump set at 550 ft. Reported yield 85 gal/min. <u>1</u> <u>2</u>
401	Greenhill School	J. L. Myers Sons	1959	1,656	7 3	1,539 1,655	Kepa	608	410	Sept. 9, 1959	S, E 7 1/2	P	Cemented to 1,539 ft. Screened from 1,539-1,639 ft. Gravel packed. <u>1</u> <u>2</u>
* 402	Brookhaven Country Club	do	1959	2,565	10 7 5	1,017 2,401 2,557	Kctm	530	--	--	T, E 100	Irr	Mill slotted from 2,400-2,534 ft. Temp. 106°F. <u>1</u> <u>2</u>
403	do	do	1968	2,600	10 7	1,024 2,590	Kctm	543	--	--	T, E 100	Irr	Cemented to bottom. Gun perforated from 2,376-2,388; 2,440-2,464; and 2,474-2,534 ft. Pump set at 610 ft. <u>1</u>
* 405	C. S. Hamilton	Layne-Texas Co.	1937	800	7 5 4	655 -- 740	Kgw	630	--	--	C, E 5	D, S	Plugged back to 690 ft. <u>1</u>
* 902	Electronic Data Systems	do	1973	1,047	7 3	978 1,047	Kgw	500	380	Aug. 7, 1973	S, E 25	Irr	Cemented to 978 ft. Screened from 978-1,009 and 1,014-1,035 ft. Underreamed. Gravel packed. Pump set at 616 ft. Temp. 92°F. <u>1</u> <u>2</u>
903	do	do	1974	1,031	7 3	969 1,031	Kgw	500	315	Dec. 6, 1974	S, E 25	Irr	Cemented to 969 ft. Screened from 969-1,026 ft. Underreamed. Gravel packed. Pump set at 552 ft. <u>1</u> <u>2</u>
* 904	City of Dallas	Texas Water Wells, Inc.	1956	3,053	13 10 6	1,121 2,814 3,026	Kctm	630	547	Feb. 2, 1957	T, E 400	P	Cemented to 2,814 ft. Screened from 2,816-3,016 ft. Underreamed. Gravel packed. Pump set at 900 ft. Pumping level 702.5 ft at 953 gal/min when drilled. <u>1</u> <u>2</u>
905	Reynolds Childrens Home	R. H. Dearing and Sons	1927	1,020	6 5	935 1,020	Kgw	550	204.3	Aug. 24, 1942	N	N	Perforated from 935-1,020 ft. <u>1</u>
906	Glen Lakes Country Club	J. L. Myers Sons	1939	1,125	8 7	994 1,125	Kgw	550	170	Apr. 3, 1939	N	N	<u>1</u>
* 03-201	Lone Star Cement Co.	do	1969	1,277	7 3	1,210 1,277	Kgw	638	380	May 5, 1969	S, E 15	Ind	Cemented to 1,210 ft. Screened from 1,210-1,250 ft. Gravel packed. Pump set at 550 ft. Temp. 74°F. <u>1</u> <u>2</u>

## DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
HR-33-03-204	Spring Park Development	J. L. Myers Co.	1977	1,406	7 3	1,289 1,406	Kgw	540	380	Dec. 28, 1977	S, E	Irr	Cemented to 1,289 ft. Screened from 1,289-1,320 and 1,325-1,372 ft. Pump set at 627 ft. <u>1</u> <u>2</u>
* 401	City of Richardson	J. L. Myers Sons	1952	3,333	13 8 6	813 3,027 3,331	Kctm	645	220 395	June 1952 1958	T, E 150	N	Screened from 3,027-3,180 ft. Pumping level 616 ft on Oct. 23, 1956, and 700 ft at 700 gal/min in 1956. Reported yield 700 gal/min when drilled, 600 gal/min in 1953, and 485 gal/min in 1955. <u>1</u> <u>2</u>
* 402	do	do	1947	2,068	10 7 5	800 1,875 2,068	Kcpa	645	375	1958	N	N	Cemented to 1,875 ft. Slotted from 1,875-1,976 ft. Yield 100 gal/min when drilled and 85 gal/min in 1955. <u>1</u> <u>2</u>
403	Restland Memorial Park	do	1939	1,166	8 7	990 1,166	Kgw	565	345.4	June 11, 1975	N	N	Perforated from 980-1,003; 1,058-1,092; and 1,150-1,160 ft. <u>1</u>
* 404	City of Buckingham	Big State Drilling Co.	1950	1,254	6	1,142	Kgw	624	309	Apr. 14, 1951	T, E 25	P	Underreamed. Gravel packed. Drawdown 42 ft pumping 139 gal/min when drilled. <u>2</u>
* 405	City of Richardson	R. H. Dearing and Sons	1925	1,947	8 6	1,816 1,947	Kcpa	630	191	Sept. 12, 1929	N	N	Perforated from 1,786-1,947 ft. Reported yield 121 gal/min. Plugged. Temp. 106°F. <u>1</u>
601	City of Garland	J. L. Myers Sons	1942	3,540	--	--	Kctm	550	--	--	N	N	Plugged. <u>2</u>
* 801	do	do	1945	3,488	20 13 7 5	10 687 3,236 3,488	Kctm	618	--	--	T, E 125	N	Cemented to 3,156 ft. Perforated from 3,203-3,488 ft. Reported yield 500 gal/min in 1956.
* 802	Claude Smith	--	1900	25	24	--	Kga	590	8.89 3.97	Feb. 16, 1971 Nov. 15, 1974	N	N	<u>3</u>
901	City of Garland	Layne-Texas Co.	1952	3,689	18 10 8	860 3,420 3,689	Kctm	545	416.0 434.4	Oct. 29, 1970 Nov. 7, 1974	T, E 250	N	Screened from 3,422-3,492; 3,506-3,546; and 3,556-3,688 ft. Pumping level 311 ft at 1,230 gal/min when drilled and 541.0 ft on Oct. 26, 1956. Temp. 124°F. <u>1</u> <u>2</u> <u>3</u>
* 902	do	T. E. Shutt	1922	2,303	10 8 6 4	-- -- -- --	Kcpa	545	109 119	Mar. 1932 1936	N	N	Perforated 147 ft. Drawdown of 166 ft at 173 gal/min in 1936. Temp. 106°F. <u>1</u>
* 903	do	J. L. Myers Sons	1942	3,633	--	3,454	Kctm	585	--	--	T, E 125	N	Reported yield 525 gal/min in 1956. <u>1</u> <u>2</u>
* 904	do	do	1949	3,626	26 16 10 8	20 806 3,386 3,626	Kctm	546	232	1955	T, E 200	N	Screened from 3,352-3,592 ft. Reported yield 1,016 gal/min in 1956. <u>1</u>
* 905	do	Layne-Texas Co.	1936	2,318	10 7 5	512 2,204 2,318	Kcpa	575	150 169 194	Oct. 9, 1936 1939 1945	N	N	Perforated from 2,220-2,318 ft. Drawdown 167 ft at 278 gal/min in 1936 and 139 ft at 275 gal/min in 1939. Plugged. Temp. 105°F. <u>1</u>
* 04-801	City of Rowlett	J. L. Myers Sons	1954	2,658	12 8 7 5	58 803 2,511 2,633	Kcpa	502	177	Apr. 26, 1954	T, E 20	P	Cemented to 2,511 ft. Perforated from 2,466-2,633 ft. Gravel packed. Pump set at 460 ft. Pumping level 279 ft at 140 gal/min when drilled. <u>1</u> <u>2</u>
* 09-101	City of Irving	Layne-Texas Co.	1954	2,134	13 8 6	800 1,925 2,134	Kctm	536	425.0	Feb. 8, 1954	N	N	Cemented to 800 ft. Mill slot screen from 1,925-2,126 ft. Pumping level 487 ft at 510 gal/min when drilled and 611 ft at 550 gal/min on Oct. 19, 1956. Measured yield 625 gal/min in 1961. <u>1</u>

See footnotes at end of table.

DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HR-33-09-102	City of Irving	Layne-Texas Co.	1973	2,140	16 8	1,920 2,140	Kctm	535	771	June 27, 1973	T, E 350	P	Cemented to 1,920 ft. Screened from 1,930-1,950; 1,960-1,970; 1,990-2,040; 2,055-2,087, and 2,092-2,120 ft. Underreamed. Gravel packed. Pump set at 1,000 ft. Pumping level 898 ft at 759 gal/min on June 27, 1973, and 975.0 ft on May 28, 1975. <u>Y Z</u>
" 103	Dallas Community College District	J. L. Myers Sons	1975	1,184	7 3	975 1,184	Kcpa	480	485 500.0	Oct. 20, 1975 Dec. 5, 1977	S, E 25	Irr	Cemented to 975 ft. Screened from 975-1,017; 1,022-1,048; 1,054-1,060; 1,092-1,096, 1,100-1,110; and 1,115-1,131 ft. Underreamed. Gravel packed. Pump set at 700 ft. Drawdown 26 ft pumping 100 gal/min on Oct. 20, 1975. Temp. 87°F. <u>Y Z</u>
201	Las Colinas Golf Course	do	1963	1,202	8 4	1,139 1,200	Kcpa	430	--	--	T, E 40	Irr	Cemented to 1,139 ft. Screened from 1,141-1,196 ft. Underreamed. Gravel packed. <u>Y</u>
202	Las Colinas Corporation	do	1974	1,222	--	--	Kcpa	495	--	--	S, E	Ind	<u>Z</u>
* 203	do	J. L. Myers Co.	1976	1,160	10 5	980 1,160	Kcpa	450	401	Aug. 3, 1976	T, E 60	Irr	Cemented to 980 ft. Screened from 980-1,001; 1,016-1,055; 1,089-1,105; and 1,110-1,160 ft. Gravel packed. Drawdown 60 ft pumping 200 gal/min when drilled. <u>Y Z</u>
" 301	Texas Industries Inc.	Pierce Pump Co.	1959	490	7 5	356 454	Kgw	428	--	--	S, E 7 1/2	Ind	Cemented to 356 ft. Screened from 342-375; 418-454; and open from 450-490 ft. Gravel packed. Pump set at 255 ft. Reported yield 75 gal/min. Temp. 80°F.
401	City of Irving	J. L. Myers Sons	1952	2,094	20 13 8 6	35 712 1,970 2,094	Kctm	490	290	Aug. 29, 1952	T, E 125	N	Screened from 1,948-2,068 ft. Measured yield 470 gal/min in 1961. Pumping level 402 ft at 600 gal/min when drilled. <u>Y</u>
* 402	City of Grand Prairie	Texas Water Wells, Inc.	1965	2,094	26 16 10 6	30 1,200 1,910 2,084	Kctm	482	656	May 20, 1965	S, E 200	P	Cemented to 1,910 ft. Screened from 1,922-2,074 ft. Pump set at 936 ft. Measured yield 565 gal/min on June 23, 1971. Pumping level 771 ft at 726 gal/min when drilled and 754.0 ft on Aug. 2, 1968.
* 403	City of Irving	Layne-Texas Co.	1972	2,117	16 6	1,917 2,117	Kctm	493	678	Apr. 3, 1972	T, E 350	P	Cemented to 1,917 ft. Screened from 1,924-2,077 ft. Underreamed. Gravel packed. Pump set at 100 ft. Pumping level 800 ft at 754 gal/min when drilled and 955 ft on May 1, 1975.
404	W. L. Bush	C. M. Stoner Drilling Co.	1971	1,086	7 4	1,040 1,086	Kcpa	480	525	June 9, 1971	S, D 5	P	Cemented to 1,040 ft. Slotted from 1,040-1,086 ft. <u>Y</u>
* 501	City of Irving	Layne-Texas Co.	1952	2,184	14 8 6	699 1,975 2,184	Kctm	490	241 227.5 441.0	Feb. 22, 1952 June 1952 Sept. 22, 1955	T, E 125	N	Screened from 1,972-2,172 ft. Measured yield 555 gal/min in 1961. Pumping level 341 ft at 550 gal/min on Feb. 22, 1952, and 327.0 ft at 619 gal/min on June 1952. <u>Z</u>
* 502	do	do	1953	2,309	13 8 6	800 2,144 2,309	Kctm	480	342 362 400	Nov. 1953 May 1954 Jan. 1955	T, E 150	N	Screened from 2,144-2,299 ft. Pumping level 418 ft at 500 gal/min when drilled. Measured yield 620 gal/min in 1961. Drawdown 73 ft at 542 gal/min in 1954. <u>Y</u>
* 503	do	J. L. Myers Sons	1945	2,284	10 8 6	617 2,117 2,280	Kctm	487	282 426.7	May 9, 1953 Oct. 1, 1954	T, E 100	N	Perforated from 2,121-2,222 ft. Pumping level 385 ft at 515 gal/min when drilled. <u>Y Z Y</u>
* 504	do	do	1948	2,267	18 13 8 6	52 712 2,112 2,267	Kctm	490	168	Sept. 1948	T, E 100	N	Screened from 2,126-2,238 ft. Pumping level 614.0 ft at 525 gal/min on Oct. 9, 1956. <u>Y Z</u>

See footnotes at end of table.

DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
HR-33-09-506	George Foster	--	1950	325	5	--	Kgw	485	5.4 1.2	Feb. 16, 1971 Nov. 14, 1974	W	N	Y
* 507	City of Irving	Layne-Texas Co.	1972	2,250	16 8	2,093 2,250	Kctm	489	703.5	Oct. 30, 1972	T, E 350	P	Cemented to 2,093 ft. Screened from 2,102-2,125; 2,129-2,169; 2,173-2,214; and 2,220-2,240 ft. Gravel packed. Underreamed. Pump set at 1,000 ft. Pumping level 847 ft at 759 gal/min when drilled and 930.0 ft on May 28, 1975.
508	do	do	1971	2,170	16 8	1,988 2,170	Kctm	490	610.5	Jan. 14, 1972	T, E 350	P	Cemented to 1,988 ft. Screened from 1,999-2,063 and 2,066-2,145 ft. Underreamed. Gravel packed. Pump set at 1,000 ft. Pumping level 702 ft at 703 gal/min when drilled and 935.0 on May 28, 1975.
* 509	do	J. L. Myers Sons	1939	494	8 7	392 494	Kgw	488	118	Dec. 15, 1939	N	N	Perforated from 381-494 ft. Pumping level 174 ft at 125 gal/min when drilled. Plugged. Y
* 510	do	-- Stanley	1924	397	6	--	Kgw	488	108 150	July 1924 1942	N	N	Open hole completion. Reported yield 80 gal/min. Plugged. Temp. 74°F.
* 511	Shady Oaks Trailer Park	A. B. Hoipkemeier Drilling Co.	1969	405	4 2	375 405	Kgw	430	182	Apr. 27, 1969	S, E 5	P	Perforated from 365-405 ft. Y
* 512	C. E. Fann	E. C. Stone Water Well Drilling Co.	1966	505	4	505	Kgw	482	200	May 23, 1966	S, E 3	Ind	Cemented to bottom. Gun perforated from 424-433 and 448-456 ft. Pump set at 410 ft. Drawdown 180 ft at 22 gal/min when drilled. Y Z
601	Petrocarbon Chemicals, Inc.	J. L. Myers Sons	1957	443	7 4	405 443	Kgw	438	190	June 19, 1957	N	N	Cemented to 405 ft. Perforated from 405-443 ft. Y
* 701	City of Grand Prairie	Texas Water Wells, Inc.	1965	2,092	26 15 10 6	30 1,206 1,875 2,049	Kctm	460	653.0 719.0 784.0	July 30, 1965 May 21, 1971 Sept. 21, 1973	S, E 200	P	Cemented to 1,875 ft. Screened from 1,880-2,039 ft. Pump set at 914 ft. Measured yield 398 gal/min on Oct. 16, 1970. Pumping level 728 ft at 776 gal/min on May 4, 1965; 730 ft at 775 gal/min on May 29, 1967; 836.0 ft on June 6, 1973; and 829.0 ft on Feb. 22, 1975. Temp. 94°F. Y Z Z
702	do	--	1950	460	8	--	Kgw	475	--	--	N	N	Reported yield 50 gal/min. Plugged.
* 703	do	J. L. Myers Sons	1953	2,163	20 16 10 6	50 900 1,980 2,163	Kctm	475	369.2 498.7 744.0	July 29, 1953 Apr. 16, 1954 Apr. 3, 1974	S, E 100	P	Screened from 2,006-2,163 ft. Pump set at 1,054 ft. Measured yield 295 gal/min on Apr. 3, 1975. Pumping level 683.0 ft on Oct. 18, 1956, and 834.0 on Apr. 22, 1975. Y Z
* 704	do	do	1966	2,001	24 16 10 6	40 1,203 1,844 2,001	Kctm	441	711.0	Aug. 1, 1972	S, E 200	P	Screened from 1,886-1,928 ft. Pump set at 923 ft. Measured yield 424 gal/min on Oct. 16, 1970. Pumping level 813.0 ft on Apr. 21, 1975. Y Z
* 705	Lion Country Safari	Ticknor Drilling Service	1972	190	4	170	Kgw	440	100	July 12, 1972	S, E 1	D, Ind	Cemented to 170 ft. Open hole from 170-190 ft. Pump set at 147 ft. Reported yield 10 gal/min. Y
706	Quiet Acres Trailer Park	A. B. Hoipkemeier Drilling Co.	1968	291	4 2	243 291	Kgw	420	--	--	S, E 1 1/2	N	Cemented to 243 ft. Perforated from 240-271 ft. Y
* 707	Gifford Hill American, Inc.	J. L. Myers Sons	1951	1,102	5	1,040	Kcpa	418	225	1951	T, E 40	Ind	Pump set at 700 ft. Reported yield 125 gal/min in 1972.
708	do	do	1955	450	7 4	406 450	Kgw	415	156	July 8, 1955	T, E 15	Ind	Screened from 406-450 ft. Gravel packed. Y

See footnotes at end of table.

DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
HR-33-09-801	Trinity River Authority	E. C. Stone Water Well Drilling Co.	1973	475	4	465	Kgw	430	290	Aug. 23, 1973	S, E 1 1/2	Ind	Cemented to 465 ft. Gun perforated from 445-449 ft and open from 465-475 ft. Reported yield 15 gal/min. <u>1</u> <u>2</u>
802	Gifford Hill and Co., Inc.	J. L. Myers Co.	1976	1,180	7 3	1,054 1,180	Kcpa	427	460	Apr. 9, 1976	S, E 25	Ind	Cemented to 1,054 ft. Screened from 1,054-1,090; 1,100-1,110; and 1,129-1,176 ft. Underreamed. Gravel packed. Pump set at 650 ft. Temp. 84°F. <u>1</u> <u>2</u>
901	General Portland Cement Co.	J. L. Myers Sons	1940	1,500	--	--	Kcpa	492	--	--	N	N	--
902	do	do	1950	2,597	10 7	808 2,434	Kctm	575	300	1952	N	N	Screened from 2,410-2,495 and 2,515-2,570 ft. Reported yield 354 gal/min. Plugged. <u>2</u>
903	do	Layne-Texas Co.	1957	2,601	20 13 8	1,742 2,440 2,601	Kctm	564	563	Jan. 9, 1957	T, E 200	Ind	Screened from 2,440-2,584 ft. Pump set at 1,023 ft. Reported yield 500 gal/min. Pumping level 704 ft when drilled and 793.0 ft on June 19, 1972. <u>1</u>
904	Independent Water Co.	C. M. Stoner Drilling Co.	1950	1,325	7	--	Kcpa	413	--	--	N	N	Reported yield 100 gal/min.
905	do	N. C. Andrews	1946	728	4	--	Kgw	413	--	--	T, E	N	Reported yield 30 gal/min.
906	do	do	1947	787	4	--	Kgw	413	--	--	T, E	N	Do.
907	General Portland Cement Co.	B. J. Harper	1908	1,550	8	--	Kcpa	475	+ 40 220	1908 1942	N	N	Reported yield 260 gal/min. Destroyed.
908	do	Layne-Texas Co.	1965	1,557	14 8	1,263 1,514	Kcpa	575	534	Nov. 29, 1965	T, E 100	Ind	Cemented to 1,263 ft. Screened from 1,375-1,400; 1,410-1,452; and 1,472-1,504 ft. Underreamed. Gravel packed. Pump set at 800 ft. Pumping level 657 ft at 340 gal/min when drilled. Temp. 90°F. <u>1</u>
909	Texaco, Inc.	The Texas Co.	1913	2,373	12 8 6 5 4	-- -- -- -- --	Kctm	450	124.7	May 11, 1939	N	N	Perforated from 2,098-2,372 ft. Reported yield 330 gal/min. Temp. 96°F. <u>1</u>
910	do	B. J. Harper	1923	2,485	8	2,195	Kcpa, Kctm	460	149	July 1, 1942	N	N	Gun perforated from 1,415-1,425 and 2,160-2,170 ft. Flowed at 600 gal/min. Stopped flowing in 1926. Pumped at 750 gal/min. Temp. 86°F. <u>1</u> <u>2</u>
911	do	do	1929	1,392	20 12 10	424 1,274 1,392	Kcpa	450	136	1929	N	N	Ten-inch perforated pipe. Temp. 87°F.
10-101	Dallas County Park Cities Water Conservation and Improvement District	Texas Water Wells	1953	2,400	10 8 6	1,010 1,970 2,400	Kctm	440	185.9 341.0	May 14, 1953 Aug. 1956	N	N	Cemented to 1,970 ft. Screened 189 ft in 10 intervals between 1,969-2,389 ft. Drawdown 237 ft pumping 844 gal/min in 1953. Plugged in 1957. <u>3</u>
102	City of Dallas	R. H. and Dearing Sons	1910	1,527	10 8	891 1,377	Kcpa	430	--	--	N	N	<u>1</u>
103	do	do	1910	542	8	344	Kgw	430	--	--	N	N	<u>1</u>
201	Coca Cola Co.	J. L. Myers Sons	1956	1,620	10 6	1,424 1,620	Kcpa	490	338	Dec. 10, 1956	S, E 60	Irr	Cemented to 1,424 ft. Screened from 1,426-1,447; 1,462-1,470; and 1,492-1,600 ft. Underreamed. Gravel packed. Pump set at 700 ft. Reported yield 200 gal/min. <u>1</u> <u>2</u>

See footnotes at end of table.

## DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HR-33-10-202	City of University Park	--	1915	2,850	12	--	Kctm	535	+ 46 105	1915 1942	N	N	Reported yield 550 gal/min in 1923. Plugged. <u>1</u>
203	do	--	--	2,800	--	--	Kctm	558	116.6	June 25, 1942	N	N	Reported yield 420 gal/min. Plugged.
204	City of Highland Park	R. H. Dearing and Sons	1923	2,861	8	2,570	Kctm	515	+ 10 112.0	June 25, 1924 1942	N	N	Open hole from 2,570-2,861 ft. Reported yield 1,000 gal/min. Plugged. <u>1</u>
* 301	Village Country Club	J. L. Myers Sons	1968	1,154	8 4	1,095 1,154	Kgw	580	330 364.4	June 15, 1968 Oct. 15, 1974	T, E 30	Irr	Screened from 1,095-1,135 ft. <u>1</u> <u>3</u>
* 302	Southern Methodist Univ.	Layne-Texas Co.	1925	2,999	8 6 5	580 2,681 2,999	Kctm	579	65 125	Apr. 12, 1925 1942	T, E 25	N	Slotted liner from 2,681-2,999 ft. <u>1</u>
* 401	Eastman Kodak	do	1953	2,689	14 8 6	898 2,434 2,689	Kctm	472	440.0 560.0	Dec. 6, 1965 Nov. 9, 1973	T, E 100	Ind	Screened from 2,435-2,651 ft. Pump set at 730 ft. Pumping level 363 ft at 644 gal/min on July 25, 1953, and 375 ft at 700 gal/min on May 11, 1954. Temp. 109°F. <u>1</u> <u>2</u> <u>3</u>
* 402	Exchange Park Utilities	J. L. Myers Sons	1956	1,527	10 6	1,332 1,527	Kcpa	428	276	Jan. 25, 1956	S, E 50	Ind	Cemented to 1,332 ft. Screened from 1,332-1,360; 1,385-1,390; 1,418-1,457; and 1,475-1,514 ft. Pump set at 700 ft. Reported yield 210 gal/min. Temp. 90°F. <u>1</u> <u>2</u>
* 403	St. Paul's Hospital	do	1938	920	--	--	Kgw	460	--	--	N	N	<u>1</u>
404	City of Dallas	R. H. Dearing and Sons	1910	1,405	10 8	767 1,225	Kcpa	410	--	--	N	N	Open hole from 1,225-1,405 ft. <u>1</u>
405	do	do	1910	693	6	441	Kgw	410	--	--	N	N	Open hole from 441-693 ft. <u>1</u>
501	Dallas Power and Light Co.	Layne-Texas Co.	1948	2,735	14 8 6 4	806 1,454 2,575 2,735	Kctm	414	81.5 105.1 215	Oct. 6, 1948 Nov. 13, 1948 1952	N	N	Cemented to 2,575 ft. Screened from 2,567-2,734 ft. Drawdown 140 ft at 525 gal/min when drilled. Pumping level 557 ft at 624 gal/min Aug. 1954. Plugged. <u>1</u>
502	Neuhoff Brothers Meats	J. L. Myers Sons	1953	774	8 6	695 774	Kgw	400	210	Jan. 28, 1953	T, E 50	Ind	Cemented to 695 ft. Screened from 714-774 ft. <u>1</u>
* 503	do	do	1940	770	12 8	-- 770	Kgw	400	--	--	T, E 50	Ind	Temp. 74°F.
* 504	City of Highland Park	B. J. Harper	1913	2,700	8 6	1,700 2,600	Kctm	500	+ 14.0 + 6.0	June 25, 1942 June 25, 1975	N	P	Open hole from 2,600-2,700 ft. Estimated flow of 5 gal/min in 1975. Temp. 80°F.
505	do	R. H. Dearing and Sons	1924	2,875	8 6	2,560 2,865	Kctm	500	+ 30 116.0	June 1924 June 25, 1942	T, E 150	N	Perforated 314 ft. Reported yield 1,200 gal/min. Originally drilled to 1,740 ft. <u>1</u>
506	Lone Star Industries Inc.	Combs Well Drilling	1969	50	30	50	Qa1	405	--	--	S, E 5	Ind	Reported yield 50 gal/min.
507	City of Dallas	R. H. Dearing and Sons	1907	1,423	10 8	-- --	Kgw, Kcpa	410	+ 51.0	1907	N	N	<u>1</u>
508	do	do	1911	800	--	--	Kgw	410	--	--	N	N	<u>1</u>
509	do	B. J. Harper	1911	2,578	10 8 6 4	-- -- -- --	Kctm	410	+250 + 92	1912 1940	N	N	Perforated from 2,375-2,578 ft. Flowed 315 gal/min in 1923. <u>1</u>

See footnotes at end of table.

DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HR-33-10-510	City of Dallas	--	1902	2,585	10 8 6 4	-- -- -- --	Kcpa, Kctm	410	+290 + 20.0	1902 June 18, 1942	N	N	Six-inch casing perforated from 1,462-1,589 ft. Four-inch casing perforated from 2,120-2,200 ft. <u>y</u>
701	do	J. L. Myers Sons	1952	2,564	20 13 9	880 2,340 2,540	Kctm	418	225.0	Apr. 20, 1953	N	N	Screened from 2,340-2,530 ft. Gravel packed. Pumping level 488 ft at 1,480 gal/min on May 11, 1954; 590 ft at 1,350 gal/min on July 20, 1954; and 643 ft on Oct. 25, 1956. <u>y z y</u>
702	GAP Corporation	Layne-Texas Co.	1953	2,525	14 8 7 5	37 704 2,325 2,525	Kctm	440	222	Mar. 1953	T, E 75	Ind	Cemented to 704 ft. Mill slotted from 2,335-2,430 and 2,445-2,505 ft. Pumping level 335 ft at 200 gal/min when drilled; 526.0 ft on Aug. 27, 1956 at 175 gal/min; and 370 ft at 200 gal/min on Aug. 24, 1955. <u>y z</u>
703	Lone Star Cement Co.	J. L. Myers Sons	1953	2,544	13 8 6	824 2,375 2,544	Kctm	435	200	Apr. 2, 1953	N	N	Screened from 2,375-2,544 ft. Reported yield 385 gal/min. Plugged. <u>y</u>
704	do	do	1956	2,585	13 8 6	1,000 2,385 2,585	Kctm	435	--	--	N	N	Screened from 2,412-2,585 ft. Pumping level 535 ft at 425 gal/min when drilled. Plugged. <u>y</u>
* 705	City of Dallas	R. H. Dearing	1930	2,634	18 8 6	604 2,307 2,634	Kctm	492	335.0 464.7 150	May 18, 1953 Mar. 14, 1956 1941	N	N	Reported yield 930 gal/min in 1935. Pumping level 489 ft at 776 gal/min on Aug. 18, 1953; 535 ft at 705 gal/min in Jan. 1954; and 565 ft at 500 gal/min on Oct. 25, 1956. Drawdown 240 ft at 930 gal/min in 1941. Capped. Temp. 104°F. <u>y z</u>
706	Stevens Plaza Apartments	J. L. Myers Sons	1964	829	4 2	795 829	Kgw	500	405	Mar. 1964	S, E 5	P	Cemented to 795 ft. Screened from 975-825 ft. Gravel packed. <u>y</u>
801	City of Dallas	Texas Water Wells	1953	2,797	19 13 9	880 2,505 2,797	Kctm	425	209.5 318.3 455.1 509.00	May 5, 1953 Mar. 14, 1956 Nov. 11, 1970 Nov. 15, 1974	N	N	Screened from 2,590-2,790 ft. Pumping level 610 ft at 750 gal/min on Oct. 25, 1956 and 375 ft at 618 gal/min in 1953. <u>y z</u>
802	Dallas Power and Light Co.	Layne-Texas Co.	1950	2,728	16 8 6	796 2,495 2,728	Kctm	402	110 412	May 8, 1950 July 3, 1975	T, E 300	Ind	Mill slotted from 2,502-2,707 ft. Pump set at 750 ft. Measured yield 825 gal/min 1975. Pumping level 360 ft at 1,155 gal/min when drilled. <u>y z</u>
* 803	Sears, Roebuck and Co.	R. H. Dearing and Sons	1913	1,658	8 6	-- --	Kcpa	432	--	--	T, E 40	Ind	Reported yield 190 gal/min. Temp. 90°F.
* 804	Dallas Power and Light Co.	do	1924	1,631	12 8 6	615 1,446 1,620	Kcpa	404	183 208	1933 1942	S, E 60	Ind	Completed from 1,446-1,620 ft. Pump set at 429 ft. Measured yield 288 gal/min in 1975. Temp. 96°F. <u>y</u>
805	do	Layne-Texas Co.	1948	2,758	16 8 6	697 2,542 2,758	Kctm	411	44.7 81.6 210 413.0	Apr. 14, 1948 Nov. 13, 1948 1952 July 3, 1975	T, E 150	Ind	Slotted from 2,534-2,735 ft. Pump set at 680 ft. Measured yield 600 gal/min 1975. Pumping level 285.7 ft at 1,041 gal/min on Mar. 12, 1948; 537 ft at 1,090 gal/min July 1955; and 620 ft on Aug. 1956. Temp. 116°F. <u>y z</u>
806	do	do	1950	2,754	16 8 6	801 2,549 2,754	Kctm	414	136 210 373.0	Mar. 9, 1950 1952 July 3, 1975	T, E 300	Ind	Mill slotted from 2,556-2,754 ft. Pump set at 700 ft. Measured yield 900 gal/min 1975. Pumping level 351.0 ft at 1,180 gal/min when drilled. <u>y z</u>

See footnotes at end of table.



## DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HR-33-10-807	Union Terminal Co.	R. H. Dearing and Sons	1925	2,776	12 8 6 5	90 2,461 2,601 2,776	Kctm	425	190 346.0	Dec. 2, 1952	N	N	Cemented from 1,505-2,604 ft. Mill slotted from 2,604-2,711 ft. Reported yield 150 gal/min 1961. Pumping level 370.0 ft Apr. 1956 and 488.0 ft Oct. 1956. <u>y</u> <u>z</u>
808	Dallas County	--	1890	740	8 7	12 696	Kgw	430	340.0 370.0	Dec. 9, 1954 Mar. 7, 1957	N	N	Drawdown 30 ft pumping 112 gal/min on Dec. 8, 1954. Plugged. Temp. 83°F.
809	do	R. H. Dearing and Sons	1927	1,637	8 6	-- --	Kcpa	430	288.0	Jan. 11, 1955	N	N	Pumping level 342 ft at 135 gal/min on Jan. 11, 1955. Plugged.
* 810	Merchandise Mart	do	1910	1,660	8 6	926 1,557	Kcpa	450	94 200	1920 1934	N	N	Open hole from 1,557-1,660 ft. Reported yield 50 gal/min. <u>y</u>
813	Liquid Carbonic Co.	J. L. Myers Sons	1956	873	16 10	688 873	Kgw	420	354	July 28, 1956	N	N	Cemented to 688 ft. Screened from 688-760; 786-812; 826-838; and 848-858 ft. Underreamed. Gravel packed. Plugged. <u>y</u>
815	Dallas Concrete Co.	do	1952	856	6 4	811 856	Kgw	395	230	Nov. 22, 1952	N	N	Perforated from 812-856 ft. Reported yield 100 gal/min. Destroyed. <u>y</u>
* 816	First National Bank Building	R. H. Dearing and Sons	1917	1,970	12 8	394 1,514	Kcpa	430	--	--	N	N	Open hole from 1,514-1,970 ft. Reported yield 90 gal/min. Temp. 98°F. <u>y</u>
* 817	Southwestern Life Ins. Building	do	1912	1,618	8 6	1,014 1,668	Kcpa	435	187.0	Oct. 1935	N	N	Open hole from 1,520-1,618 ft. <u>y</u>
818	Mobil Magnolia Building	Mobil Oil Co.	1920	1,668	13 8	358 1,668	Kcpa	435	287	Dec. 1, 1952	T, E 40	N	Perforated from 1,499-1,668 ft. Reported yield 160 gal/min.
820	Oak Farms Dairy	--	--	1,700	8	--	Kcpa	418	--	--	T, E 40	Ind	Reported yield 205 gal/min. Temp. 95°F.
821	Gifford-Hill and Co., Inc.	J. L. Myers Sons	1973	830	7 3	752 830	Kgw	438	330	June 7, 1973	S, E 25	Ind	Cemented to 752 ft. Screened from 752-815 ft. Underreamed. Gravel packed. Pump set at 600 ft. <u>y</u> <u>z</u>
* 822	City of Dallas	Randolph and Steil-smith	1924	2,750	26 10	30 2,700	Kctm	407	53 96	1934 1943	N	N	Pumping level 267 ft at 1,288 gal/min in 1937 and drawdown of 178 ft at 1,000 gal/min in 1941. Plugged. Temp. 110°F. <u>y</u>
† 823	do	--	1920	2,773	10 8 6	1,632 2,466 2,773	Kctm	422	+ 90.1 + 46.2 59.0 78.0	Nov. 12, 1923 1925 1933 1937	N	N	Flowed at 510 gal/min in 1922 and 322 gal/min in 1924. Stopped flowing about 1931. Drawdown 155 ft pumping 920 gal/min in 1941. Plugged. <u>y</u>
* 824	Adolphus Hotel	R. H. Dearing and Sons	1925	1,660	12 10 8 6	747 784 1,512 1,660	Kcpa, Kgw	430	--	--	N	N	Perforated from 747-784 ft and partially perforated between 1,512-1,660 ft. Reported yield 390 gal/min. <u>y</u>
* 825	Praetorian Building	do	1908	1,618	6 5 4	600 1,500 1,520	Kcpa	437	+210 240	1908 1942	A, E 10	N	Reported yield 72 gal/min. Temp. 93°F. <u>y</u>
826	Baker Hotel	do	1925	806	12 10	753 771	Kgw	432	--	--	T, E 60	N	Perforated from 721-762 ft. Pump set at 530 ft. Reported yield 300 gal/min. <u>y</u>
827	City of Dallas	--	1912	--	6	--	Kctm	400	+254 131.0	June 20, 1912 1942	N	N	<u>y</u>
* 828	Dallas Power and Light	--	1898	570	8	--	Kgw	410	157	Aug. 27, 1928	N	N	Reported yield 67 gal/min in 1942. Plugged back from 650 ft in 1930.

See footnotes at end of table.

## DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HR-33-10-829	Dallas Power and Light	--	1907	1,427	8	--	Kcpa	410	213	Nov. 25, 1930	N	N	Reported yield 200 gal/min from 1934-1941.
* 830	Dallas Office and Club Building	B. J. Harper	1922	1,650	8	--	Kcpa	460	180	1942	T, E 25	N	Reported yield 230 gal/min in 1942.
831	Dallas Power and Light Co.	Layne-Texas Co.	1948	1,645	--	--	Kcpa	410	251.0	Nov. 16, 1948	N	N	Drawdown 237 ft pumping 166 gal/min on Nov. 16, 1948. <u>2</u>
* 901	Proctor and Gamble	Harper and Green	1922	2,650	12	--	Kctm	410	+ 25	1922	T, E 20	N	Flowed until 1928. Temp. 110°F.
* 902	Baylor University Hospital	--	1907	974	8	--	Kgw	470	250	1940	T, E 25	N	Reported yield 235 gal/min. Temp. 93°F.
903	Guiberson Corporation Dresser Industries	Layne-Texas Co.	1956	2,695	--	--	Kctm	402	--	--	N	N	Well is used to test oil well pumps and packers. <u>2</u>
11-101	City of Dallas	do	1953	3,206	20 13 9	880 2,960 3,206	Kctm	462	187 249.2	Sept. 8, 1953 Mar. 14, 1956	N	N	Screened from 2,963-3,203 ft. Underreamed. Gravel packed. Drawdown of 237 ft at 1,350 gal/min on Dec. 28, 1953, and 649 ft on Feb. 8, 1954. Plugged. <u>2</u>
201	Hudson Airport	S. W. Richardson	1945	2,143	8 6	-- --	Kcpa	595	--	--	N	N	Destroyed. <u>2</u>
* 301	Dallas Athletic Country Club	Layne-Texas Co.	1953	2,367	10	1,977 2,367	Kcpa	525	--	--	T, E 75	Irr	Temp. 105°F. <u>2</u>
401	Lakewood Country Club	R. H. Dearing and Sons	1926	1,880	8 6	1,047 1,880	Kcpa	525	121.4	July 9, 1942	N	N	Perforated. <u>1</u>
* 701	Dallas Power and Light	Layne-Texas Co.	1956	3,184	26 20 13 9	60 1,250 2,895 3,145	Kctm	410	--	--	S, E 450	Ind	Cemented to 2,894 ft. Screened from 2,900-3,135 ft. Pumping level 594 ft at 1,344 gal/min on July 16, 1969; 577 ft on Mar. 23, 1972; 607 ft at 1,309 gal/min on Dec. 13, 1973; and 632 ft at 1,277 gal/min on July 11, 1974. Temp. 117°F. <u>1</u> <u>2</u>
* 702	do	do	1952	3,200	20 13 8	880 2,990 3,200	Kctm	425	106	May 9, 1952	T, E 400	Ind	Cemented to 880 ft. Screened from 2,990-3,190 ft. Underreamed. Gravel packed. Pumping level 419 ft at 2,180 gal/min when drilled; 705 ft at 874 gal/min on Dec. 13, 1973, and 813 ft at 1,005 gal/min on July 11, 1974. Measured yield 1,134 gal/min on July 16, 1969. Temp. 118°F. <u>1</u> <u>2</u>
* 703	do	do	1952	3,180	20 13 8	880 2,962 3,180	Kctm	415	130	Oct. 25, 1952	T, E 400	Ind	Cemented to 880 ft. Screened from 2,963-3,003; 3,013-3,043; 3,048-3,178 ft. Underreamed. Gravel packed. Pumping level 390 ft at 1,925 gal/min when drilled; 569 ft at 1,691 gal/min on Aug. 23, 1972; 677 ft at 1,584 gal/min on Dec. 13, 1973; and 696 ft at 1,277 gal/min on July 11, 1974. Measured yield 1,767 gal/min on July 16, 1969. Temp. 115°F. <u>1</u> <u>2</u>
* 801	Buckner Baptist Children's Home	J. L. Myers Sons	1946	2,307	10 8 6	600 2,115 2,307	Kcpa	565	240	1946	T, E 75	P	Perforated from 2,081-2,307 ft. Woodbine from 1,110-1,470 ft and top of Paluxy at 2,100 ft. Temp. 104°F.
* 802	do	do	1958	1,330	10 6	1,240 1,330	Kgw	565	--	--	T, E 75	P	Perforated from 1,241-1,310 ft. Reported yield 300 gal/min. <u>1</u>
804	do	R. H. Dearing and Sons	1915	1,343	5	1,148	Kgw	565	180.0	June 22, 1942	N	N	Open hole from 1,148-1,343 ft. <u>1</u>
805	do	do	1925	3,368	--	--	Kctm	565	--	--	N	N	Used for irrigation. <u>1</u>

See footnotes at end of table.

## DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HR-33-11-806	C. G. Slack	B. J. Harper	1923	1,302	6	1,302	Kgw	520	165	June 1942	N	N	Perforated 60 ft. Drawdown 88 ft at 132 gal/min in 1942. Temp. 91°F.
* 807	Mr. E. T. Cox	Bert Little	1938	1,301	7	1,150 1,301	Kgw	525	--	--	N	N	Perforated. Formerly supplied water for 100 families.
808	Pleasant Grove Community	J. L. Myers Sons	1948	2,280	11	778 2,168 2,280	Kcpa	535	--	--	N	N	<u>2</u>
* 901	Community Water Service	V. W. Ritchie	1950	1,421	--	--	Kgw	525	--	--	N	N	Reported yield 130 gal/min. Plugged.
* 12-701	City of Mesquite	J. L. Myers Sons	1951	3,871	10	700 3,700 3,871	Kctm	510	--	--	T, E 100	N	Completed from 3,700-3,871 ft. Reported yield 517 gal/min in 1956. Pumping level 400 ft at 500 gal/min on Apr. 5, 1954, and 400 ft Oct. 1956. <u>1</u> <u>2</u>
* 703	do	Shook	1909	1,475	6	100 280 1,475	Kgw	460	--	--	N	N	Reported yield 140 gal/min. Reported to have flowed until 1914. Plugged.
* 704	do	Layne-Texas Co.	1940	2,555	8	500 2,329 2,555	Kcpa	460	62	Jan. 1, 1941	N	N	Perforated from 2,338-2,555 ft. Reported yield 216 gal/min when drilled. Plugged. <u>1</u>
* 801	Paragon Industries	J. L. Myers Sons	1974	2,651	10	20 2,651	Kcpa	445	350	Oct. 21, 1974	S, E 5	Ind	Cemented to 2,651 ft. Gun perforated from 2,560-2,570 and 2,599-2,609 ft. Pump set at 534 ft. Temp. 104°F. <u>1</u>
* 17-101	LTV Aerospace Corp.	Layne-Texas Co.	1940	1,180	10	978 1,180	Kcpa	496	166.7 247 302	Mar. 23, 1941 1951 1953	T, E 100	Ind	Screened from 980-985; 995-1,017; 1,030-1,065; 1,085-1,090; 1,110-1,125; 1,145-1,150; and 1,160-1,175 ft. Gravel packed. Plugged back from 1,378 ft. Pump set at 820 ft. Pumping level 556 ft at 331 gal/min when drilled and 662 ft in 1970. Drawdown 368 ft pumping 290 gal/min in 1953. Temp. 82°F.
* 103	U.S. Naval Reserve Aviation Base	J. L. Myers Sons	1942	417	10	33 417	Kgw	470	87	June 27, 1943	T, E 10	P	Perforated from 269-315 ft. Reported yield 85 gal/min. <u>1</u>
* 104	do	do	1941	485	8	413	Kgw	468	78	May 1941	T, E 15	P	Perforated from 258-313 and 390-405 ft. Reported yield 50 gal/min. Temp. 75°F. <u>1</u>
* 105	U.S. Air Force Hensley Field	do	1941	485	8	390 413	Kgw	490	300	1958	N	N	Perforated from 258-313 and 390-405 ft. Reported yield 100 gal/min. Plugged. <u>1</u>
* 106	do	do	1942	417	10	34 417	Kgw	490	--	--	N	N	Perforated from 269-315 ft. Reported yield 100 gal/min. Plugged. <u>1</u>
107	City of Grand Prairie	do	1940	460	8	--	Kgw	487	--	--	N	N	Reported yield 50 gal/min. Plugged.
108	LTV Aerospace Corp.	Layne-Texas Co.	1957	2,081	16	--	Kctm	488	--	--	T, E 200	Ind	Pump set at 1,000 ft. Reported yield 500 gal/min. Pumping level 615 ft in 1958 and 977.0 ft in 1974. <u>1</u>
* 109	do	do	1957	2,066	16	1,100 1,918 2,066	Kctm	502	--	--	T, E 200	Ind	Cemented to 1,918 ft. Screened from 1,818-2,060 ft. Underreamed. Gravel packed. Pump set at 1,060 ft. Reported yield 500 gal/min. Pumping level 650 ft at 578 gal/min in 1958 and 920.0 ft in 1970. <u>1</u> <u>2</u>
110	do	do	1957	2,081	16	--	Kctm	488	--	--	T, E 200	Ind	Pump set at 1,060 ft. Reported yield 500 gal/min. Pumping level 590.0 ft at 590 gal/min in 1958, 568.0 ft on Dec. 14, 1960, and 957.0 ft July 1974. <u>1</u>

See footnotes at end of table.

## DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
HR-33-17-111	LTV Aerospace Corp.	Texas Water Wells Inc.	1967	2,100	6	2,100	Kctm	480	722 880.0	Aug. 1967 1970	T, E 200	Ind	Cemented to 1,840 ft. Screened from 1,921-1,937; 1,946-1,961; 1,974-2,080 ft. Underreamed. Gravel packed. Reported yield 500 gal/min. Pumping level 889 ft at 556 gal/min when drilled. <u>1</u>
* 112	North American Aviation	Layne-Texas Co.	1941	2,148	13 8 6	654 1,872 2,148	Kctm	488	149.0 324	Mar. 31, 1941 1951	N	N	Slotted on bottom. Pumping level 281 ft at 680 gal/min when drilled and 444 ft at 600 gal/min in 1951. Temp. 94°F. <u>1</u> <u>3</u>
* 113	do	do	1942	2,080	13 8 6	658 1,899 2,080	Kctm	502	197 310 435	Nov. 24, 1942 1951 1953	N	N	Slotted from 1,892-2,077 ft. Pumping level 288 ft at 590 gal/min on Nov. 24, 1942; 339 ft at 346 gal/min in 1951 and 522 ft at 460 gal/min in 1953. <u>1</u> <u>3</u>
* 114	do	do	1942	2,075	13 8 6	657 1,861 2,075	Kctm	488	211 262 296 375	Nov. 14, 1942 1944 1951 1953	N	N	Slotted from 1,912-2,072 ft. Pumping level 325 ft at 662 gal/min when drilled, and 355 ft at 600 gal/min in 1943. Drawdown 101 ft pumping 600 gal/min in 1944. Plugged. Temp. 95°F. <u>1</u> <u>3</u>
115	do	do	1944	2,066	13 8 6	657 1,898 2,066	Kctm	480	225 366.0	Mar. 8, 1944 Oct. 18, 1953	N	N	Slotted from 1,900-2,065 ft. Pumping level 365 ft at 567 gal/min when drilled. Yield 480 gal/min on Oct. 19, 1953. <u>1</u>
" 116	City of Grand Prairie	Texas Water Wells	1965	2,094	16 10 6	1,200 1,910 2,084	Kctm	498	762.0	Apr. 13, 1971	S, E 200	P	Screened from 1,922-2,074 ft. Pump set at 940 ft. Measured yield 555 gal/min on June 11, 1973. Pumping level 926.0 ft on July 26, 1974. <u>1</u>
117	do	J. L. Myers Sons	1943	2,065	10	--	Kctm	515	182.0	June 30, 1943	N	N	Plugged.
* 118	do	do	1942	430	8 7	348 430	Kgw	515	160	Aug. 1942	N	N	Perforated. Temp. 73°F. <u>1</u>
* 119	do	do	1942	412	8 7	360 412	Kgw	515	157	Oct. 1942	N	N	Perforated from 260-277 and 358-410 ft. <u>1</u>
" 202	U.S. Naval Reserve Aviation Base	do	1942	2,156	10 7 5	503 2,024 2,156	Kctm	440	111 379	Dec. 14, 1942 June 18, 1954	T, E 50	P	Perforated from 2,021-2,156 ft. Pumping level 192 ft at 330 gal/min on Dec. 15, 1942, and 384 ft on June 18, 1954 at 190 gal/min. <u>1</u> <u>2</u>
" 203	Dallas Naval Air Station	Katy Drilling, Inc.	1968	2,118	16 10 6	1,100 1,980 2,118	Kctm	442	606	Oct. 24, 1968	T, E 150	P	Cemented to 1,980 ft. Screened from 1,992-2,115 ft. Underreamed. Gravel packed. Pump set at 1,000 ft. Pumping level 693 ft at 411 gal/min when drilled. <u>1</u>
" 204	Industrial Catering Service	A. B. Holpkemeier Drilling Co.	1966	502	4 2	446 502	Kgw	428	--	--	S, E 1	Ind	Cemented to 446 ft. Perforated from 446-502 ft. Gravel packed. Temp. 75°F. <u>1</u> <u>2</u>
* 205	Hill Pet Shop	do	1969	534	4	534	Kgw	442	--	--	S, E 1 1/2	D, Ind	Cemented to bottom. Gun perforated from 508-518 ft. <u>1</u> <u>2</u>
301	Mount Saint Michaels Home	J. L. Myers Sons	1947	2,667	10 7 5	800 2,520 2,667	Kctm	651	300 371	July 4, 1947 1952	S, E 30	P	Perforated from 2,520-2,620 ft. Reported yield 80 gal/min. Pumping level 345 ft at 150 gal/min when drilled and 550.2 ft on May 20, 1954. <u>1</u> <u>2</u>
* 302	do	B. J. Harper	1922	1,492	6 4	1,410 1,492	Kcpa	650	358	Nov. 20, 1933	N	N	Perforated from 1,390-1,490 ft. Drawdown 54 ft pumping 30 gal/min in 1942. <u>1</u>
" 303	Dallas County Fresh Water District No. 1	J. L. Myers Sons	1937	556	7 5 4	360 462 556	Kgw	500	147	1937	T, E 10	N	Perforated from 360-383; 429-456; 518-525; and 542-551 ft. <u>1</u>
* 401	A. N. Smith	C. M. Stoner Drilling Co.	1966	250	4	236	Kgw	500	176.3 173.8	Oct. 22, 1970 Nov. 9, 1971	S, E 3/4	D	Cemented to 236 ft. Open hole 236-250 ft. Pump set at 231 ft. <u>1</u>

See footnotes at end of table.

DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
HR-33-17-402	Park Valley Country Club	E. C. Stone Water Well Drilling Co.	1972	415	4	415	Kgw	460	180	Nov. 4, 1972	S, E 5	Irr	Cemented to 415 ft. Gun perforated from 318-335; 355-359; and 373-375 ft. Pump set at 336 ft. <u>1 2</u>
* 403	do	do	1972	300	4	268	Kgw	460	125	Dec. 7, 1972	S, E 1 1/2	Ind, Irr	Cemented to 268 ft. Open hole 268-300 ft. Pump set at 231 ft. Temp. 71°F. <u>1</u>
404	do	do	1972	300	4	268	Kgw	460	140	Dec. 11, 1972	S, E 3	Irr	Cemented to 268 ft. Open hole 268-300 ft. Pump set at 252 ft. <u>1</u>
405	do	do	1972	426	4	426	Kgw	460	180	Dec. 28, 1972	S, E	Irr	Cemented to bottom. Jet perforated from 281-385; 315-318; 363-365; and 390-400 ft. Pump set at 396 ft. <u>1 2</u>
406	do	do	1973	280	4	270	Kgw	460	125	Jan. 29, 1973	S, E 2	Irr	Cemented to 270 ft. Open bottom. Pump set at 252 ft. Bailed 30 gal/min. <u>1</u>
407	do	do	1973	142	4	142	Kgw	460	40	Feb. 5, 1973	S, E 5	Irr	Bailed 36 gal/min. <u>1</u>
* 408	Grand Prairie Golf Course	J. L. Myers Sons	1964	440	10 6	295 440	Kgw	462	200 240.0	Aug. 19, 1964 Apr. 7, 1972	S, E	P, Irr	Screened. Pump set at 341 ft. Pumping level 230 ft on Aug. 19, 1964 and 295 ft on Apr. 7, 1972.
* 409	do	do	1964	1,165	10 6	-- 1,165	Kepa	450	468.0 400.0	Feb. 3, 1965 Jan. 11, 1974	S, E 5	P, Irr	Drawdown 30 ft pumping 23 gal/min when drilled and pumping level 500 ft on Jan. 11, 1974.
502	Dallas Girl Scout Council	do	1957	828	5 3	660 --	Kgw	660	--	--	S, E 5	P	Cemented to 660 ft. Screened from 660-680 ft. Gravel packed. Reported yield 20 gal/min.
503	Boy Scouts--Camp Wisdom	do	1940	721	6 5	637 721	Kgw	760	380	Oct. 23, 1940	T, E 20	P	Slotted from 616-721 ft. <u>1</u>
504	E. W. Merrifield	C. M. Stoner Drilling Co.	1972	1,403	7 4	1,270 1,403	Kepa	625	580	Sept. 20, 1972	S, E 25	Ind	Cemented to 1,270 ft. Slotted from 1,250-1,403 ft. Pump set at 750 ft. <u>1</u>
601	Dallas County Fresh Water District	J. L. Myers Sons	1953	1,693	6 4	752 1,693	Kepa	753	530 600	Oct. 8, 1953 1958	N	N	Perforated from 1,653-1,693 ft. Reported yield 50 gal/min. <u>1</u>
602	Woodhaven Water Cooperative	Briggs Weaver	1955	1,200	--	--	Kgw	740	--	--	N	N	Reported yield 80 gal/min in 1961. Plugged.
603	Magnolia Petroleum Co.	J. L. Myers Sons	1943	2,575	9 7	2,381 2,575	Kctm	658	525 548.0 610.0 627.0 669.0	Nov. 1953 Apr. 2, 1954 Dec. 19, 1955 June 10, 1956 Oct. 18, 1956	S, E 30	Ind	Perforated from 2,381-2,449 and 2,473-2,572 ft. Pump set at 830 ft. Pumping level 564 ft at 96 gal/min on Apr. 2, 1954; 617.0 ft at 85 gal/min on Dec. 19, 1955; 636.0 ft at 85 gal/min on July 10, 1956; and 678.0 ft at 85 gal/min on Oct. 18, 1956. <u>1 2</u>
* 604	do	do	1940	880	8	--	Kgw	658	360 462.9	Apr. 20, 1940 1961	T, E 10	Ind	Temp. 81°F. <u>1</u>
* 801	City of Duncanville	do	1960	2,622	16 10 6	1,059 2,379 2,614	Kctm	730	670 892.0 882.0	May 5, 1960 July 29, 1971 Nov. 7, 1974	S, E 110	P	Screened from 2,380-2,392; 2,410-2,452; and 2,471-2,569 ft. Gravel packed. Pump set at 1,032 ft. Reported yield 400 gal/min. Pumping level 856 ft at 750 gal/min when drilled; 930 ft at 600 gal/min on July 30, 1968; and 982.0 ft on May 30, 1972. Temp. 106°F. <u>1 2 3</u>
* 802	do	Layne-Texas Co.	1969	2,555	16 10 6	1,204 2,385 2,555	Kctm	650	745 889.1 886.8	Mar. 31, 1969 July 29, 1971 Jan. 15, 1975	T, E 200	P	Cemented to 2,385 ft. Screened from 2,394-2,470 and 2,474-2,518 ft. Underreamed. Gravel packed. Pump set at 1,030 ft. Pumping level 973 ft at 638 gal/min when drilled; 986.0 ft on May 30, 1972; and 960.7 ft on Jan. 16, 1975. Temp. 103°F. <u>1 2 3</u>

See footnotes at end of table.

DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HR-33-17-901	City of Duncanville	J. L. Myers Sons	1955	2,641	13 8 5	1,046 2,503 2,641	Kctm	735	593 806.0	Mar. 26, 1955 Jan. 24, 1968	S, E 100	P	Cemented to 2,503 ft. Screened from 2,521-2,531 and 2,541-2,631 ft. Gravel packed. Pump set at 917 ft. Reported yield 275 gal/min. Pumping level 685 ft at 410 gal/min when drilled and 852.0 ft at 275 gal/min on Jan. 24, 1968. <u>1/2</u>
* 902	do	C. M. Stoner Drilling Co.	1944	810	--	--	Kgw	715	--	--	S, E 30	P	Pump set at 605 ft. Reported yield 90 gal/min.
* 903	do	J. L. Myers Sons	1948	1,618	10 6 5	775 1,518 1,618	Kepa	715	644.0	Jan. 24, 1968	S, E 50	P	Slotted from 1,518-1,598 ft. Pump set at 762 ft. Reported yield 110 gal/min. Pumping level 708.0 ft at 155 gal/min on Jan. 24, 1968. <u>1/2</u>
* 904	Duncanville School District	do	1953	828	8	726	Kgw	725	--	--	S, E 30	Irr	Reported yield 75 gal/min. Temp. 74°F.
905	Go-Crete	do	1962	970	7 3	914 968	Kgw	680	490	July 1962	S, E 5	Ind	Cemented to 914 ft. Screened from 917-932 and 938-963 ft. Gravel packed. <u>1/2</u>
* 906	Fred Hastings	Ted Shutt	1910	750	8	750	Kgw	730	320	Aug. 1, 1942	C, G 6	N	--
18-101	City of Dallas	R. H. Dearing and Sons	1927	2,652	12 8	587 2,297	Kctm	560	--	--	N	N	<u>1/2</u>
* 201	do	Layne-Texas Co.	1938	2,883	18 10 8	654 2,620 2,883	Kctm	515	175 184.5 240 392.3	July 29, 1938 Feb. 9, 1949 1952 Apr. 9, 1955	N	N	Screened from 2,620-2,883 ft. Underreamed. Gravel packed. Estimated yield 1,000 gal/min. Pumping level 373 ft at 1,158 gal/min when drilled; 513 ft at 1,600 gal/min in 1941; and 570 ft at 850 gal/min in 1952. Plugged in 1955. Temp. 115°F. <u>1/2</u>
* 202	Clevepak Corporation	--	--	860	--	--	Kgw	450	--	--	T, E 75	Ind	Reported yield 190 gal/min.
203	do	J. L. Myers Sons	1948	2,759	13 8 6	762 2,605 2,759	Kctm	451	140	1952	T, E 200	Ind	Mill slotted from 2,607-2,759 ft. Reported yield 750 gal/min. Pumping level 272 ft at 500 gal/min when drilled; 500 ft at 750 gal/min in Mar. 1953; and 500 ft in 1955. <u>2/2</u>
204	George Hormel Co.	Layne-Texas Co.	1948	827	14 8	707 827	Kgw	400	334	May 4, 1959	T, E 60	N	Screened from 707-816 ft. Pumping level 401 ft at 330 gal/min when drilled. <u>1/2</u>
* 205	City of Dallas	B. J. Harper	1924	2,745	13 8 6	701 2,390 2,745	Kctm	475	96 132 141 272	1934 1941 1949 1953	N	N	Screened. Pumping level 315 ft at 1,040 gal/min in June 1942; 490 ft at 760 gal/min on Aug. 12, 1953; and 560 ft at 575 gal/min on Oct. 25, 1956. Flowed when drilled.
* 301	Certain-Teed Products	J. L. Myers Sons	1946	30	8	--	Qa1	410	17	1961	T, E 3	Irr	Reported yield 75 gal/min. Temp. 73°F.
302	do	do	1946	30	8	--	Qa1	410	--	--	T, E 3	Irr	--
303	W. E. Grace	--	1912	1,000	6 4	500 1,000	Kgw	410	400	1961	T, E 7 1/2	Ind	Reported yield 50 gal/min.
304	Metzger Dairy	Metzger	1954	25	60	26	Qa1	420	15	1961	J, E 5	Ind	--
* 305	Columbia Packing Co.	J. L. Myers Sons	1940	817	8 6	779 817	Kgw	415	150	Mar. 1940	T, E 25	Ind	Perforated from 778-817 ft. Pump set at 470 ft. Temp. 75°F. <u>1/2</u>
306	Dallas City Packing Co.	do	1946	944	8 7	808 944	Kgw	406	--	--	T, E 25	Ind	Completed from 779-944 ft. Pump set at 450 ft. <u>1/2</u>

See footnotes at end of table.

DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
HR-33-18-307	Valcar Enterprises of Texas, Inc.	--	--	--	--	--	Kgw	410	--	--	T, E 15	Ind	--
* 308	Dal Chrome Co.	--	1969	939	7 3	852 939	Kgw	408	348	Sept. 26, 1969	S, E 20	Ind	Cemented to 852 ft. Screened from 852-897 and 912-933 ft. Gravel packed. Pump set at 558 ft. <u>1/2</u>
501	City of Dallas	B. J. Harper	1930	2,922	18 8	588 2,922	Kctm	560	--	--	N	N	<u>1/2</u>
* 502	Laurel Land Memorial Park	R. H. Dearing and Sons	1923	853	6	850	Kgw	590	230	1941	T, E 10	Irr	Reported yield 72 gal/min. Temp. 83°F.
* 503	do	Wallen and Sons	1937	859	6 5	754 859	Kgw	570	230	do	W	Irr	Temp. 82°F. <u>1/2</u>
* 504	Beckley Heights Addition	J. L. Myers Sons	1948	1,782	8 5	720	Kgw, Kcpa	593	--	--	N	N	Information from electric log only. Well was plugged. Marks on log indicate possibility of Woodbine completion. <u>2/2</u>
601	Community Water Service	--	--	1,100	10	--	Kgw	545	130	1961	S, E 7 1/2	F	--
* 701	do	J. L. Myers Sons	1958	1,140	5 4	618 1,140	Kgw	678	--	--	N	N	Reported yield 50 gal/min.
* 801	do	Layne-Texas Co.	1957	1,210	8 4	915 1,210	Kgw	652	--	--	N	N	Cemented to 915 ft. Screened from 1,015-1,030; 1,053-1,063; and 1,105-1,145 ft. Reported yield 130 gal/min. <u>1/2</u>
* 802	do	--	1946	914	4	--	Kgw	620	--	--	N	N	Reported yield 20 gal/min.
* 803	City of Lancaster	Layne-Texas Co.	1973	3,091	16 13 9	2,000 2,880 3,091	Kctm	655	720	Nov. 6, 1973	T, E 400	P	Cemented to 2,880 ft. Screened from 2,904-2,908; 2,932-2,936; 2,998-3,013; 3,064-3,068; and 3,078-3,088 ft. Underreamed. Gravel packed. Drawdown 163 ft pumping 1,051 gal/min when drilled. Temp. 115°F. <u>1/2</u>
901	Lancaster Area Water Service Inc.	G. M. Stoner Drilling Co.	1955	1,164	6	--	Kgw	578	500	1961	N	N	--
* 902	Urban Services	--	1947	1,101	--	--	Egw	586	--	--	N	N	--
* 19-101	City of Dallas	Layne-Texas Co.	1952	3,076	20 13 9	880 2,842 3,076	Kctm	405	222.5 286.0 385.8 448.2	May 7, 1954 Nov. 19, 1957 Mar. 15, 1971 Aug. 11, 1975	N	N	Cemented to 880 ft. Screened from 2,844-3,064 ft. Underreamed. Gravel packed. Drawdown 229 ft at 1,370 gal/min Apr. 1953; 566.0 ft pumping level on Feb. 9, 1954; and 592 ft at 1,475 gal/min on Oct. 25, 1956. Temp. 115°F. <u>1/2</u> <u>2/3</u>
201	do	J. L. Myers Sons	1953	3,672	20 13 9	900 3,107 3,601	Kctm	493	293.8	Mar. 14, 1956	N	N	Reported yield 1,840 gal/min. Pumping level 580 ft 2,150 gal/min Oct. 23, 1953; 642 ft at 2,150 gal/min on Dec. 29, 1953; 653 ft at 2,025 gal/min on Feb. 29, 1954; and 660 ft on Oct. 25, 1956. <u>2/2</u>
* 202	Community Water Service	B. J. Harper	1931	1,260	8 6	-- 1,260	Kgw	485	135	Mar. 1942	N	N	Eight-inch casing to top of sand. Perforated 6-inch liner. Reported yield 150 gal/min in 1942. Plugged.
* 203	City of Dallas	J. L. Myers Sons	1946	1,476	10 7 6	508 1,166 1,476	Kgw	487	190	Apr. 22, 1946	N	N	Pumping level 340 ft at 200 gal/min when drilled. Plugged. <u>1/2</u>
204	do	Layne-Texas Co.	1948	2,203	12 10 8	620 2,105 2,203	Kcpa	485	--	--	N	N	<u>2/2</u>

See footnotes at end of table.

DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HR-33-19-301	Dallas County Water Conservation and Improvement District No. 6	Layne-Texas Co.	1955	1,600	10 6	1,353 1,600	Kgw	492	317.0 474.2	Feb. 9, 1956 Nov. 16, 1972	T, E 75	P	Cemented to 1,353 ft. Screened from 1,360-1,418; 1,433-1,448; 1,482-1,525; and 1,547-1,580 ft. Underreamed. Gravel packed. <u>1</u> <u>2</u> <u>3</u>
* 302	Community Water Service	--	--	1,400	7	--	Kgw	501	--	--	T, E 20	N	Reported yield 130 gal/min.
303	City of Dallas	J. L. Myers Sons	1948	2,297	15 10 7 5	55 700 2,190 2,297	Kepa	502	193 365.6	June 4, 1948 Nov. 15, 1974	N	N	Screened from 2,195-2,297 ft. Underreamed. Gravel packed. <u>1</u> <u>2</u>
401	Verson Co.	do	1946	1,030	8 6	988 1,030	Kgw	410	--	--	T, E 40	Ind	Slotted from 990-1,030 ft. Pump set at 690 ft. Reported yield 160 gal/min. <u>1</u> <u>2</u>
404	Go-Crete	Reynolds Aqua	1955	44	8	44	Qa1	405	10.1 11.7 11.8	Apr. 7, 1972 June 6, 1973 May 13, 1975	J, E 3/4	D, Ind	Pumping level 21.96 ft on May 27, 1973.
* 501	Dallas County Boys Home	J. L. Myers Sons	1944	1,044	7 5	975 1,044	Kgw	402	80	Sept. 1, 1944	T, E 10	N	Completed from 875-1,040 ft. Drawdown 10 ft at 40 gal/min when drilled. <u>1</u> <u>2</u>
* 502	Community Water Service	do	1949	1,280	7	--	Kgw	436	--	--	N	N	Plugged back from 2,207 ft. Destroyed. <u>2</u>
* 601	do	--	--	1,471	7	1,471	Kgw	462	--	--	S, E 30	P	Reported yield 130 gal/min.
* 701	City of Hutchins	J. L. Myers Sons	1949	1,130	7	1,130	Kgw	485	--	--	T, E 25	P	Perforated from 984-1,090 ft. <u>1</u> <u>2</u>
* 702	do	Guy Setton	1933	1,025	5	--	Kgw	470	180 300	1942 1961	T, E 15	N	Reported yield 50 gal/min.
* 704	do	J. L. Myers Sons	1963	1,353	10 6	1,142 1,345	Kgw	527	380	Nov. 1963	T, E 50	P	Cemented to 1,142 ft. Screened from 1,142-1,200; 1,212-1,218; 1,225-1,230; and 1,241-2,186 ft. Underreamed. Gravel packed. Pumping level 488 ft at 200 gal/min when drilled. <u>1</u>
705	Dallas County Convalescent Home	--	--	1,035	5	--	Kgw	460	100	1942	N	N	Flowed until 1910. Yielded 35 gal/min in 1942. Destroyed.
706	do	J. L. Myers Sons	1946	1,313	--	--	Kgw	460	--	--	N	N	Destroyed. <u>2</u>
* 807	Green Top Mobile Home Park	--	--	25	36	25	Qa1	398	--	--	J, E 2	P	--
* 808	do	--	--	25	36	25	Qa1	401	--	--	S, E 2	P	--
* 20-101	Dallas County Water Conservation and Improvement District No. 6	J. L. Myers Sons	1952	3,840	8 7 5	1,112 3,611 3,840	Kotm	502	107 170.0 138	July 22, 1952 June 25, 1953 Sept. 1953	T, E 75	N	Perforated from 3,612-3,840 ft. Pumping level 200 ft on July 23, 1952; 255.0 ft at 192 gal/min on Sept. 1953; and 400.0 ft at 300 gal/min on Apr. 5, 1954.
* 102	do	do	1956	4,084	13 8 6	872 3,814 4,084	Kotm	503	362.5 386.4	Nov. 8, 1971 Nov. 15, 1974	T, E 125	N	M111 slotted from 3,814-4,018; 4,026-4,034; 4,061-4,066; and 4,076-4,081 ft. Pump set at 650 ft. Pumping level 387.0 ft at 500 gal/min June 1956. Temp. 135°F. <u>1</u> <u>2</u> <u>3</u>
* 103	Community Water Service	--	--	840	4	--	Kgw	490	--	--	S, E 3	P	--

See footnotes at end of table.



## DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
HR-33-20-302	Ann Corrigan Ranch	J. L. Myers Co.	1970	1,820	7 3	1,738 1,815	Kgw	376	270	June 19, 1970	N	N	Cemented to 1,738 ft. Completed from 1,738-1,795 ft. Gravel packed. <u>1</u> <u>2</u>
* 303	do	do	1971	2,735	7 3	2,625 2,735	Kcpa	375	300	July 4, 1971	S, E 30	D, S	Cemented to 2,625 ft. Screened from 2,625-2,671 and 2,676-2,727 ft. Gravel packed. Pump set at 450 ft. <u>1</u> <u>2</u>
305	World of Animals	Liberty Foundation Drilling Co., Inc.	1971	40	30	40	Qal	380	--	--	N	N	Perforated from 27-35 ft. Gravel packed. One of 4 shallow wells, all of which are abandoned. <u>1</u>
* 401	Dallas County Water Conservation and Improvement District No. 7	J. L. Myers Sons	1956	4,110	20 13 8 6	48 902 3,850 4,110	Kctm	473	192 369.1	May 5, 1956 Nov. 9, 1973	T, E 150	P	Cemented. Screened from 3,851-4,041; 4,048-4,056; 4,073-4,083; and 4,096-4,104 ft. Gravel packed. Pump set at 550 ft. Reported yield 800 gal/min. Pumping level 337 ft at 675 gal/min when drilled. Temp. over 120°F. <u>1</u> <u>2</u>
* 801	Federal Correctional Institute	Layne-Texas Co.	1938	1,846	13 10 8	407 1,645 1,844	Kgw	426	22	Nov. 15, 1938	T, E 100	N	Screened from 1,644-1,674; 1,678-1,708; 1,723-1,729; 1,742-1,783; and 1,801-1,833 ft. Drawdown 48.3 feet at 230 gal/min when drilled. <u>1</u> <u>2</u>
* 802	do	do	1959	1,855	13 8	1,607 1,850	Kgw	426	274 322.0	Apr. 20, 1959 May 1970	T, E 50	P	Cemented to 1,606 ft. Screened from 1,575-1,625; 1,633-1,678; 1,693-1,723; 1,758-1,788; and 1,808-1,848 ft. Gravel packed. Pump set at 700 ft. Pumping level 591 ft when drilled and 533 ft at 195 gal/min May 1970. <u>1</u> <u>2</u>
* 803	do	do	1944	2,780	13 8 6	656 2,540 2,780	Kcpa	422	255.0	May 1970	T, E 60	P	Screened from 2,571-2,724 ft. Pumping level 380 ft at 388 gal/min on May 1970. <u>1</u>
* 901	City of Seagoville	J. L. Myers Sons	1947	2,883	10 7 5	727 2,709 2,883	Kcpa	448	60	July 31, 1944	T, E 40	N	Perforated from 2,692-2,883 ft. Flowed until 1935. Reported yield 265 gal/min in 1935. <u>1</u> <u>2</u>
* 902	do	--	1951	1,860	8	--	Kgw	448	--	--	T, E 40	N	Reported yield 250 gal/min.
* 25-104	Camp Fire Girls	J. L. Myers Sons	1939	801	7 5	680 801	Kgw	760	--	--	S, E 3	P	Perforated from 737-801 ft. Cemented. Estimated yield 26 gal/min. Temp. 74°F. <u>1</u>
* 201	City of Cedar Hill	do	1940	892	8 6	812 892	Kgw	830	397 580	Mar. 22, 1940 Jan. 1972	T, E 25	P	Perforated from 822-892 ft. Pump set at 666 ft. Drawdown reported 14 ft at 50 gal/min when drilled. <u>1</u>
* 202	do	do	1953	2,568	13 7	1,000 2,568	Kctm	828	600 998.0 992.0	Dec. 20, 1953 Apr. 2, 1975 June 10, 1976	S, E 140	P	Screened from 2,418-2,568 ft. Plugged back from 2,715 ft. Pumping level 699 ft at 350 gal/min when drilled. <u>1</u> <u>2</u>
* 203	do	L. W. Little Drilling	1945	895	8	--	Kgw	830	582	Apr. 15, 1972	T, E 25	P	Pump set at 660 ft. Reported yield 50 gal/min. <u>2</u>
* 401	do	J. L. Myers Sons	1965	2,507	20 16 10 6	40 1,200 2,248 2,430	Kctm	720	930.0 892.0	June 25, 1974 Apr. 4, 1975	S, E 200	P	Cemented to 2,248 ft. Screened from 2,248-2,311; 2,314-2,374; and 2,377-2,416 ft. Underreamed. Gravel packed. Pump set at 1,120 ft. Temp. 106°F. <u>1</u> <u>2</u> <u>3</u>
402	Mount Lebanon Baptist Encampment	do	1948	821	6 4	737 821	Kgw	780	348	1948	T, E 20	P	Slotted from 724-804 ft.
* 405	do	do	1967	1,560	7	1,554	Kcpa	850	711	Apr. 1967	S, E 20	P	Cemented to 1,554 ft. Gun perforated from 1,480-1,523 ft. Temp. 72°F. <u>1</u>
* 26-101	City of DeSoto	do	1953	1,046	7 3	905 1,046	Kgw	670	385 460.0	Mar. 1954 Aug. 12, 1965	S, E 30	P	Cemented to 905 ft. Screened from 905-925; 934-949; and 960-980 ft. Gravel packed. Pumping level 525 ft on Aug. 12, 1965. Temp. 74°F. <u>1</u> <u>2</u>

See footnotes at end of table.

## DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HR-33-26-102	City of DeSoto	J. L. Myers Sons	1960	2,867	10 7 5	1,594 2,674 2,859	Kctm	670	509 640.0 725.0	June 1960 Oct. 22, 1966 May 15, 1971	S, E 100	P	Slotted from 2,675-2,813 ft. Pump set a 1,015 ft. Pumping level 770 ft on Oct. 22, 1966; 830 ft on May 15, 1971, and 953.0 ft on Dec. 14, 1976. Temp. 114°F. <u>1</u>
* 103	do	-- Tucker	1947	950	6	--	Kgw	670	--	--	N	N	Plugged.
* 104	do	Layne-Texas Co.	1964	2,783	16 10 6	1,110 2,595 2,783	Kctm	650	548 810.0	June 4, 1964 Dec. 20, 1976	S, E 125	P	Cemented to 2,595 ft. Screened from 2,604-2,745 ft. Underreamed. Gravel packed. Pumping level 794 ft at 656 gal/min when drilled. Pump set at 900 ft. <u>1</u> <u>2</u>
* 105	do	do	1968	2,824	16 10 8	1,103 2,635 2,824	Kctm	555	530 704.0	Aug. 5, 1968 Nov. 1, 1976	T, E 200	P	Cemented to 2,635 ft. Screened from 2,655-2,814 ft. Underreamed. Gravel packed. Pumping level 728 ft at 805 gal/min when drilled and 999.0 ft on Dec. 14, 1976. <u>1</u> <u>2</u>
106	Huey Water Works	J. L. Myers Sons	1953	1,028	6	1,028	Kgw	650	350	Sept. 2, 1953	N	N	Perforated from 807-829; 917-928; and 987-1,023 ft. Plugged. <u>1</u>
201	Lancaster Area Water Service Inc.	C. M. Stoner Drilling Co.	1956	1,000	6	--	Kgw	615	400	1956	N	N	Reported yield 60 gal/min.
* 202	Texas Power and Light Co.	J. L. Myers Sons	1969	1,040	4	1,035	Kgw	560	352	Mar. 19, 1969	S, E 2	Ind	Cemented to bottom. Gun perforated from 955-960 and 974-984 ft. Temp. 74°F. <u>1</u> <u>2</u>
203	Sage Construction Co.-Southwood	do	1965	1,058	7 4	23 1,050	Kgw	447	280	July 1965	S, E 5	P	Cemented to bottom. Gun perforated from 950-960 and 970-982 ft. Pump set at 553 ft. <u>1</u>
204	do	do	1969	1,104	7 3	1,060 1,099	Kgw	445	400	July 22, 1969	S, E 15	P	Cemented to 1,060 ft. Screened from 1,060-1,091 ft. Gravel packed. <u>1</u>
* 301	City of Lancaster	Layne-Texas Co.	1952	3,230	14 8 6	701 2,943 3,230	Kctm	512	185 547.0	Dec. 14, 1976	T, E 100	P	Cemented to 701 ft. Mill slotted from 2,946-3,159 ft. Pump set at 640 ft. Reported yield 400 gal/min. Pumping level 320 feet at 620 gal/min when drilled and 296 ft at 700 gal/min in 1953. Temp. 109°F. <u>1</u> <u>2</u>
* 302	do	J. L. Myers Sons	1956	3,249	20 13 8 6	24 808 2,933 3,249	Kctm	560	375.0	Mar. 22, 1961	T, E 150	P	Screened from 2,933-3,138 ft. Pump set at 750 ft. Reported yield 600 gal/min. Pumping level 515 ft at 650 gal/min when drilled. <u>1</u>
* 303	do	Layne-Texas Co.	1950	1,200	10 8	1,130 1,200	Kgw	520	330.0 491.0	Dec. 5, 1961 Nov. 18, 1976	T, E 40	P	Plugged back from 1,970 ft. Cemented to 1,130 ft. Gun perforated from 940-950 and 970-1,020 ft. Screened from 1,130-1,168 ft. <u>2</u> <u>3</u>
304	Urban Services Inc.	J. L. Myers Sons	1958	1,216	7 4	1,003 1,216	Kgw	615	--	--	N	N	Cemented to 1,003 ft. Screened from 1,003-1,037; 1,081-1,086; 1,102-1,107; 1,169-1,190; and 1,193-1,198 ft. Gravel packed. <u>1</u> <u>2</u>
* 305	City of Lancaster	-- Sharp	1898	1,057	8	300	Kgw	510	140	Aug. 7, 1942	N	N	Flowed in 1898. Drawdown reported less than 40 ft pumping 250 gal/min. Plugged. Temp. 82°F.
* 401	City of Glenn Heights	J. L. Myers Sons	1963	946	4	946	Kgw	700	521.0	Oct. 22, 1970	S, E 5	P	Screened from 922-946 ft. Gravel packed. Pump set at 604 ft.
* 402	Town South Mobile Home Park	E. C. Stone Water Well Drilling Co.	1968	958	4	958	Kgw	695	440 490.7	Dec. 16, 1968 Oct. 22, 1970	S, E 5	P	Cemented to bottom. Gun perforated from 927-931 and 934-938 ft.
* 403	City of Glenn Heights	J. L. Myers Sons	1971	1,089	7 3	915 1,075	Kgw	698	460 540.0	May 4, 1971 Aug. 23, 1975	S, E 20	P	Cemented to 915 ft. Screened from 915-946; 988-993; and 993-1,065 ft. Underreamed. Gravel packed. Pump set at 689 ft. Pumping level 558 ft at 60 gal/min on May 4, 1971; 587 ft on Nov. 2, 1971; and 610 ft on Aug. 23, 1975. <u>1</u> <u>2</u>

See footnotes at end of table.

## DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HR-33-26-404	City of Glenn Heights	J. L. Myers Sons	1973	2,940	10 8 6	1,564 2,765 2,940	Kctm	667	745.0	Dec. 14, 1976	T, E 125	P	Cemented to 2,765 ft. Slotted from 2,765-2,930 ft. Pump set at 890 ft. <u>1/2</u>
405	Welcome Inn Mobile Home Park	E. C. Stone Water Well Drilling Co.	1969	960	4	960	Kgw	692	500	July 19, 1969	S, E 5	P	Cemented to bottom. Gun perforated from 912-922 ft. <u>1/2</u>
* 406	West Funeral Home	C. M. Stoner Drilling Co.	1972	1,050	4	1,050	Kgw	718	625	Oct. 8, 1972	S, E 5	Irr	Cemented to bottom. Jet perforated from 1,020-1,030 ft. Pump set at 756 ft. Temp. 75°F. <u>1/2</u>
407	M. L. Craddock	--	1965	955	4	955	Kgw	712	--	--	S, E 5	P	--
601	K. P. Moody	G. Glenn Wallen	1969	1,162	4	1,156	Kgw	555	414	Sept. 26, 1969	S, E 2	D	Cemented to bottom. Gun perforated from 1,044-1,056; 1,130-1,132; 1,140-1,144; and 1,151-1,154 ft. Gravel packed. Pump set at 525 ft. Reported yield 12 gal/min. <u>1/2</u>
* 602	C. D. Horn	J. L. Myers Sons	1973	1,121	5 2	1,090 1,121	Kgw	485	400	Aug. 15, 1973	S, E 5	D, S	Cemented to 1,094 ft. Screened from 1,094-1,115 ft. Gravel packed. Pump set at 530 ft. <u>1/2</u>
* 27-201	City of Wilmer	Layne-Texas Co.	1949	2,279	12 8 6 4	54 712 2,044 2,198	Kcpa	465	--	--	N	N	Slotted from 2,052-2,071; 2,123-2,144, and 2,158-2,195 ft. Plugged. <u>1/2</u>
* 202	do	J. L. Myers Sons	1959	3,669	16 10 8 6	56 1,068 3,444 3,661	Kctm	467	230.0 290.0 435.0 465.0	Dec. 4, 1959 Apr. 21, 1967 May 2, 1974 Dec. 20, 1976	S, E 75	P	Cemented to 3,440 ft. Mill slotted from 3,441-3,473 ft. Pump set at 560 ft. Pumping level 317 ft at 300 gal/min on Dec. 4, 1959; 360 ft on Apr. 21, 1967; and 485 ft on May 2, 1974. Temp. 114°F. <u>1/2</u>
* 203	Wilmer-Hutchins School District	--	1952	1,276	8	1,025	Kgw	505	--	--	S, E 2	P	--
* 205	City of Wilmer	J. L. Myers Sons	1964	3,572	10 7 5	1,022 3,308 3,448	Kctm	510	358 505.0 535.0	Sept. 29, 1964 June 18, 1975 Dec. 20, 1976	S, E 75	P	Cemented to 3,308 ft. Screened from 3,322-3,442 ft. Pump set at 660 ft. Pumping level 450 ft at 300 gal/min on Sept. 29, 1964, 440 ft at 360 gal/min on Jan. 12, 1965; and 565 ft on June 18, 1975. Plugged back to 3,448 ft. <u>1/2</u>
401	Lancaster Airport	C. M. Stoner Drilling Co.	1970	1,195	4	1,195	Kgw	502	380	June 22, 1970	S, E 3	Ind	Cemented to bottom. Gun perforated from 1,147-1,156 ft. <u>1/2</u>
501	Acme Brick Co.	--	1933	1,500	4	--	Kgw	405	155	1958	N	N	--
* 601	City of Ferris	R. H. Dearing and Sons	1914	1,408	6	1,400	Kgw	421	+	1942	--	N	Reported yield 150 gal/min with drawdown of 40 ft. Plugged. <u>1/2</u>
* 602	do	J. L. Myers Sons	1963	1,390	8 5	1,288 1,362	Kgw	421	240 309.6 375.0	July 10, 1963 June 1, 1965 July 15, 1977	T, E 25	P	Cemented to 1,288 ft. Screened from 1,288-1,352 ft. Underreamed. Gravel packed. Pump set at 400 ft. Pumping level 346 ft at 150 gal/min when drilled. Drawdown 40.5 ft pumping 170 gal/min on June 1, 1965. Temp. 94°F. <u>1/2</u>
603	R. C. Graham	do	1964	1,360	4 2	1,100 1,360	Kgw	445	277.6	May 3, 1965	S, E 3	D	Completed from 1,118-1,356 ft. Gravel packed. Pump set at 470 ft. <u>1/2</u>
604	Lacy Feed Co.	do	1963	1,382	7 4	2 1,382	Kgw	445	285	Oct. 23, 1963	S, E 1 1/2	D, S	Cemented to bottom. Gun perforated from 1,326-1,336 ft. Pump set at 428 ft. <u>1/2</u>

See footnotes at end of table.

## DALLAS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HR-33-27-605	Trinity River Authority	J. L. Myers Sons	1969	1,645	8 4	1,240 1,362	Kgw	415	325	Nov. 1969	S, E 60	Ind	Screened from 1,240-1,298 and 1,320-1,362 ft. Underreamed. Gravel packed. Pump set at 1,100 ft. Drawdown 70 ft at 150 gal/min when drilled. Temp. 89°F. <u>1/2</u>
28-507	Trinity Concrete Products	Trinity Concrete Products	1969	22	5	22	Qa1	356	9.6	July 22, 1975	C, E 1/2	Ind	--
* 508	do	do	1970	22	6	22	Qa1	357	9.6	do	C, E 1/2	Ind	--

\* For chemical analyses of water, see Table 4.

1/ Driller's log in files of the Texas Department of Water Resources.

2/ Mechanical logs in files of the Texas Department of Water Resources.

3/ For water-level measurements, see Table 3.

# DALLAS COUNTY

Table 2.—Selected Oil and Gas Tests

Logs in Texas Department of Water Resources files

Well	Operator	Lease and well	Date drilled	Depth (ft)	Approximate land surface elevation (ft)
HR-33-28-401	Guiberson and Lucey	Moyer No. 1	Jan. 31, 1943	4,504	357

# DALLAS COUNTY

## Table 3.—Water Levels in Selected Wells

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HR-32-08-301</b>		<b>Well HR-32-24-306</b>		<b>Well HR-32-24-901—Continued</b>	
Owner: U.S. Geological Survey		Owner: City of Grande Prairie		Nov. 17, 1975	201.2
Oct. 8, 1951	24.2	Apr. 15, 1952	330	Nov. 18, 1976	205.1
Apr. 20, 1971	42.3	Jan. 26, 1953	356.4	Nov. 1, 1977	200.0
June 24, 1975	36.9	Feb. 20, 1953	355.3		
Nov. 23, 1976	38.1	Nov. 23, 1953	410.4	<b>Well HR-32-32-301</b>	
		Dec. 14, 1953	411.5	Owner: J. P. Day	
		Feb. 1, 1954	422.0	Oct. 22, 1970	158.0
		Apr. 29, 1954	438.3	July 12, 1971	156.3
<b>Well HR-32-24-302</b>		June 14, 1954	560 *	Nov. 9, 1971	152.9
Owner: City of Grande Prairie		Aug. 12, 1954	592 *	Nov. 15, 1972	155.2
Sept. 20, 1956	565.0	Oct. 1, 1954	483.8	Nov. 8, 1973	155.9
Sept. 17, 1970	608.0	Dec. 28, 1954	458	Nov. 14, 1974	157.9
Nov. 21, 1971	758.0*	Dec. 29, 1954	547 *	Nov. 17, 1975	159.1
Sept. 29, 1973	745.0*	Mar. 21, 1955	458	Nov. 18, 1976	160.2
Aug. 27, 1974	749.0*	Mar. 29, 1955	523 *	Nov. 1, 1977	161.1
Apr. 22, 1975	895.0*	May 12, 1955	482		
Oct. 3, 1975	741.0*	July 11, 1955	585 *	<b>Well HR-33-03-802</b>	
Aug. 11, 1976	737.0*	Jan. 3, 1956	558 *	Owner: Claude Smith	
Oct. 26, 1977	747.0*	Jan. 5, 1956	481	Feb. 16, 1971	8.9
		Apr. 13, 1956	604 *	Nov. 8, 1971	4.1
		June 22, 1956	604 *	Nov. 15, 1972	8.2
		Sept. 20, 1956	669 *	Nov. 8, 1973	5.9
		Oct. 18, 1956	576	Nov. 15, 1974	4.0
		Feb. 28, 1975	869 *	Nov. 24, 1975	8.9
		Apr. 21, 1975	821 *	Nov. 1, 1976	6.0
				Nov. 2, 1977	8.0
		<b>Well HR-32-24-303</b>		<b>Well HR-33-03-901</b>	
		Owner: City of Grande Prairie		Owner: City of Garland	
		1952	360	May 30, 1952	153
July 19, 1954	574 *	Apr. 13, 1956	604 *	Oct. 26, 1956	541
Aug. 11, 1954	606 *	June 22, 1956	604 *	Oct. 29, 1970	416.0
May 13, 1955	546 *	Sept. 20, 1956	669 *	Nov. 8, 1971	386.0
Aug 12, 1955	574 *	Oct. 18, 1956	576	Nov. 15, 1972	395.0
Jan. 5, 1956	574 *	Feb. 28, 1975	869 *		
Apr. 13, 1956	608 *	Apr. 21, 1975	821 *		
June 22, 1956	636 *				
July 19, 1956	639 *	<b>Well HR-32-24-901</b>			
Sept. 20, 1956	641 *	Owner: W. A. Alsbaugh			
Oct. 18, 1956	670 *	July 12, 1971	189.9		
Apr. 4, 1974	868.0*	Nov. 9, 1971	182.8		
Apr. 22, 1975	920.0*	Nov. 15, 1972	185.2		
		Nov. 8, 1973	191.3		
		Nov. 14, 1974	194.4		

\* Pumping level

# DALLAS COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HR-33-03-901—Continued</b>		<b>Well HR-33-09-701</b>		<b>Well HR-33-10-101</b>	
Nov. 8, 1973	410.0	Owner: City of Grande Prairie		Owner: Dallas County Park Cities Water Conservation and Improvement District No. 2	
Nov. 7, 1974	434.3	May 4, 1965	601	May 14, 1953	185.9
Nov. 2, 1977	456.9	July 30, 1965	653	June 1954	253
<b>Well HR-33-09-502</b>		May 21, 1971	719	July 1954	261
Owner: City of Irving		Nov. 12, 1971	806 *	Aug. 1954	288
Nov. 1953	342	June 6, 1973	836 *	Sept. 1954	292
Dec. 1953	343	Sept. 21, 1973	784	Oct. 1954	292
Feb. 1954	350	Aug. 27, 1974	864 *	Nov. 1954	288
Apr. 1954	366	Feb. 22, 1975	829 *	Dec. 1954	286
May 1954	362	Nov. 3, 1975	759 *	Jan. 1955	280
Oct. 1954	426	Aug. 11, 1976	754 *	Feb. 1955	274
Jan. 1955	400	Oct. 26, 1977	784 *	Mar. 1955	268
Dec. 1955	390	<b>Well HR-33-09-703</b>		Apr. 1955	272
<b>Well HR-33-09-503</b>		Owner: City of Grande Prairie		June 1955	279
Owner: City of Irving		July 29, 1953	369.2	July 1955	273
May 9, 1953	282	Nov. 23, 1953	384.2	Aug. 1955	282
Nov. 23, 1953	342.4	Dec. 14, 1953	378.6	Sept. 1955	291
Dec. 14, 1953	343.8	Feb. 1954	392	Oct. 1955	299
Feb. 24, 1954	350.1	Apr. 16, 1954	498.7	Nov. 1955	302
Apr. 5, 1954	366.1	Aug. 12, 1954	622 *	Dec. 1955	305
May 12, 1954	363.4	Oct. 1954	446	Jan. 1956	306
Oct. 1, 1954	426.7	Dec. 29, 1954	442	Feb. 1956	306
Dec. 23, 1954	400.9	Dec. 30, 1954	587	Mar. 1956	305
Dec. 16, 1955	389.6	Mar. 21, 1955	441	Apr. 1956	310
<b>Well HR-33-09-506</b>		Mar. 29, 1955	564 *	June 1956	306
Owner: George Foster		May 23, 1955	440	July 1956	312
Feb. 16, 1971	5.4	Jan. 4, 1956	453	Aug. 1956	341
Nov. 9, 1971	2.7	Jan. 5, 1956	599 *	Sept. 1956	362
Nov. 15, 1972	1.3	Apr. 13, 1956	622 *	Oct. 1956	373
Nov. 8, 1973	1.8	June 2, 1956	645 *	<b>Well HR-33-10-301</b>	
Nov. 14, 1974	1.2	July 17, 1956	659 *	Owner: Village Country Club	
Nov. 17, 1975	5.4	Sept. 21, 1956	657 *	June	330
Nov. 1, 1976	4.2	Oct. 18, 1956	683 *	Oct. 22, 1970	349.5
Nov. 1, 1977	4.2	Apr. 3, 1974	744	Nov. 8, 1971	358.9
		Apr. 22, 1975	834 *		

\* Pumping level

# DALLAS COUNTY

## Table 3.—Water Levels in Selected Wells—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HR-33-10-301—Continued</b>		<b>Well HR-33-10-705</b>		<b>Well HR-33-10-822—Continued</b>	
Nov. 15, 1972	366.1	Owner: City of Dallas		1941	94
Nov. 15, 1974	364.4	1941	150	1941	260 *
Nov. 1, 1976	380.9	May 18, 1953	335	1942	85
Nov. 2, 1977	384.8	Nov. 5, 1953	528 *	1943	96
<b>Well HR-33-10-401</b>		Jan. 1, 1954	534 *	<b>Well HR-33-10-827</b>	
Owner: Eastman Kodak		Feb. 9, 1954	557 *	Owner: City of Dallas	
July 25, 1953	365 *	Mar. 12, 1954	535 *	1912	+254
July 27, 1953	273	Apr. 28, 1954	540 *	1934	55
May 11, 1954	289	June 11, 1954	538 *	July 1937	117
Oct. 22, 1956	447 *	July 19, 1954	550 *	Nov. 1938	139
Dec. 6, 1965	440	Sept. 15, 1954	552 *	1940	85
July 5, 1966	435	Aug. 15, 1955	558 *	1941	151
June 29, 1970	525	Mar. 14, 1956	464.7	June 20, 1942	131.0
Feb. 16, 1971	525	Oct. 25, 1956	565 *	1943	124
Nov. 12, 1971	510	<b>Well HR-33-10-801</b>		<b>Well HR-33-17-112</b>	
Nov. 15, 1972	580 *	Owner: City of Dallas		Owner: North American Aviation	
June 11, 1973	543	May 5, 1953	209.5	Mar. 31, 1941	149
Nov. 9, 1973	560	Mar. 14, 1956	318	Mar. 31, 1941	281 *
Nov. 7, 1974	610 *	Oct. 25, 1956	610 *	1951	324
Nov. 24, 1975	573	Nov. 11, 1970	455.1	1951	444 *
Nov. 1, 1976	625 *	Nov. 8, 1971	453.7	July 29, 1953	528 *
Nov. 2, 1977	600	Nov. 15, 1972	455.3	Aug. 12, 1953	558 *
<b>Well HR-33-10-701</b>		Nov. 15, 1974	509.0	Sept. 23, 1953	550 *
Owner: City of Dallas		Nov. 24, 1975	504.7	Oct. 6, 1953	560 *
Dec. 15, 1952	459 *	Nov. 1, 1976	513.1	Nov. 25, 1953	558 *
Apr. 20, 1953	225	Nov. 1, 1977	536.8	Dec. 9, 1953	558 *
May 8, 1953	508 *	<b>Well HR-33-10-822</b>		Jan. 20, 1954	550 *
May 11, 1953	488 *	Owner: City of Dallas		Feb. 17, 1954	556 *
Feb. 9, 1954	580 *	1934	53	Mar. 17, 1954	568 *
July 20, 1954	590 *	1937	267 *	Apr. 7, 1954	566 *
Dec. 28, 1954	677 *	1939	66	May 12, 1954	570 *
Oct. 25, 1956	643 *	1940	86	June 9, 1954	578 *

\* Pumping level



# DALLAS COUNTY

Table 3.—Water Levels in Selected Wells—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HR-33-17-112—Continued</b>		<b>Well HR-33-17-113—Continued</b>		<b>Well HR-33-17-801—Continued</b>	
July 14, 1954	586 *	Sept. 21, 1955	608 *	Nov. 18, 1976	814.1
Aug. 11, 1954	612 *	July 18, 1956	620 *	Nov. 23, 1977	942.0
Sept. 22, 1954	604 *	Oct. 17, 1956	612 *		
Oct. 20, 1954	608 *			<b>Well HR-33-17-802</b>	
Nov. 17, 1954	602 *			Owner: City of Duncanville	
Dec. 23, 1954	603 *	<b>Well HR-33-17-114</b>		Mar. 31, 1969	745
Jan. 19, 1955	592 *	Owner: North American Aviation		July 29, 1971	889.1
Feb. 16, 1955	592 *	Nov. 14, 1942	211	May 30, 1972	986 *
Apr. 20, 1955	596 *	Nov. 15, 1942	325 *	Nov. 16, 1972	838.0
May 25, 1955	600 *	1943	355 *	Nov. 8, 1973	909.9
June 29, 1955	608 *	1944	262	Nov. 7, 1974	900.0
July 27, 1955	610 *	1944	363 *	Jan. 15, 1975	886.8
Nov. 23, 1955	608 *	1951	296	Jan. 16, 1975	960.7*
Dec. 21, 1955	606 *	1953	375	Nov. 17, 1975	847.5
Jan. 26, 1956	618 *	May 27, 1953	462 *	Nov. 18, 1976	860.5
Feb. 22, 1956	610 *	Oct. 6, 1953	540 *	Nov. 23, 1977	930.0
Mar. 28, 1956	612 *	May 26, 1954	554 *		
Apr. 25, 1956	610 *	July 28, 1954	590 *	<b>Well HR-33-19-101</b>	
May 23, 1956	612 *	Dec. 23, 1954	588 *	Owner: City of Dallas	
June 20, 1956	618 *	June 29, 1955	592 *	Nov. 2, 1953	130
July 25, 1956	610 *	Aug. 31, 1955	612 *	May 7, 1954	222.5
		Mar. 14, 1956	602 *	Mar. 14, 1956	254.5
		Oct. 17, 1956	610 *	Nov. 19, 1957	286.0
<b>Well HR-33-17-113</b>		<b>Well HR-33-17-801</b>		Nov. 6, 1970	393.4
Owner: North American Aviation		Owner: City of Duncanville		Dec. 18, 1970	391.2
Nov. 24, 1942	197	May 1960	670	Mar. 15, 1971	385.8
1951	310	Jan. 23, 1968	802	May 17, 1971	389.0
Mar. 25, 1953	440 *	July 30, 1968	790	Aug. 31, 1971	408.7
June 24, 1953	480 *	July 30, 1968	930 *	Nov. 8, 1971	399.7
Sept. 9, 1953	522 *	July 29, 1971	892	Mar. 1, 1972	381.6
Nov. 1953	435	Apr. 21, 1972	876	May 3, 1972	389.6
Jan. 13, 1954	530 *	May 30, 1972	982 *	July 12, 1972	407.6
Apr. 7, 1954	550 *	Nov. 8, 1973	903.0	Sept. 12, 1972	418.0
July 28, 1954	590 *	Nov. 7, 1974	882.0	Nov. 15, 1972	423.3
Dec. 23, 1954	584 *	Nov. 17, 1975	837.0	Jan. 23, 1973	415.1
May 11, 1955	580 *				

\* Pumping level

# DALLAS COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HR-33-19-101—Continued</b>		<b>Well HR-33-19-301—Continued</b>		<b>Well HR-33-20-401</b>	
Mar. 28, 1973	417.7	Nov. 15, 1972	476	Owner: Dallas County Water Conservation and Improvement District No. 7	
May 23, 1973	419.4	Nov. 16, 1972	474.2	May 5, 1956	192
July 16, 1973	425.0	Nov. 7, 1974	332	Nov. 1970	290
Sept. 18, 1973	426.3	Nov. 21, 1975	380	Nov. 16, 1972	327.7
Nov. 8, 1973	431.8	Nov. 18, 1976	388	Nov. 9, 1973	367.1
Feb. 4, 1974	430.2	Nov. 29, 1977	411.0	Nov. 10, 1975	465.0
May 13, 1974	440.1	<b>Well HR-33-19-303</b>		Nov. 18, 1976	440.0
Aug. 14, 1974	455.8	Owner: City of Dallas		Nov. 29, 1977	430.0
Nov. 4, 1974	454.4	1948	193	<b>Well HR-33-25-401</b>	
Feb. 5, 1975	447.6	Nov. 5, 1970	333.9	Owner: City of Cedar Hill	
May 1, 1975	442.4	Nov. 8, 1971	340.3	July 1969	790
Aug. 11, 1975	448.2	Nov. 16, 1972	344.4	Sept. 3, 1971	825.0
Nov. 17, 1975	453.5	Nov. 9, 1973	354.5	July 2, 1972	853.0
Feb. 6, 1976	453.8	Nov. 15, 1974	365.6	June 25, 1974	930.0
June 2, 1976	454.5	Nov. 21, 1975	360.7	Apr. 4, 1975	892.0
Sept. 13, 1976	466.7	Nov. 1, 1976	368.5	Apr. 4, 1975	959.0*
Nov. 1, 1976	465.5	Nov. 1, 1977	363.9	Aug. 10, 1976	925.0
Mar. 1, 1977	463.3	<b>Well HR-33-20-102</b>		Oct. 26, 1977	1,020.0*
May 31, 1977	461.8	Owner: Dallas County Water Conservation and Improvement District No. 6		<b>Well HR-33-26-303</b>	
Sept. 1, 1977	475.6	July 26, 1971	374.4	Owner: City of Lancaster	
Nov. 1, 1977	482.9	Nov. 8, 1971	362.5	Sept. 1950	268
Dec. 1, 1977	479.3	Nov. 16, 1972	368.1	Dec. 5, 1961	330
<b>Well HR-33-19-301</b>		Nov. 9, 1973	382.6	Nov. 9, 1971	507.0
Owner: Dallas County Water Conservation and Improvement District No. 6		Nov. 15, 1974	386.4	Nov. 16, 1972	436.0
Feb. 9, 1956	317	Nov. 21, 1975	503.0	Nov. 8, 1973	400.0
July 26, 1971	454	Nov. 18, 1976	507.4	Nov. 7, 1974	433.0
Nov. 8, 1971	468	Nov. 29, 1977	495.0	Nov. 24, 1975	488.0
				Nov. 18, 1976	491.0
				Nov. 29, 1977	487.0

\* Pumping level

## DALLAS COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kcpa, Paluxy Formation; Kctm, Twin Mountains Formation; Kga, Austin Group; Kgw, Woodbine Group; Qal, Alluvium.

Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids. Analyses by Texas Department of Health.

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HR-32-08-601	Kcpa	1,066	May 31, 1960	14	--	18	--	246	1.0	458	103	16	0.9	2.2	2.1	629	4	1,010	8.4	--	--	--
601	Kcpa	1,066	Mar. 12, 1968	--	--	2	2	249	--	449	104	23	1.0	1.0	--	627	14	1,099	8.9	98	29.7	7.0
601	Kcpa	1,066	Apr. 7, 1975	--	0.1	5	1	213	--	378	97	29	1.2	4.3	--	536	17	1,008	8.8	97	22.7	5.8
602	Kgw	293	Aug. 11, 1972	--	--	1	1	156	--	312	63	21	.7	< .4	--	396	7	700	8.2	98	26.4	4.9
16-601	Kgw	439	June 3, 1975	13	--	8	1	590	--	720	428	186	4.2	3.0	--	1,587	24	2,340	8.2	98	52.3	11.3
906	Kgw	286	June 2, 1975	10	--	2	1	317	--	560	184	39	2.3	2.9	--	833	8	1,270	8.1	99	45.7	8.9
907	Kgw	190	do	16	--	105	24	351	--	600	540	65	1.5	4.7	--	1,402	359	1,870	7.7	68	8.0	2.6
908	Kgw	191	do	5	--	2	1	319	--	475	216	32	2.2	< .4	--	811	8	1,260	8.9	99	46.0	7.6
24-302	Kcpa	1,151	Oct. 4, 1976	14	--	2	1	273	--	442	182	26	1.1	< .4	--	716	10	1,136	8.8	98	39.3	7.0
303	Kctm	2,077	Feb. 19, 1953	--	--	6	3	322	--	531	156	85	2.4	< .4	--	835	28	--	8.5	96	26.8	8.1
304	Kcpa	1,092	Mar. 2, 1954	--	--	2	--	268	--	434	131	22	--	--	--	636	--	--	9.2	--	--	--
304	Kcpa	1,092	May 16, 1974	--	.1	1	1	258	--	460	131	22	1.3	.8	--	641	6	1,179	8.8	99	43.6	7.4
305	Kctm	2,047	Mar. 28, 1952	16	--	2	1	318	2.0	515	138	82	1.8	1.8	.8	816	10	1,350	8.4	98	45.8	8.2
305	Kctm	2,047	Feb. 1, 1953	15	.1	7	3	315	--	543	144	85	2.0	.0	--	795	30	--	8.5	96	25.1	--
305	Kctm	2,047	May 16, 1974	--	.1	2	1	310	--	510	141	83	2.1	< .4	--	790	11	1,460	8.6	99	44.7	8.1
305	Kctm	2,047	Aug. 14, 1975	--	.0	3	3	317	--	510	148	85	2.3	1.1	--	810	21	1,500	8.6	97	30.9	7.9
306	Kctm	2,067	Feb. 1, 1953	17	.1	7	8	315	--	530	182	78	2.0	.0	--	860	51	--	8.4	93	19.3	--
308	Kgw	345	Mar. 1, 1947	14	.4	4	3	234	--	536	59	21	1.3	2.0	--	542	23	--	8.6	96	21.5	--
309	Kctm	2,029	June 23, 1943	--	--	4	1	321	--	543	131	83	1.9	2.0	--	810	8	--	--	98	37.2	8.6
310	Kgw	283	Feb. 1, 1953	--	.5	8	5	315	--	549	144	89	2.6	.9	--	893	41	--	8.4	94	21.5	--
312	Kgw	372	Mar. 6, 1941	--	--	4	3	220	--	506	58	14	1.4	1.8	--	551	22	--	--	96	20.2	7.8
312	Kgw	372	June 30, 1943	14	.1	2	1	255	--	531	87	20	1.2	4.7	--	646	8	--	8.7	98	36.7	8.5
313	Kgw	419	do	9	.0	2	0	233	--	506	65	16	1.2	4.0	--	579	6	--	8.6	99	45.3	8.1
316	Kcpa	1,000	July 6, 1942	--	--	0	4	281	--	549	137	20	1.5	3.0	--	717	17	--	--	97	30.1	8.6
603	Kgw	319	May 5, 1975	10	--	2	1	304	--	580	142	26	2.7	3.7	--	776	9	1,170	8.7	99	43.8	9.3
604	Kgw	391	do	12	--	8	1	206	--	334	146	31	.7	2.4	--	571	22	895	8.4	95	18.2	4.9
901	Kgw	356	July 12, 1971	10	--	3	1	223	--	479	87	10	1.2	< .4	--	571	14	885	8.0	98	28.4	7.6
901	Kgw	356	July 9, 1976	12	.1	3	1	230	--	468	96	17	1.2	.4	--	590	12	930	8.5	98	29.3	7.4

## DALLAS COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HR-32-24-902	Kgw	446	May 5, 1975	10	--	2	1	260	--	560	84	17	2.2	2.1	--	653	9	1,020	8.4	98	37.5	8.9
32-301	Kgw	314	July 12, 1971	8	--	3	1	244	--	590	44	10	1.6	< .4	--	602	14	930	8.3	98	31.1	9.4
33-01-101	Kctm	2,028	Apr. 7, 1975	--	0.7	7	1	402	--	540	201	166	2.6	2.0	--	1,047	24	1,958	8.4	98	37.6	8.4
301	Kctm	2,318	Jan. 20, 1957	--	.0	0	56	546	0.0	257	700	330	--	--	--	1,758	230	--	--	84	15.6	.0
301	Kctm	2,318	May 7, 1957	19	--	4	1	399	--	520	228	155	1.9	--	--	1,063	16	1,700	8.7	98	46.2	8.2
302	Kctm	2,275	Mar. 18, 1957	--	.3	8	2	417	--	537	228	160	--	--	--	1,079	18	1,832	8.4	97	34.1	8.2
302	Kctm	2,275	Mar. 23, 1957	--	--	4	1	417	--	537	12	228	16.0	--	--	942	18	1,832	8.3	98	48.3	8.5
401	Kcpa	1,144	May 28, 1960	3	--	47	8	30	5.4	122	65	38	.4	.5	--	257	150	451	7.2	29	1.0	.0
502	Kgw	550	June 24, 1975	10	--	6	1	640	--	730	470	218	4.4	3.2	--	1,710	--	--	--	99	63.7	11.5
601	Kctm	2,338	Jan. 1, 1953	21	.1	18	5	343	--	--	136	153	1.0	.0	--	934	66	--	8.3	92	18.4	--
601	Kctm	2,338	Sept. 18, 1959	--	.2	3	1	355	--	537	135	153	2.0	< .4	--	960	13	1,600	8.3	87	14.3	6.4
601	Kctm	2,338	Feb. 10, 1965	--	--	5	1	359	--	530	133	158	.5	1.5	--	919	18	1,704	8.4	98	38.3	8.3
601	Kctm	2,338	Apr. 26, 1974	--	.1	11	4	398	--	520	248	154	2.3	3.9	--	1,077	45	1,971	8.2	95	26.1	7.6
602	Kgw	320	Mar. 28, 1938	14	.2	6	5	845	--	942	377	398	2.4	3.1	--	2,113	30	--	8.4	98	61.6	14.7
602	Kgw	320	Aug. 14, 1942	--	--	6	4	797	--	793	407	488	1.6	.0	--	2,093	32	--	--	98	61.8	12.3
602	Kgw	320	Mar. 6, 1951	16	--	15	8	738	--	811	345	462	3.8	< .4	--	1,987	71	--	--	96	38.2	11.8
602	Kgw	320	Jan. 1, 1953	19	.1	16	5	753	--	805	392	447	3.2	.0	--	2,140	61	--	8.0	96	42.1	--
603	Kgw	558	Dec. 16, 1953	24	.1	4	7	627	--	744	473	213	2.2	4.9	--	1,720	39	--	7.5	97	43.8	11.4
604	Kgw	410	Aug. 14, 1942	--	--	9	4	819	--	805	554	404	3.6	.0	--	2,189	37	--	--	98	57.1	12.4
604	Kgw	410	Jan. 1, 1953	19	.6	16	5	730	--	775	476	366	3.2	.0	--	2,035	61	--	8.0	96	40.8	--
803	Kgw	258	June 24, 1975	9	--	5	1	650	--	780	421	257	4.4	5.6	--	1,736	18	2,550	8.2	99	69.4	12.4
805	Kcpa	1,187	Aug. 8, 1977	16	--	2	1	256	--	509	131	18	1.3	.7	--	676	7	1,036	8.3	98	36.9	8.1
904	Qal	31	June 23, 1975	16	--	153	4	61	--	428	66	81	.4	< .4	--	592	400	950	7.7	25	1.3	.0
02-102	Kctm	2,515	Aug. 16, 1974	16	.2	4	1	390	--	525	195	142	2.2	.6	--	1,009	15	1,730	8.0	98	45.2	8.3
102	Kctm	2,515	Mar. 3, 1976	--	.3	4	1	369	--	530	169	147	2.1	< .4	--	953	15	1,796	8.5	98	42.7	8.4
201	Kctm	2,778	Oct. 1, 1971	--	--	5	2	384	--	534	183	140	2.3	< .4	--	979	19	--	8.4	98	36.7	8.3
203	Kctm	2,775	July 23, 1976	16	--	6	1	389	--	550	179	155	2.1	< .4	0.9	1,019	16	1,610	8.2	98	38.7	8.6
204	Kctm	2,786	do	19	--	6	1	386	--	550	196	141	2.1	< .4	--	1,021	16	1,610	7.8	98	38.4	8.6
402	Kctm	2,565	June 23, 1975	19	--	5	1	354	--	560	131	140	2.3	1.2	--	928	16	1,470	8.3	98	37.8	8.8
405	Kgw	690	Aug. 25, 1942	--	--	2	1	829	--	830	591	365	--	4.0	--	2,201	11	--	--	99	119.5	13.4
902	Kgw	1,047	June 17, 1975	14	--	5	1	640	--	760	399	241	4.1	< .4	--	1,678	17	2,470	8.0	99	68.3	12.1
904	Kctm	3,053	Feb. 6, 1957	17	--	5	2	390	--	504	273	104	--	.1	--	1,038	18	--	8.5	98	37.2	7.8

## DALLAS COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HR-33-02-904	Kctm	3,053	Jan. 5, 1959	17	--	7	0	371	--	456	275	102	1.8	0.1	--	998	24	1,168	8.4	98	38.6	7.1
03-201	Kgw	1,277	June 12, 1975	14	--	6	1	760	--	810	437	351	4.5	3.6	--	1,975	18	2,800	8.0	99	75.6	12.8
401	Kctm	3,333	June 12, 1952	18	--	5	2	419	--	512	291	120	--	--	--	1,106	20	--	8.2	98	40.0	7.9
401	Kctm	3,333	Mar. 1, 1953	16	0.1	7	2	304	--	603	134	36	1.8	.0	--	780	26	--	8.5	96	26.0	--
401	Kctm	3,333	July 21, 1966	--	--	3	1	424	--	530	286	121	2.5	< .4	--	1,098	14	1,958	8.2	99	54.1	8.4
402	Kcpa	2,068	Dec. 16, 1947	16	--	3	1	299	--	558	103	27	--	--	--	723	12	--	8.6	98	38.1	8.9
402	Kcpa	2,068	Mar. 1, 1953	33	.1	12	4	47	--	543	323	114	2.0	.0	--	1,105	47	--	8.4	69	3.0	--
402	Kcpa	2,068	June 2, 1966	--	--	3	1	296	--	590	116	36	1.6	< .4	--	744	9	1,278	8.6	98	37.8	9.4
404	Kgw	1,254	Dec. 1, 1958	--	.2	5	1	660	--	722	353	269	4.0	< .4	--	1,890	16	3,150	7.9	99	70.5	--
404	Kgw	1,254	June 2, 1966	--	.1	5	1	670	--	760	433	299	3.5	< .4	--	1,785	18	3,276	8.3	99	71.5	12.1
404	Kgw	1,254	May 19, 1977	--	--	6	1	670	--	760	445	286	3.8	.0	--	1,396	16	3,250	8.3	99	66.7	12.0
405	Kcpa	1,947	July 3, 1942	--	--	4	2	294	--	598	122	23	1.1	2.5	--	742	16	--	--	97	29.9	9.4
801	Kctm	3,488	July 12, 1959	11	.8	10	1	265	--	305	243	59	1.4	< .4	--	741	30	1,400	8.5	95	21.3	4.4
802	Kgac	25	Feb. 16, 1971	7	--	74	6	17	--	207	45	15	.4	< .4	--	266	208	442	7.5	15	.5	.0
902	Kcpa	2,303	Mar. 6, 1941	--	--	--	4	322	--	616	156	32	1.7	1.0	--	819	18	--	--	--	--	--
902	Kcpa	2,303	July 3, 1942	--	--	4	2	332	--	622	166	33	2.0	2.5	--	847	16	--	--	98	33.8	9.8
902	Kcpa	2,303	Apr. 1, 1951	19	.1	9	4	310	--	--	175	32	1.6	2.7	--	882	39	--	8.4	95	21.6	--
903	Kctm	3,454	do	28	.2	15	9	409	--	--	378	107	.2	.0	--	1,202	75	--	8.4	92	20.6	--
903	Kctm	3,454	July 17, 1959	9	.2	10	2	150	--	185	113	44	1.0	< .4	--	420	33	810	8.4	91	11.3	2.3
904	Kctm	3,626	Apr. 1, 1951	25	1.2	16	11	340	--	--	105	75	.8	.0	--	1,048	85	--	8.5	90	16.0	--
905	Kcpa	2,318	Aug. 16, 1939	25	.1	64	13	231	--	685	154	36	1.8	3.0	--	864	213	--	8.0	70	6.8	6.9
905	Kcpa	2,318	July 3, 1942	--	--	4	4	335	--	628	174	32	2.2	2.0	--	861	27	--	--	96	28.3	9.7
905	Kcpa	2,318	Apr. 1, 1951	21	.1	7	5	311	--	--	21	36	1.6	.0	--	870	38	--	8.4	95	21.9	--
04-801	Kcpa	2,658	Apr. 27, 1954	20	--	2	--	338	--	487	207	36	--	--	--	842	--	--	9.1	--	--	--
801	Kcpa	2,658	Mar. 1, 1956	--	.1	2	1	338	--	573	205	46	1.6	< .4	--	900	9	--	8.4	99	48.7	--
801	Kcpa	2,658	July 23, 1964	--	.1	3	0	331	--	557	192	32	2.1	< .4	--	834	8	1,552	8.5	99	52.6	8.9
801	Kcpa	2,658	June 16, 1975	10	--	12	1	125	--	216	93	20	1.4	1.9	--	370	35	605	7.9	89	9.3	2.8
09-101	Kctm	2,134	Mar. 12, 1954	18	--	2	1	341	1.4	547	158	102	2.2	.5	0.8	895	12	1,460	8.3	99	49.1	8.7
102	Kctm	2,140	July 11, 1973	--	.1	10	4	395	--	486	303	105	1.8	.0	--	1,057	40	1,500	8.2	95	26.7	7.1
103	Kcpa	1,184	Oct. 20, 1975	--	.1	3	0	299	--	442	208	24	.8	.0	--	752	10	1,200	8.7	99	47.5	7.0
203	Kcpa	1,160	Aug. 4, 1976	--	.1	2	0	283	--	481	142	23	1.4	.5	--	688	9	1,100	8.5	99	55.1	7.7
301	Kgw	490	July 21, 1975	7	--	29	3	113	--	165	108	61	1.5	2.0	--	405	85	697	7.5	74	5.3	1.0
402	Kctm	2,094	Jan. 23, 1967	--	--	2	2	346	--	522	193	104	2.3	< .4	--	906	12	1,650	8.5	98	41.4	8.2

## DALLAS COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HR-33-09-403	Kctm	2,117	Apr. 10, 1972	--	0.3	4	2	378	--	464	260	100	1.7	0.0	--	974	18	--	8.3	98	38.5	7.2
403	Kctm	2,117	May 8, 1974	--	--	3	1	424	--	520	203	186	2.2	< .4	--	1,075	13	2,025	8.5	99	54.1	8.2
501	Kctm	2,184	Jan. 1, 1953	37	.2	8	4	350	--	536	198	107	1.6	.0	--	962	37	--	8.3	95	25.2	--
501	Kctm	2,184	Aug. 1, 1959	--	.1	3	1	335	--	540	150	104	1.9	< .4	--	990	10	1,650	8.2	98	42.7	--
501	Kctm	2,184	Mar. 31, 1961	--	--	2	1	366	--	531	163	103	2.0	< .4	0.1	898	8	1,594	8.3	99	52.7	8.5
502	Kctm	2,309	Feb. 27, 1961	--	--	5	2	373	--	485	370	86	1.8	< .4	.1	1,076	22	1,904	8.1	98	35.6	7.5
503	Kctm	2,284	Jan. 1, 1953	32	.2	12	4	381	--	508	293	99	2.0	.0	--	1,077	47	--	8.3	95	24.3	--
503	Kctm	2,284	Feb. 1, 1954	--	9.4	4	2	471	--	567	386	124	2.2	< .4	--	1,405	18	--	8.3	98	48.0	--
504	Kctm	2,267	Jan. 1, 1953	17	.2	6	3	364	--	533	235	99	2.0	.0	--	996	28	--	8.3	97	30.3	--
504	Kctm	2,267	Mar. 31, 1961	--	--	5	2	388	--	501	280	98	.2	< .4	--	1,020	20	1,780	7.7	98	37.1	7.7
507	Kctm	2,250	Nov. 3, 1972	--	--	6	2	368	--	495	255	97	1.5	.0	--	972	24	--	8.1	97	33.2	7.6
509	Kgw	494	Aug. 13, 1942	--	--	0	2	621	--	634	591	155	.0	1.0	--	1,681	6	--	--	99	94.2	10.2
509	Kgw	494	Jan. 1, 1953	59	5.2	9	3	359	--	531	219	107	2.0	.0	--	1,075	35	--	8.3	96	26.4	--
510	Kgw	397	Aug. 15, 1939	16	.5	12	15	547	--	628	536	172	2.1	< .4	--	1,610	92	--	8.5	93	24.8	--
510	Kgw	397	Aug. 13, 1942	--	--	10	4	622	--	677	554	182	1.6	1.5	--	1,707	42	--	--	97	42.0	10.2
510	Kgw	397	Jan. 1, 1953	29	.9	13	4	539	--	610	523	156	1.8	.0	--	1,612	49	--	8.3	96	33.5	--
511	Kgw	405	June 2, 1975	12	--	4	1	500	--	550	497	96	1.7	2.7	--	1,384	11	1,950	7.8	99	57.9	8.7
512	Kgw	505	do	14	--	4	1	550	--	570	550	133	3.4	4.0	--	1,539	14	2,200	8.4	99	63.7	9.0
701	Kctm	2,092	May 7, 1965	12	--	2	1	222	--	507	150	85	--	--	--	721	11	--	8.8	98	32.0	8.1
701	Kctm	2,092	July 13, 1971	14	--	8	2	317	--	540	152	83	2.4	< .4	--	844	28	1,280	8.0	96	25.9	8.2
701	Kctm	2,092	May 16, 1974	--	.1	2	1	322	--	510	158	84	2.5	< .4	--	820	10	1,507	8.6	99	46.4	8.1
701	Kctm	2,092	Aug. 14, 1975	--	.1	7	3	242	--	395	129	55	1.7	2.6	--	635	29	1,160	8.6	95	19.2	5.8
703	Kctm	2,163	May 14, 1965	--	--	7	4	373	--	506	279	82	2.4	< .4	--	996	33	1,870	8.4	96	27.8	7.6
703	Kctm	2,163	May 16, 1974	--	.1	9	2	385	--	486	340	82	2.2	< .4	--	1,059	31	1,917	8.5	96	30.2	7.3
704	Kctm	2,001	do	--	.1	14	1	212	--	329	129	67	1.6	3.5	--	590	39	1,080	8.5	92	14.7	4.6
705	Kgw	190	June 3, 1975	12	--	16	1	304	--	570	184	33	1.7	< .4	--	832	40	1,250	7.7	94	19.9	8.4
707	Kcpa	1,040	July 21, 1975	12	--	2	1	258	--	510	116	21	1.4	3.0	--	665	9	1,036	8.0	98	37.2	8.1
708	Kgw	450	do	9	--	2	1	317	--	510	209	35	1.4	3.1	--	828	7	1,260	8.2	99	45.7	8.1
801	Kgw	475	May 27, 1975	12	--	5	1	454	--	530	457	76	2.2	1.0	--	1,268	15	1,850	8.1	98	48.4	8.3
802	Kcpa	1,180	Sept. 27, 1976	14	--	2	1	270	--	476	167	19	1.1	< .4	--	708	9	1,131	8.6	98	38.9	7.6
902	Kctm	2,597	July 17, 1959	18	--	233	58	1,137	--	317	2,832	64	--	--	--	4,497	824	--	8.3	75	17.2	.0
903	Kctm	2,601	July 24, 1959	16	--	4	1	327	--	468	19	153	10.8	--	--	760	15	--	8.6	98	37.9	7.3

## DALLAS COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HR-33-09-904	Kcpa	1,325	Mar. 1, 1953	16	0.2	8	3	262	--	--	140	25	1.0	< 0.4	--	--	33	--	8.6	95	20.0	--
904	Kcpa	1,325	Nov. 7, 1955	12	--	3	1	274	--	439	142	28	.1	< .4	--	676	12	--	--	98	35.0	6.9
905	Kgw	728	Sept. 23, 1948	10	--	25	3	492	--	561	413	138	2.4	< .4	--	1,359	75	--	8.3	93	24.7	7.7
906	Kgw	787	do	12	.2	28	7	486	--	--	424	138	2.4	< .4	--	--	99	--	8.6	91	21.2	--
906	Kgw	787	Mar. 1, 1953	26	.4	18	6	524	--	--	291	238	1.8	31.0	--	--	70	--	8.4	94	27.3	--
907	Kcpa	1,550	July 8, 1942	--	--	8	3	257	--	470	170	17	1.0	3.0	--	690	32	--	--	95	19.6	7.0
908	Kcpa	1,557	Dec. 6, 1965	12	.1	2	1	273	--	464	146	20	--	--	--	682	7	1,140	9.2	98	39.3	7.4
909	Kctm	2,373	July 1, 1942	--	--	13	5	480	--	500	543	79	2.0	3.0	--	1,372	53	--	--	95	28.6	7.1
910	Kctm-Kcpa	2,485	do	--	--	8	5	445	--	482	481	79	1.2	.0	--	1,258	43	--	--	96	30.4	7.0
911	Kcpa	1,392	do	--	--	4	3	330	--	537	222	49	1.4	.0	--	875	--	--	--	97	30.3	8.3
10-202	Kctm	2,850	June 25, 1942	--	--	120	54	2,585	--	281	5,359	225	4.9	.0	--	8,486	523	--	--	92	49.2	.0
301	Kgw	1,154	July 12, 1971	12	--	9	2	550	--	720	415	161	3.8	< .4	--	1,507	32	2,230	8.0	97	43.2	11.1
302	Kctm	2,999	June 19, 1942	--	--	4	2	378	--	360	407	82	1.3	.0	--	1,051	16	--	--	98	38.5	5.5
401	Kctm	2,689	Apr. 23, 1956	6	--	12	2	330	--	354	246	118	--	.2	--	888	39	--	8.3	95	23.2	5.0
401	Kctm	2,689	July 12, 1976	19	--	6	1	384	--	510	255	125	2.2	.7	--	1,043	18	1,560	8.0	98	38.2	7.9
402	Kcpa	1,527	June 4, 1975	15	--	2	1	337	--	530	257	29	1.8	2.6	--	906	9	1,370	8.2	99	48.6	8.5
403	Kgw	920	July 9, 1942	--	--	6	3	595	--	659	499	181	2.8	4.0	--	1,614	27	--	--	98	49.5	10.2
503	Kgw	770	June 4, 1975	13	--	9	1	620	--	660	520	186	3.9	4.6	--	1,682	27	2,400	8.2	98	52.3	10.2
504	Kctm	2,700	June 25, 1942	--	--	204	86	3,124	--	342	6,759	232	2.4	.0	--	10,575	863	--	--	99	46.2	.0
504	Kctm	2,700	June 25, 1975	12	--	70	37	1,980	--	344	3,900	196	3.9	< .4	--	6,368	327	6,850	8.2	93	47.6	.0
510	Kctm-Kcpa	2,585	June 20, 1942	--	--	219	91	2,929	--	366	6,431	205	--	.0	--	10,059	921	--	--	87	41.9	.0
705	Kctm	2,634	June 26, 1942	--	--	7	2	394	--	498	341	80	1.7	2.5	--	1,073	27	--	--	97	33.8	7.6
803	Kcpa	1,658	July 9, 1942	--	--	6	2	310	--	543	207	20	1.8	3.0	--	816	21	--	--	97	28.0	8.4
804	Kcpa	1,620	July 8, 1942	--	--	10	1	278	--	543	148	20	1.0	.5	--	725	25	--	--	95	22.4	8.3
807	Kctm	2,776	June 30, 1942	--	--	8	3	403	--	549	314	90	1.0	2.5	--	1,091	32	--	--	96	30.8	8.3
810	Kcpa	1,660	July 9, 1942	--	--	10	4	405	--	592	333	57	3.3	4.0	--	1,107	42	--	--	96	27.3	8.8
816	Kcpa	1,970	July 10, 1942	--	--	9	2	288	--	543	170	20	2.6	2.0	--	760	32	--	--	95	22.6	8.2
817	Kcpa	1,618	do	--	--	8	1	296	--	549	170	21	2.2	.0	--	768	20	--	--	96	26.2	8.5
822	Kctm	2,750	June 20, 1942	26	.0	6	2	378	--	522	279	88	2.2	.0	--	1,037	26	--	8.5	97	34.1	8.0
823	Kctm	2,773	do	24	.0	6	2	365	--	544	204	108	2.2	.0	--	978	24	--	8.5	97	32.9	8.4
824	Kgw-Kcpa	1,660	July 10, 1942	--	--	10	2	564	--	659	466	158	2.3	3.0	--	1,529	31	--	--	97	42.6	10.1
825	Kcpa	1,618	July 11, 1945	--	--	3	2	285	--	537	159	21	1.0	.0	--	735	17	--	--	98	31.2	8.4
828	Kgw	570	July 8, 1942	--	--	8	9	589	--	659	481	205	.0	6.0	--	1,622	55	--	--	96	33.9	9.6

## DALLAS COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HR-33-10-829	Kcpa	1,427	July 8, 1942	--	--	11	5	359	--	695	207	23	3.4	3.0	--	954	48	--	--	94	22.5	10.4
830	Kcpa	1,650	July 22, 1942	--	--	6	3	307	--	543	207	19	1.4	4.0	--	815	27	--	--	96	25.5	8.3
901	Kctm	2,650	June 22, 1942	--	--	36	4	666	--	525	924	110	2.6	1.0	--	2,002	107	--	--	93	28.1	6.4
902	Kgw	974	July 9, 1942	--	--	2	0	665	--	720	554	192	3.2	4.5	--	1,775	5	--	--	99	129.5	11.7
11-301	Kcpa	2,367	Aug. 9, 1977	20	0.1	6	1	267	--	439	168	33	1.3	< .4	--	712	19	1,070	7.8	97	26.5	6.8
701	Kctm	3,145	Nov. 6, 1956	14	--	3	0	415	--	549	173	150	--	--	--	1,024	10	--	8.7	99	66.0	8.8
702	Kctm	3,200	Apr. 24, 1952	15	--	3	0	404	--	556	219	126	--	--	--	1,040	13	--	8.6	99	64.2	8.9
703	Kctm	3,180	Oct. 25, 1952	16	--	4	0	385	--	539	213	114	--	--	--	997	14	--	--	99	53.0	8.6
703	Kctm	3,180	July 12, 1976	22	--	5	1	393	--	590	200	130	1.7	< .4	--	1,043	13	1,570	8.4	98	41.9	9.3
801	Kcpa	2,307	May 10, 1961	19	--	1	0	311	--	506	207	35	1.3	.2	--	823	6	1,300	8.2	99	85.6	8.2
801	Kcpa	2,307	May 14, 1975	19	--	3	1	309	--	492	196	37	1.6	1.0	--	809	11	1,230	8.5	98	39.4	7.8
802	Kgw	1,330	May 10, 1961	15	--	2	0	540	--	668	424	131	2.6	.2	--	1,443	8	2,260	8.0	99	105.1	10.8
802	Kgw	1,330	July 12, 1976	14	.5	39	1	427	--	540	422	99	2.3	< .4	--	1,270	97	1,830	7.7	90	18.4	6.8
806	Kgw	1,302	Aug. 4, 1942	--	--	6	2	555	--	659	466	138	2.8	1.0	--	1,495	21	--	--	98	50.1	10.3
806	Kgw	1,302	June 1, 1947	17	.7	14	6	537	--	--	443	146	2.6	4.0	--	1,574	60	--	8.3	95	30.2	--
807	Kgw	1,301	July 31, 1941	--	--	5	1	305	--	720	395	128	--	.0	--	1,189	18	--	--	98	32.5	11.4
901	Kgw	1,421	Apr. 1, 1950	19	.3	12	11	741	--	--	231	554	2.4	2.2	--	2,062	75	--	8.2	96	37.1	--
901	Kgw	1,421	Oct. 5, 1962	--	.2	5	0	617	--	765	343	237	3.7	4.2	--	1,586	12	2,849	8.3	99	76.0	12.2
12-701	Kctm	3,871	Nov. 1, 1959	--	.1	17	1	86	--	103	76	51	.7	< .4	--	306	42	510	9.1	80	5.4	--
703	Kgw	1,475	June 22, 1939	--	--	--	--	--	--	--	322	465	.4	.9	--	--	--	--	8.5	--	--	--
703	Kgw	1,475	July 31, 1941	--	--	5	2	782	--	942	317	440	.0	.0	--	2,009	23	--	--	99	74.7	15.0
703	Kgw	1,475	Mar. 1, 1950	39	.4	11	1	784	--	921	328	454	3.6	.0	--	2,134	32	--	8.0	98	60.7	--
704	Kcpa	2,555	July 31, 1941	--	--	4	2	394	--	564	307	63	1.4	.0	--	1,048	16	--	--	98	40.1	8.8
704	Kcpa	2,555	Mar. 1, 1950	34	.1	7	5	365	--	561	275	60	1.6	.0	--	1,000	38	--	8.3	95	25.7	--
801	Kcpa	2,651	Feb. 19, 1971	21	--	129	24	164	--	368	399	43	1.1	< .4	--	962	423	1,300	7.8	46	3.4	.0
801	Kcpa	2,651	May 14, 1975	19	--	6	1	346	--	590	220	48	1.8	< .4	--	932	17	1,450	8.4	98	34.4	9.2
17-101	Kcpa	1,180	July 2, 1942	--	--	8	3	280	--	494	192	22	1.0	2.5	--	751	32	--	--	95	21.4	7.4
103	Kgw	417	June 27, 1943	--	--	5	2	352	--	519	230	80	1.8	1.8	--	927	19	--	--	97	33.6	8.0
103	Kgw	417	Dec. 2, 1963	--	--	1	1	382	--	530	323	53	2.2	< .4	--	1,020	7	1,870	8.1	99	64.6	8.5
104	Kgw	485	June 27, 1943	--	--	3	1	377	--	529	294	54	5.7	.2	--	995	12	--	--	99	48.1	8.4
105	Kgw	485	May 20, 1958	11	--	1	--	285	--	482	157	24	1.6	.0	--	716	4	1,170	8.5	--	--	--
106	Kgw	417	do	11	--	1	--	280	--	510	123	24	1.8	--	--	691	3	1,130	8.6	--	--	--
109	Kctm	2,066	July 29, 1957	--	--	4	1	362	--	517	237	80	--	--	--	938	16	1,550	8.4	98	41.9	8.1



## DALLAS COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (microhmhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HR-33-17-112	Kctm	2,148	July 2, 1942	--	--	2	2	402	--	519	333	76	2.4	0.0	--	1,072	11	--	--	99	48.1	8.2
113	Kctm	2,080	June 27, 1943	--	--	4	1	336	--	536	175	84	1.8	.0	--	865	15	--	--	98	38.9	8.5
114	Kctm	2,075	do	--	--	7	2	374	--	517	285	80	1.7	.0	--	1,003	26	--	--	97	32.1	7.9
116	Kctm	2,094	May 16, 1974	--	0.1	3	1	316	--	490	181	80	1.8	2.9	--	826	13	1,485	8.5	98	40.3	7.7
118	Kgw	430	June 30, 1943	--	--	2	1	237	--	517	68	15	1.2	2.8	--	581	7	--	--	98	34.1	8.2
119	Kgw	412	Feb. 1, 1953	26	.7	6	3	315	--	543	158	72	2.8	2.3	--	885	28	--	8.4	96	26.2	--
202	Kctm	2,156	June 27, 1943	--	--	5	1	349	--	508	230	82	2.2	.2	--	919	18	--	--	98	37.2	7.9
202	Kctm	2,156	Oct. 3, 1956	--	--	--	--	--	--	494	218	85	--	--	--	--	13	1,470	8.4	--	--	--
202	Kctm	2,156	Dec. 2, 1963	--	.1	4	2	348	--	495	254	79	2.4	< .4	--	861	17	1,680	8.3	98	35.4	7.7
203	Kctm	2,118	Sept. 21, 1972	14	.1	6	1	366	--	409	290	80	.1	2.0	--	960	19	1,620	8.3	98	36.4	6.3
204	Kgw	502	May 8, 1975	10	--	2	1	280	--	530	137	25	2.0	1.3	--	718	6	1,135	8.0	97	40.3	8.5
205	Kgw	534	Sept. 16, 1976	11	.1	2	1	445	--	510	405	72	1.6	4.3	--	1,192	10	1,810	8.5	99	64.1	8.1
302	Kcpa	1,492	July 8, 1942	--	--	4	3	282	--	488	185	26	1.8	3.0	--	745	22	--	--	96	25.9	7.5
303	Kgw	556	Aug. 12, 1942	--	--	12	2	454	--	586	399	87	1.2	1.5	--	1,244	36	--	--	96	31.9	8.8
401	Kgw	250	July 12, 1971	10	--	2	1	317	--	640	98	40	2.7	< .4	--	785	12	1,200	8.5	99	45.7	10.3
403	Kgw	300	May 6, 1975	10	--	4	1	288	--	620	79	33	2.3	1.7	--	723	12	1,140	8.4	98	33.3	9.8
403	Kgw	300	July 23, 1976	9	--	3	1	297	--	610	73	42	2.2	.5	--	727	8	1,126	8.4	98	37.9	9.7
408	Kgw	440	Sept. 16, 1976	12	.2	2	1	263	--	483	146	21	1.1	2.6	--	686	6	1,080	8.6	98	37.9	7.7
409	Kcpa	1,165	do	14	--	2	1	267	--	486	154	23	1.3	1.2	--	702	9	1,105	8.6	98	38.5	7.7
604	Kgw	880	Aug. 11, 1942	--	--	1	3	401	--	537	370	40	--	3.0	--	1,082	12	--	--	98	45.2	8.5
801	Kctm	2,622	May 10, 1960	--	.1	4	1	317	--	478	125	92	--	--	--	774	--	--	8.5	98	36.7	7.5
801	Kctm	2,622	Dec. 6, 1960	--	--	3	1	316	--	527	109	84	1.6	< .4	--	774	8	1,370	8.3	98	40.3	8.4
801	Kctm	2,622	July 13, 1971	18	--	6	1	299	--	520	131	80	1.7	< .4	--	792	20	1,230	8.1	97	29.7	8.1
801	Kctm	2,622	Dec. 4, 1974	--	--	17	4	560	--	377	840	58	2.5	3.8	--	1,670	61	3,045	8.0	95	31.7	5.0
801	Kctm	2,622	Dec. 15, 1975	--	2.8	17	4	580	--	377	940	54	1.8	< .4	--	1,785	60	3,108	8.3	96	32.8	5.0
802	Kctm	2,555	Apr. 2, 1969	15	.1	3	1	304	--	548	89	94	--	--	--	775	12	1,300	8.3	98	38.8	8.7
802	Kctm	2,555	Dec. 4, 1974	--	--	3	1	305	--	530	94	101	1.5	< .4	--	766	9	1,375	8.4	98	38.9	8.4
802	Kctm	2,555	Dec. 15, 1975	--	1.9	3	1	307	--	540	87	102	1.6	< .4	--	769	10	1,440	8.3	98	39.2	8.6
901	Kctm	2,641	Dec. 6, 1960	--	--	3	1	304	--	542	82	90	1.4	< .4	--	748	8	1,340	8.3	98	38.8	8.6
901	Kctm	2,641	Dec. 4, 1974	--	--	3	1	305	--	520	101	99	2.0	2.9	--	769	10	1,410	8.4	98	38.9	8.2
902	Kgw	810	Dec. 6, 1960	--	--	3	1	490	--	542	390	104	2.0	.7	--	1,257	13	2,350	8.3	99	62.5	8.6
902	Kgw	810	Dec. 4, 1974	--	--	4	1	550	--	550	580	123	3.0	8.0	--	1,539	15	2,730	8.3	99	63.7	8.7
903	Kcpa	1,618	Dec. 1, 1948	76	3.6	15	2	351	--	--	225	46	2.0	.0	--	986	46	--	8.5	94	22.5	--

## DALLAS COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)	
HR-33-17-903	Kcpa	1,618	Dec. 6, 1960	--	--	3	1	336	--	559	185	38	1.8	< 0.4	--	840	8	1,460	8.3	98	42.9	8.9	
903	Kcpa	1,618	Dec. 4, 1974	--	--	2	1	330	--	530	219	38	2.4	4.6	--	857	9	1,540	8.5	99	47.5	8.5	
903	Kcpa	1,618	Dec. 15, 1975	--	0.1	3	1	332	--	540	216	40	2.1	< .4	--	860	9	1,562	8.5	98	42.4	8.6	
904	Kgw	828	May 2, 1975	10	--	4	1	480	--	540	471	89	2.0	2.7	--	1,325	15	1,950	8.2	99	55.6	8.5	
906	Kgw	750	Aug. 11, 1942	--	--	3	5	605	--	531	739	95	1.1	2.0	--	1,711	28	--	--	98	49.7	8.1	
18-201	Kctm	2,883	June 18, 1942	24	.0	8	3	381	--	556	253	94	2.6	.5	--	1,039	32	--	--	8.5	96	29.1	8.4
201	Kctm	2,883	Mar. 27, 1952	22	--	6	2	386	--	542	259	95	1.8	.5	1.0	1,039	24	1,650	8.2	97	34.8	8.4	
202	Kgw	860	May 9, 1961	13	--	3	1	588	--	638	504	166	3.4	--	--	1,592	12	2,490	7.8	99	75.1	10.2	
205	Kctm	2,745	June 25, 1942	31	.1	5	2	353	--	562	164	106	3.0	.0	--	940	22	--	--	8.5	97	33.7	8.7
301	Qal	30	May 5, 1970	22	--	159	9	113	1.0	339	219	117	.5	7.0	--	814	435	1,150	7.4	36	2.3	.0	
301	Qal	30	May 13, 1975	19	--	185	12	120	--	307	264	168	.5	12.0	--	931	510	1,390	7.6	34	2.3	.0	
305	Kgw	817	May 12, 1975	13	--	5	1	560	--	620	520	137	3.7	5.5	3.8	1,553	20	2,250	8.2	99	59.8	9.8	
308	Kgw	939	May 8, 1975	14	--	5	1	520	--	570	520	92	2.5	5.0	--	1,439	16	2,050	8.3	99	55.5	9.0	
502	Kgw	853	July 30, 1942	--	--	4	2	833	--	769	628	385	--	.0	--	2,230	16	--	--	99	84.9	12.2	
503	Kgw	859	do	--	--	10	0	814	--	793	665	314	2.8	.0	--	2,196	25	--	--	99	70.9	12.4	
504	Kgw-Kcpa	1,782	Aug. 1, 1948	22	.8	16	2	399	--	--	295	62	1.8	2.7	--	1,073	48	--	--	8.5	95	25.0	--
701	Kgw	1,140	Oct. 5, 1962	--	.3	4	0	442	--	543	360	75	1.8	4.9	--	1,155	10	2,016	8.4	99	60.8	8.7	
801	Kgw	1,210	do	--	--	3	0	435	--	538	374	75	2.0	4.9	--	1,158	8	2,016	8.4	99	69.1	8.6	
802	Kgw	900	May 9, 1956	15	1.2	3	2	582	--	573	612	163	1.8	< .4	--	1,662	16	--	--	8.2	99	63.8	9.0
803	Kctm	3,091	Dec. 4, 1974	--	.5	4	1	345	--	560	170	104	1.9	3.3	--	905	16	1,639	8.3	98	39.9	8.8	
803	Kctm	3,091	July 9, 1976	22	--	4	1	339	--	550	157	102	1.7	< .4	--	897	17	1,440	8.4	98	39.2	8.7	
902	Kgw	1,101	Oct. 1, 1947	19	.4	26	10	515	--	--	563	124	2.0	< .4	--	1,578	106	--	--	8.0	91	21.7	--
19-101	Kctm	3,076	June 7, 1960	4	--	5	1	390	--	500	253	113	1.5	.2	--	1,013	18	1,823	8.2	98	41.6	7.8	
202	Kgw	1,260	Aug. 31, 1941	--	--	4	1	569	--	702	404	182	--	.0	--	1,506	14	--	--	99	65.9	11.2	
202	Kgw	1,260	Apr. 1, 1950	19	.1	10	13	541	--	--	389	195	2.4	< .4	--	1,595	79	--	--	8.2	94	26.5	--
203	Kgw	1,476	May 1, 1950	36	6.5	21	7	741	--	--	824	371	2.6	3.5	--	--	82	--	--	8.5	95	35.7	--
301	Kgw	1,600	July 26, 1971	9	--	3	2	207	--	276	109	78	1.9	1.0	--	546	16	880	7.9	97	22.7	4.2	
302	Kgw	1,400	Oct. 5, 1962	--	.2	5	0	645	--	802	312	310	3.7	3.8	--	1,674	14	3,036	8.2	99	79.4	12.8	
501	Kgw	1,044	June 1, 1965	--	.2	4	1	530	--	616	492	128	2.7	< .4	--	1,460	12	2,656	8.4	99	61.4	9.8	
502	Kgw	1,280	Apr. 1, 1950	21	.1	16	19	535	--	--	399	188	2.4	< .4	--	1,614	118	--	--	8.3	91	21.4	--
601	Kgw	1,471	Oct. 5, 1962	--	--	3	1	676	--	803	348	295	3.3	6.0	--	1,735	14	3,025	8.1	99	86.3	12.9	
701	Kgw	1,130	Oct. 1, 1957	--	.2	4	1	525	--	599	475	115	2.5	3.5	--	1,410	16	2,350	8.1	99	60.8	--	
701	Kgw	1,130	Feb. 13, 1961	--	--	4	1	535	--	573	495	109	1.6	< .4	--	1,427	13	2,485	8.3	99	62.0	9.1	

## DALLAS COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HR-33-19-701	Kgw	1,130	Dec. 1, 1970	--	--	3	2	520	--	580	486	114	2.2	4.5	--	1,417	15	2,480	8.3	99	57.0	9.1
702	Kgw	1,025	Aug. 6, 1942	--	--	9	5	557	--	622	518	125	1.6	30.0	--	1,552	43	--	--	97	36.9	9.3
704	Kgw	1,353	Sept. 13, 1974	--	--	9	1	353	--	416	337	78	2.1	6.0	--	990	27	1,809	8.3	97	29.7	6.2
704	Kgw	1,353	Mar. 9, 1976	--	0.1	4	1	500	--	570	471	113	2.3	< .4	0.1	1,372	12	2,512	8.4	99	57.9	9.0
807	Qal	25	July 21, 1975	26	--	182	12	96	--	437	118	146	.7	28.0	--	823	500	1,260	7.5	29	1.8	.0
808	Qal	25	do	20	--	156	12	45	--	421	57	67	.6	52.0	--	616	439	965	7.4	18	.9	.0
20-101	Kctm	3,840	Apr. 11, 1955	40	--	8	2	565	--	519	356	302	1.6	1.8	--	1,531	28	--	8.3	98	46.3	7.9
102	Kctm	4,084	July 3, 1956	11	--	7	1	532	--	551	190	355	--	--	--	1,366	22	--	8.2	98	49.8	8.5
102	Kctm	4,084	July 26, 1971	11	--	16	3	182	--	222	81	124	1.2	< .4	--	527	51	880	8.5	88	10.9	2.5
103	Kgw	840	Jan. 24, 1967	--	--	3	3	720	--	890	352	378	4.5	1.5	--	1,907	19	3,549	8.2	99	70.3	14.1
303	Kcpa	2,735	July 6, 1971	--	.1	3	--	360	--	509	242	49	.8	--	--	1,196	10	1,350	8.6	--	--	--
303	Kcpa	2,735	May 15, 1975	20	--	12	3	491	--	530	241	307	2.0	< .4	--	1,337	43	2,090	8.3	96	32.8	7.8
401	Kctm	4,110	Nov. 30, 1959	--	.1	6	1	470	--	611	175	278	3.0	< .4	--	1,233	20	2,350	8.1	98	46.8	9.6
401	Kctm	4,110	Sept. 9, 1965	--	--	5	2	500	--	610	198	284	3.3	< .4	--	1,303	21	2,464	8.5	98	47.8	9.5
401	Kctm	4,110	Feb. 1, 1971	--	--	4	2	494	--	626	198	273	2.9	< .4	--	1,282	21	--	8.1	98	50.3	9.8
401	Kctm	4,110	July 26, 1971	23	--	7	2	484	--	620	200	270	3.0	< .4	--	1,294	27	2,020	8.1	98	41.5	9.6
401	Kctm	4,110	Jan. 14, 1975	--	.0	6	1	510	--	610	219	283	3.0	3.5	--	1,325	18	2,480	8.5	98	50.7	9.6
801	Kgw	1,847	July 29, 1941	--	--	3	1	634	--	900	366	199	4.5	--	--	1,650	15	--	--	99	80.9	14.5
802	Kgw	1,850	Apr. 20, 1959	--	--	3	0	656	--	915	380	206	--	--	--	1,694	12	2,640	8.1	99	104.3	14.8
803	Kcpa	2,780	do	12	--	6	2	494	--	576	442	85	--	--	--	1,324	21	--	8.5	98	44.6	8.9
901	Kcpa	2,883	Feb. 1, 1953	30	.3	19	23	819	--	549	1,229	138	4.0	.0	--	2,490	142	--	8.1	93	29.9	--
901	Kcpa	2,883	Apr. 1, 1954	43	--	10	5	857	--	561	1,201	142	3.6	< .4	--	2,537	46	--	--	98	55.2	8.2
901	Kcpa	2,883	May 9, 1963	--	--	12	4	880	--	540	1,310	148	4.0	< .4	--	2,624	45	4,704	8.3	98	56.2	7.9
902	Kgw	1,860	Feb. 1, 1953	23	.3	14	19	883	--	994	406	564	4.0	.0	--	2,435	113	--	8.0	94	36.1	--
902	Kgw	1,860	Apr. 1, 1954	32	--	5	4	922	--	1,013	381	572	4.4	< .4	--	2,418	29	--	--	99	74.5	16.0
902	Kgw	1,860	May 9, 1963	--	--	4	3	930	--	1,050	363	610	4.6	< .4	--	2,430	20	4,704	8.3	99	85.6	16.7
25-104	Kgw	801	Apr. 22, 1975	13	--	1	1	266	--	421	176	16	.9	< .4	--	681	7	1,080	8.7	99	45.0	6.7
201	Kgw	892	July 6, 1942	--	--	8	3	321	--	488	285	21	.4	3.0	--	881	32	--	--	96	24.5	7.3
201	Kgw	892	Dec. 12, 1968	--	--	2	1	301	--	432	250	24	1.0	2.0	--	802	8	1,485	8.5	99	43.4	6.8
201	Kgw	892	July 13, 1971	12	--	8	2	308	--	472	262	21	1.1	.4	--	846	27	1,250	7.8	96	25.2	7.1
201	Kgw	892	Jan. 13, 1975	--	--	3	1	316	--	451	286	26	.9	4.0	--	858	7	1,500	8.3	98	40.3	7.1
202	Kctm	2,568	Dec. 12, 1968	--	--	3	2	296	--	540	96	94	2.1	< .4	--	759	15	1,404	8.3	98	32.4	8.5
202	Kctm	2,568	Jan. 13, 1975	--	--	3	4	305	--	530	103	93	1.7	3.1	--	773	22	1,400	8.2	97	27.1	8.2

## DALLAS COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

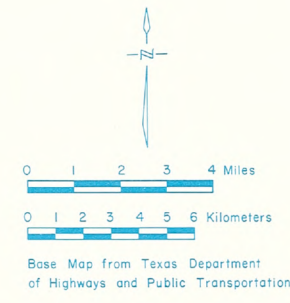
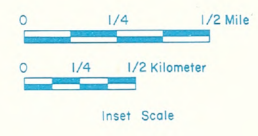
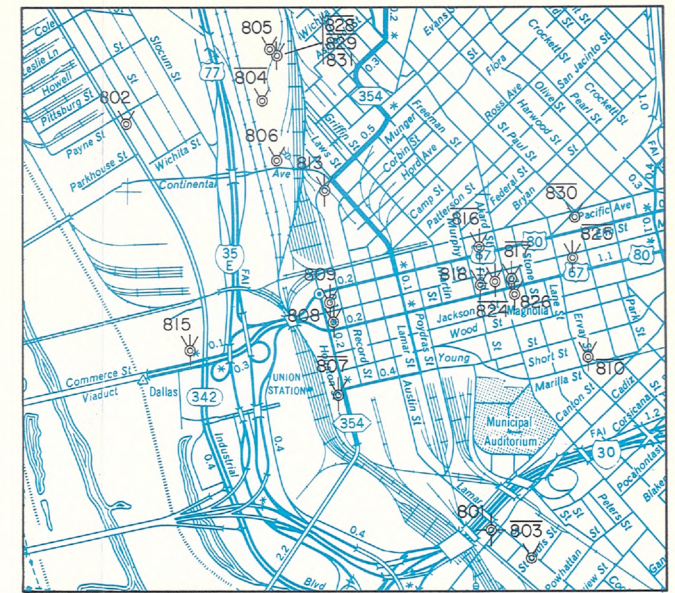
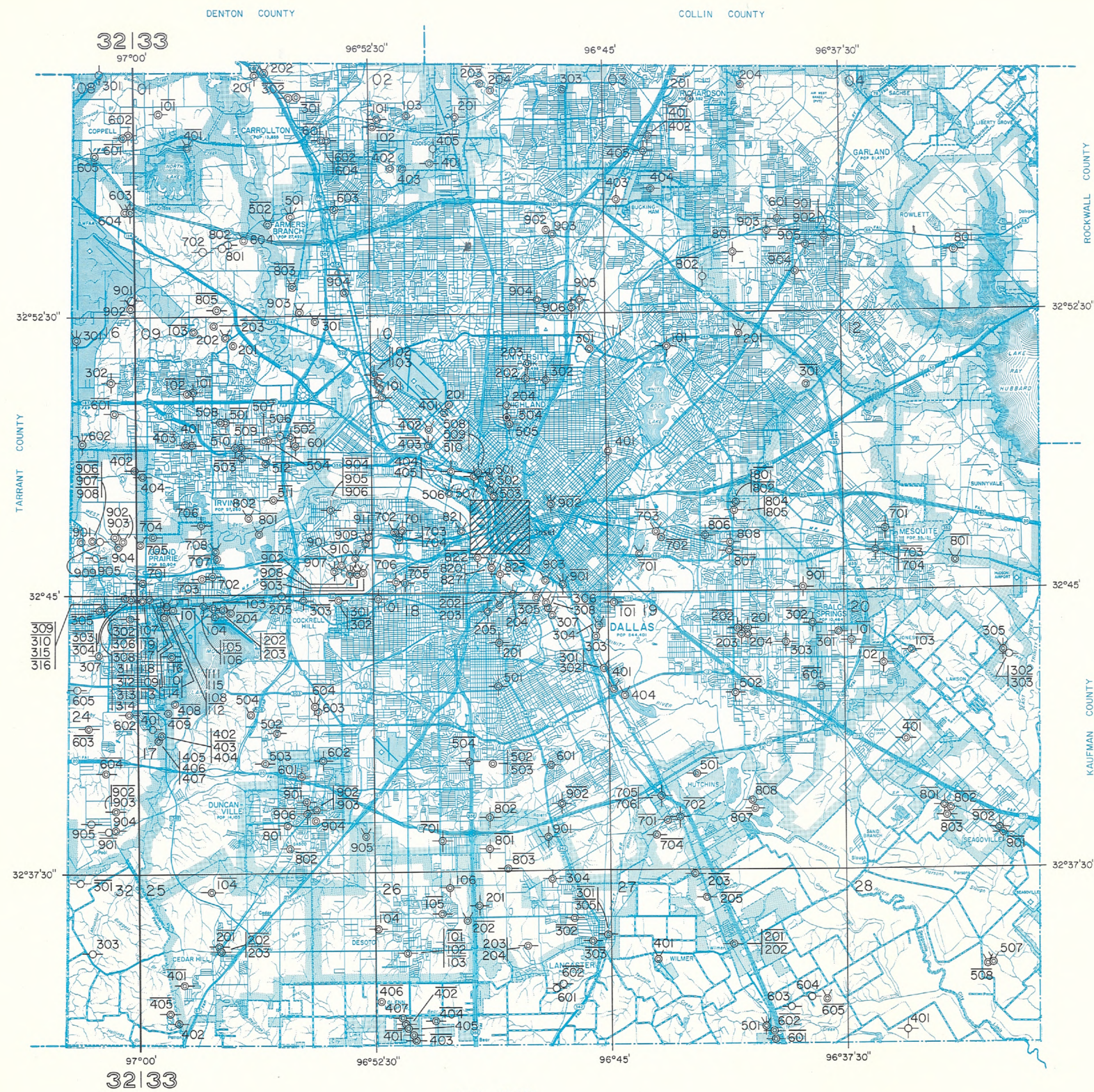
Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HR-33-25-203	Kgw	895	Nov. 1, 1948	14	0.1	10	1	321	--	487	271	32	0.8	2.2	--	865	29	--	8.5	96	25.9	--
203	Kgw	895	Dec. 12, 1968	--	--	2	1	301	--	427	252	23	1.3	2.5	--	805	8	1,467	8.6	99	43.4	6.8
203	Kgw	895	Jan. 13, 1975	--	--	2	1	317	--	442	274	26	.7	4.1	--	842	7	1,480	8.5	99	45.7	7.0
401	Kctm	2,507	July 13, 1971	17	--	3	2	299	--	520	108	85	1.6	< .4	--	771	15	1,200	8.0	98	32.8	8.2
401	Kctm	2,507	Jan. 13, 1975	0	--	4	1	305	--	486	110	92	1.7	2.9	--	755	9	1,400	--	98	35.3	7.6
405	Kcpa	1,560	Apr. 22, 1975	14	--	3	2	381	--	610	260	45	3.7	2.3	--	1,010	17	1,550	8.4	98	41.8	9.6
26-101	Kgw	1,046	Mar. 13, 1974	--	--	9	3	325	--	510	161	101	1.8	1.9	--	853	34	1,606	8.5	95	23.9	7.6
101	Kgw	1,046	Apr. 10, 1975	8	--	6	1	570	--	570	600	128	2.7	< .4	--	1,596	18	2,330	8.4	98	56.7	8.9
102	Kctm	2,867	Feb. 2, 1961	--	--	5	1	312	--	516	98	89	1.1	< .4	--	824	13	1,374	8.4	98	33.3	8.1
102	Kctm	2,867	Oct. 8, 1968	--	--	6	3	330	--	510	206	91	1.7	< .4	--	901	28	1,606	8.3	96	27.4	7.8
102	Kctm	2,867	Mar. 13, 1974	--	--	9	3	325	--	510	159	98	1.7	1.9	--	848	34	1,595	8.6	95	23.9	7.6
102	Kctm	2,867	Apr. 10, 1975	20	--	6	2	330	--	520	180	94	1.7	< .4	--	889	23	1,400	8.2	97	29.8	8.0
103	Kgw	950	Oct. 8, 1968	--	--	4	2	560	--	570	570	133	3.0	< .4	--	1,552	19	2,752	8.4	99	57.1	8.9
104	Kctm	2,783	Apr. 10, 1964	--	2.5	4	1	311	--	515	99	80	--	--	--	750	12	1,365	8.5	98	36.0	8.1
104	Kctm	2,783	June 9, 1964	--	.1	3	1	302	--	515	106	76	--	--	--	741	10	1,330	8.4	98	38.5	8.2
104	Kctm	2,783	Dec. 7, 1969	--	--	3	2	294	--	510	113	79	1.7	< .4	--	748	14	1,350	8.6	98	32.2	8.0
104	Kctm	2,783	Mar. 13, 1974	--	--	8	3	325	--	510	161	96	1.8	2.9	--	848	35	1,573	8.5	96	24.8	7.7
105	Kctm	2,824	do	--	--	9	3	317	--	510	161	99	1.8	2.3	--	843	34	1,584	8.5	95	23.3	7.6
202	Kgw	1,040	Apr. 15, 1975	11	--	3	1	477	--	510	468	107	2.0	< .4	--	1,320	13	1,930	8.6	99	60.9	8.1
301	Kctm	3,230	Sept. 1, 1953	20	.1	13	3	449	--	543	179	277	1.6	.0	--	1,262	45	--	8.3	96	29.1	--
301	Kctm	3,230	Dec. 6, 1960	--	--	5	2	425	--	544	238	168	1.6	2.0	--	1,109	19	--	--	98	40.6	8.5
301	Kctm	3,230	Dec. 4, 1974	--	.0	6	1	405	--	560	213	178	1.3	3.6	--	1,083	19	1,985	8.3	98	40.3	8.7
302	Kctm	3,249	Dec. 6, 1960	--	--	4	2	420	--	566	181	168	1.8	< .4	--	1,055	18	2,000	8.1	98	42.8	8.9
302	Kctm	3,249	Dec. 4, 1974	--	.8	14	3	510	--	520	332	277	2.2	2.5	--	1,397	50	2,574	8.5	96	32.2	7.5
303	Kgw	1,200	Sept. 1, 1953	14	.2	9	2	483	--	555	467	99	1.6	.0	--	1,380	31	--	8.3	97	37.9	--
303	Kgw	1,200	Dec. 6, 1960	--	--	3	1	465	--	554	391	90	1.8	1.0	--	1,225	10	2,250	8.2	99	59.4	8.8
303	Kgw	1,200	Dec. 4, 1974	--	.3	3	1	481	--	540	468	102	2.0	6.0	--	1,328	10	2,352	8.3	99	61.4	8.6
303	Kgw	1,200	July 9, 1976	12	.1	5	1	471	--	550	463	98	1.8	< .4	--	1,322	18	1,990	8.2	98	50.3	8.6
305	Kgw	1,057	May 31, 1938	18	.1	11	10	487	--	667	476	121	1.2	3.5	--	1,455	68	--	8.2	94	25.5	9.5
305	Kgw	1,057	Aug. 7, 1942	--	--	10	2	520	--	567	480	134	1.6	5.0	--	1,430	31	--	--	97	39.2	8.6
305	Kgw	1,057	Sept. 1, 1953	16	.2	7	3	497	--	600	484	114	1.4	< .4	--	1,418	30	--	8.3	97	39.6	9.2
305	Kgw	1,057	Nov. 9, 1971	12	--	3	3	460	--	540	449	72	2.0	< .4	--	1,266	18	1,900	8.5	98	44.9	8.4
401	Kgw	946	July 12, 1971	13	--	3	1	399	--	550	327	63	1.5	< .4	--	1,078	15	1,600	7.8	99	50.9	8.7

## DALLAS COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HR-33-26-402	Kgw	958	July 12, 1971	12	--	3	2	448	--	520	410	97	1.7	1.0	--	1,230	17	1,830	7.5	98	49.1	8.2
402	Kgw	958	July 9, 1976	13	1.5	3	1	435	--	520	380	100	1.4	5.0	--	1,195	11	1,900	8.2	99	55.5	8.2
403	Kgw	1,089	Apr. 14, 1975	10	--	2	1	384	--	540	278	92	1.6	1.6	--	1,035	10	1,590	8.4	99	55.3	8.6
404	Kctm	2,940	Dec. 8, 1973	--	.3	2	1	322	--	524	108	95	2.0	.0	--	787	11	1,600	8.4	99	46.4	8.4
404	Kctm	2,940	Apr. 14, 1975	19	--	4	1	319	--	560	120	97	1.8	.9	--	838	15	1,340	8.2	98	36.9	8.8
406	Kgw	1,050	Apr. 10, 1975	13	--	4	1	540	--	690	448	99	3.7	3.3	--	1,451	14	2,120	8.0	99	62.5	11.0
602	Kgw	1,121	Sept. 28, 1976	14	--	3	1	540	--	630	500	94	2.7	5.0	--	1,469	12	2,170	8.5	99	68.9	10.0
27-201	Kcpa	2,198	Aug. 10, 1949	55	2.4	34	7	1,047	--	488	1,711	149	2.6	.0	--	3,188	114	--	7.8	95	42.7	--
201	Kcpa	2,198	Nov. 1, 1957	--	.8	18	7	1,050	--	539	1,650	147	3.6	< .4	--	3,168	75	5,280	8.1	97	53.2	--
201	Kcpa	2,198	Feb. 5, 1962	--	.1	6	1	495	--	604	173	280	3.0	< .4	--	1,267	19	2,500	8.4	98	49.2	9.5
202	Kctm	3,669	Feb. 15, 1961	--	--	5	2	520	--	628	302	285	3.0	< .4	--	1,426	20	2,385	8.1	98	49.7	9.8
202	Kctm	3,669	Apr. 16, 1975	22	--	5	2	493	--	640	174	280	3.4	< .4	--	1,294	19	2,010	8.1	98	47.1	10.0
203	Kgw	1,276	do	13	--	3	1	550	--	680	445	149	3.5	4.7	--	1,503	14	2,210	8.3	99	70.2	10.9
205	Kctm	3,448	Sept. 31, 1964	--	.5	9	1	520	--	520	188	364	3.1	< .4	--	1,341	29	2,640	8.6	98	43.8	7.9
601	Kgw	1,408	Sept. 1, 1942	--	--	2	2	539	--	756	351	130	2.9	7.0	--	1,405	11	--	--	99	64.5	12.1
601	Kgw	1,408	Jan. 27, 1943	11	.1	3	2	519	6.6	750	337	126	3.0	.0	--	1,376	14	--	8.4	98	56.9	11.9
601	Kgw	1,408	June 28, 1960	--	--	5	1	510	--	737	340	153	3.0	< .4	--	1,374	13	2,640	8.4	99	54.4	11.7
602	Kgw	1,390	Mar. 13, 1975	12	--	4	2	560	--	760	340	177	4.0	< .4	--	1,473	16	2,230	8.3	99	57.1	12.0
602	Kgw	1,390	June 9, 1975	15	--	4	1	570	--	510	570	176	3.9	< .4	--	1,591	12	2,310	6.9	99	66.0	8.0
605	Kgw	1,645	Dec. 15, 1969	--	.2	3	2	574	--	720	285	213	3.1	6.0	--	1,440	14	2,000	8.4	99	63.0	11.4
605	Kgw	1,645	Apr. 15, 1975	14	.2	5	1	600	--	790	363	214	4.0	< .4	4.2	1,594	17	2,350	8.3	99	64.0	12.6
28-508	Qa1	22	July 22, 1975	8	--	74	3	108	--	395	69	30	.2	< .4	--	486	200	770	7.9	54	3.3	2.5





EXPLANATION

- ⊕ Public supply well
- ⊕ Industrial well
- ⊕ Irrigation well
- ⊕ Domestic or livestock well
- ⊕ Oil or gas well
- ⊕ Test hole
- ⊕ Unused or abandoned well
- Solid circle indicates flowing well
- 201 Line above well number indicates chemical analysis given in Table 4

Location of Selected Water, Oil, and Gas Wells in Dallas County



DELTA COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.  
 Water level : Reported water levels given in feet, measured water levels given to the nearest tenth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; E, electric; G, gasoline, butane or diesel engine; H, Hand; J, Jet; N, none;  
 S, submersible; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic, ind, industrial, irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Kcpa, Paluxy Formation; Kgna, Nacatoch Sand.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HU-17-34-301	Ben Franklin Water Supply Corporation	J. L. Myers Sons	1964	3,333	7	3,333	Kcpa	540	127.0	May 19, 1971 Nov. 8, 1974	S, E 10	P	Cemented. Gum perforated from 3,118-3,151 ft. Pump set at 250 ft. Pumping level 161.10 ft on Nov. 19, 1975. <u>2</u> <u>3</u>
" 601	West Delta Water Supply	do	1974	3,428	12 7 3	40 3,420 3,411	Kcpa	535	230 190.0	June 18, 1974 Jan. 7, 1975	S, E 20	P	Cemented to bottom. Gum perforated from 3,333-3,342; 3,345-3,372, and 3,380-3,414 ft. Screened from 3,349-3,411 ft. Gravel packed. Pump set at 504 ft. Pumping level 480 ft at 105 gal/min on June 18, 1974 and 320 ft at 127 gal/min on Jan. 7, 1975. <u>1</u> <u>2</u>
35-601	Enloe and Lake Creek Water Supply Corp.	West Texas Tool and Service Co.	1965	3,456	7	3,456	Kcpa	472	150	Jan. 25, 1965	N	N	Perforated from 3,210-3,270 ft. Salt water and oil contaminated. Plugged.
* 42-706	City of Commerce	Layne-Texas Co.	1970	560	14 9	394 580	Kgna	510	332	Sept. 8, 1970	T, E 35	P	Screened from 400-440 and 450-490 ft. Measured yield 125 gal/min. Temp. 77°F. <u>1</u> <u>2</u>
* 806	do	do	1965	540	14 9	417 540	Kgna	485	159	Oct. 14, 1965	T, E 40	P	Screened from 422-462 and 485-525 ft. Pump set at 470 ft. Measured yield 150 gal/min. Pumping level 351 ft at 200 gal/min when drilled. <u>1</u> <u>2</u>
* 807	do	do	1965	635	14 9	497 635	Kgna	480	148	Nov. 15, 1965	T, E 50	P	Screened from 507-555 and 575-620 ft. Pump set at 560 ft. Measured yield 200 gal/min. Pumping level 359 ft at 258 gal/min when drilled. <u>1</u> <u>2</u>
808	do	do	1965	540	14 9	417 540	Kgna	475	148	Dec. 8, 1965	T, E 50	P	Screened from 425-465 and 482-525 ft. Pump set at 470 ft. Measured yield 145 gal/min. Pumping level 345 ft at 200 gal/min when drilled. <u>1</u> <u>2</u>
809	do	do	1965	709	--	--	Kgna	475	--	--	N	N	Test hole. <u>1</u>

\* For chemical analyses of water, see Table 4.  
1 Drillers' log in files of the Texas Department of Water Resources.  
2 Geophysical logs in files of the Texas Department of Water Resources.  
3 For water-level measurements, see Table 3.

# DELTA COUNTY

**Table 3.—Water Levels in Selected Wells**

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HU-17-34-301</b>		<b>Well HU-17-34-301—Continued</b>		<b>Well HU-17-34-301—Continued</b>	
Owner: Ben Franklin Water Supply Corporation		Nov. 13, 1972	130.3	Nov. 23, 1976	144.9
May 19, 1971	127.0	Nov. 8, 1974	137.7	Nov. 22, 1977	147.0
Nov. 10, 1971	129.9	Nov. 19, 1975	161.1		



DELTA COUNTY

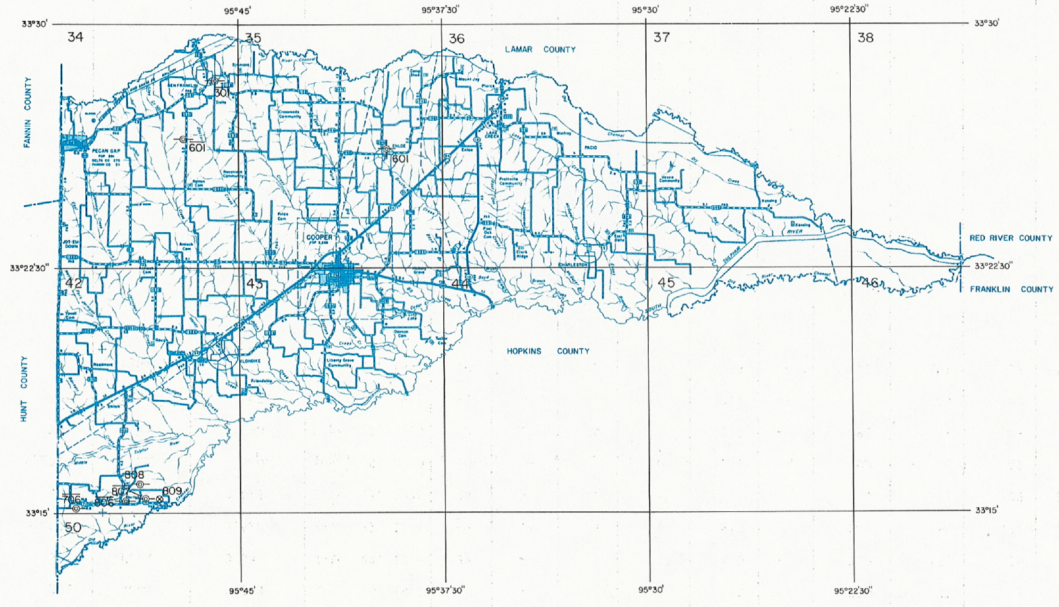
Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kcpa, Paluxy Formation; Kgna, Nacatoch Sand.

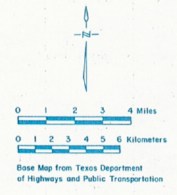
Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids. Analyses by Texas Department of Health.

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HU-17-34-301	Kcpa	3,333	May 11, 1965	--	0.4	3	2	411	--	710	159	89	3.3	< 0.4	--	1,017	14	1,880	8.3	98	45.1	11.3
301	Kcpa	3,333	May 19, 1971	20	--	3	2	386	--	710	177	72	3.5	< .4	--	1,013	16	1,540	8.4	98	42.3	11.3
301	Kcpa	3,333	July 22, 1976	22	--	5	1	400	--	710	152	76	3.2	< .4	--	1,008	13	1,600	8.4	98	42.7	11.3
601	Kcpa	3,428	May 27, 1974	--	.4	3	2	413	--	649	164	122	2.5	.0	--	1,026	16	1,700	8.1	98	45.3	10.3
601	Kcpa	3,428	July 22, 1976	24	--	7	1	427	--	700	176	128	3.3	< .4	--	1,110	20	1,740	8.2	98	39.9	11.0
42-706	Kgna	580	Aug. 5, 1970	10	--	1	0	232	--	400	40	47	.0	.0	--	526	2	958	9.1	99	63.9	6.5
706	Kgna	580	Sept. 4, 1975	12	.1	4	1	224	--	488	31	43	.8	< .4	0.9	557	11	883	8.1	97	25.9	7.7
806	Kgna	540	Oct. 16, 1967	11	--	2	0	271	--	432	109	60	.0	.0	--	665	4	1,140	9.0	99	52.7	6.9
807	Kgna	635	Nov. 17, 1965	10	--	1	1	275	--	417	101	57	1.0	1.2	--	652	4	1,130	8.8	99	46.5	6.7



- EXPLANATION
- Public supply well
  - Industrial well
  - Irrigation well
  - Domestic or livestock well
  - Oil or gas well
  - Test hole
  - Unused or abandoned well
  - Solid circle indicates flowing well
- Line above well number indicates chemical analysis given in Table 4

Note: This county is within 1° quadrangle number 17.



Location of Selected Water, Oil, and Gas Wells in Delta County

DENION COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.  
 Water level : Reported water levels given in feet; measured water levels given to the nearest tenth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; E, electric; G, gasoline, butane or diesel engine; H, Hand; J, Jet; N, none; S, submersible; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic, Ind, industrial, Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Kca, Antlers Formation; Kapa, Paluxy Formation; Kct, Trinity Group; Kctm, Twin Mountains Formation; Kgw, Woodbine Group.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HW-18-33-702	City of Pilot Point	--	--	862	--	--	Kca	700	--	--	T, E 15	P	Well drilled prior to 1942.
* 703	do	J. L. Myers Sons	1950	1,514	8 7 5	800 1,361 1,514	Kca	714	177.3	May 26, 1960	T, E 15	P	Perforated from 1,372-1,514 ft. Yield 167 gal/min on May 10, 1957. <u>1</u> <u>2</u>
* 704	do	Q. D. Lewis	1923	831	12 10 8 6	227 414 775 831	Kca	714	160	1923	N	N	Perforated from 775-830 ft. Reported yield 80 gal/min. Plugged.
705	Thomas O'Dwyer	Westbrook Drilling Co.	1971	206	7	206	Kgw	700	65.2	Aug. 2, 1977	S, E	S	Slotted from 88-110 and 170-200 ft. Gravel packed. <u>1</u>
* 801	City of Pilot Point	J. L. Myers Sons	1965	1,565	12 9 6	1,280 1,374 1,489	Kca	705	225 241.7 285.7	May 4, 1967 Nov. 11, 1971 Nov. 7, 1975	T, E 50	P	Cemented to 1,374 ft. Screened from 1,375-1,484 ft. Underreamed. Gravel packed. Pump set at 450 ft. Drawdown 70 ft pumping 235 gal/min on May 4, 1967. Pumping level 358 ft on June 10, 1966. Temp. 83°F. <u>1</u> <u>3</u>
* 802	J. R. David	Mr. Ray	1943	298	6 3	168 298	Kgw	703	--	--	S, E 3/4	D	--
* 803	Joe Strittmatter	--	1947	130	5 4	50 130	Kgw	663	60.2	Mar. 23, 1971	J, E	D, S	Perforated from 90-130 ft.
* 804	David Strittmatter	Katy Drilling Co.	1969	400	12	250	Kgw	650	98 76.1	Aug. 7, 1969 Mar. 9, 1976	T, C 120	Irr	Screened 150 ft. Gravel packed. Drawdown 82 ft pumping 669 gal/min on Aug. 7, 1969. <u>1</u>
* 805	Mrs. Hard	Madewell Drilling Co.	1970	270	--	--	Kgw	633	80	1970	S, E 3/4	D	Cemented to 214 ft. Gravel packed. <u>1</u>
806	Raymond Martin	do	1969	316	4	305	Kgw	627	--	--	S, E	D	Cemented to 305 ft. Gun perforated from 200-202; 239-246, 258-262, and 273-275 ft. <u>1</u>
* 807	City of Pilot Point	J. L. Myers Sons	1973	1,559	10 5	1,404 1,559	Kca	685	237	Apr. 17, 1973	T, E 40	P	Cemented to 1,404 ft. Screened from 1,404-1,458; 1,472-1,480, 1,502-1,512; 1,524-1,532, and 1,538-1,548 ft. Underreamed. Gravel packed. Pump set at 400 ft. Drawdown 55 ft at 250 gal/min when drilled. <u>1</u> <u>2</u>
* 808	Pilot Point Independent School District	Strittmatter Irrigation	1972	300	8	300	Kgw	700	90 79.8	Oct. 1, 1972 Jan. 20, 1976	S, E 7 1/2	Irr	Mill slotted from 100-300 ft. Gravel packed. Pump set at 210 ft. Measured yield 62 gal/min on Aug. 12, 1976. Temp. 68°F. <u>1</u>
* 809	Joe Strittmatter	do	1972	280	16	264	Kgw	660	95	Aug. 15, 1972	T, G 120	Irr	Mill slotted from 164-264 ft. Gravel packed. Pump set at 220 ft. Measured yield 590 gal/min on Aug. 5, 1976 pumping direct through sprinklers. Drawdown 125 ft pumping 900 gal/min when drilled. Temp. 69°F. <u>1</u>
810	do	do	1975	240	5 2	200 240	Kgw	668	98 101.1	Feb. 1, 1975 May 12, 1978	S, E 1	D	Slotted from 226-323 ft. Cemented to 200 ft. Gravel packed. <u>1</u>

See footnotes at end of table.

## DENTON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HW-18-33-811	A. Marmon	Marshall Drilling Co.	1975	50	5	50	Kgw	690	11.7	May 12, 1978	J, E 1	Irr	Slotted from 20-50 ft. Gravel packed. For yard use. <u>1</u>
* 902	P. A. Strickland	--	1967	180	6	--	Kgw	636	--	--	J, E	D	--
* 903	do	Madewell Drilling Co.	1971	285	5	260	Kgw	636	85	Mar. 23, 1971	S, E	D	Cemented to 260 ft. Open end completion. Gravel packed.
* 904	L. L. Blackwelder	-- Ray	1957	204	6	104	Kgw	690	55	Mar. 22, 1971	C, E	D	Open hole completion.
41-101	L. P. Enlow	J. L. Myers Sons	1962	949	4 3	870 949	Kcpa	690	235	Sept. 10, 1962	S, E 1/2	D	Cemented to 949 ft. Gun perforated from 900-910 and 942-948 ft. Pump set at 310 ft.
102	Thomas O'Dwyer	Strittmatter Irrigation	1972	255	16	255	Kgw	680	90	July 20, 1972	T, E 40	Irr	Mill slotted from 135-255 ft. Gravel packed. Pump set at 210 ft. Reported yield 450 gal/min. <u>1</u>
* 201	Dave Strittmatter	Hi-Plains Drilling, Inc.	1970	210	12	210	Kgw	625	58.8 70.2	Sept. 29, 1970 Sept. 15, 1976	T, G 90	Irr	Mill slotted from 139-210 ft. Gravel packed. Measured yield 225 gal/min on Aug. 5, 1976. Temp. 70°F. <u>1</u> <u>3</u>
* 202	Ed Harris	--	--	20	36	--	Kgw	622	7.2	Mar. 23, 1971	J, E	D	Dug well.
* 203	Julius Michna	G. L. Ray	1941	125	6	63	Kgw	610	70	July 1970	J, E 1	D, S	Open hole completion.
* 204	Mustang Water Supply Corporation	J. L. Myers Sons	1966	1,609	7 3 2	1,425 1,540 1,608	Kctm	636	150.0 239.0 242.0	Nov. 16, 1966 Mar. 9, 1976 Jan. 28, 1977	S, E 15	P	Cemented to 1,425 ft. Screened from 1,425-1,456 and 1,487-1,518 ft. Gravel packed. Pump set at 437 ft. Measured yield 132 gal/min on June 1, 1975. Drawdown 80 ft pumping 175 gal/min when drilled. <u>1</u> <u>3</u>
* 205	Ken Nichols	Strittmatter Irrigation	1972	288	8	288	Kgw	640	90	Sept. 15, 1972	T, G 50	Irr	Mill slotted from 128-288 ft. Gravel packed. Pump set at 260 ft. Measured yield through sprinklers 77 gal/min on Aug. 4, 1976. Temp. 70°F. <u>1</u>
* 301	J. Boerner	G. L. Ray	1951	102	4	102	Kgw	628	--	--	J, E	D	--
* 302	R. Faught	do	1942	300	6	300	Kgw	618	60	Mar. 23, 1971	J, E	D	--
* 401	City of Aubrey	--	1938	808	6 4	-- 808	Kcpa	681	--	--	N	N	Reported yield 50 gal/min. Plugged.
* 402	do	J. L. Myers Sons	1959	915	7 4	852 915	Kcpa	681	190 208	Dec. 1959 Jan. 18, 1962	T, E 15	N	Cemented to 852 ft. Screened from 854-864 and 882-913 ft. Pump set at 450 ft. Reported yield 75 gal/min. Drawdown 190 ft pumping 75 gal/min on Jan. 18, 1962. Pumping level 365 ft on Apr. 29, 1960. <u>1</u> <u>2</u>
* 403	do	do	1947	855	6 5	790 855	Kcpa	686	--	--	T, E 1/2	P	Cemented to 790 ft. Perforated from 790-845 ft. Measured yield 50 gal/min. Temp. 76°F. <u>1</u>
* 404	do	do	1967	1,548	7 3	1,410 1,449	Kctm	681	246 288.0	Apr. 22, 1967 Jan. 28, 1977	T, E 20	P	Cemented to 1,410 ft. Screened from 1,410-1,440 ft. Underreamed. Gravel packed. Pump set at 400 ft. Reported yield 100 gal/min in 1967. Pumping level 340 ft at 142 gal/min when drilled. <u>1</u> <u>2</u>
* 501	Bobby Stout	Westbrook Drilling Co.	1972	291	12	291	Kgw	645	23	July 22, 1972	S, E 20	Irr	Slotted. Gravel packed. Pump set at 260 ft. Measured yield 125 gal/min on Aug. 6, 1976 and 185 gal/min on Aug. 13, 1976. <u>1</u>
502	Al Salmon	Strittmatter Irrigation	1972	265	8	265	Kgw	625	90	Aug. 17, 1972	S, E 7 1/2	Irr	Mill slotted from 145-265 ft. Gravel packed. <u>1</u>

See footnotes at end of table.

## DENTON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
HW-18-41-604	Jeff Pedigo	Westbrook Drilling Co.	1971	481	14	330	Kgw	605	70 96.2	Jan. 21, 1971 Aug. 3, 1976	N	N	Slotted from 130-330 ft. Gravel packed. Drawdown 230 ft pumping 570 gal/min when drilled. <u>1</u>
* 701	Black Rock Water Supply Corporation	J. L. Myers Sons	1969	1,520	7 3	1,396 1,520	Kctm	700	250	Feb. 1969	S, E 15	P	Cemented to 1,396 ft. Screened 42 ft. Reported yield 125 gal/min. Drawdown 105 ft pumping 80 gal/min when drilled. <u>2</u>
* 702	Mustang Water Supply Corporation	do	1966	1,534	7 3	1,410 1,499	Kctm	675	200 294.0 297.0	Dec. 15, 1966 June 1, 1975 Jan. 28, 1977	S, E 15	P	Cemented to 1,410 ft. Screened from 1,410-1,431 and 1,446-1,478 ft. Gravel packed. Pump set at 469 ft. Drawdown 140 ft pumping 140 gal/min when drilled and 55 ft at 78 gal/min on June 1, 1975. Temp. 90°F. <u>1</u>
* 703	L. H. Kruger	Day Drilling Co.	1964	906	4	960	Kopa	685	296.1	Mar. 9, 1976	S, E 5	P	Perforated and screened from 793-809 and 850-864 ft. Gravel packed. <u>1</u>
* 704	do	Madewell Drilling Co.	1969	1,500	--	--	Kctm	692	--	--	S, E 20	P	<u>2</u>
705	Bailey Redfern	do	1974	938	4	910	Kopa	618	325	May 12, 1978	S, E 1 1/2	D	Cemented to 910 ft. Gravel packed. Pump set at 400 ft. <u>1</u>
* 49-101	E. W. Justin	J. L. Myers Sons	1964	915	4 2	889 915	Kopa	590	190.8 273.6	Oct. 6, 1970 Nov. 2, 1976	S, E 2	D	Screened from 888-909 ft. <u>1</u> <u>3</u>
* 102	Lincoln Park	D. L. Myers	1969	1,542	5	1,542	Kctm	590	270.5 253.0	Oct. 6, 1970 Nov. 2, 1976	S, E 5	P	Cemented to 1,542 ft. Gun perforated from 1,490-1,502 ft. Pump set at 420 ft. Reported yield 20 gal/min. <u>2</u> <u>3</u>
104	Ben Atkisson, Jr.	J. L. Myers Sons	1975	305	5 2	268 283	Kgw	584	140 146.8	May 10, 1975 May 12, 1978	S, E 1 1/2	D	Cemented to 268 ft. Screened from 268-283 ft. Gravel packed. Pump set at 236 ft. <u>1</u>
301	Michael Glitsch	Dierks Well Drilling	1974	420	16 12 10	154 309 420	Kgw	600	104	June 16, 1974	T, E	Irr	Perforated from 104-181; 220-309; and 300-420 ft. Drawdown 30 ft pumping 450 gal/min when drilled. <u>1</u>
* 401	Urban Services	J. L. Myers Sons	1961	940	7 4	820 940	Kopa	585	170	Apr. 14, 1961	T, E 20	P	Cemented to 820 ft. Screened from 820-920 ft. Gravel packed. <u>1</u> <u>2</u>
402	V. H. Hooker	Madewell Drilling Co.	1975	180	4	156	Kgw	565	90	Oct. 15, 1975	S, E 3/4	D	Cemented to bottom. Gun perforated from 110-114; 126-130; 134-136; and 144-148 ft. <u>1</u> <u>2</u>
501	City of Little Elm	J. L. Myers Sons	1967	396	7 3	325 387	Kgw	540	145	Sept. 1967	S, E 5	P	Cemented to 325 ft. Screened from 325-356 ft. Gravel packed. Pump set at 282 ft. Reported yield 50 gal/min. <u>1</u> <u>2</u>
502	K. C. Renshaw	Marshall Drilling Co.	1972	331	5	331	Kgw	540	70	May 7, 1972	S, E	D	Cemented to 262 ft. Slotted from 262-331 ft. Gravel packed. Drawdown 90 ft at 15 gal/min when drilled. <u>1</u> <u>2</u>
503	Carl Rodgers	Geyer Drilling Co.	1972	230	4	230	Kgw	540	100	June 18, 1972	S, E 1	D	Cemented to 230 ft. Gun perforated from 179-183 and 189-193 ft. Pump set at 168 ft. Drawdown 30 ft at 11 gal/min when drilled. Encountered iron water at 130 ft. <u>1</u> <u>2</u>
* 504	Jim Daly	Jacks Water Well Service	1963	368	4	368	Kgw	551	70	Aug. 5, 1977	S, E 5	P	Slotted. Reported yield 30 gal/min.
* 505	do	Madewell Drilling Co.	1970	285	4	285	Kgw	575	80	May 29, 1970	S, E 3	P	Perforated. Reported yield 28 gal/min. <u>1</u>
* 602	Triangle Bottle Shop	D. L. Myers	1970	570	5	570	Kgw	563	150	Nov. 20, 1970	S, E 1 1/2	P	Cemented to bottom. Gun perforated at 5 intervals between 421-524 ft. Pump set at 380 ft. <u>1</u> <u>2</u>

See footnotes at end of table.

## DENTON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Casing		Water bearing unit	Altitude of land surface (ft.)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft.)			Below land-surface datum (ft.)	Date of measurement			
*HW-18-49-701	City of Little Elm	C. L. Willis	1958	364	6	364	Kgw	560	80	Dec. 19, 1958	S, E	P	Cemented to 330 ft. Perforated from 330-355 ft. Pump set at 210 ft. <u>1</u>
702	do	Stoner Drilling Co.	1968	367	7	367	Kgw	565	91.0	Jan. 22, 1976	S, E	P	Cemented to 305 ft. Perforated from 305-335 ft. <u>1</u>
* 703	Lakewood Village	Boyd Drilling Co.	1969	372	--	--	Kgw	575	--	--	--	P	--
* 704	do	do	1972	365	5	316	Kgw	565	93.2	Jan. 22, 1976	S, E	P	Cemented to 316 ft. Open hole and gravel packed from 316-365 ft. Pump set at 275 ft. Reported yield 28 gal/min in 1975. Drawdown 25 ft at 20 gal/min when drilled. <u>1</u>
* 705	Community Water Services	J. L. Myers Sons	1966	1,022	7 3	972 1,022	Kcpa	555	211.0	Oct. 13, 1976	S, E 7 1/2	P	Cemented to 972 ft. Screened from 972-1,012 ft. Underreamed. Gravel packed. Pump set at 410 ft. Temp. 75°F. <u>1</u>
706	Fox Hollow Farms	do	1961	942	5 3	881 942	Kcpa	582	170	Sept. 26, 1961	S, E 5	P	Cemented to 881 ft. Screened from 878-911 and 916-926 ft. Mill slotted from 911-916 and 926-942 ft. Gravel packed. <u>1</u>
* 801	H. L. Latham	Madewell Drilling Co.	1970	420	4	420	Kgw	540	137.4 152.5	Oct. 6, 1970 Nov. 2, 1976	S, E 1 1/2	D	Pump set at 340 ft. <u>3</u>
802	City of Little Elm	H. W. Pockrus	1960	317	4	--	Kgw	545	--	--	S, E 1 1/2	P	Reported yield 60 gal/min in 1975.
803	do	J. L. Myers Sons	1963	348	4 2	308 348	Kgw	540	70	Nov. 30, 1963 Jan. 22, 1976	S, E 1 1/2	P	Screened from 310-345 ft. Gravel packed. Pump set at 145 ft. Reported yield 25 gal/min. <u>1</u>
804	Little Elm School	Pierce Pump Co.	1965	354	4 1	310 354	Kgw	547	85	Oct. 15, 1967	S, E 3	P	Cemented to 310 ft. Screened from 311-341 ft. Gravel packed. Pump set at 190 ft. Reported yield 20 gal/min. Drawdown 12 ft pumping 75 gal/min when drilled. <u>1</u>
805	Little Elm Cemetery	Boyd Drilling Co.	1975	150	4	150	Kgw	545	80 50.5	May 15, 1975 Jan. 22, 1976	S, E	D, Irr	Cemented to 135 ft. Completed from 135-150 ft. Gravel packed. Pump set at 120 ft. Drawdown 10 ft pumping 15 gal/min when drilled. <u>1</u>
806	Urban Services	J. L. Myers Sons	1969	443	7 3	390 443	Kgw	545	90 105.0	June 20, 1969 Jan. 28, 1977	S, E 5	P	Cemented to 390 ft. Screened from 390-421 ft. Pump set at 260 ft. Reported yield 40 gal/min. <u>1</u> <u>2</u>
* 807	U. S. Army Corps of Engineers	Watts Drilling Co.	1966	402	4 2	368 402	Kgw	532	68	Dec. 1966	S, E 2	P	Cemented to 368 ft. Screened from 382-402 ft. Pump set at 100 ft. Reported yield 15 gal/min. <u>1</u>
* 808	do	--	1968	200	4	--	Kgw	538	--	--	S, E 1	P	--
* 901	Billie Joe Bryson	Boyd Drilling Service	1968	275	7 --	42 --	Kgw	585	136.4 111.6	Oct. 6, 1970 Nov. 14, 1974	S, E 1	D	Cemented to 42 ft. Gravel packed. Pump set at 225 ft. <u>1</u>
902	B. F. Phillips	J. L. Myers Co.	1976	1,340	7 3	1,280 1,337	Kcpa	585	--	--	S, E 5	D	Cemented to 1,280 ft. Screened from 1,280-1,301 and 1,306-1,321 ft. Underreamed. Gravel packed. <u>1</u> <u>2</u>
* 903	James Nix	Strittmatter Irrigation	1976	380	4	380	Kgw	535	120	May 19, 1976	S, E 1	D	Cemented to 25 ft. Slotted from 310-380 ft. Gravel packed. Pump set at 260 ft. Drawdown 10 ft pumping 15 gal/min. <u>1</u>
* 904	John Watkins	Boyd Drilling Service	1971	380	4	360	Kgw	535	160	Oct. 14, 1971	S, E	D	Cemented to 360 ft. Pump set at 260 ft. <u>1</u>
* 905	Sam Kirschner	do	1966	227	4	227	Kgw	550	--	--	S, E	D	--

See footnotes at end of table.

## DENTON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
MW-18-50-101	Mahard Egg Farm	J. L. Myers Sons	1962	418	5 2	402 418	Kgw	580	150	Jan. 4, 1962	S, E 3/4	Ind	Cemented to 402 ft. Screened from 401-411 ft. Gravel packed. Pump set at 252 ft. <u>1</u>
102	do	do	1964	546	7 3	530 546	Kgw	582	--	--	S, E 2	Ind	Cemented to 530 ft. Screened from 529-544 ft. Gravel packed. Pump set at 409 ft. Pumping level 283 ft when drilled. <u>1</u>
103	do	do	1968	637	7 5	26 637	Kgw	588	200	Nov. 30, 1968	S, E 1 1/2	Ind	Cemented to 637 ft. Gun perforated from 548-556 and 598-612 ft. Pump set at 320 ft. Drawdown 30 ft pumping 10 gal/min when drilled. <u>1</u>
104	do	do	1971	592	8 5	22 592	Kgw	581	186	Mar. 1, 1971	S, E 2	Ind	Cemented to 592 ft. Gun perforated from 559-568 ft. Pump set at 540 ft. Drawdown 14 ft at 10 gal/min when drilled. <u>1</u> <u>2</u>
105	do	do	1971	616	8 5	20 616	Kgw	582	180	Mar. 12, 1971	S, E 2	Ind	Cemented to 616 ft. Gun perforated from 560-569 ft. <u>1</u>
106	do	do	1975	590	7 3	484 590	Kgw	585	180	July 18, 1975	S, E	Ind	Cemented to 484 ft. Screened from 484-515 and 522-532 ft. Gravel packed. Pump set at 364 ft. <u>1</u> <u>2</u>
57-201	Wynwood Haven	do	1970	490	7 3	448 490	Kgw	552	150 155.0	May 28, 1970 Mar. 15, 1976	S, E	P	Cemented to 448 ft. Screened from 448-478 ft. Pump set at 282 ft. <u>1</u> <u>2</u>
* 202	U. S. Army Corps of Engineers	--	1964	404	4	--	Xgw	532	132.9	Oct. 27, 1976	S, E 1 1/2	P	Measured yield 13 gal/min.
301	Garza-Little Elm Estates	C. L. Willis	1959	653	7 3	357 376	Xgw	578	139	Oct. 6, 1959	S, E	P	Plugged back from 653 to 376 ft. Cemented to 357 ft. Screened from 358-373 ft. Gravel packed. <u>1</u>
* 302	do	Stoner Drilling Co.	1970	1,375	7 3	1,194 1,352	Kopa	578	--	--	S, E	P	Screened from 35 ft and mill slotted for 40 ft. Reported yield 140 gal/min. <u>1</u>
* 303	do	C. L. Willis	1963	596	4 2	555 596	Kgw	550	154	Aug. 1, 1963	S, E	P	Cemented to 555 ft. Screened from 556-571 and 574-589 ft. Gravel packed. <u>1</u>
304	Beach and Tennis Club	Pierce Pump Co.	1966	550	4 2	501 550	Kgw	535	160	Mar. 21, 1966	S, E 2	P	Cemented to 501 ft. Slotted from 503-533 ft. Gravel packed. Pump set at 300 ft. Drawdown 20 ft pumping 34 gal/min when drilled. <u>1</u>
* 305	Colony Municipal Utility District	Layne-Western Co., Inc.	1976	2,329	14 9	2,090 2,328	Kctm	578	446	Apr. 21, 1976	T, E	P	Cemented to 2,090 ft. Screened from 2,100-2,151; 2,196-2,256, 2,262-2,298; and 2,306-2,321 ft. Underreamed. Gravel packed. Pump set at 700 ft. <u>1</u> <u>2</u>
* 401	City of Lewisville	J. L. Myers Sons	1945	1,870	8 5	521 1,513	Kctm	528	--	--	T, E 60	P	Cemented to 1,513 ft. Pump set at 490 ft. Reported yield 325 gal/min. <u>1</u> <u>2</u>
* 402	do	Layne-Texas Co.	1927	1,070	8 6	897 1,070	Kopa	528	17	Aug. 28, 1927	T, E 40	P	Perforated from 1,027-1,070 ft. Reported yield 150 gal/min in 1951. Drawdown 56 ft pumping 300 gal/min when drilled. <u>1</u>
* 403	do	J. L. Myers Sons	1965	1,912	20 13 10 6	63 1,007 1,707 1,877	Kctm	530	535.0 550.0	Jan. 22, 1976 Dec. 3, 1976	T, E 150	P	Cemented to 1,707 ft. Screened from 1,707-1,857 ft. Underreamed. Gravel packed. Pump set at 710 ft. Measured yield 600 gal/min on Feb. 26, 1974. Pumping level 588.0 ft on Feb. 26, 1974. <u>1</u>
* 404	do	Texas Water Wells, Inc.	1971	1,900	10 8 6	1,000 1,700 1,900	Kctm	487	550	Aug. 1971	T, E 150	P	Cemented to 1,000 ft. Screened from 1,710-1,772 and 1,782-1,868 ft. Underreamed. Gravel packed. Drawdown 75 ft pumping 550 gal/min when drilled. <u>1</u> <u>2</u>

See footnotes at end of table.

## DENFON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
HW-18-57-501	Jack Cruson	E. C. Stone Water Well Drilling Co.	1967	160	4	142	Kgw	480	94.8	Sept. 30, 1970	N	N	Well caved. <u>1</u>
502	Jessie Peters	--	--	500	6	--	Kgw	495	82.9	Mar. 15, 1976	S, E	Ind	--
503	Ray Grimes	D. L. Myers	1969	494	5	494	Kgw	493	140	Oct. 6, 1969	S, E 1 1/2	D	Cemented to 494 and plugged back to 390 ft. Gun perforated from 350-358 ft. Pump set at 340 ft. Drawdown 50 ft pumping 15 gal/min when drilled. <u>1</u> <u>2</u>
504	Clifton Myers	do	1969	494	5	494	Kgw	495	150	Oct. 1969	S, E 1 1/2	D	Cemented to 494 ft. Gun perforated from 454-463 ft. Pump set at 340 ft. Reported yield 10 gal/min. <u>1</u> <u>2</u>
* 505	U. S. Army Corps of Engineers	--	1960	363	4	--	Kgw	530	--	--	S, E 2	P	Measured yield 15 gal/min on Oct. 27, 1976.
* 506	do	Watts Drilling Co.	1961	335	4	--	Kgw	535	126	May 26, 1961	S, E 2	P	Measured yield 15 gal/min on Oct. 27, 1976. <u>1</u>
* 601	Colony Municipal Utility District	Singer-Layne Texas	1974	1,432	8 4	1,210 1,432	Kcpa	605	380	Aug. 15, 1974	S, E 50	P	Cemented to 1,210 ft. Screened from 1,220-1,285; 1,318-1,328; and 1,347-1,422 ft. Underreamed. Gravel packed. Pump set at 634 ft. Drawdown 149 ft pumping 164 gal/min when drilled. <u>1</u>
* 602	do	do	1974	2,409	14 8	2,220 2,409	Kctm	605	480.0 481.0	Nov. 19, 1974 Oct. 1975	S, E 150	P	Cemented to 2,220 ft. Screened from 2,235-2,390 ft. Underreamed. Gravel packed. Pump set at 700 ft. Drawdown 78 ft pumping 795 gal/min when drilled and 61 ft pumping 832 gal/min Oct. 1975. Temp. 100°F. <u>1</u> <u>2</u>
* 603	Atlas Powder Co.	J. L. Myers Sons	1972	530	5	530	Kgw	550	180	June 7, 1972	S, E	Ind	Cemented to 526 ft. Gun perforated from 452-462 ft. Pump set at 365 ft. <u>1</u> <u>2</u>
604	F. E. Bedell	do	1967	1,296	5	1,296	Kcpa	532	270	May 29, 1967	S, E 2	D	Cemented to bottom. Gun perforated from 1,255-1,256 and 1,276-1,285 ft. Pump set at 448 ft. <u>1</u>
605	John Meaders	Watts Drilling Co.	1977	480	4	780	Kgw	515	220	Mar. 1977	S, E 3	Ind	Cemented to bottom. Gun perforated from 418-430 ft. Pump set at 294 ft. Reported yield 15 gal/min. <u>1</u>
801	Robert Horton	J. L. Myers Sons	1975	420	5	386	Kgw	485	240	May 16, 1975	S, E	D	Cemented to 386 ft. Gun perforated from 360-371 ft. Pump set at 320 ft. <u>1</u> <u>2</u>
* 901	Brian Hunsaker	do	1969	1,308	7 3	1,240 1,308	Kcpa	510	273.1 339.3	Sept. 30, 1970 Nov. 2, 1976	S, E 3	D	Cemented to 1,240 ft. Screened from 1,240-1,260 ft. Gravel packed. Pump set at 510 ft. Reported yield 20 gal/min. <u>1</u> <u>2</u> <u>3</u>
902	L. G. Carruth	do	1969	1,411	5	1,410	Kcpa	550	360	Dec. 1969	S, E	D	Cemented to 1,410 ft. Gun perforated from 1,325-1,340 ft. <u>1</u>
58-701	Hebron Water Supply Corporation	do	1964	858	7 3	745 798	Kgw	640	275.0 288.0	Sept. 22, 1964 Feb. 15, 1965	S, E 3	P	Cemented to 745 ft. Screened from 748-790 ft. Gravel packed. Pump set at 412 ft. Drawdown 70 ft pumping 100 gal/min on Feb. 15, 1965. <u>1</u> <u>2</u>
* 702	do	do	1965	1,594	7 3	1,465 1,590	Kcpa	640	351 374.0 440.0	Feb. 1965 May 20, 1965 Feb. 6, 1974	S, E 15	P	Cemented to 1,565 ft. Screened from 1,465-1,507; 1,518-1,528; and 1,549-1,580 ft. Underreamed. Gravel packed. Pump set at 597 ft. Reported yield 80 gal/min. Drawdown 30 ft pumping 70 gal/min on Feb. 6, 1974. Pumping level 434.0 ft on May 20, 1965. <u>1</u> <u>2</u>
* 19-39-801	William Stulz	Tatum Brothers	1966	360	7	322	Kca	714	150 169.1 188.0	July 1966 Oct. 1, 1970 Nov. 2, 1976	S, E 3/4	D	Cemented from 300-322 ft. Gravel packed. Pump set at 222 ft. Drawdown 30 ft pumping 10 gal/min when drilled. <u>1</u> <u>2</u>

See footnotes at end of table.



## DENTON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks	
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement				
*HW-19-46-101	Edgar Lynch	J. L. Myers Sons	1948	415	6	--	Kca	850	--	--	C, E	D, S	--	
601	Sam Freeman	Joe Oates	1904	249	3	--	Kcpa	760	180.9 198.1	Sept. 30, 1970 Nov. 1, 1976	N	N	3	
*	801	Bolivar Water Supply Corporation	J. L. Myers Sons	1974	900	7 3	770 880	Kctm	840	370 395.0	Nov. 1, 1974 May 8, 1975	S, E 20	P	Cemented to 770 ft. Screened from 770-796; 816-831, 845-855; and 860-870 ft. Underrammed. Gravel packed. Pump set at 555 ft. Drawdown 70 ft pumping 100 gal/min when drilled and 30 ft pumping 103 gal/min on May 8, 1975. 1/2
	901	Garrett, Seattle and Callaway	Boyd Drilling Co.	1969	360	4	360	Kcpa	788	120 146.1	Nov. 28, 1969 Oct. 22, 1976	S, E 2	N	Cemented to 320 ft. Completed from 320-350 ft. Reported yield 20 gal/min. 1/2
*	47-102	Bolivar Water Supply Corporation	J. L. Myers Sons	1970	852	7 3	740 850	Kca	740	228	Nov. 11, 1970	S, E 20	P	Screened from 740-780 and 800-840 ft. Gravel packed. Pump set at 405 ft. Drawdown 57 ft at 125 gal/min when drilled. 1/2
*	103	Duck Creek Water Co.	Gene Tumison Well Service	1968	1,844	--	760	Kca	733	175	June 22, 1968	S, E 3	P	Plugged back. Cemented from 532-705 ft. Slotted from 705-727 ft. Gravel packed. Pump set at 349 ft. Reported yield 21 gal/min. Drawdown 55 ft pumping 14 gal/min when completed. 2/2
	104	Bar V-K Air Ranch Estates Water Works	D. L. Myers	--	--	--	--	Kca	685	--	--	S, E 1 1/2	P	Pump set at 600 ft.
*	201	City of Sanger	Gene Tumison Well Service	1965	968	7	850	Kca	668	202.6 228.5	Oct. 1, 1970 Nov. 2, 1976	S, E 15	P	Open hole and gravel packed from 850-968 ft. Temp. 73°F. 3/2
	203	do	do	1955	822	7	747	Kca	668	--	--	S, E 15	P	Open hole and gravel packed from 747-822 ft. Pump set at 400 ft. Pumping level 300 ft pumping 120 gal/min Oct. 1974.
	204	do	--	1930	1,200	7	--	Kca	664	160.0	Sept. 2, 1966	S, E 20	P	Pump set at 418 ft. Pumping level 315 ft at 140 gal/min on Dec. 18, 1969.
*	205	do	Madewell Drilling Co.	1971	1,035	7 3	978 1,035	Kca	670	--	--	S, E 30	P	Slotted from 978-1,035 ft. Pump set at 540 ft. Reported yield 200 gal/min.
*	206	do	--	1920	597	8 6	495 597	Kca	667	216.0	Jan. 20, 1976	T, E 15	N	Slotted. Gravel packed. Abandoned.
	502	H. H. Harris	Gene Tumison Well Service	1970	2,355	8 4	2,355 650	Kcpa	692	200	Dec. 13, 1970	S, E 3	D, S	Plugged at 670 ft. Gun perforated from 447-458 and 540-542 ft. Pump set at 370 ft. Reported yield 28 gal/min. 2/2
	503	Canyon Lake Estates	Madewell Drilling Co.	1972	1,037	7	1,037	Kctm	665	--	--	S, E	P	Cemented to 903 ft. Screened from 982-993 and 1,006-1,016 ft. Gravel packed.
*	702	City of Krum	Gene Tumison Well Service	1952	981	7	865	Kctm	740	--	--	S, E 15	P	Open hole and gravel packed from 865-981 ft.
*	703	do	--	--	436	7	--	Kcpa	740	--	--	C, E 2	N	--
*	704	do	--	--	420	7	--	Kcpa	710	--	--	C, E 5	N	--
*	705	do	Madewell Drilling Co.	1971	922	5	922	Kctm	710	--	--	S, E 20	P	Slotted from 825-890 ft. Gravel packed. Reported yield 175 gal/min. 1/2
	706	Denny Dodd	D. L. Myers	1970	551	5	542	Kcpa	720	200	Aug. 21, 1970	S, E 1 1/2	D	Cemented to bottom. Gun perforated from 470-480 ft. Pump set at 360 ft. Drawdown 31 ft pumping 15 gal/min when drilled. 1/2 2/2

See footnotes at end of table.

## DENTON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HW-19-47-801	Robert Harrison	H. W. Pockrus	1964	615	4	--	Kcpa	715	189.5 246.7	Sept. 30, 1970 Nov. 1, 1976	S, E 1 1/2	P	Cemented. Gravel packed. Pump set at 318 ft. <u>3</u>
802	Skally Truck Stop	C. L. Moore Drilling Co.	1966	485	5	466	Kcpa	695	205	Oct. 10, 1966	S, E 3	Ind	Open hole and gravel packed from 466-485 ft. Reported yield 18 gal/min. Pumping level 350 ft Oct, 1966. <u>1</u>
901	City of Denton	Layne-Texas Co.	1953	1,358	20 14 10	616 750 1,200	Kctm	675	290 199.0 287.6 288.5	July 29, 1953 Sept. 18, 1960 Dec. 10, 1975 Jan. 28, 1977	T, E 200	P	Cemented to 616 ft. Screened from 770-780; 852-872; 877-882; 915-955; 975-1,140; and 1,174-1,184 ft. Underreamed. Pump set at 600 ft. Drawdown 300 ft pumping 600 gal/min on July 29, 1953, and 269.5 ft pumping 888 gal/min on July 18, 1960. Measured yield 641 gal/min Sept. 1956. <u>1 2 3</u>
* 903	Park Village Mobil Home Park	J. L. Myers Sons	1972	1,106	7 3	954 1,062	Kctm	640	--	--	S, E	P	Cemented to 954 ft. Screened from 952-964; 974-984; and 1,016-1,042 ft. Gravel packed. <u>1 2</u>
* 904	do	do	1972	1,061	7 3	954 1,061	Kctm	640	--	--	S, E	P	Cemented to 954 ft. Screened from 954-964, 974-984; and 1,018-1,044 ft. Gravel packed. Pump set at 550 ft. <u>1 2</u>
905	G. Stockard	D. L. Myers	1970	982	5 3	954 982	Kctm	602	150	Nov. 20, 1970	S, E 5	D	Cemented to 954 ft. Gun perforated from 911-922 and 930-932 ft. Screened from 954-978 ft. Pump set at 400 ft. Pumping level 325 ft at 30 gal/min when drilled. <u>1 2</u>
48-101	L. P. Enlow	--	--	350	--	--	Kcpa	700	211.9 239.1	Feb. 25, 1971 Nov. 2, 1976	W	S	<u>3</u>
* 103	Green Springs Water Supply Corporation	J. L. Myers Sons	1968	1,283	7 3	1,226 1,283	Kctm	700	230.0 320.0 330.0	Apr. 29, 1968 Nov. 26, 1975 Jan. 28, 1977	S, E 20	P	Cemented to 1,226 ft. Screened from 1,226-1,268 ft. Gravel packed. Pump set at 472 ft. Reported yield 100 gal/min. Drawdown 30 ft pumping 120 gal/min when drilled. Pumping level 310 ft on July 5, 1968, and 380 ft on Nov. 26, 1975. Temp. 81°F. <u>1 2</u>
104	Terrace Acres	Gene Tumlinson Well Service	1972	446	7	430	Kcpa	670	200	July 11, 1972	S, E 3	P	Open hole and gravel packed from 430-446 ft. Pump set at 315 ft.
* 301	Betty Shelley	D. L. Myers	1967	1,352	7 5	85 1,352	Kctm	683	200	Sept. 9, 1967	S, E 3	D, S	Cemented to 1,352 ft. Gun perforated from 1,277-1,284 and 1,322-1,327 ft. Pump set at 365 ft. <u>1</u>
501	Three V's Ranch	W. L. Rehkop Drilling Co.	1973	641	4 2	492 641	Kcpa	580	145 170.5	June 12, 1973 Feb. 3, 1978	S, E 1 1/2	D, S	Cemented to 492 ft. Slotted from 499-519; 557-577; and 587-607 ft. Gravel packed. Pump set at 294 ft. Drawdown 75 ft pumping 20 gal/min when drilled. <u>1</u>
801	A. Glittenberg	D. L. Myers	1971	712	8 5	35 712	Kcpa	550	190	July 30, 1971	S, E 1 1/2	D	Cemented to 712 ft. Gun perforated from 664-672 and 676-680 ft. Pump set at 384 ft. Drawdown 41 ft at 12 gal/min when drilled. <u>1</u>
54-201	A. B. Burel, Jr.	J. L. Myers Sons	1970	477	5	477	Kcpa	838	240	July 7, 1970	S, E 2	D, S	Perforated from 414-418 and 441-450 ft. Pump set at 400 ft. <u>1 2</u>
* 601	Ponder Water Works	--	1935	447	5	447	Kcpa	735	70 98 160	1935 1944 Apr. 28, 1960	S, E	P	Slotted. Reported yield 26 gal/min.
602	do	--	1950	449	--	--	Kcpa	735	--	--	N	N	Reported yield 11 gal/min. Plugged.
* 603	Ponder Water Supply Corporation	J. L. Myers Sons	1969	1,058	7	1,056	Kctm	735	434.0 335.0	July 23, 1971 Nov. 1, 1976	S, E 20	P	Cemented to 1,056. Gun perforated from 905-915; 934-944; and 950-970 ft. Pump set at 565 ft. Plugged back to 980 ft. Temp. 79°F. <u>1 2 3</u>

See footnotes at end of table.

## DENTON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HW-19-54-901	Charlie Howard	Boyd Drilling Co.	1969	450	7 --	425 450	Kepa	722	267.9 314.7	Oct. 2, 1970 Nov. 12, 1975	S, E 2	P	Cemented to 420 ft. Completed from 420-450 ft. Gravel packed. Pump set at 357 ft. <u>1</u> <u>3</u>
902	Wayne Simmons	H. C. Millican	1975	456	5 4	409 456	Kepa	700	238	Oct. 10, 1975	S, E	D	Cemented to 409 ft. Slotted from 418-451 ft. Pump set at 337 ft. <u>1</u>
903	Fay Lesley	Young Drilling Co.	1975	440	6 4	80 440	Kepa	672	269.3	May 12, 1978	S, E 1 1/2	D	Cemented from 190-220 ft. Gravel packed. <u>1</u>
* 55-201	Selwyn School	J. L. Myers Sons	1961	593	5 4	460 593	Kepa	710	230 285.7	July 20, 1961 Apr. 13, 1976	S, E 2	P	Perforated from 557-593 ft. Pump set at 525 ft. <u>1</u>
202	Ranch Estates	do	1962	1,052	8 4	976 1,052	Kotm	680	--	--	T, E 25	P	Cemented to 976 ft. Screened from 984-1,051 ft. Pump set at 500 ft. Pumping level 370 ft in 1962. <u>1</u>
* 301	City of Denton	do	1944	1,148	13 10	1,051 1,148	Kotm	660	430.0 288.3	Oct. 24, 1956 Jan. 28, 1977	S, E 50	P	Torch slotted. Pump set at 650 ft. Measured yield 450 gal/min Nov. 1944 and 359 gal/min Sept. 1956. Temp. 78°F. <u>1</u> <u>2</u> <u>3</u>
* 302	do	do	1944	1,333	16 10	520 1,027	Kot	692	340.0 320.0 392.0 257.0	July 26, 1951 May 24, 1955 Oct. 24, 1956 Aug. 26, 1958	N	N	Screened for 210 ft at 16 intervals between 530-1,016 ft. Gravel packed. Measured yield 185 gal/min Sept. 1956. Pumping level 536 ft at 343 gal/min on July 26, 1951. Plugged. <u>1</u> <u>2</u>
* 303	do	Q. D. Lewis	1926	1,160	10 8	1,000 1,160	Kotm	639	416	June 5, 1957	T, E 125	N	Pump set at 690 ft. Measured yield 300 gal/min Sept. 1956. Temp. 78°F.
* 304	do	J. L. Myers Sons	1934	1,134	13 10 7	700 1,000 1,134	Kotm	616	324.0	Jan. 6, 1953	T, E 125	N	Pump set at 635 ft. Measured yield 322 gal/min Sept. 1956 and 400 gal/min Feb. 1944. Pumping level 527 ft on Aug. 14, 1957.
* 305	do	do	1940	1,132	10 8 6	784 1,054 1,132	Kotm	679	344.5 400 170	Dec. 15, 1948 Oct. 30, 1957 May 1971	T, E 150	P	Cemented to 784 ft. Perforated from 1,030-1,127 ft. Pump set at 610 ft. Measured yield 414 gal/min Sept. 1956 and 286 gal/min Feb. 1944. Pumping level 585 ft on Oct. 24, 1956. Temp. 78°F. <u>1</u>
* 306	do	Q. D. Lewis	1930	1,156	15 12 10 8	880 1,194 1,299 1,374	Kotm	705	--	--	N	N	Salty water. Plugged back from 1,374 ft. Perforated from 1,058-1,156 ft. Reported yield 1,100 gal/min in 1931. Production down to 200 gal/min in 1932 after plugging back. Water still salty. <u>1</u>
* 307	do	--	1937	1,142	8 5	1,000 1,140	Kotm	620	--	--	N	N	Perforated from 980-1,140 ft. Measured yield 137 gal/min in 1944. Temp. 78°F. Plugged in 1946. <u>1</u>
* 308	do	--	1937	1,140	6 5	-- --	Kotm	620	--	--	N	N	Measured yield 138 gal/min in 1944. Temp. 82°F.
309	do	J. L. Myers Sons	1939	1,195	10 8	1,040 1,195	Kotm	643	200 416	Feb. 26, 1944 June 7, 1957	N	N	Perforated from 1,045-1,195 ft. Measured yield 486 gal/min in 1944. Drawdown 200 ft pumping 490 gal/min in 1939. Plugged.
* 310	do	do	1952	1,009	20 10 8	600 797 1,009	Kepa, Kotm	660	260	Mar. 15, 1952	T, E 75	P	Cemented to 600 ft. Screened from 600-722 and 800-875 ft. Pump set at 550 ft. Drawdown 240 ft pumping 160 gal/min Mar. 1952. <u>1</u>
311	Civil Defense	D. L. Myers	1969	752	5 2	695 752	Kepa	618	230	May 10, 1969	S, E 5	P	Screened from 695-728 ft. Gravel packed. Pump set at 420 ft. Reported yield 20 gal/min. <u>2</u>
312	Flow Hospital	Madewell Drilling Co.	1974	703	4	703	Kepa	705	--	--	S, E 10	Ind	Cemented to bottom. Gum perforated. Gravel packed. Stand-by well. <u>1</u>

See footnotes at end of table.

## DENTON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HW-19-55-501	City of Denton	J. L. Myers Sons	1946	978	8 7	858 978	Kctm	631	--	--	C, E 1	P	Cemented to 858 ft. Screened. Pump set at 463 ft. Reported yield 40 gal/min. Airport walls. <u>1</u> <u>2</u>
* 601	Whitson Food Products	do	1950	774	6 5	680 774	Kcpa	721	--	--	T, E 30	N	Perforated from 672-770 ft. <u>1</u>
* 602	Acme Brick Co.	do	1943	753	4 3	648 753	Kcpa	685	--	--	N	N	Cemented to 648 ft. Plugged. <u>1</u>
603	do	do	1956	836	7 4 2	698 789 836	Kcpa	700	230	Feb. 16, 1956	T, E 25	Ind	Cemented to 698 ft. Screened from 706-776 ft. Gravel packed. Pump set at 480 ft. Reported yield 100 gal/min. <u>1</u>
604	City of Denton	Layne-Texas Co.	1952	1,205	--	--	Kctm	682	--	--	N	N	Test hole. Plugged. <u>1</u>
605	North Texas State Univ. Golf Course	J. L. Myers Sons	1945	619	10 8	575 619	Kcpa	720	--	--	N	N	Perforated from 575-615 ft. <u>1</u>
* 606	do	Madewell Drilling Co.	1972	1,170	7 3	1,010 1,170	Kctm	680	--	--	S, E 20	Irr	Cemented to 1,010 ft. Slotted 60 ft. Gravel packed. Pump set at 660 ft. Measured yield 112 gal/min on Aug. 4, 1976. Temp. 76°F. <u>1</u> <u>2</u>
* 801	W. T. Smith	D. L. Myers	1970	591	5	591	Kcpa	655	308	Feb. 9, 1970	S, E 1 1/2	D	Cemented to 591 ft. Gun perforated from 546-555 ft. Pump set at 428 ft. Pumping level 331 ft at 10 gal/min on Feb. 9, 1970. <u>1</u> <u>2</u>
901	Denton Country Club	Madewell Drilling Co.	1971	1,119	--	--	Kctm	600	--	--	S, E 25	Irr	Screened from 60 ft. Gravel packed. Pump set at 550 ft. Reported yield 180 gal/min.
* 56-101	City of Denton	J. L. Myers Sons	1947	1,214	13 10	1,040 1,214	Kctm	613	455 149.5 255.2	July 10, 1952 May 26, 1960 Dec. 10, 1975	T, E 150	P	Torch slotted from 1,082-1,214 ft. Pump set at 610 ft. Measured yield 219 gal/min Sept. 1956. Reported to pump sand. <u>1</u> <u>2</u> <u>3</u>
* 102	do	do	1947	1,212	13 10	1,010 1,212	Kctm	600	280.0 333.0 150.0	Feb. 20, 1953 Feb. 24, 1955 May 1971	T, E 200	P	Cemented to 1,010 ft. Torch slotted. Pump set at 660 ft. Measured yield 177 gal/min Sept. 1956. Pumping level 454 ft on Nov. 28, 1952. <u>1</u> <u>2</u> <u>3</u>
* 103	do	do	1948	1,202	13 10	1,055 1,202	Kctm	640	384.0 181.0	July 5, 1952 Oct. 1962	T, E	P	Torch slotted from 1,055-1,202 ft. Measured yield 344 gal/min Sept. 1956. Pumping level 421.5 ft at 450 gal/min on Dec. 1, 1951. <u>1</u> <u>2</u> <u>3</u>
* 104	do	Layne-Texas Co.	1953	1,200	20 14 10	620 751 1,200	Kct	633	155.6 255.5	May 26, 1960 Nov. 2, 1976	T, E 200	P	Cemented to 620 ft. Screened from 624-634; 665-700; 708-718; 751-765; 830-865; 930-1,100; and 1,112-1,142 ft. Underreamed. Gravel packed. Pump set at 660 ft. Measured yield 613 gal/min Sept. 1956 and 717 gal/min on Apr. 25, 1953. Pumping level 592 ft on Oct. 24, 1956. <u>1</u> <u>2</u> <u>3</u>
105	Clay Moses	Madewell Drilling Co.	1970	734	4	734	Kcpa	588	--	--	S, E 1	D	Cemented to 734 ft. Gun perforated from 657-661; 683-687; 712-715; and 730-734 ft. <u>2</u>
* 201	Capricorn Mobil Park	do	1971	725	4	712	Kcpa	597	230	Apr. 8, 1971	S, E 2	--	Cemented to 712 ft. Gravel packed. <u>1</u>
202	Edna Carter	do	1972	763	5	763	Kcpa	600	250	Apr. 3, 1972	S, E 2	D	Cemented to 763 ft. Gun perforated from 713-720 and 727-730 ft. Pump set at 400 ft. <u>1</u> <u>2</u>
401	City of Denton	Layne-Texas Co.	1953	1,217	--	--	Kctm	652	--	--	N	N	Test hole. <u>1</u> <u>2</u>
* 402	United Parcel Service	J. L. Myers Sons	1968	765	8 6 3	60 660 765	Kcpa	620	231	Aug. 8, 1968	S, E 10	Ind	Screened from 664-685 and 700-710 ft. Gravel packed. Pump set at 464 ft. Reported yield 54 gal/min.

See footnotes at end of table.

## DENTON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
HW-19-56-403	Floyd Halbert	D. L. Myers	1971	804	5	804	Kepa	655	380	Dec. 28, 1971	S, E 2	D	Cemented to 804 ft. Gun perforated from 726-730 and 785-792 ft. Pump set at 480 ft. <u>Y</u> <u>Z</u>
* 502	Hidden Valley	Stoner Drilling Co.	1967	782	4	735	Kepa	573	--	--	S, E 5	P	Cemented to 735 ft. <u>Y</u>
503	David Morris	J. L. Myers Sons	1946	762	5 4	679 762	Kepa	570	281.9	Oct. 18, 1976	S, E 1	N	Cemented to 158 ft. Pumps sand. <u>Y</u>
504	Vacation Village	Madewell Drilling Co.	1971	1,185	7 4	-- --	Kctm	588	--	--	N	N	Gravel packed. <u>Y</u>
* 505	do	J. L. Myers Co.	1976	1,289	7 3	1,186 1,289	Kctm	588	300	May 17, 1976	N	N	Cemented to 1,186. Screened at 5 intervals from 1,186-1,279 ft. Underreamed. Gravel packed. <u>Y</u> <u>Z</u>
506	do	do	1976	1,292	7 3	1,201 1,290	Kctm	590	330	Oct. 1, 1976	S, E	P	Cemented to 1,201 ft. Screened from 1,201-1,222; 1,231-1,246; and 1,252-1,283 ft. Pump set at 550 ft. Underreamed. Gravel packed. <u>Y</u> <u>Z</u>
* 601	Camp Copass	Madewell Drilling Co.	1971	792	4	700	Kepa	525	300	Oct. 18, 1976	S, E 3	P	Gravel packed. Pump set at 320 ft. <u>Y</u>
* 602	do	Strittmatter Irrigation and Supply	1976	60	8	60	Kgw	530	15	Apr. 1, 1976	S, E 7 1/2	Irr	Screened from 45-60 ft. Temp. 72°F. <u>Y</u>
* 701	Denton West Mobile Home Park	Madewell Drilling Co.	1971	1,200	8 3	1,140 1,200	Kctm	640	--	--	S, E 25	P	Screened from 1,140-1,190 ft. Pump set at 611 ft. Temp. 78°F. <u>Y</u> <u>Z</u>
702	do	do	1971	780	8 3	750 780	Kepa	640	--	--	S, E 15	P	Screened from 750-780 ft. Pump set at 611 ft. <u>Y</u>
* 703	Walter Leatherwood	do	1970	685	4	--	Kepa	575	--	--	S, E 2	P	Perforated.
801	E. V. Bunch, Jr.	D. L. Myers	1970	871	5	871	Kepa	580	330.0	June 18, 1970	S, E 1 1/2	D	Perforated from 789-797; 836-839; and 857-860 ft. Pump set at 467 ft. <u>Y</u> <u>Z</u>
* 901	Montserrat Jesuit Retreat House	J. L. Myers Sons	1962	813	4 2	791 813	Kepa	540	156	June 8, 1962	S, E 1 1/2	P	Cemented to 791 ft. Screened from 790-811 ft. Pump set at 321 ft. <u>Y</u>
902	U. S. Army Corps of Engineers	Watts Drilling Co.	1968	200	4 3	112 125	Kgw	532	18	Sept. 16, 1968	S, E 1	P	Cemented to 112 ft. Screened from 105-125 ft. Pump set at 105 ft. Drawdown 69 ft pumping 10 gal/min when drilled. <u>Y</u>
* 903	McClendon Corporation	J. L. Myers Sons	1963	892	8 5 2	68 840 892	Kepa	530	170	July 19, 1963	S, E 3	P	Cemented to 840 ft. Mill slotted from 839-863 ft and screened from 863-879 ft. Pump set at 342 ft. Pumping level 208 ft on July 19, 1963. <u>Y</u>
* 61-301	Walter Miller	R. F. Myers	1968	415	5	415	Kepa	832	192.4 203.9	Nov. 9, 1971 Nov. 1, 1976	S, E 1	D	Cemented to 415 ft. Gun perforated from 284-294; 368-372; and 377-386 ft. Pump set at 280 ft. Drawdown 30 ft pumping 10 gal/min when drilled. <u>Y</u> <u>Z</u>
* 62-202	City of Justin	Layne and Bowler	1916	1,020	12 8 6	575 966 1,020	Kctm	640	224.0 320.0 350.0	Jan. 7, 1957 Mar. 23, 1967 Dec. 3, 1970	N	N	Screened from 966-1,020 ft. Pumping level 420 ft on Dec. 3, 1970. Casing collapsed in 1971.
* 203	do	J. L. Myers Sons	1963	1,003	7 3	922 1,003	Kctm	660	308 371.2 424.3	Aug. 16, 1963 Oct. 2, 1970 Nov. 1, 1976	S, E 15	P	Cemented to 922 ft. Screened from 922-948 and 955-965 ft. Mill slotted from 948-955 and 986-995 ft. Gravel packed. Pump set at 530 ft. Measured yield 75 gal/min on Nov. 12, 1975. Drawdown 102 ft pumping 100 gal/min Aug. 1963. <u>Y</u> <u>Z</u>

See footnotes at end of table.

## DENTON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HW-19-62-204	City of Justin	J. L. Myers Sons	1971	1,045	8 4	950 1,045	Kctm	638	350	Oct. 15, 1971	S, E 15	P	Cemented to 950 ft. Screened from 950-1,013 ft. Underreamed. Gravel packed. Pump set at 515 ft. Measured yield 86 gal/min on Feb. 24, 1976. Drawdown 50 ft pumping 150 gal/min when drilled. Pumping level 422.0 ft on Dec. 3, 1976. Temp. 81°F. <u>1</u> <u>2</u>
601	Howard Gibbs	Madewell Drilling Co.	1975	500	4	475	Kcpa	680	272.5	May 11, 1978	S, E 1 1/2	D	Cemented to 475 ft. Gravel packed. Pump set at 357 ft. <u>1</u>
* 801	Northwest School District	O. F. Young and Son	1969	430	--	--	Kcpa	705	--	--	S, E 5	P	Cemented to 385 ft. Reported yield 40 gal/min. <u>1</u>
* 802	American Telephone and Telegraph Co.	J. L. Myers Sons	1968	450	8 5	337 378	Kcpa	670	--	--	S, E	Ind	Screened from 337-356 ft. Gravel plug from 378-450 ft. <u>1</u>
* 63-201	Argyle Water Works	do	1940	607	8 6	38 598	Kcpa	680	137.5	Feb. 28, 1944	S, E 2	P	Perforated for 58 ft with open bottom. <u>1</u>
* 202	Argyle Water Supply Corporation	do	1963	1,144	7 3	1,100 1,139	Kctm	770	370	June 17, 1963	S, E 20	P	Cemented to 1,100 ft. Screened from 1,102-1,114 and 1,116-1,137 ft. Gravel packed. Pump set at 672 ft. Drawdown 110 ft pumping 125 gal/min when drilled. <u>1</u> <u>2</u>
* 203	do	do	1967	1,133	7 3	1,105 1,131	Kctm	730	356	July 3, 1967	S, E 25	P	Cemented to 1,105 ft. Screened from 1,105-1,125 ft. Gravel packed. Pump set at 655 ft. Drawdown 196 ft pumping 110 gal/min when drilled. <u>1</u> <u>2</u>
* 204	do	J. L. Myers Co.	1976	1,124	8 4	986 1,124	Kctm	660	462 522.0	July 28, 1976 Dec. 3, 1976	S, E 25	P	Cemented to 986 ft. Screened from 986-1,118 ft at 7 intervals. Underreamed. Gravel packed. Pump set at 734 ft. Drawdown 156 ft pumping 200 gal/min when drilled. <u>1</u> <u>2</u>
301	Shady Lane Acres	Madewell Drilling Co.	1972	675	5	675	Kcpa	600	325.1	Jan. 29, 1976	S, E	P	Cemented to 651 ft. Gravel packed. <u>1</u>
* 302	Argyle Water Supply Corporation	do	1971	1,168	10 4	1,082 1,168	Kctm	650	320.0	July 22, 1975	S, E 50	P	Cemented to 1,082 ft. Screened from 1,078-1,115 ft. Gravel packed. Pump set at 752 ft. Measured yield 177 gal/min on Jan. 29, 1976. Pumping level 584 ft at 178 gal/min when drilled and 590 ft at 185 gal/min on July 22, 1975. <u>1</u> <u>2</u>
401	Community Water Co.	O. F. Young and Son	--	--	--	--	Kcpa	605	246.2	Mar. 4, 1975	S, E 3	P	--
402	Finley Ewing	Madewell Drilling Co.	1975	560	4	520	Kcpa	625	257.1	May 11, 1978	S, E 1	P	Cemented to 520 ft. Gravel packed. <u>1</u>
* 601	Scotch and Soda Water Supply Corporation	J. L. Myers Sons	1967	856	7 3	740 856	Kcpa	680	324 356.5 420.4	Dec. 1967 Oct. 5, 1970 Nov. 12, 1975	S, E 15	P	Cemented to 740 ft. Screened from 740-761 and 767-777 ft. Gravel packed. Pump set at 525 ft. Reported yield 70 gal/min. <u>1</u> <u>2</u>
* 602	Bartonville Water Supply Corporation	Madewell Drilling Co.	1973	1,332	7 3	1,150 1,332	Kctm	700	--	--	S, E 30	P	Cemented to 1,150 ft. Screened for 108 ft. Gravel packed. Pump set at 800 ft. <u>1</u>
* 603	North Shore Water Supply Corporation	J. L. Myers Sons	1965	1,492	7	1,490	Kctm	655	360 380.0 420.0 465.0	July 1965 Mar. 18, 1969 Apr. 24, 1974 June 28, 1977	S, E 15	P	Cemented to 1,490 ft. Gun perforated from 1,180-1,260 ft. Pump set at 600 ft. Measured yield 86 gal/min on May 21, 1971. Drawdown 65 ft pumping 82 gal/min when drilled and 94 ft on Apr. 24, 1974. Pumping level 480 ft at 100 gal/min on Mar. 12, 1971. Well plugged back to 1,275 ft. <u>1</u> <u>2</u>
604	Rocky Point Mobil Home Park	--	--	--	--	--	Kcpa	635	--	--	S, E	P	--

See footnotes at end of table.

## DENTON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HW-19-63-701	Byron Nelson	D. L. Myers	1969	626	5	626	Kcpa	667	347.6 378.9	Oct. 5, 1970 Nov. 1, 1976	S, E 1 1/2	D	Cemented to 626 ft. Gun perforated from 546-556 ft. Pump set at 450 ft. <u>1</u> <u>2</u> <u>3</u>
702	Marshall Creek Estates	J. L. Myers Sons	1972	1,175	7 3	975 1,175	Kctm	615	425	June 19, 1972	S, E	P	Cemented to 975 ft. Screened from 975-1,017 and 1,050-1,076 ft. Gravel packed. <u>1</u> <u>2</u>
* 801	U. S. Army Corps of Engineers	Ward and Ward Drilling Co.	1964	600	4 3	550 560	Kcpa	570	248	Aug. 12, 1964	S, E 2	P	Cemented to 550 ft. Slotted from 550-560 ft and open ended. Drawdown 59 ft pumping 10 gal/min when drilled. <u>1</u>
* 802	Midway Properties	J. L. Myers Sons	1965	650	7 2	610 650	Kcpa	642	318	May 1, 1965	S, E 5	P	Screened from 610-640 ft. Gravel packed.
* 901	Lake Hill Estates	do	1973	1,331	7 3	1,232 1,331	Kctm	670	470 325.0	Aug. 30, 1973 June 8, 1977	S, E	P	Cemented to 1,232 ft. Set 52 ft of screen between 1,233-1,325 ft. Underreamed. Gravel packed. Pump set at 650 ft. <u>1</u> <u>2</u>
902	North Shore Water Supply Corporation	do	1972	1,264	7 3	1,146 1,264	Kctm	615	392	Jan. 25, 1972	S, E 15	P	Cemented to 1,146 ft. Screened from 1,146-1,196; 1,199-1,204; and 1,233-1,254 ft. Underreamed. Gravel packed. Pump set at 597 ft. Reported yield 80 gal/min. <u>1</u> <u>2</u>
* 904	Bolo Point Water Supply Corporation	do	1972	746	7 3	701 746	Kcpa	608	350	May 5, 1972	S, E 10	P	Cemented to 701 ft. Screened from 701-712; 715-720; and 724-729 ft. Underreamed. Gravel packed. Pump set at 530 ft. Reported yield 40 gal/min. <u>1</u> <u>2</u>
905	Redbud Point	--	--	--	4	--	Kcpa	573	--	--	S, E	P	--
906	Hank Beckman	Madewell Drilling Co.	1974	708	7	574	Kcpa	540	356.3	May 11, 1978	S, E 10	P	Cemented to 574 ft. Gravel packed.
* 64-101	Virgil Kropp	Pierce Pump Co.	1962	200	3	200	Kgw	640	--	--	S, E 1/2	D	Cemented to 177 ft. Screened from 177-200 ft.
* 102	-- Leatherby	--	1910	35	36	35	Kgw	595	17.1	Mar. 23, 1976	J, E 1/2	S	Dug well.
* 103	Dallas Hancock	--	--	60	--	--	Kgw	605	--	--	J, E	D, S	--
* 104	Henry Burch	--	1944	150	6	--	Kgw	570	42 36.9	May 12, 1944 Mar. 23, 1976	J, E 3/4	Irr	--
* 105	Presbyterian Camp	J. L. Myers Sons	1955	802	8 4	725 802	Kcpa	600	--	--	S, E 5	P	Screened from 727-756; 762-783; and 790-800 ft. Reported yield 40 gal/min in 1961. <u>1</u>
106	Soroptimist's Camp	E. S. Allen	1956	706	4	706	Kcpa	610	190	Apr. 13, 1956	S, E 3	N	<u>1</u>
107	do	J. L. Myers Co.	1976	830	5 2	710 782	Kcpa	610	360	Oct. 29, 1976	S, E	P	Cemented to 710 ft. Screened from 710-732 and 751-761 ft. Gravel packed. Pump set at 600 ft. <u>1</u> <u>2</u>
* 201	Highland Village	J. L. Myers Sons	1969	1,748	8 7 4	1,013 1,621 1,747	Kctm	560	313.9 403.0	Oct. 7, 1970 Nov. 1, 1976	S, E 50	P	Cemented to 1,621 ft. Screened from 1,621-1,657 and 1,663-1,727 ft. Gravel packed. Pump set at 650 ft. Pumping level 385 at 100 gal/min when drilled. <u>1</u> <u>2</u> <u>3</u>
* 203	do	do	1965	917	--	--	Kcpa	560	--	--	S, E 10	P	Pump set at 662 ft. Pumping level 550 ft on Dec. 3, 1976. <u>2</u>
204	U. S. Army Corps of Engineers	Watts Drilling Co.	1961	255	4	--	Kgw	545	30	May 26, 1961	S, E 1 1/2	P	<u>1</u>

See footnotes at end of table.

## DENTON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HW-19-64-205	U. S. Army Corps of Engineers	Watts Drilling Co.	1961	235	4	--	Kgw	542	30	June 7, 1961	S, E 1 1/2	P	Measured yield 14 gal/min on Oct. 28, 1976. <u>1</u>
* 206	do	--	1964	183	4	--	Kgw	530	29.5	Oct. 28, 1976	S, E 1	P	Measured yield 11 gal/min on Oct. 28, 1976.
* 207	Harbor Grove Estates	J. L. Myers Sons	1957	758	7 3	728 758	Kcpa	570	176	Aug. 20, 1957	S, E 5	P	Cemented to 758 ft. Screened from 728-758 ft. Gravel packed. <u>1</u>
208	Highland Village	--	1950	--	--	--	Kcpa	610	--	--	T, G 4	P	Reported yield 50 gal/min.
* 301	Roy V. Harper	J. L. Myers Sons	1946	870	7 5 4	281 834 870	Kcpa	580	90 127.0	1946 1952	T, E 10	P	<u>1</u>
* 302	Charlie Purser	Pete Pockrus	1955	235	4	--	Kgw	551	--	--	G, E	D	--
303	C. E. Pipkin	Watts Drilling Co.	1965	275	4	275	Kgw	547	57	Oct. 26, 1965	S, E 1	D	Cemented from 155-255 ft. Completed from 255-270 ft. Pump set at 168 ft. <u>1</u>
* 304	Lake Cities Utility Authority	Triangle Pump Co.	1965	978	8 4	810 978	Kcpa	573	300	Oct. 25, 1965	T, E 20	P	Cemented to 810 ft. Screened from 810-820 and 920-937 ft. Underreamed. Gravel packed. Pump set at 430 ft. Drawdown 65 ft pumping 110 gal/min when drilled. <u>2</u>
* 305	do	Madewell Drilling Co.	1972	1,524	7 3	1,376 1,524	Kctm	573	--	--	S, E 30	P	Screened for 52 ft. Pump set at 609 ft. Reported yield 155 gal/min. <u>1</u> <u>2</u>
* 306	do	do	1974	308	16 8	130 308	Kgw	538	57 91.5 132.0	May 1974 Jan. 28, 1976 Dec. 3, 1976	S, E 40	P	Cemented to 130 ft. Screened from 122-172 and 239-289 ft. Pump set at 285 ft. Measured yield 470 gal/min on Jan. 28, 1976. Pumping level 222 ft at 480 gal/min when drilled and 194 ft at 460 gal/min on Mar. 10, 1976. <u>1</u>
* 307	do	J. L. Myers Sons	1962	960	7 3	900 960	Kcpa	580	200 400.0	Feb. 20, 1962 Mar. 10, 1976	S, E 25	P	Cemented to 900 ft. Screened from 901-921 and 923-953. Gravel packed. Pump set at 630 ft. Reported yield 105 gal/min. Pumping level 425 ft at 100 gal/min when drilled and 570 ft on Apr. 22, 1971. <u>1</u>
* 308	Highland Village	do	1974	1,770	8 7 4	1,207 1,596 1,770	Kctm	580	431.0	Dec. 3, 1976	S, E 70	P	Cemented to 1,596 ft. Screened at 9 intervals between 1,596-1,748 ft for a total of 111 ft. Gravel packed. Underreamed. Pump set at 650 ft. Pumping level 495 ft on Aug. 22, 1974 and 442.0 ft on Nov. 1, 1976. <u>1</u> <u>2</u>
309	do	H. Pete Pockrus	1962	950	--	--	Kcpa	580	--	--	S, E 3	P	--
* 310	U. S. Army Corps of Engineers	Ward and Ward Drilling Co.	1960	144	4	144	Kgw	530	27 18.3	Feb. 18, 1960 Oct. 27, 1976	S, E 1 1/2	P	Screened from 134-144 ft. Pump set at 105 ft. Measured yield 13 gal/min on Oct. 27, 1976. <u>1</u>
* 311	do	do	1960	215	4	215	Kgw	525	59	Mar. 2, 1960	S, E 1 1/2	P	Screened from 205-215 ft. Pump set at 168 ft. Measured yield 14 gal/min on Oct. 27, 1976. <u>1</u>
312	do	do	1960	360	4	360	Kgw	530	65	Mar. 10, 1960	S, E 1	N	Screened from 349-360 ft. Pump set at 236 ft. Measured yield 11 gal/min. <u>1</u>
313	do	do	1960	182	4	182	Kgw	535	--	--	S, E 1 1/2	P	Screened from 172-182 ft. Plugged back from 300 ft. <u>1</u>
* 314	do	Watts Drilling Co.	1961	278	4	--	Kgw	532	71 75.1	May 26, 1961 Oct. 28, 1976	S, E 1 1/2	P	Measured yield 14 gal/min. <u>1</u>

See footnotes at end of table.



## DENTON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HW-19-64-315	U. S. Army Corps of Engineers	Ward and Ward Drilling Co.	1970	221	4	200	Kgw	534	30 32.4	June 19, 1970 Oct. 28, 1976	S, E 1 1/2	P	Measured yield 13 gal/min. <u>1/2</u>
* 401	Bartonville Water Supply Corporation	J. L. Myers Sons	1964	883	7 3	780 883	Kcpa	690	360	Oct. 9, 1964	S, E 30	P	Screened from 780-810 and 830-865 ft. Underreamed. Gravel packed. Pump set at 660 ft. Drawdown 142 ft pumping 130 gal/min when drilled. <u>1/2</u>
* 402	do	Madewell Drilling Co.	1973	1,353	7 3	1,280 1,353	Kctm	690	--	--	S, E 30	P	Cemented to 1,280 ft. Screened from 1,289-1,352 ft. Gravel packed. <u>1/2</u>
* 403	H. C. Otis	Layne-Texas Co.	1962	747	6 3	650 747	Kcpa	640	326	Aug. 14, 1962	S, E 3	D, S	Cemented to 650 ft. Screened from 670-700 ft. Underreamed. Gravel packed. Pump set at 462 ft. Drawdown 81 ft pumping 30 gal/min when drilled. <u>1/2</u>
404	Weaver Realty	D. L. Myers	1970	900	5	900	Kcpa	650	415 434.7	Sept. 7, 1970 Oct. 21, 1976	S, E 5	D	Cemented to 900 ft. Gun perforated from 790-796; 802-808; and 848-858 ft. Pump set at 610 ft. Reported yield 20 gal/min. Drawdown 45 ft pumping 10 gal/min when drilled.
* 501	Bartonville Water Supply Corporation	Madewell Drilling Co.	1971	1,380	7 3	-- --	Kctm	645	--	--	S, E 30	P	Cemented. Screened. Gravel packed. <u>1/2</u>
* 502	Flower Mound Utility District	J. L. Myers Sons	1973	1,747	8 4	1,648 1,747	Kctm	586	464.0	Apr. 6, 1976	S, E 50	Irr	Cemented to 1,648 ft. Screened from 1,648-1,695 and 1,701-1,740 ft. Underreamed. Gravel packed. Pump set at 662 ft. Pumping level 550 ft at 193 gal/min when drilled. <u>1/2</u>
601	Whippoorwill Hills	Peta Pockrus	1968	1,055	4	--	Kcpa	558	--	--	S, E 3	P	Gravel packed. Reported yield 20 gal/min.
* 602	H. Millican	Kilpatrick Drilling Co.	1963	255	4	255	Kgw	575	77.0	June 16, 1970	S, E 3/4	D, S	Cemented to bottom and jet perforated from 239-243 ft. Pump set at 180 ft. Pumping level 130 ft at 10 gal/min when drilled. <u>1/2</u>
* 603	--	--	--	40	36	--	Kgw	583	28.6	do	B, H	S	Dug well.
604	City of Lewisville	Ward and Ward Drilling Co.	1960	282	4 2	282 282	Kgw	532	--	--	S, E 1 1/2	P	Gun perforated 4-in casing from 215-220 ft and screened. Liner from 210-220 ft. Measured yield 14 gal/min. <u>1/2</u>
* 701	E. S. McAfee	Kilpatrick Drilling Co.	1960	62	--	--	Kgw	620	52.0	May 20, 1969	S, E	S, Ind	--
* 702	U. S. Army Corps of Engineers	Ward and Ward Drilling Co.	1959	134	4	--	Kgw	590	--	--	S, E 1	P	Reported yield 22 gal/min.
* 703	do	Watts Drilling Co.	1963	150	4	--	Kgw	565	--	--	S, E 1	P	Pump set at 100 ft. Reported yield 21 gal/min.
* 704	do	do	1965	180	4 2	109 140	Kgw	580	52	Dec. 1965	S, E 1	P	Cemented to 109 ft. Perforated from 105-135 ft. Drawdown 19 ft pumping 10 gal/min when drilled. <u>1/2</u>
* 705	North Lake Highlands	J. L. Myers Sons	1970	900	5 2	825 866	Kcpa	585	350 413.8	Mar. 24, 1970 Mar. 11, 1976	S, E 3	P	Cemented to 825 ft. Screened from 825-850 ft. Gravel packed. Pump set at 520 ft. <u>1/2</u>
706	do	do	1960	850	4	--	Kcpa	585	412.5	Oct. 20, 1976	S, E 3	P	--
707	Twin Cove Estates	do	1953	783	4	783	Kcpa	602	200	Sept. 12, 1953	S, E	P	Cemented to 120 ft. Perforated from 763-783 ft.
708	do	do	1964	882	6 2	800 870	Kcpa	602	325	Oct. 1964	S, E 7 1/2	P	Cemented to 800 ft. Screened from 800-810; 820-851; and 861-866 ft. Gravel packed. Pump set at 515 ft. Drawdown 60 ft pumping 40 gal/min when drilled. <u>1/2</u>

See footnotes at end of table.

## DENTON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*HW-19-64-709	North Lake Highlands	E. C. Stone Water Well Drilling Co.	1970	830	4	830	Kepa	603	350	Aug. 8, 1970	S, E 5	P	Cemented to bottom. Gun perforated from 791-797 and 808-812 ft. Drawdown 30 ft pumping 12 gal/min when drilled. <u>1</u> <u>2</u>
* 801	U. S. Army Corps of Engineers	Pierce Pump Co.	1963	140	4	--	Kgw	575	54	Mar. 21, 1963	S, E 1	P	Pump set at 90 ft. Reported yield 23 gal/min.
* 802	Flower Mound Municipal Utility District	J. L. Myers Sons	1966	1,546	7	1,546	Kctm	650	450.0 520.0 610.0	June 8, 1966 May 5, 1967 Dec. 10, 1974	S, E 40	P	Cemented to bottom. Gun perforated from 1,400-1,516 ft. Pump set at 806 ft. Reported yield 130 gal/min in 1976. Pumping level 495 ft on June 8, 1966; 590 ft on May 5, 1967; and 731 ft on July 25, 1974. Drawdown 110 ft pumping 140 gal/min on Dec. 10, 1974. <u>1</u> <u>3</u>
* 901	Allen McGee	Jack's Water Well Service	1966	260	4	232	Kgw	562	90.6 98.1	Feb. 25, 1971 Nov. 1, 1976	S, E 1	D	Cemented to 232 ft. Open end completion. Pump set at 200 ft. Drawdown 5 ft pumping 13 gal/min when drilled. <u>1</u> <u>3</u>
* 903	City of Lewisville	J. L. Myers Sons	1955	1,901	13 10 6	1,002 1,743 1,901	Kctm	540	215 263.0	Nov. 1955 Oct. 24, 1956	T, E 100	P	Screened from 1,745-1,896 ft. Underreamed. Reported yield 400 gal/min. Drawdown 60 ft pumping 300 gal/min when drilled. <u>2</u>
* 904	do	do	1962	1,900	13 10 6	1,007 1,744 1,879	Kctm	555	334	Feb. 3, 1962	T, E 150	P	Cemented to 1,744 ft. Screened from 1,750-1,800 and 1,805-1,861 ft. Gravel packed. Drawdown 93 ft pumping 500 gal/min when drilled. <u>1</u> <u>2</u>
* 905	do	Layne-Texas Co.	1971	1,900	13 10 6	1,002 1,680 1,901	Kctm	542	414	Jan. 20, 1972	T, E 150	P	Cemented to 1,680 ft. Screened from 1,690-1,758; 1,773-1,860; and 1,865-1,892 ft. Underreamed. Gravel packed. Drawdown 87 ft pumping 560 gal/min when drilled. <u>1</u> <u>2</u>
* 906	do	do	1972	950	10 6	840 950	Kepa	542	379	Mar. 27, 1972	T, E 60	P	Cemented to 840 ft. Screened from 853-891 and 920-944 ft. Underreamed. Gravel packed. Pump set at 750 ft. Drawdown 313 ft pumping 236 gal/min when drilled. <u>1</u> <u>2</u>
* 907	B. E. Bennett	Madewell Drilling Co.	1975	290	4	265	Kgw	552	89.4	Dec. 2, 1975	S, E 1	D	Cemented to 265 ft. Gravel packed. <u>1</u>
* 908	Roland Cowell	do	1974	301	4	260	Kgw	550	91.5	do	S, E 1	D	Cemented to 260 ft. Gravel packed. <u>1</u>
* 909	A. V. Hall	Boyd Drilling Co.	1970	280	4	150	Kgw	552	--	--	S, E 1	D	--
* 910	E. W. Forsyth	Madewell Drilling Co.	1969	286	4	250	Kgw	552	80	Dec. 2, 1975	S, E	D	Gravel packed. <u>1</u>
* 911	J. P. Wyatt	do	--	287	4	265	Kgw	553	--	--	S, E 1	D	Open hole and gravel packed.
* 912	Ray Fomby	Miller Drilling Co.	--	280	4	--	Kgw	555	91.9	Dec. 2, 1975	S, E	D	--
* 913	Henry Miller	C. M. Stoner	1971	294	4	294	Kgw	559	--	--	S, E 1	D, S	Cemented to bottom. Gun perforated from 261-265 ft.
* 914	Gene Perry	--	1963	300	4	250	Kgw	560	78.6	Dec. 2, 1975	S, E	N	--
* 915	D. C. Degan	Madewell Drilling Co.	1975	310	4	275	Kgw	520	--	--	S, E 1	D	Cemented to 275 ft. Gravel packed. <u>1</u>
* 32-05-304	William Blakley	D. L. Myers	1971	500	5	500	Kepa	825	300 252.6	Oct. 15, 1971 Oct. 25, 1976	S, E 2	S	Cemented to bottom. Gun perforated from 451-455 and 482-486 ft. Pump set at 445 ft. <u>1</u> <u>2</u>

See footnotes at end of table.

## DENTON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
HW-32-06-101	William Blakley	J. L. Myers Sons	1967	700	7 3	923 1,027	Kepa	774	235	Apr. 18, 1967	S, E 20	D, S	Drilled to 1,027 and screened from 923-1,007 but encountered salt water. Plugged back to 700 ft. Gun perforated from 360-490 ft. Pump set at 446 ft. <u>1</u>
07-103	City of Roanoke	Madewell Drilling Co.	1973	1,125	7 3	1,002 1,125	Kctm	655	--	--	S, E 30	P	Cemented to 1,002 ft. Screened. Gravel packed. Pump set at 765 ft. <u>1</u> <u>2</u>
105	do	J. L. Myers Sons	1930	540	13 10	73 540	Kepa	652	216.0 240.0	Aug. 3, 1957 June 23, 1958	S, E 15	P	Cemented to 73 ft. Perforated from 480-520 ft. Pump set at 400 ft. Reported yield 100 gal/min. Drawdown 28 ft pumping 82.5 gal/min on June 23, 1958. <u>1</u>
* 106	do	Winslett and Friday	1935	615	10 8 6 5	67 482 538 615	Kepa	655	115 144 163.0 280.0 370	1941 1944 Aug. 4, 1945 July 1, 1958 July 1963	S, E 15	P	Cemented to 538 ft. Slotted from 538-615 ft. Pump set at 415 ft. Reported yield 60 gal/min.
* 203	Circle T Ranch	J. L. Myers Sons	1972	720	5	720	Kepa	640	475	June 16, 1972	S, E 5	D	Cemented to bottom. Gun perforated from 645-654; 663-666; and 696-698 ft. Pump set at 630 ft. <u>1</u> <u>2</u>
* 204	do	do	1974	780	5	780	Kepa	660	--	--	S, E 5	Ind	--
* 205	Trophy Club Estates	Singer-Layne Texas	1974	1,424	12 6	1,286 1,424	Kctm	650	589 592.0	June 21, 1974 Apr. 1, 1976	T, E 200	P	Cemented to 1,286 ft. Screened from 1,291-1,391 ft. Underreamed. Gravel packed. Measured yield 635 gal/min on Apr. 1, 1976. Drawdown 106 ft pumping 510 gal/min when drilled. Temp. 84°F. <u>1</u> <u>2</u>
* 206	do	do	1974	705	12 8	430 705	Kepa	592	362 424.0	Nov. 12, 1974 Apr. 1, 1976	S, E 40	P	Plugged back from 1,314 ft. Cemented to 430 ft. Screened from 446-480; 510-515; 522-568; 584-596; 612-626; and 640-686 ft. Underreamed. Gravel packed. Measured yield 148 gal/min on Apr. 1, 1976. Drawdown 105 ft pumping 151 gal/min when drilled. Temp. 75°F. <u>1</u> <u>2</u>
207	Messina Mobil Home Park	J. L. Myers Sons	1972	700	7	--	Kepa	630	--	--	S, E	N	Park abandoned. <u>2</u>
302	Linnia Johnson	Ward and Ward Drilling Co.	1969	602	4	602	Kepa	630	--	--	S, E 1 1/2	D	Cemented to bottom. Jet perforated from 570-580 ft. <u>1</u> <u>2</u>
303	W. E. Tucker	do	1971	697	4	697	Kepa	608	420	June 2, 1971	S, E 2	D	Cemented to bottom. Jet perforated from 672-682 ft. Pump set at 588 ft. <u>1</u> <u>2</u>
* 08-109	U. S. Army Corps of Engineers	Pierce Pump Co.	1963	150	4	--	Kgw	570	49.6 52.3	Mar. 22, 1963 Mar. 25, 1963	S, E 1	P	Pump set at 100 ft. Reported yield 21 gal/min.
* 203	do	do	1963	160	4	--	Kgw	570	46.3 44.6	Mar. 22, 1963 Mar. 19, 1963	S, E 1	P	Pumping level 130.6 ft at 15 gal/min when drilled.
* 204	Flower Mound Municipal Utility District	J. L. Myers Sons	1965	1,790	7	1,788	Kctm	628	421.0	July 18, 1966	S, E 40	P	Cemented to 1,788 ft. Plugged at 1,480 ft. Gun perforated from 1,402-1,440 ft. Gravel packed. Pump set at 704 ft. Pumping level 561 ft on July 18, 1966. <u>1</u>
33-01-303	M. E. Moore	Stoner Drilling Co.	1968	1,306	4	1,225	Kepa	500	--	--	S, E 2	D	Cemented to 1,225 ft. <u>1</u>

\* For chemical analyses of water, see Table 4.

1 Drillers' log in files of the Texas Department of Water Resources.2 Geophysical logs in files of the Texas Department of Water Resources.3 For water-level measurements, see Table 3.

# DENTON COUNTY

Table 2.—Selected Oil and Gas Tests

Logs in Texas Department of Water Resources files

Well	Operator	Lease and well	Date drilled	Depth (ft)	Approximate land surface elevation (ft)
HW-18-49-103	Holliman Drilling and J. R. McLean	C. K. Justus No. 1	Sept. 3, 1958	4,791	585
50-401	George Mitchell and Associates, Inc.	Eula B. Smith No. 1	Mar. 31, 1968	7,751	610
19-47-701	James Papadakis	H. C. Barthold No. 1	May 31, 1950	3,866	727
902	H. L. Hunt	W. E. George No. 1	Dec. 4, 1947	3,923	677
48-102	Tom P. Lovell, et al.	John Schertz No. 1	Apr. 5, 1950	1,914	650

# DENTON COUNTY

**Table 3.—Water Levels in Selected Wells**

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HW-18-33-801</b>		<b>Well HW-18-49-101—Continued</b>		<b>Well HW-18-57-901—Continued</b>	
Owner: City of Pilot Point		Nov. 14, 1974	230.5	Nov. 13, 1972	311.5
June 10, 1966	240	Nov. 20, 1975	245.7	Nov. 6, 1973	314.4
June 10, 1966	358 *	Nov. 2, 1976	273.6	Nov. 14, 1974	318.8
May 4, 1967	225	Nov. 16, 1977	264.7	Nov. 20, 1975	337.9
May 4, 1967	295 *	<b>Well HW-18-49-102</b>		Nov. 2, 1976	339.3
Nov. 11, 1971	241.7	Owner: Lincoln Park		<b>Well HW-19-39-801</b>	
Nov. 19, 1974	267.1	Oct. 6, 1970	270.5	Owner: William Stulz	
Nov. 7, 1975	285.7	Feb. 26, 1971	272.4	Oct. 1, 1970	169.1
Nov. 2, 1976	288.8	Nov. 14, 1972	168.8	Feb. 25, 1971	173.3
<b>Well HW-18-41-201</b>		Nov. 6, 1973	168.8	Nov. 8, 1971	177.1
Owner: Dave Strittmatter		Nov. 14, 1974	185.3	Nov. 14, 1972	178.5
Sept. 29, 1970	58.8	Nov. 20, 1975	205.2	Nov. 6, 1973	179.3
Feb. 26, 1971	55.7	Nov. 2, 1976	255.0	Nov. 13, 1974	181.2
Nov. 9, 1971	62.1	Nov. 16, 1977	221.2	Nov. 6, 1975	188.3
Nov. 14, 1972	63.9	<b>Well HW-18-49-801</b>		Nov. 2, 1976	188.0
Nov. 6, 1973	66.1	Owner: H. L. Latham		Nov. 4, 1977	190.6
Nov. 19, 1974	61.2	Oct. 6, 1970	137.4	<b>Well HW-19-46-601</b>	
Nov. 7, 1975	62.1	Feb. 26, 1971	126.5	Owner: Sam Freeman	
Sept. 15, 1976	70.2	Nov. 9, 1971	141.4	Sept. 30, 1970	180.9
Oct. 14, 1976	68.6	Nov. 14, 1972	145.1	Feb. 25, 1971	182.2
Nov. 2, 1976	65.6	Nov. 6, 1973	147.8	Nov. 8, 1971	185.0
Feb. 17, 1977	63.0	Nov. 14, 1974	146.9	Nov. 14, 1972	190.4
July 28, 1977	67.9	Nov. 20, 1975	149.8	Nov. 6, 1973	191.9
Nov. 4, 1977	63.2	Nov. 2, 1976	152.5	Nov. 6, 1975	198.4
<b>Well HW-18-49-101</b>		Nov. 16, 1977	155.1	Nov. 1, 1976	198.1
Owner: E. W. Justin		<b>Well HW-18-57-901</b>		Nov. 4, 1977	200.9
Oct. 6, 1970	190.8	Owner: Brian Hunsaker		<b>Well HW-19-47-201</b>	
Feb. 26, 1971	189.8	Sept. 30, 1970	273.1	Owner: City of Sanger	
Nov. 9, 1971	212.1	Feb. 26, 1971	277.6	Oct. 1, 1970	202.6
Nov. 14, 1972	223.6	Nov. 9, 1971	291.5	Nov. 14, 1972	180.0
Nov. 6, 1973	225.2				

\* Pumping level

# DENTON COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HW-19-47-201—Continued</b>		<b>Well HW-19-48-101—Continued</b>		<b>Well HW-19-56-101—Continued</b>	
Nov. 13, 1974	203.5	Nov. 6, 1975	234.7	June 23, 1956	481
Nov. 2, 1976	228.5	Nov. 2, 1976	239.1	Oct. 24, 1956	451
Nov. 4, 1977	229.2	Nov. 4, 1977	245.5	May 26, 1960	149.5
<b>Well HW-19-47-801</b>		<b>Well HW-19-54-603</b>		<b>Well HW-19-56-102</b>	
Owner: Robert Harrison		Owner: Ponder Water Supply Corporation		Owner: City of Denton	
Sept. 30, 1970	189.5	July 1969	360	Feb. 28, 1949	262
Feb. 25, 1971	196.3	July 23, 1971	434.0	Nov. 28, 1952	454 *
Nov. 14, 1972	230.8	Nov. 10, 1971	415.0	Feb. 20, 1953	280
Nov. 6, 1973	235.0	Nov. 15, 1972	495.0	Feb. 24, 1955	333
Nov. 14, 1974	239.6	Nov. 6, 1973	406.0	May 1957	330
Nov. 6, 1975	243.3	Nov. 6, 1974	385.0	May 1971	150
Nov. 1, 1976	246.7	Dec. 8, 1975	302.0	<b>Well HW-19-56-103</b>	
<b>Well HW-19-47-901</b>		Nov. 1, 1976	335.0	Owner: City of Denton	
Owner: City of Denton		Nov. 30, 1977	400.0	Dec. 1948	330
July 29, 1953	290	<b>Well HW-19-54-901</b>		July 5, 1952	384
Oct. 24, 1956	320	Owner: Charlie Howard		Nov. 28, 1952	352
June 1957	380	Oct. 2, 1970	267.9	May 21, 1955	425
May 26, 1960	189.5	Feb. 25, 1971	272.6	May 30, 1955	415
July 18, 1960	199.0	Nov. 14, 1974	283.7	May 1957	430
July 18, 1960	468.6*	Nov. 12, 1975	314.7	Oct. 1962	181
June 1965	198	Nov. 30, 1977	291.5	May 1971	150
May 1968	201	<b>Well HW-19-55-301</b>		<b>Well HW-19-56-104</b>	
Jan. 1970	211	Owner: City of Denton		Owner: City of Denton	
May 1971	230	Oct. 24, 1956	430	Oct. 24, 1956	592 *
Dec. 10, 1975	287.6	May 10, 1957	390	June 1957	362
Jan. 28, 1977	288.5	May 26, 1960	190.1	May 26, 1960	155.6
<b>Well HW-19-48-101</b>		Oct. 1962	190	July 1960	180
Owner: L. P. Enlow		Jan. 27, 1976	286.1	Oct. 1962	179
Oct. 1, 1970	213.0	Jan. 28, 1977	288.3	June 1965	183
Feb. 25, 1971	211.9	<b>Well HW-19-56-101</b>		May 1968	185
Nov. 8, 1971	215.9	Owner: City of Denton		Jan. 1970	188
Nov. 14, 1972	221.6	Dec. 1, 1948	328.1	May 1971	197
Nov. 6, 1973	225.4	July 10, 1952	455	Nov. 14, 1972	210.2
Nov. 14, 1974	230.7				

\* Pumping level

# DENTON COUNTY

## Table 3.—Water Levels in Selected Wells—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HW-19-56-104—Continued</b>		<b>Well HW-19-63-601</b>		<b>Well HW-19-64-201—Continued</b>	
Nov. 5, 1973	217.4	Owner: Scotch and Soda Water Supply Corporation		Nov. 13, 1972	358.6
Nov. 19, 1974	248.1	Dec. 1967	324	Nov. 6, 1973	363.9
Nov. 18, 1975	242.2	Oct. 5, 1970	356.5	Nov. 12, 1975	379.1
Nov. 2, 1976	255.5	Feb. 25, 1971	360.2	Nov. 1, 1976	403.0
Nov. 29, 1977	256.6	Nov. 9, 1971	378.5	Nov. 30, 1977	482
<b>Well HW-19-61-301</b>		Nov. 13, 1972	405.5	<b>Well HW-19-64-802</b>	
Owner: Walter Miller		Nov. 5, 1973	410.8	Owner: Flower Mound Municipal Utility District	
Oct. 2, 1970	236.2	Nov. 18, 1974	413.8	June 8, 1966	450
Feb. 25, 1971	236.0	Nov. 12, 1975	420.4	June 8, 1966	495 *
Nov. 9, 1971	192.4	Nov. 1, 1976	419.4	May 5, 1967	520
Nov. 13, 1972	194.5	Nov. 4, 1977	429.0	May 5, 1967	590 *
Nov. 5, 1973	194.9	<b>Well HW-19-63-701</b>		July 25, 1974	551
Nov. 12, 1974	196.8	Owner: Byron Nelson		July 25, 1974	731 *
Nov. 12, 1975	205.3	Oct. 5, 1970	347.6	Dec. 10, 1974	610
Nov. 1, 1976	203.9	Feb. 25, 1971	349.0	Dec. 10, 1974	720 *
Nov. 28, 1977	201.1	Nov. 9, 1971	364.8	Dec. 3, 1976	634
<b>Well HW-19-62-203</b>		Nov. 13, 1972	376.4	<b>Well HW-19-64-901</b>	
Owner: City of Justin		Nov. 18, 1974	371.1	Owner: Allen McGee	
Aug. 1963	308	Nov. 12, 1975	378.1	Sept. 10, 1966	95
Aug. 1963	410 *	Nov. 1, 1976	378.9	Oct. 5, 1970	98.9
Oct. 2, 1970	371.2	Nov. 28, 1977	387.0	Feb. 25, 1971	90.6
Feb. 25, 1971	371.0	<b>Well HW-19-64-201</b>		Nov. 9, 1971	96.4
Nov. 15, 1973	410.0	Owner: Highland Village		Nov. 13, 1972	98.7
Nov. 18, 1974	400.3	Aug. 1969	385 *	Nov. 5, 1973	96.0
Dec. 8, 1975	415.0	Oct. 7, 1970	313.9	Nov. 18, 1974	95.4
Nov. 1, 1976	424.3	Feb. 26, 1971	317.0	Nov. 12, 1975	104.2
Nov. 28, 1977	434.4	Nov. 9, 1971	338.6	Nov. 1, 1976	98.1
				Nov. 4, 1977	104.8

\* Pumping level

DENTON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kca, Antlers Formation; Kcpa, Paluxy Formation; Kct, Trinity Group; Kctm, Twin Mountains Formation; Kgw, Woodbine Group.  
 Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids.  
 Analyses by Texas Department of Health.

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (microhmhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HW-18-33-702	Kca	862	July 1, 1953	17	0.0	4	6	196	--	390	107	21	0.3	< 0.4	--	530	35	--	8.5	92	14.4	--
702	Kca	862	Jan. 1, 1956	--	.0	1	1	293	--	627	90	25	1.2	< .4	--	760	7	--	8.8	99	49.5	--
703	Kca	1,514	July 1, 1953	18	.1	4	8	261	--	633	100	25	1.1	< .4	--	680	43	--	8.9	93	17.3	--
703	Kca	1,514	Jan. 1, 1956	--	.0	2	1	205	--	383	101	25	.1	< .4	--	518	9	--	8.9	98	29.5	--
703	Kca	1,514	Nov. 18, 1974	--	.0	2	1	199	--	338	102	18	.4	2.4	--	491	6	900	9.0	98	28.7	5.3
704	Kca	831	Mar. 7, 1939	17	.1	5	3	289	--	640	88	25	.6	.9	--	740	23	--	8.1	96	25.2	--
704	Kca	831	Sept. 1, 1949	17	.1	7	2	310	--	687	92	28	1.1	< .4	--	726	26	--	9.0	96	26.6	--
801	Kca	1,565	Dec. 24, 1965	--	.1	2	1	201	--	342	100	16	.3	< .4	--	513	9	930	9.0	98	28.9	5.4
801	Kca	1,565	July 23, 1971	13	--	2	1	196	--	361	107	14	.4	1.0	--	511	10	814	8.8	98	28.2	5.7
801	Kca	1,565	July 29, 1976	11	--	4	1	206	--	387	108	17	.2	.6	--	538	11	819	8.5	97	23.8	6.0
802	Kgw	298	Mar. 23, 1971	10	1.7	2	3	135	--	305	38	17	.8	< .4	--	357	15	574	8.3	94	14.1	4.6
803	Kgw	130	do	13	8.6	34	14	47	--	178	62	27	.3	< .4	--	294	141	474	7.0	42	1.7	.0
804	Kgw	400	do	1	--	29	7	38	--	84	55	40	.3	< .4	--	212	99	370	8.3	45	1.6	.0
805	Kgw	270	do	11	--	12	5	73	--	211	22	12	.4	< .4	--	239	49	389	7.4	76	4.4	2.4
807	Kca	1,559	Apr. 19, 1973	--	.1	2	1	208	--	313	100	20	.1	.0	--	485	8	730	9.0	98	30.0	4.9
808	Kgw	300	Aug. 12, 1976	17	5.9	44	15	52	--	172	84	39	.5	< .4	--	342	171	540	8.3	40	1.7	.0
809	Kgw	280	Aug. 5, 1976	13	1.6	9	2	98	2.0	199	52	20	.3	< .4	0.3	296	32	469	8.5	86	7.6	2.6
902	Kgw	180	Mar. 22, 1971	15	.0	3	1	149	--	279	66	34	.4	< .4	--	406	13	652	7.7	96	19.0	4.3
903	Kgw	285	Mar. 23, 1971	17	2.1	4	2	158	--	293	70	35	.4	< .4	--	433	18	678	7.9	95	16.1	4.4
904	Kgw	204	Mar. 22, 1971	10	.0	4	3	409	--	610	384	23	2.0	< .4	--	1,135	22	1,670	8.3	98	37.6	9.5
41-201	Kgw	210	Aug. 6, 1976	12	--	33	5	86	--	226	69	28	.4	< .4	--	344	103	563	7.4	64	3.6	1.6
202	Kgw	20	Mar. 23, 1971	19	2.6	85	12	147	--	378	79	134	.9	6.0	--	671	262	1,073	7.5	55	3.9	.9
203	Kgw	125	Mar. 24, 1971	12	.6	8	4	120	--	273	49	20	.6	< .4	--	348	37	560	7.6	88	8.6	3.7
204	Kctm	1,609	Dec. 17, 1966	--	.2	1	2	204	1.0	261	102	20	.2	2.5	--	482	8	--	8.7	97	27.1	4.0
204	Kctm	1,609	Aug. 1, 1968	--	.0	2	1	200	--	346	112	18	.4	.5	--	680	8	--	8.9	98	28.8	5.4
205	Kgw	288	Aug. 4, 1976	16	3.1	77	26	60	--	245	136	66	.4	< .4	.3	505	300	794	8.4	30	1.5	.0
301	Kgw	102	Mar. 24, 1971	10	--	12	7	418	--	600	415	46	2.3	< .4	--	1,205	60	1,770	8.4	94	23.7	8.6
302	Kgw	300	Mar. 23, 1971	13	--	10	2	114	--	244	52	21	.5	1.5	--	333	34	524	8.0	88	8.6	3.3
401	Kcpa	808	Dec. 28, 1938	15	.4	4	3	287	--	579	123	28	.4	3.1	--	752	22	--	8.9	96	26.4	--
401	Kcpa	808	Jan. 1, 1941	14	.1	4	1	304	--	602	125	36	.9	< .4	--	719	14	--	10.4	98	35.2	--



## DENTON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HW-18-41-401	Kcpa	808	Feb. 24, 1944	12	--	2	1	289	6.9	579	126	25	0.9	2.2	--	749	8	1,300	8.4	97	41.6	9.3
402	Kcpa	915	May 27, 1960	13	--	1	0	275	.8	536	104	22	.9	.2	3.0	683	4	1,140	8.4	99	75.7	8.7
403	Kcpa	855	Aug. 1, 1953	19	0.6	4	2	279	--	566	116	28	.8	< .4	--	738	18	--	8.4	97	28.4	--
403	Kcpa	855	Oct. 1, 1959	--	.1	2	1	272	--	550	120	23	.9	< .4	--	720	5	1,200	9.0	98	39.2	--
403	Kcpa	855	June 1, 1966	--	.0	1	0	266	--	498	108	20	.9	< .4	--	671	4	1,224	9.0	99	73.2	8.1
403	Kcpa	855	Mar. 9, 1976	12	--	1	1	260	--	487	88	20	.8	< .4	--	622	4	1,054	8.8	99	44.0	7.8
404	Kctm	1,548	Apr. 22, 1967	--	.1	1	2	200	1.0	261	114	11	.3	.2	--	573	6	--	9.2	97	26.5	4.0
404	Kctm	1,548	Apr. 1, 1968	--	.0	2	1	213	--	--	116	20	.3	< .4	--	710	7	--	9.1	98	30.7	--
404	Kctm	1,548	June 25, 1973	--	--	2	1	209	--	333	126	21	.5	2.3	--	720	9	966	9.0	98	30.1	5.2
404	Kctm	1,548	May 20, 1975	7	.0	2	1	208	--	346	127	19	.4	2.7	--	537	6	973	8.9	98	30.0	5.4
501	Kgw	291	Aug. 13, 1976	14	--	39	12	44	--	144	77	31	.3	3.1	--	291	147	477	8.2	39	1.5	.0
701	Kctm	1,520	June 1, 1972	--	--	1	1	204	--	323	107	15	.3	< .4	--	521	9	--	9.1	98	34.5	5.1
701	Kctm	1,520	June 25, 1973	--	.0	2	1	205	--	333	108	19	.4	< .4	--	526	9	930	9.1	98	29.5	5.2
702	Kctm	1,534	Dec. 17, 1966	--	--	2	1	172	1.0	273	72	20	.1	.3	--	470	9	--	8.7	97	24.8	4.2
702	Kctm	1,534	Mar. 9, 1976	14	--	2	1	198	--	329	95	19	.3	< .4	--	491	6	847	8.9	98	28.5	5.2
703	Kcpa	906	Mar. 14, 1966	--	.0	4	17	247	.8	372	150	21	1.0	2.0	--	715	79	--	8.7	87	12.0	4.4
704	Kctm	1,500	June 5, 1969	--	.0	1	2	221	1.0	318	114	16	.5	5.2	--	540	1	--	9.2	98	29.3	4.9
704	Kctm	1,500	Mar. 9, 1976	13	--	2	1	200	--	348	88	16	.3	1.4	--	492	6	844	8.8	98	28.8	5.5
49-101	Kcpa	915	Feb. 26, 1971	13	--	1	1	258	--	497	97	17	.9	2.0	--	634	10	1,024	8.9	99	43.6	8.0
102	Kctm	1,542	do	15	--	1	1	233	--	421	95	20	.8	1.5	--	574	9	935	8.9	99	39.4	6.7
102	Kctm	1,542	July 29, 1976	11	--	4	1	420	--	670	206	110	3.4	< .4	--	1,085	12	1,700	8.4	98	48.6	10.6
401	Kcpa	940	do	12	--	2	1	261	--	550	96	19	1.0	.7	--	663	5	1,011	8.3	98	37.6	8.8
504	Kgw	368	Aug. 5, 1977	16	--	19	5	198	--	195	244	55	.3	3.9	--	637	70	1,000	7.7	86	10.4	1.8
505	Kgw	285	do	16	--	13	4	220	--	207	281	58	.3	< .4	--	694	51	1,080	8.3	91	13.6	2.4
602	Kgw	570	Nov. 18, 1976	11	--	3	1	600	--	760	288	256	2.4	< .4	--	1,535	14	2,400	8.7	99	76.6	12.2
701	Kgw	364	May 10, 1961	9	--	0	0	231	--	448	61	21	1.5	.2	--	543	2	931	8.5	100	--	7.3
703	Kgw	--	Mar. 9, 1977	--	.2	1	1	263	--	540	60	24	2.8	< .4	--	632	2	1,104	8.7	99	44.5	8.7
704	Kgw	365	May 4, 1973	--	--	1	1	322	--	590	125	43	3.2	< .4	--	806	8	1,430	8.7	99	54.5	9.5
705	Kcpa	1,022	Oct. 13, 1976	13	--	1	1	258	--	510	81	18	1.2	3.0	--	626	6	1,044	8.9	99	43.6	8.2
801	Kgw	420	Feb. 26, 1971	10	--	2	2	250	--	486	73	32	2.1	< .4	--	610	13	989	8.8	98	29.9	7.7
801	Kgw	420	Nov. 9, 1971	10	--	2	2	250	--	510	77	32	2.3	< .4	--	626	12	990	8.4	98	29.9	8.0
801	Kgw	420	July 29, 1976	10	.1	3	1	256	--	510	81	32	2.3	< .4	--	636	8	1,005	8.5	98	32.7	8.1
807	Kgw	402	Apr. 7, 1976	--	.4	1	1	216	--	445	56	20	1.6	1.8	--	518	3	945	8.7	99	36.5	7.1

## DENTON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HW-18-49-807	Kgw	402	Oct. 12, 1976	6	0.2	1	1	216	--	440	53	26	1.6	< 0.4	--	521	4	884	8.8	99	36.5	7.0
808	Kgw	200	Apr. 7, 1976	0	2.2	2	1	320	--	590	92	45	3.6	2.4	--	758	4	1,419	9.0	99	46.1	9.4
901	Kgw	275	Mar. 26, 1971	10	--	6	2	710	--	750	408	370	3.4	3.3	--	1,881	23	2,820	8.0	98	64.1	11.8
903	Kgw	380	Nov. 18, 1976	12	--	1	1	214	--	428	67	28	1.5	< .4	--	535	2	852	8.6	99	36.2	6.8
904	Kgw	380	do	11	--	1	1	204	--	426	54	21	1.4	1.1	--	503	7	812	8.7	98	34.5	6.8
905	Kgw	227	do	11	--	1	1	433	--	780	114	117	1.2	< .4	--	1,062	7	1,640	8.6	99	73.2	12.6
57-202	Kgw	404	Apr. 7, 1976	--	.7	2	1	351	--	580	163	73	2.4	3.0	--	881	5	1,595	8.7	99	50.6	9.3
302	Kcpa	1,375	Jan. 29, 1975	--	--	2	1	256	--	510	99	18	1.3	3.2	--	647	6	1,152	8.7	98	36.9	8.1
303	Kgw	596	do	--	--	2	1	381	--	590	203	88	2.7	.8	--	602	6	1,760	8.7	99	54.9	9.4
305	Kctm	2,329	Apr. 21, 1976	11	--	4	1	404	--	357	98	321	.5	.9	--	1,016	14	1,940	8.4	98	46.8	5.5
401	Kctm	1,870	Mar. 1, 1953	23	.2	14	4	438	--	397	257	291	1.2	< .4	--	1,270	52	--	8.1	95	26.5	--
401	Kctm	1,870	Jan. 6, 1975	--	1.4	6	1	405	--	388	125	325	.8	2.7	--	1,057	21	2,093	8.3	98	40.3	5.9
402	Kcpa	1,070	Feb. 28, 1938	15	.1	3	3	240	--	--	97	21	.3	2.7	--	610	18	--	9.0	96	23.4	--
402	Kcpa	1,070	Feb. 29, 1944	14	--	3	1	239	8.7	502	97	16	.7	2.0	--	628	9	998	8.4	96	30.5	7.9
402	Kcpa	1,070	Mar. 1, 1953	13	.1	4	2	243	--	493	107	21	.6	< .4	--	620	12	--	8.7	97	24.7	--
402	Kcpa	1,070	Jan. 6, 1975	--	.9	7	6	770	--	790	494	399	3.9	7.0	--	2,076	42	3,770	8.2	98	51.6	12.1
403	Kctm	1,912	do	--	.0	4	1	361	--	367	93	300	.5	2.9	--	942	13	1,823	8.3	98	41.8	5.7
404	Kctm	1,900	do	--	.0	4	1	390	--	357	95	346	.7	3.3	--	1,015	14	2,025	8.3	98	45.2	5.5
505	Kgw	363	Apr. 7, 1976	--	3.7	3	2	446	--	600	158	145	3.3	.7	--	1,057	15	2,039	9.1	98	48.9	9.5
506	Kgw	335	do	--	.6	3	1	461	--	660	181	160	3.1	2.8	--	1,137	11	2,080	8.7	99	58.8	10.5
601	Kcpa	1,432	Aug. 13, 1974	13	.1	2	0	272	--	503	111	16	1.3	.6	--	663	4	1,080	8.5	99	52.9	8.1
602	Kctm	2,409	Nov. 20, 1974	14	.1	4	1	394	--	332	90	335	.6	.7	--	1,002	14	1,870	8.3	98	45.6	5.1
602	Kctm	2,409	July 29, 1976	16	--	13	1	403	--	384	85	343	.5	< .4	--	1,050	34	1,750	7.2	96	29.0	5.5
603	Kgw	530	do	13	.1	4	1	239	--	443	106	20	.8	.9	--	602	12	951	8.6	97	27.7	6.9
901	Kcpa	1,308	Feb. 26, 1971	14	--	1	1	247	--	468	110	15	.8	< .4	--	619	9	985	8.7	99	41.8	7.5
901	Kcpa	1,308	July 29, 1976	14	--	2	1	255	--	467	114	16	.8	2.4	--	634	6	988	8.7	98	36.7	7.4
58-702	Kcpa	1,594	Aug. 27, 1971	--	--	2	1	242	--	471	104	13	.9	1.5	--	613	10	1,080	8.8	98	34.9	7.5
19-39-801	Kca	360	Feb. 25, 1971	12	--	1	1	233	--	454	52	12	.6	2.0	--	536	9	898	9.2	99	39.4	7.3
801	Kca	360	Nov. 8, 1971	12	--	1	2	229	--	472	51	12	.6	1.5	--	541	11	916	9.0	98	30.4	7.5
801	Kca	360	July 29, 1976	13	--	2	1	231	--	487	50	14	.6	1.5	--	552	5	918	9.0	98	33.3	7.7
46-101	Kca	415	May 5, 1961	12	--	0	0	185	--	355	52	10	1.5	.2	--	435	2	750	8.7	100	--	5.8
801	Kctm	900	Nov. 7, 1974	--	.1	3	0	170	--	307	46	14	.3	.0	--	420	9	620	8.7	98	27.0	4.8
47-102	Kca	852	Nov. 9, 1970	--	.1	6	2	209	--	234	46	67	.2	4.0	--	535	24	720	9.3	95	18.8	3.3

DENTON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HW-19-47-102	Kca	852	Mar. 24, 1975	--	--	1	1	172	--	350	39	6	0.2	< 0.4	--	420	5	780	9.1	98	29.1	5.6
103	Kca	760	Mar. 16, 1976	12	--	1	1	209	--	354	90	12	.3	1.9	--	501	4	883	9.1	98	35.3	5.6
201	Kca	968	July 29, 1976	12	--	2	1	181	--	354	46	10	.1	< .4	--	426	5	724	9.1	98	26.1	5.6
205	Kca	1,035	July 16, 1971	--	0.6	3	3	235	--	315	143	2	.4	--	--	573	21	1,160	9.1	96	22.9	4.7
206	Kca	597	May 27, 1960	12	--	1	0	253	0.7	502	76	12	.6	.2	--	602	4	1,030	8.5	99	69.6	8.1
702	Kctm	981	Aug. 1, 1953	22	.5	4	1	191	--	402	70	18	.2	< .4	--	520	14	--	8.7	97	22.1	--
702	Kctm	981	May 12, 1960	12	--	0	0	179	.5	354	58	14	.1	.0	--	437	6	751	8.6	100	--	5.8
702	Kctm	981	Sept. 2, 1966	--	--	2	0	181	--	387	61	18	.2	< .4	--	453	5	825	9.0	99	35.2	6.2
702	Kctm	981	Aug. 7, 1973	--	--	1	1	178	--	346	56	12	.3	2.1	--	439	4	792	9.0	98	30.1	5.5
703	Kcpa	436	July 1, 1949	17	.3	5	2	229	--	553	43	14	.1	< .4	--	530	21	--	9.3	96	21.8	--
704	Kcpa	420	do	23	.3	4	2	278	--	595	78	36	.7	< .4	--	674	18	--	9.2	97	28.3	--
705	Kctm	922	Sept. 20, 1974	--	--	1	3	174	--	367	55	12	.6	1.7	--	428	16	786	8.6	96	19.6	5.7
801	Kcpa	615	Nov. 14, 1972	10	--	1	1	242	--	500	72	11	.8	< .4	--	584	9	945	8.9	99	40.9	8.0
801	Kcpa	615	Aug. 2, 1976	11	--	3	1	244	--	540	72	9	.7	1.4	--	607	7	960	8.6	98	31.1	8.6
903	Kctm	1,106	Aug. 11, 1972	--	.1	2	1	178	--	288	59	14	.1	.0	--	395	8	610	9.0	98	25.6	4.5
903	Kctm	1,106	Dec. 16, 1975	--	.0	1	1	178	--	346	55	10	.2	2.1	--	417	6	810	9.0	98	30.1	5.5
904	Kctm	1,061	Aug. 11, 1972	--	.2	2	1	179	--	300	50	14	.0	.0	--	393	8	610	8.9	98	25.8	4.7
48-103	Kctm	1,283	July 29, 1976	10	--	6	1	277	--	373	38	190	.2	2.3	--	707	18	1,174	8.2	97	27.5	5.7
301	Kctm	1,352	Oct. 12, 1976	14	--	1	1	206	--	368	95	15	.2	1.6	--	514	5	843	8.9	98	34.8	5.8
54-601	Kcpa	447	Feb. 28, 1944	12	--	2	1	195	2.6	457	47	7	.2	1.8	--	493	8	847	8.6	97	28.1	7.3
603	Kctm	980	July 23, 1971	12	--	4	2	178	--	318	68	51	.2	1.0	--	472	18	765	8.6	96	18.1	4.8
603	Kctm	980	Aug. 2, 1976	12	--	7	1	184	--	337	68	59	.2	< .4	--	497	19	812	8.0	95	17.2	5.0
901	Kcpa	450	Feb. 25, 1971	13	--	2	1	198	--	403	38	8	.3	< .4	--	458	7	780	9.1	98	28.5	6.4
901	Kcpa	450	Aug. 2, 1976	12	--	3	1	206	--	414	49	7	.2	2.2	--	483	7	792	9.0	97	26.3	6.5
55-201	Kcpa	593	Apr. 13, 1976	13	--	1	1	212	--	426	53	10	.4	2.5	--	502	3	855	9.1	98	35.8	6.8
301	Kctm	1,148	Dec. 3, 1948	10	--	2	0	187	--	294	102	23	--	1.2	0.4	470	8	804	--	99	36.4	4.7
301	Kctm	1,148	Dec. 1, 1953	38	.7	7	6	185	--	--	109	32	.3	< .4	--	555	42	--	8.7	90	12.3	--
301	Kctm	1,148	Aug. 6, 1976	11	--	4	1	180	1.0	354	93	19	.2	< .4	--	483	11	764	8.3	96	20.8	5.5
302	Kct	1,027	Dec. 1, 1953	27	.2	8	12	205	--	--	63	18	.6	< .4	--	561	70	--	8.9	86	10.7	--
303	Kctm	1,160	Feb. 26, 1944	13	--	2	0	226	5.8	311	114	30	.5	1.8	--	546	7	968	8.2	98	44.0	4.9
303	Kctm	1,160	Dec. 3, 1948	13	--	2	1	226	--	336	121	33	--	3.0	.4	564	10	956	--	98	32.5	5.3
303	Kctm	1,160	Dec. 1, 1953	19	.1	6	11	211	--	--	124	32	.5	< .4	--	591	60	--	8.7	88	11.8	--
303	Kctm	1,160	Aug. 1, 1959	--	.0	2	1	210	--	--	104	33	.2	< .4	--	535	6	995	9.1	98	30.2	--

## DENTON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HW-19-55-304	Kctm	1,134	Dec. 3, 1948	12	--	2	1	235	--	390	106	23	--	1.2	0.4	572	11	989	--	98	33.8	6.2
304	Kctm	1,134	Dec. 1, 1953	17	0.0	8	2	233	--	--	111	28	0.2	1.3	--	594	28	--	8.8	95	19.0	--
305	Kctm	1,132	Feb. 28, 1944	16	.0	2	1	193	3.4	379	93	18	.1	.0	--	512	9	830	7.9	97	27.8	6.0
305	Kctm	1,132	Mar. 26, 1952	21	--	1	0	193	1.6	339	90	21	.3	.0	.3	494	7	830	8.6	97	53.1	5.5
305	Kctm	1,132	Dec. 1, 1953	19	.1	6	8	178	--	--	101	32	.2	< .4	--	545	48	--	8.6	89	11.1	--
306	Kctm	1,156	June 22, 1931	17	--	34	0	589	--	244	41	805	--	--	--	1,605	--	--	--	94	27.8	2.3
307	Kctm	1,142	Feb. 28, 1944	13	.0	2	2	227	5.3	445	106	26	.5	.0	--	600	14	--	8.3	96	27.1	7.0
308	Kctm	1,140	do	16	.0	2	0	231	5.4	433	110	30	.5	1.8	--	609	6	--	8.2	98	45.0	6.9
310	Kctm-Kcpa	1,009	Dec. 1, 1953	25	.5	3	4	261	--	--	83	18	1.0	< .4	--	680	24	--	8.8	96	23.2	--
501	Kctm	978	Dec. 2, 1948	9	--	0	0	223	--	304	115	34	--	1.8	.3	532	4	948	--	100	--	4.9
501	Kctm	978	Dec. 1, 1953	18	4.2	4	3	217	--	--	119	39	.3	< .4	--	592	23	--	9.0	95	19.9	--
501	Kctm	978	Jan. 27, 1976	11	--	4	1	227	--	345	118	40	.5	< .4	--	571	10	958	9.2	97	26.3	5.3
601	Kcpa	774	May 12, 1960	13	--	0	0	222	--	416	55	14	.4	.0	--	510	4	900	8.6	100	--	6.8
602	Kcpa	753	do	12	--	0	0	223	--	441	54	14	.4	.0	--	520	4	900	8.7	100	--	7.2
606	Kctm	1,170	Aug. 4, 1976	13	--	3	1	228	1.0	489	72	15	.6	< .4	.6	575	9	903	8.6	97	29.1	7.7
801	Kcpa	591	Apr. 6, 1976	13	--	2	1	197	--	399	44	10	.3	1.8	--	465	5	805	9.1	98	28.4	6.3
56-101	Kctm	1,214	Dec. 1, 1953	35	.7	1	3	222	--	--	128	28	.5	< .4	--	640	15	--	8.7	97	25.0	--
102	Kctm	1,212	Dec. 3, 1948	12	--	0	0	229	--	314	130	28	--	1.8	.5	555	5	954	--	100	--	5.1
102	Kctm	1,212	Dec. 1, 1953	14	.1	2	7	208	--	--	130	36	.6	< .4	--	614	34	--	8.9	93	15.5	--
103	Kctm	1,202	Dec. 1, 1948	12	--	1	0	193	--	278	106	22	.2	--	1.0	471	8	837	--	99	53.1	4.5
103	Kctm	1,202	Dec. 1, 1953	7	8.8	3	7	213	--	--	130	32	.4	< .4	--	584	37	--	8.9	93	15.3	--
104	Kct	1,200	Apr. 27, 1953	12	.3	3	1	220	--	398	87	20	--	--	--	538	12	--	--	98	28.1	6.2
104	Kct	1,200	Dec. 1, 1953	19	.8	6	9	225	--	--	92	18	.7	.4	--	622	52	--	8.8	90	13.5	--
104	Kct	1,200	July 23, 1971	12	--	2	2	196	--	387	89	14	.6	< .4	--	506	13	805	8.8	97	23.4	6.0
104	Kct	1,200	Dec. 12, 1974	--	.2	2	1	277	--	570	88	19	1.9	25.0	--	694	8	1,215	8.8	98	39.9	9.1
201	Kcpa	725	Apr. 14, 1975	--	--	1	1	262	--	520	78	17	1.1	1.9	--	618	5	1,200	8.9	99	44.3	8.3
201	Kcpa	725	Apr. 14, 1976	12	--	2	1	260	--	510	83	16	1.0	< .4	--	626	4	1,040	9.0	98	37.5	8.1
402	Kcpa	765	July 23, 1971	11	--	3	1	253	--	560	80	12	1.1	< .4	--	636	12	994	8.6	98	32.3	8.9
402	Kcpa	765	Aug. 6, 1976	11	--	3	1	264	--	550	84	13	1.0	1.3	--	648	7	1,032	8.7	98	33.7	8.7
502	Kcpa	782	Oct. 14, 1976	14	--	1	1	249	--	494	91	18	.8	2.4	--	620	4	987	8.7	99	42.1	7.9
505	Kctm	1,289	May 19, 1976	--	.1	1	0	266	--	422	107	27	1.2	.0	--	609	4	950	8.7	99	73.2	6.8
601	Kcpa	792	Oct. 18, 1976	13	--	1	1	269	--	530	84	19	1.4	2.0	--	651	5	1,065	8.9	99	45.5	8.5
602	Kgw	60	Aug. 4, 1977	22	--	100	5	29	--	334	28	23	.3	1.9	--	373	270	602	7.7	19	.7	.0

## DENTON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HW-19-56-701	Kctm	1,200	Mar. 11, 1976	14	0.1	2	1	239	0.1	423	102	31	0.8	< 0.4	--	598	5	988	8.7	98	34.4	6.7
703	Kcpa	685	Nov. 11, 1976	--	.1	2	1	221	--	414	68	17	.5	< .4	--	550	7	994	9.2	98	31.8	6.6
901	Kcpa	813	Jan. 28, 1976	11	--	1	1	250	--	466	92	17	.9	2.3	--	604	6	1,012	9.0	99	42.3	7.5
903	Kcpa	892	Oct. 21, 1976	12	--	1	1	266	--	530	83	17	1.2	< .4	--	642	5	1,046	8.9	99	45.0	8.5
61-301	Kcpa	415	Feb. 25, 1971	16	--	55	18	42	--	322	28	9	.1	2.5	--	328	214	540	7.4	30	1.2	1.0
301	Kcpa	415	Aug. 2, 1976	18	--	58	16	44	--	312	36	9	.1	.8	--	335	212	544	8.0	31	1.3	.9
62-202	Kctm	1,020	Sept. 1, 1957	--	.0	2	1	300	--	600	80	70	2.0	1.8	--	744	9	1,200	8.3	99	43.2	--
202	Kctm	1,020	May 12, 1960	12	--	1	1	314	.8	566	90	92	1.7	1.5	--	792	9	1,310	8.2	99	53.1	9.1
203	Kctm	1,003	Mar. 10, 1967	--	--	1	2	301	--	560	96	62	1.9	< .4	--	757	11	1,360	8.7	98	40.0	8.9
203	Kctm	1,003	Oct. 18, 1973	--	--	2	1	319	--	423	66	186	.5	2.7	--	800	8	1,529	8.7	99	46.0	6.7
204	Kctm	1,045	Oct. 16, 1971	--	.1	2	1	310	--	461	70	105	1.1	.5	--	716	8	1,150	8.6	99	44.7	7.3
204	Kctm	1,045	Feb. 24, 1976	12	--	2	1	319	.1	437	59	193	.3	1.0	--	802	9	1,350	8.5	99	46.0	6.9
204	Kctm	1,045	Aug. 2, 1976	13	--	3	1	327	--	423	63	190	.3	< .4	--	805	9	1,360	8.8	98	41.7	6.7
801	Kcpa	430	June 28, 1977	12	--	1	1	198	--	404	37	8	.3	1.4	--	457	4	764	9.0	98	33.5	6.4
802	Kcpa	450	May 26, 1968	--	.1	2	1	197	--	322	39	12	.5	1.4	--	411	6	710	9.1	98	28.4	5.0
63-201	Kcpa	607	Feb. 28, 1944	14	--	2	0	206	7.2	461	62	14	.1	1.2	--	533	6	875	8.4	97	40.1	7.4
201	Kcpa	607	Jan. 29, 1976	14	--	2	1	206	--	432	53	14	.3	< .4	--	503	5	815	8.7	98	29.7	6.8
202	Kctm	1,144	June 18, 1963	--	.4	3	0	238	--	411	94	24	.5	< .4	--	562	6	1,080	9.1	98	37.8	6.5
202	Kctm	1,144	Sept. 5, 1974	--	--	1	1	242	--	412	80	32	.8	1.2	--	592	9	1,072	9.0	99	40.9	6.6
203	Kctm	1,133	June 29, 1967	--	--	1	9	226	1.0	332	76	22	1.2	< .4	--	499	42	--	9.3	92	15.6	4.6
204	Kctm	1,124	July 27, 1976	--	--	2	0	273	--	480	89	28	1.5	.0	--	629	6	1,000	8.7	99	53.1	7.7
302	Kctm	1,168	July 1, 1971	--	--	3	1	320	1.0	394	132	80	--	.2	--	731	6	--	8.8	98	40.8	6.2
302	Kctm	1,168	Jan. 29, 1976	13	--	1	1	239	--	423	88	29	.8	< .4	--	580	4	984	9.0	99	40.4	6.8
601	Kcpa	856	Aug. 2, 1976	12	--	3	1	255	--	550	81	11	1.4	2.1	--	636	10	1,016	8.7	98	32.5	8.7
602	Kctm	1,332	June 15, 1976	--	--	3	1	263	--	520	75	28	1.6	.9	--	647	8	1,160	8.8	98	33.5	8.2
603	Kctm	1,492	June 28, 1977	13	--	2	1	254	--	530	79	27	1.6	< .4	--	638	9	999	8.3	98	36.6	8.5
701	Kcpa	626	Nov. 9, 1971	13	--	1	2	196	--	420	31	7	.3	1.5	--	458	12	785	9.0	98	26.0	6.6
701	Kcpa	626	Aug. 2, 1976	13	--	4	1	207	--	490	33	5	.3	1.4	--	505	10	797	8.5	97	23.9	7.7
801	Kcpa	600	June 5, 1974	--	.0	1	1	220	--	450	58	10	.7	2.9	--	514	3	973	7.1	99	37.2	7.2
802	Kcpa	650	Apr. 6, 1976	14	--	1	1	197	--	411	30	9	.4	2.0	--	456	3	791	9.2	98	33.3	6.6
901	Kctm	1,331	Sept. 4, 1973	--	.2	3	1	267	--	454	113	30	1.5	.0	--	638	12	950	8.6	98	34.1	7.2
904	Kcpa	746	Oct. 22, 1976	--	--	1	1	240	--	478	71	13	1.1	2.0	--	596	8	1,048	8.9	99	40.6	7.7
64-101	Kgw	200	Mar. 23, 1976	12	--	22	7	139	--	173	119	83	.1	4.5	--	471	84	795	7.3	78	6.6	1.1

## DENTON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (microhmhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HW-19-64-102	Kgw	35	Mar. 23, 1976	20	--	146	36	324	--	109	319	433	0.8	191.0	--	1,523	510	2,500	6.6	58	6.2	0.0
103	Kgw	60	do	16	--	23	4	15	--	77	28	12	.3	5.4	--	141	75	220	6.8	31	.7	.0
104	Kgw	150	Mar. 24, 1976	5	--	10	1	132	--	296	17	38	.6	.5	--	349	29	595	8.2	91	10.6	4.2
105	Kcpa	802	do	13	--	1	1	218	--	416	60	15	.5	< .4	--	513	4	902	9.1	99	36.8	6.6
201	Kctm	1,748	Aug. 28, 1969	--	0.2	2	1	331	--	337	99	213	.2	1.0	--	813	8	1,300	8.8	99	47.7	5.3
203	Kcpa	917	Aug. 3, 1965	--	--	4	1	242	--	432	96	24	.5	< .4	--	606	12	1,070	8.9	97	28.0	6.7
205	Kgw	235	Apr. 8, 1976	--	2.2	3	1	169	--	250	93	48	.2	3.5	--	443	8	810	7.7	97	21.5	3.8
206	Kgw	183	Apr. 7, 1976	--	6.4	56	17	64	--	167	57	112	.3	< .4	--	397	213	804	7.7	40	1.9	.0
207	Kcpa	758	Mar. 13, 1977	--	--	1	1	240	--	425	90	16	.7	< .4	--	590	6	1,040	9.1	99	40.6	6.8
301	Kcpa	870	May 31, 1960	14	--	1	0	240	0.1	456	83	15	.6	.8	--	578	2	984	8.5	99	66.1	7.4
302	Kgw	235	June 16, 1970	9	--	2	2	289	.1	590	90	34	3.4	< .4	--	720	14	1,141	8.5	98	34.5	9.4
304	Kcpa	978	Feb. 23, 1966	--	.6	1	2	246	1.6	440	91	17	--	--	--	575	10	--	9.0	98	32.6	6.9
304	Kcpa	978	May 1, 1972	--	--	1	2	235	--	497	79	15	.9	< .4	--	830	9	--	9.0	98	31.2	7.9
305	Kctm	1,524	Jan. 28, 1976	13	--	1	1	277	--	540	92	24	1.7	< .4	--	675	4	1,115	8.9	99	46.8	8.7
306	Kgw	308	June 17, 1974	6	.2	2	1	321	--	494	148	64	2.5	3.0	--	790	6	1,126	8.4	99	46.2	7.9
306	Kgw	308	Jan. 28, 1976	9	--	1	1	275	--	500	115	44	2.5	1.7	--	695	6	1,110	8.5	99	46.5	8.0
307	Kcpa	960	do	8	--	1	1	276	--	550	65	15	1.7	< .4	--	638	6	1,075	--	99	46.7	8.8
308	Kctm	1,770	Mar. 26, 1975	--	.3	2	1	308	--	337	91	170	.3	.0	--	738	10	1,300	8.7	99	44.4	5.3
310	Kgw	144	Apr. 8, 1976	--	11.5	62	13	67	--	176	156	36	.4	< .4	--	433	207	798	7.1	41	2.0	.0
311	Kgw	215	do	--	.2	7	1	359	--	570	226	69	2.3	< .4	--	945	23	1,705	8.3	97	33.6	8.9
314	Kgw	278	do	--	.5	7	2	790	--	800	510	376	2.8	6.0	--	2,088	24	3,844	8.2	98	67.8	12.5
315	Kgw	221	Aug. 3, 1972	--	.0	23	13	230	--	380	169	66	1.9	1.8	--	691	110	1,324	8.2	82	9.5	4.0
315	Kgw	221	Apr. 8, 1976	--	.5	6	1	266	--	530	93	44	2.2	.8	--	674	18	1,215	8.1	97	26.4	8.3
315	Kgw	221	Oct. 28, 1976	9	1.1	6	3	810	--	790	530	378	2.9	5.0	--	2,133	26	3,170	8.5	98	67.4	12.4
401	Kcpa	883	Oct. 9, 1964	--	--	2	1	225	1.0	356	70	22	.0	.0	--	496	10	--	8.8	98	32.4	5.6
401	Kcpa	883	Aug. 1, 1970	--	.0	2	1	211	--	439	63	13	.6	< .4	--	730	8	--	9.1	98	30.4	7.0
401	Kcpa	883	Aug. 8, 1975	--	--	1	1	216	--	409	67	15	.6	2.8	--	539	4	980	9.1	99	36.5	6.5
402	Kctm	1,353	June 15, 1976	--	--	3	1	262	--	510	81	22	1.6	< .4	--	653	7	1,160	8.9	98	33.4	8.1
403	Kcpa	747	Aug. 8, 1962	18	.3	5	1	219	--	293	60	21	--	--	--	468	16	898	9.3	97	23.3	4.4
501	Kctm	1,380	June 15, 1976	--	--	3	1	269	--	530	79	23	1.7	< .4	--	661	9	1,161	8.9	98	34.3	8.4
502	Kctm	1,747	Oct. 31, 1973	--	.4	4	2	405	--	320	86	370	.5	.2	--	1,025	18	1,600	8.3	98	41.2	4.8
602	Kgw	255	June 16, 1970	10	--	25	11	141	.1	271	148	29	.6	< .4	--	498	108	795	7.6	74	5.9	2.2
603	Kgw	40	do	33	--	269	101	165	1.3	222	356	492	.9	294.0	--	1,821	1,090	2,590	7.2	25	2.1	.0

## DENTON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

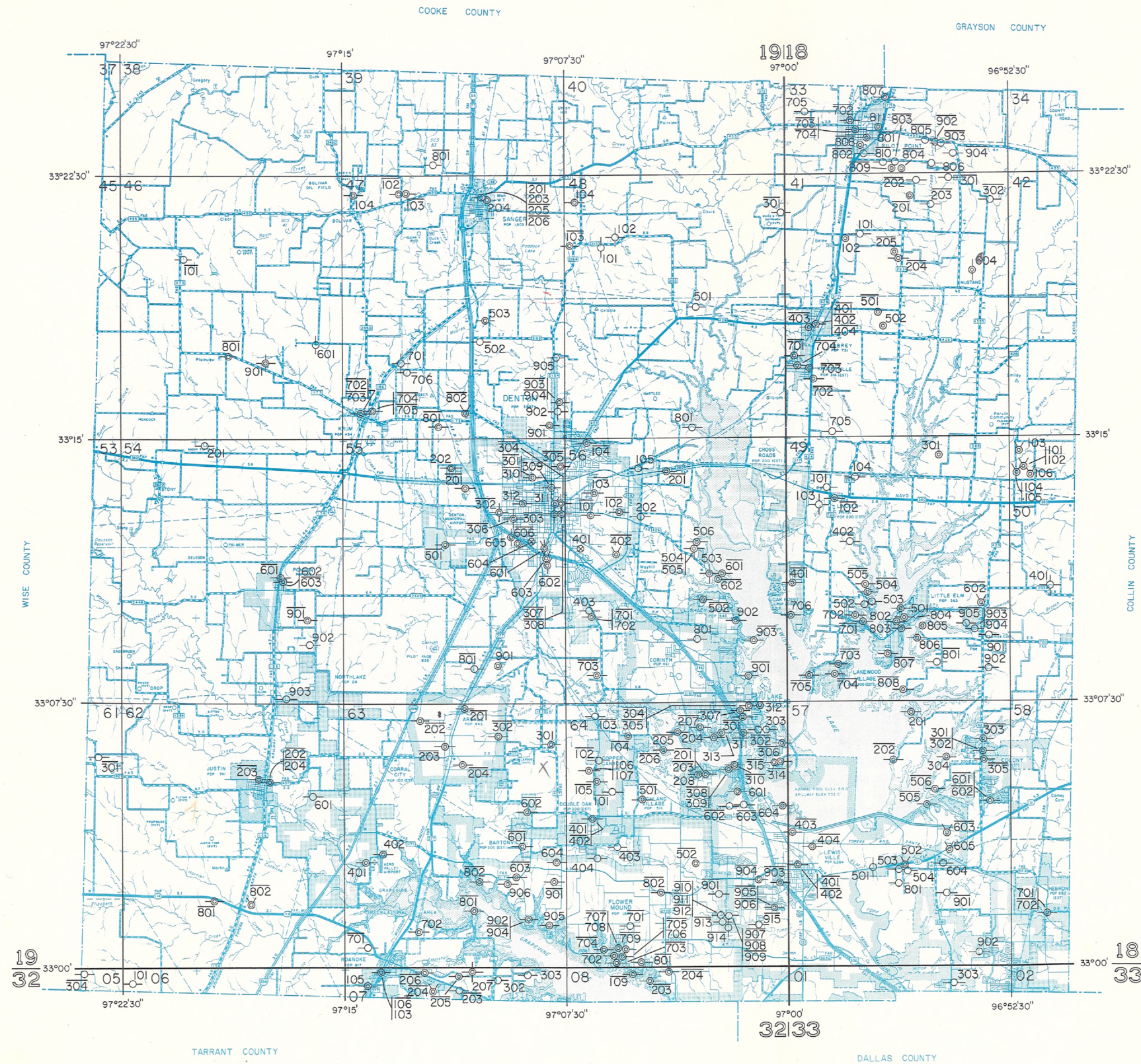
Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25 °C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HW-19-64-701	Kgw	62	May 20, 1969	20	--	148	22	112	--	190	243	199	0.6	24.5	--	862	460	1,360	7.4	35	2.2	0.0
702	Kgw	134	June 5, 1974	--	21.2	11	4	160	--	237	108	60	.3	3.5	--	484	42	858	7.5	89	10.5	3.0
703	Kgw	150	do	--	.2	21	5	158	--	227	147	53	.7	3.7	--	500	74	924	8.1	82	8.0	2.2
704	Kgw	180	do	--	14.6	35	11	90	--	190	87	62	.3	1.7	--	395	134	740	7.6	60	3.4	.4
705	Kcpa	900	May 28, 1975	--	.0	2	1	257	--	520	15	79	1.7	2.8	--	614	5	1,152	8.9	98	37.0	8.3
709	Kcpa	830	Oct. 20, 1976	14	--	1	1	215	--	437	72	17	.5	.6	--	535	7	870	8.8	99	36.3	7.0
801	Kgw	140	June 5, 1974	--	.1	5	1	201	--	373	96	28	1.2	2.5	--	518	18	952	8.6	96	21.4	5.7
802	Kctm	1,546	Jan. 26, 1966	--	.1	4	1	277	--	540	124	28	2.1	< .4	--	714	12	1,230	8.6	98	32.1	8.5
802	Kctm	1,546	Dec. 4, 1975	--	.1	5	1	403	--	570	335	50	3.2	2.8	--	1,080	17	1,890	8.4	98	43.0	9.0
901	Kgw	260	Feb. 25, 1971	9	--	2	1	188	--	348	67	31	1.4	< .4	--	470	9	748	8.6	98	27.1	5.5
901	Kgw	260	Aug. 2, 1976	10	.1	2	1	195	--	362	73	32	1.3	< .4	--	492	5	777	8.2	98	28.1	5.7
903	Kctm	1,901	Jan. 6, 1975	--	.1	5	1	466	--	346	93	469	.8	3.7	--	1,208	16	2,400	8.3	98	49.7	5.3
904	Kctm	1,900	Feb. 3, 1962	11	.0	5	2	512	--	343	94	535	--	--	--	1,327	21	--	8.3	98	48.9	5.2
904	Kctm	1,900	Jan. 6, 1975	--	.0	9	4	600	--	342	77	710	.8	1.0	--	1,570	39	3,150	8.3	97	41.8	4.8
905	Kctm	1,901	Jan. 14, 1972	--	.3	13	6	746	--	283	75	960	.9	.5	--	1,951	56	3,300	8.0	97	42.9	3.4
905	Kctm	1,901	Jan. 6, 1975	--	.1	15	3	760	--	290	71	980	.8	1.0	--	1,973	50	4,030	8.2	97	46.8	3.7
906	Kcpa	950	Mar. 18, 1972	--	.0	1	0	254	--	364	90	30	.9	.0	--	554	2	1,050	9.1	99	69.9	5.9
906	Kcpa	950	Jan. 6, 1975	--	.1	1	1	242	--	445	92	27	.9	3.2	--	586	6	1,080	8.8	99	40.9	7.1
907	Kgw	290	Dec. 2, 1975	10	.2	1	1	290	--	610	55	17	4.1	< .4	--	678	4	1,108	8.8	99	49.0	9.8
908	Kgw	301	do	9	.2	2	1	255	--	560	42	14	3.4	2.6	--	604	6	1,003	8.8	98	36.7	8.9
909	Kgw	280	do	9	.2	2	1	261	--	570	45	15	3.1	.5	--	617	8	1,004	8.7	98	37.6	9.1
910	Kgw	285	do	10	.1	1	1	216	--	442	55	13	1.9	2.7	--	518	7	884	8.9	99	36.5	7.1
911	Kgw	287	do	10	.2	1	1	250	--	540	51	14	2.5	2.7	--	597	6	981	8.7	99	42.3	8.7
912	Kgw	280	do	10	.0	1	1	227	--	476	49	12	2.2	2.6	--	538	7	892	8.9	99	38.4	7.6
913	Kgw	294	Dec. 3, 1975	10	.1	2	1	216	--	476	50	13	2.1	< .4	--	528	6	888	8.7	98	31.1	7.6
914	Kgw	300	do	6	--	5	2	145	--	272	54	19	1.1	4.9	--	469	19	636	8.9	94	13.8	4.0
915	Kgw	310	do	6	.4	3	1	570	--	610	371	209	2.6	< .4	--	1,463	12	2,180	8.7	99	72.8	9.7
32-05-304	Kcpa	500	Oct. 25, 1976	12	--	1	1	174	--	378	30	5	.3	< .4	--	409	4	705	9.1	98	29.4	6.0
07-106	Kcpa	615	Feb. 28, 1944	13	--	3	1	207	3.2	501	38	8	.2	1.5	--	521	9	845	8.5	97	26.4	7.9
106	Kcpa	615	Oct. 1, 1949	--	.0	4	3	208	--	536	35	18	.1	< .4	--	538	23	--	8.8	95	19.1	--
106	Kcpa	601	Feb. 4, 1972	--	--	1	1	212	--	418	42	7	.5	< .4	--	470	8	903	9.2	98	35.8	6.7
203	Kcpa	720	Apr. 1, 1976	12	--	2	1	258	--	560	78	13	1.6	.7	--	641	7	1,020	8.6	98	37.2	8.9
204	Kcpa	780	do	14	--	1	1	205	--	425	35	7	.4	2.4	--	474	4	810	9.1	98	34.6	6.8

DENTON COUNTY

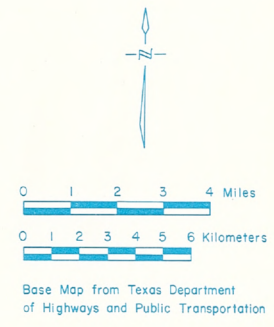
Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
HW-32-07-205	Kctm	1,424	June 14, 1974	11	0.1	8	3	522	--	339	83	568	0.6	1.2	--	1,363	32	2,460	7.8	97	39.9	4.9
205	Kctm	1,424	Apr. 1, 1976	11	--	12	2	493	--	355	78	540	.5	< .4	--	1,311	41	2,300	8.0	96	34.7	5.0
206	Kcpa	705	Nov. 15, 1974	12	.5	2	1	235	--	418	64	12	.8	.6	--	533	7	1,000	8.8	98	33.8	6.6
206	Kcpa	705	Apr. 1, 1976	14	.3	5	1	349	1.0	650	187	25	3.0	< .4	--	905	16	1,400	8.3	98	37.2	10.3
08-109	Kgw	150	June 5, 1974	--	.2	5	1	230	--	278	168	68	.8	3.9	--	613	19	1,148	8.8	97	24.5	4.2
203	Kgw	160	do	--	1.2	10	8	149	--	206	135	45	.5	< .4	--	450	59	846	7.4	85	8.5	2.2
204	Kctm	1,480	Dec. 4, 1975	--	.1	5	1	403	--	578	335	50	3.2	2.8	--	1,084	17	1,890	8.4	98	43.0	9.1





- EXPLANATION**
- ⊙ Public supply well
  - ⊗ Industrial well
  - ⊙ Irrigation well
  - ⊙ Domestic or livestock well
  - ⊙ Oil or gas well
  - ⊗ Test hole
  - ⊙ Unused or abandoned well
  - Solid circle indicates flowing well
  - ⊙ Line above well number indicates chemical analysis given in Table 4



Location of Selected Water, Oil, and Gas Wells in Denton County



ELLIS COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.  
 Water level : Reported water levels given in feet; measured water levels given to the nearest tenth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; E, electric; G, gasoline, butane or diesel engine; H, hand, J, jet; N, none;  
 S, submersible; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation, N, none, P, public supply; S, livestock.  
 Water-bearing unit : Kcpa, Paluxy Formation, Kctm, Twin Mountains Formation, Kcw, Washita Group; Kga, Austin Group; Kgw, Woodbine Group; Qal, Alluvium.

Well	Owner	Driller	Date completed	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks	
				Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement				
*JK-32-32-803	A. M. Read	C. M. Stoner Drilling Co.	1968	355	4	355	Kgw	550	200 162.5	Feb. 26, 1968 Mar. 18, 1971	S, E 1	D	Cemented to 355 ft. Gun perforated from 333-348 and 320-332 ft. Pump set at 273 ft. <u>1</u> <u>2</u>
* 804	Don Bodiford	do	1972	357	4	357	Kgw	560	210	Oct. 5, 1972	S, E 2	Ind	Cemented to bottom. Gun perforated from 347-352 ft. Pump set at 273 ft. Temp. 82°F. <u>1</u>
901	Gifford-Hill Cement Plant	J. L. Myers Sons	1965	594	6 4 2	23 567 594	Kgw	678	460	June 1965	S, E 3	Ind	Cemented to 23 ft. Screened from 567-588 ft. Pump set at 450 ft. <u>1</u>
903	do	do	1972	2,315	22 16 10 6	46 1,410 2,172 2,302	Kctm	750	--	--	T, E 200	Ind	Cemented to 2,172 ft. Screened from 2,172-2,282 ft. Underreamed. Gravel packed. Pump set at 1,058 ft. <u>1</u>
904	James Knapp	E. C. Stone Water Well Drilling Co.	1967	454	4	454	Kgw	663	260	Feb. 12, 1967	S, E 2	N	Cemented to 454 ft. Gun perforated from 432-442 ft.
905	Gifford-Hill Cement Plant	J. L. Myers Sons	1965	2,300	20 16 10 6	48 1,216 2,098 2,207	Kgw, Kctm	680	260	--	T, E 200	Ind	Cemented to 2,098 ft. Screened from 2,098-2,202 ft. Underreamed. Gravel packed. Pump set at 1,100 ft. <u>1</u>
40-202	W. J. Carroll	C. M. Stoner Drilling Co.	1971	504	4	504	Kgw	655	300	Oct. 14, 1971	S, E 5	P	Cemented to bottom. Perforated. Pump set at 400 ft. <u>1</u>
* 301	Texas Industries, Inc.	J. L. Myers Sons	1960	2,249	12 8	-- 2,249	Kctm	669	500 780.0	1963 Feb. 26, 1975	S, E 100	Ind	Gravel packed. Pump set at 959 ft. Reported yield 350 gal/min Temp. 98°F. <u>1</u> <u>2</u>
303	do	do	1963	573	18 13 8	40 446 562	Kgw	665	250 370	June 14, 1963 Sept. 7, 1974	T, E 40	Ind	Cemented to 446 ft. Screened from 446-447; 481-531; and 536-556 ft. Gravel packed. Pump set at 500 ft. Pumping level 365 ft at 240 gal/min when drilled. <u>1</u>
304	do	do	1959	566	5	566	Kgw	668	250	Sept. 1959	N	N	Perforated from 528-542 ft. Reported yield 280 gal/min.
* 305	W. B. Holcomb	G. G. Wallen and Son	1968	543	4 2	384 543	Kgw	660	307 323.7	June 22, 1968 Mar. 19, 1971	N	N	Reworked 380 ft well. Cemented to 380 ft. Slotted from 485-533 ft. Reported salt water above 372 ft. <u>1</u> <u>2</u>
306	-- Carr	do	1969	526	4	523	Kgw	641	286	June 17, 1969	S, E 3	P	Cemented to 520 ft. Gun perforated opposite 8 sand beds from 402-513 ft. Pump set at 496 ft. <u>1</u>
307	Texas Industries, Inc.	J. L. Myers Sons	1972	650	12 8	516 650	Kgw	708	395 465.0	Jan. 18, 1972 Feb. 26, 1975	T, E 40	Ind	Screened from 518-543 and 549-624 ft. Pump set at 550 ft. Pumping level 513 ft at 200 gal/min when drilled. <u>1</u>
* 308	do	do	1967	1,238	12 8 5	40 1,132 1,232	Kcpa	665	445 545.0	Aug. 2, 1967 Feb. 26, 1975	T, E 60	Ind	Cemented to 1,132 ft. Screened from 1,132-1,224 ft. Gravel packed. Pump set at 680 ft. Pumping level 490 ft at 156 gal/min when drilled. Temp. 89°F. <u>1</u>

See footnotes at end of table.

ELLIS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
JK-32-40-501	Chaparral Steel Co.	J. L. Myers Sons	1975	2,150	16 10 6	1,401 1,966 2,150	Kctm	640	765	Mar. 3, 1975	T, E 200	Ind	Cemented to 1,966 ft. Screened from 1,966-1,996; 2,001-2,030; and 2,035-2,081 ft. Underreamed. Gravel packed. Pump set at 1,000 ft. Drawdown 155 ft pumping 515 gal/min when drilled. Temp. 100°F. <u>1/2</u>
* 606	Mountain Peak Water Supply Corporation	do	1970	2,411	16 10 8 4	20 1,191 2,235 2,366	Kctm	842	810	Nov. 20, 1970	S, E 100	P	Screened from 2,245-2,350 ft. Pumping level 855 ft at 110 gal/min when drilled. Measured yield 298 gal/min on Mar. 14, 1975. Temp. 101°F. <u>1/2</u>
* 607	Texas Industries, Inc.	do	1971	659	12 8	510 659	Kgw	745	390 480.0	Nov. 12, 1971 Feb. 26, 1975	T, E 40	Ind	Cemented to 510 ft. Screened from 514-629 ft. Pump set at 560 ft. Pumping level 460 ft at 200 gal/min when drilled. <u>1/2</u>
* 608	Mountain Peak Water Supply Corporation	J. L. Myers Co.	1976	2,420	10 8 5	1,420 2,290 2,415	Kctm	845	932 941.0	Feb. 12, 1976 Jan. 21, 1977	S, E 100	P	Cemented to 2,290 ft. Screened from 2,290-2,311; 2,322-2,359; and 2,364-2,390 ft. Underreamed. Gravel packed. Pump set at 1,056 ft. Pumping level 1,017 ft at 250 gal/min when drilled. <u>1/2</u>
* 901	Salvation Army Camp	J. L. Myers Sons	1955	1,359	8	1,359	Kcpa	742	323 350.8	Jan. 1955 June 2, 1965	T, E	P	Screened from 1,230-1,244 and 1,254-1,338 ft. Drawdown 28.97 ft at 79 gal/min on June 2, 1965. <u>1/2</u>
* 48-501	Dr. Herbert Donnel	C. M. Stoner Drilling Co.	1963	367	4	367	Kgw	592	132.7 182.5	June 22, 1965 Nov. 5, 1976	S, E	D, S	Cemented to bottom. Gun perforated from 328-335 and 352-355 ft. Temp. 75°F. <u>1/2</u>
* 601	City of Maypearl	J. L. Myers Sons	1936	507	8 6	-- --	Kgw	527	21.4 135.2	May 17, 1936 June 18, 1965	T, E 15	P	Pump set at 320 ft. Reported yield 75 gal/min. <u>1/2</u>
* 602	do	do	1956	410	9 7	17 410	Kgw	525	75	Aug. 1956	T, E 15	P	Cemented to bottom. Gun perforated from 365-405 ft. Pump set at 250 ft. Reported yield 75 gal/min. <u>1/2</u>
* 901	H. P. Irving	C. M. Stoner Drilling Co.	1965	384	4	384	Kgw	581	168.6 195.5	June 22, 1965 Nov. 19, 1969	S, E 3/4	D, S	Cemented to bottom. Gun perforated from 355-365 ft. Reported yield 10 gal/min. <u>1/2</u>
56-601	Mobil Oil Corporation	do	1969	562	7	562	Kgw	720	375 362.1	Mar. 24, 1969 Apr. 3, 1975	N	N	Slotted from 503-562 ft. <u>1/2</u>
901	Taylor Gandy	Geyer Drilling Co.	1974	603	4	603	Kgw	695	440	Sept. 23, 1974	S, E 1 1/2	D, S	Cemented to bottom. Gun perforated from 579-588 ft. Pump set at 483 ft. Drawdown 10 ft pumping 10 gal/min. <u>1/2</u>
33-25-403	U. S. Industries	E. C. Stone Water Well Drilling Co.	1971	865	4	865	Kgw	843	600	May 21, 1971	N	N	Cemented to 865 ft. Gun perforated. <u>1/2</u>
404	do	do	1971	865	4	865	Kgw	843	600	do	N	N	Do.
* 601	George Mobley	do	1971	955	4	955	Kgw	660	480	Sept. 4, 1971	S, E 5	P	Cemented to bottom. Gun perforated. Temp. 88°F. <u>1/2</u>
* 602	do	do	1973	960	4	960	Kgw	668	550	Apr. 16, 1973	S, E 5	P	Cemented to bottom. Gun perforated. Temp. 88°F. <u>1/2</u>
* 708	Pecan Park Mobile Home Park	Geyer Drilling Co.	1970	744	4	744	Kgw	745	500	Nov. 16, 1970	S, E 5	P	Cemented to bottom. Gun perforated from 595-715 ft. Pump set at 735 ft. Reported yield 18 gal/min. Temp. 70°F. <u>1/2</u>
709	Dallas Materials Transport Co.	J. L. Myers Co.	1977	800	5 2	720 762	Kgw	745	500	Nov. 28, 1977	S, E	Ind	Cemented to 720 ft. Screened from 720-741 ft. Gravel packed. Pump set at 649 ft. <u>1/2</u>

See footnotes at end of table.

ELLIS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
JK-33-25-802	Sardis-Lone Elm Water Supply Corporation	J. L. Myers Sons	1974	2,662	16 10 7 4	20 1,424 2,510 2,662	Kctm	718	886.0 898.0 920.0 926.0	June 3, 1974 June 10, 1975 Feb. 10, 1976 Jan. 21, 1977	S, E 100	P	Cemented to 2,510 ft. Screened from 2,510-2,622 ft. Pump set at 1,094 ft. Gravel packed. <u>1</u> <u>2</u>
* 901	City of Ovilla	C. G. Wallen and Son	1952	735	8 4	-- 735	Kgw	630	348.0 420.0 444.4 441.9	Mar. 23, 1959 Aug. 9, 1963 May 21, 1970 Nov. 10, 1971	S, E 3	P	Reported yield 11 gal/min.
* 902	Sardis-Lone Elm Water Supply Corporation	J. L. Myers Sons	1964	2,763	10 7 6	-- -- 2,763	Kctm	769	659.1 852.0	June 24, 1965 Feb. 20, 1975	S, E 100	P	Screened from 2,525-2,581; 2,592-2,617; 2,632-2,650; and 2,664-2,699 ft. Gravel packed. Pump set 950 ft. Reported yield 190 gal/min. Temp. 111°F. <u>1</u> <u>2</u> <u>3</u>
* 907	City of Ovilla	do	1971	913	7 3	802 913	Kgw	630	420 488.0	Sept. 17, 1971 Aug. 28, 1975	S, E 10	P	Cemented to 802 ft. Screened from 802-822; 830-835; 846-856; 860-870; and 877-882 ft. Gravel packed. Pump set at 678 ft. Pumping level 618 ft on Aug. 28, 1975, and 586 ft on Jan. 21, 1977. Temp. 70°F. <u>1</u> <u>2</u>
* 26-703	B. T. Chapman	--	1900	26	30	26	Xga	625	13.6 7.8	Mar. 19, 1971 Nov. 10, 1976	N	N	<u>3</u>
* 705	Don Gajdica	C. M. Stoner Drilling Co.	1973	1,005	4	1,005	Kgw	650	540	Jan. 25, 1973	S, E 5	P	Cemented to bottom. Gun perforated from 942-956 ft. Pump set at 651 ft. Temp. 80°F. <u>1</u>
* 801	City of Red Oak	J. L. Myers Sons	1938	944	6 5	866 944	Kgw	595	140 360.0 384.1	Jan. 27, 1943 Aug. 28, 1970 Mar. 12, 1975	S, E 15	P	Perforated from 803-944 ft. Pump set at 592 ft. Measured yield 100 gal/min on Mar. 10, 1972. Drawdown 105 ft on Aug. 28, 1970. Pumping level 467.0 ft on Jan. 21, 1977. Temp. 82°F. <u>1</u>
* 802	do	do	1962	1,171	8 4	1,084 1,171	Kgw	612	370 421.3 500.1 508.0	Sept. 1962 June 3, 1965 Mar. 12, 1975 Jan. 20, 1977	S, E 20	P	Screened from 1,085-1,111; 1,117-1,125, and 1,135-1,161 ft. Gravel packed. Underreamed. Pump set at 708 ft. Reported yield 90 gal/min. Drawdown 70 ft pumping 70 gal/min on Jan. 15, 1973. Pumping level 610 ft on Apr. 6, 1972. Temp. 85°F. <u>1</u> <u>2</u>
* 805	Central Texas Water Supply Corporation	do	1952	1,100	5	--	Kgw	651	--	--	S, E	P	Temp. 83°F.
* 815	Red Oak Club Estates	do	1971	1,100	7 3	975 1,100	Kgw	610	400	Dec. 8, 1971	S, E 15	P	Screened from 975-1,006 and 1,011-1,026 ft. Gravel packed. Pump set at 600 ft. Temp. 85°F. <u>1</u> <u>2</u>
* 816	Rockett Water Supply Corporation	Lanford Drilling Co., Inc.	1975	3,280	13 8 6	1,300 2,870 3,280	Kctm	570	580.0	Jan. 20, 1977	T, E 150	P	Screened from 2,870-3,280 ft. Pump set at 700 ft. Reported yield 500 gal/min.
* 817	do	J. L. Myers Co.	1977	3,092	12 8 5	1,400 2,862 3,065	Kctm	640	673	Oct. 12, 1977	T, E 150	P	Cemented to 2,862 ft. Screened from 2,862-2,944 and 2,956-3,044 ft. Underreamed. Gravel packed. Pump set at 850 ft. Drawdown 150 ft pumping 280 gal/min when drilled. <u>1</u> <u>2</u>
* 902	do	J. L. Myers Sons	1971	3,178	10 8 6	1,214 2,978 3,178	Kctm	592	560 580	Feb. 16, 1972 Mar. 12, 1975	T, E 100	P	Cemented to 2,978 ft. Slotted from 2,978-3,126 ft. Pump set at 740 ft. Pumping level 650 ft at 420 gal/min when drilled. Reported yield 325 gal/min in 1975. Pumping level 638.0 ft on Jan. 20, 1977. Temp. 99°F. <u>1</u> <u>2</u>
* 27-801	-- Keller	do	1954	1,447	--	--	Kgw	480	253.1 286.7	June 21, 1965 Nov. 14, 1972	S, E	N	<u>3</u>

See footnotes at end of table.

ELLIS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*JK-33-27-901	City of Ferris	J. L. Myers Sons	1957	1,493	12	1,493	Kgw	465	200	1960	T, E 50	P	Screened from 1,311-1,431 and 1,459-1,481 ft. Reported yield 250 gal/min. Temp. 92°F. <u>1</u> <u>2</u>
* 28-703	Town of India	--	1912	1,350	--	--	Kgw	445	312.6 319.4	Apr. 29, 1971 Nov. 14, 1974	S, E	P	<u>3</u>
704	John McDowell	W. B. Copeland	1973	50	34	50	Qa1	390	18	July 12, 1973	S, E	D	Perforated from 36-40 and 42-48 ft. Gravel packed. <u>1</u>
* 33-101	City of Midlothian	J. L. Myers Sons	1957	2,412	16 8 5	1,249 2,175 2,412	Kctm	746	536 600 590.5	June 1957 Apr. 5, 1965 June 6, 1965	S, E 50	P	Cemented to 2,175 ft. Gravel packed. Pump set at 1,200 ft. Screened from 2,175-2,226 and 2,235-2,335 ft. Drawdown 167 ft at 500 gal/min June 1957. Pumping level 740 ft on Apr. 5, 1965. Temp. 102°F. <u>1</u> <u>2</u>
* 102	do	Works Progress Administration	1934	2,512	10 6	-- --	Kctm	753	358 600	1946 1965	S, E 40	P	Pump set at 1,000 ft. Reported yield 200 gal/min in 1943. Pumping level 342 ft when drilled. Temp. 102°F. <u>1</u>
* 103	do	Layne-Texas Co.	1940	699	10 4	-- 699	Kgw	753	280 436.8	Jan. 15, 1942 Nov. 30, 1956	N	N	Screened from 510-690 ft. Underreamed. Pumping level 367 ft at 117 gal/min on Jan. 14, 1942. Reworked well. <u>1</u>
105	do	Katy Drilling Co.	1968	2,354	22 16 10 6	129 1,100 2,070 2,354	Kctm	735	638	July 8, 1968	T, E 150	P	Cemented to 1,100 ft. Screened from 2,080-2,100; 2,110-2,158; 2,178-2,210; and 2,230-2,344 ft. Gravel packed. Pumping level 1,432 ft at 529 gal/min when drilled. <u>1</u> <u>2</u>
* 106	Elevator Industries	C. M. Stoner Drilling Co.	1972	735	4	735	Kgw	735	525	Apr. 21, 1972	S, E 5	Ind	Cemented to bottom. Gun perforated from 708-718 ft. Pump set at 609 ft. Temp. 69°F. <u>1</u>
* 501	R. A. Parrish	E. C. Stone Water Well Drilling Co.	1968	780	4	780	Kgw	615	372.9 400.7	Mar. 18, 1971 Nov. 14, 1974	S, E	D, S	Cemented to bottom. Gun perforated. Pump set at 609 ft. <u>1</u> <u>3</u>
601	Ben Barnard	J. L. Myers Sons	1969	1,017	8 5	10 1,016	Kgw	650	400	Oct. 13, 1969	S, E 1 1/2	D	Cemented to bottom. Gun perforated from 930-940 and 964-974 ft. <u>1</u> <u>2</u>
705	Hi-View Ranch	do	1969	2,475	10 7	1,215 2,475	Kctm	788	690	June 1969	T, E 100	Irr	Cemented to bottom. Gun perforated from 2,324-2,449 ft. Pump set at 850 ft. <u>1</u> <u>2</u>
706	do	do	1969	2,505	8 5	1,280 2,500	Kctm	788	--	--	T, E 100	Irr	Completed from 2,334-2,450 ft. <u>2</u>
803	Amos Buchanan	E. C. Stone Water Well Drilling Co.	1969	820	4	820	Kgw	715	420	June 21, 1969	S, E 1 1/2	D	Cemented to bottom. Gun perforated from 788-997 ft. Pump set at 567 ft. <u>1</u> <u>2</u>
* 34-102	Stuckey's Inc.	C. M. Stoner Drilling Co.	1963	952	4	922	Kgw	627	390	Mar. 5, 1963	S, E 1 1/2	Ind	Cemented to 909 ft. Slotted from 909-952 ft. Temp. 72°F. <u>1</u>
206	North Texas Corporation	J. L. Myers Sons	1971	1,191	7 3	974 1,191	Kgw	595	360	July 3, 1971	S, E 15	P	Cemented to 974 ft. Screened from 974-1,021; 1,026-1,052; and 1,114-1,152 ft. Gravel packed. Pump set at 527 ft. <u>1</u> <u>2</u>
* 301	Rockett Water Supply Corporation	do	1965	3,285	10 7	1,250 2,285	Kctm	525	321.1 580.0 600.0	Oct. 13, 1965 Mar. 12, 1975 Jan. 20, 1977	T, E 75	P	Screened from 3,080-3,208 ft. Gravel packed. Pump set at 680 ft. Reported yield 520 gal/min. Pumping level 500 ft at 370 gal/min on June 20, 1971. Temp. 109°F. <u>1</u>
* 404	Jack Goe Academy	-- Wilson	1950	1,000	4	--	Kgw	625	--	--	S, E 5	P	--
* 702	City of Waxahachie	R. H. Dearing and Sons	1913	2,950	10 6	450 2,950	Kctm	525	+ 90 40 125.3	1913 Jan. 1943 Mar. 14, 1978	T, E 75	N	Reported yield 500 gal/min. Flowed until 1932. Pump set at 350 ft. Temp. 121°F. <u>1</u>

See footnotes at end of table.

ELLIS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*JK-33-34-703	City of Waxahachie	Prince Brothers	1931	2,950	12 8	250 2,600	Kctm	540	120.3 506.9	Mar. 16, 1948 Mar. 1, 1977	N	N	Caved in to 2,653 ft. Reported yield 400 gal/min. Recorder installed in 1973. Temp. 120°F. <u>1</u> <u>2</u> <u>3</u>
* 704	do	Layne-Texas Co.	1949	2,878	16 8	-- 2,800	Kctm	551	135 282.9	Jan. 1949 Mar. 16, 1965	T, E	P	Screened from 2,580-2,770 ft. Reported yield 550 gal/min. Temp. 112°F. <u>1</u> <u>2</u>
* 711	do	--	1898	1,521	--	--	Kgw, Kcw	525	--	--	N	N	Mineral well. Destroyed. <u>1</u>
* 712	do	--	1919	2,907	8	--	Kctm	535	--	--	N	N	Reported yield 450 gal/min. Temp. 112°F. <u>1</u>
* 35-501	City of Palmer	--	1928	1,472	8	--	Kgw	462	375 325	1959 1964	N	N	Well caved in 1965.
* 503	do	J. L. Myers Sons	1947	1,522	12 8 4	66 1,324 1,522	Kgw	467	332.2 336.6 384.0	June 2, 1965 July 6, 1965 Dec. 13, 1977	S, E 30	P	Screened from 1,330-1,390 ft. Reported yield 120 gal/min. Temp. 92°F. <u>1</u> <u>2</u>
* 701	Boyce Cooperative	do	1947	1,303	4	--	Kgw	525	117 180 318.7	Apr. 11, 1947 1961 July 30, 1965	S, E 10	N	Screened from 1,221-1,300 ft. Temp. 88°F. <u>1</u>
* 702	Boyce Water Supply Corporation	do	1964	1,321	7 3	1,171 1,321	Kgw	533	328 378.5 340.0 375.0 385.0	Sept. 1964 Aug. 10, 1965 Dec. 7, 1967 Dec. 26, 1973 Dec. 13, 1977	S, E 40	P	Screened from 1,172-1,203; 1,210-1,231; 1,250-1,265; and 1,279-1,300 ft. Pump set at 520 ft. Reported yield 75 gal/min. Pumping level 400 ft on Dec. 26, 1973. Temp. 89°F. <u>1</u> <u>2</u>
* 36-201	Town of Bristol	do	1960	1,982	8 4	1,821 1,982	Kgw	505	359.3 408.8	Apr. 30, 1971 Nov. 14, 1974	S, E 20	P	Screened from 1,823-1,865 and 1,916-1,961 ft. Pump set at 640 ft. Pumping level 420 ft on Sept. 8, 1964; 435 ft on Apr. 17, 1970; 440 ft on Sept. 17, 1972; and 455 ft on June 16, 1975. Temp. 102°F. <u>1</u> <u>2</u> <u>3</u>
* 41-202	Hal Curry and Associates	C. M. Stoner Drilling Co.	1964	727	4	727	Kgw	680	343.4 381.0	June 16, 1965 Nov. 13, 1972	S, E 1 1/2	D, S	Cemented to bottom. Gun perforated from 684-694 and 706-710 ft. Pump set at 466 ft. Temp. 81°F. <u>1</u> <u>3</u>
* 203	Buena Vista-Bethel Water Supply Corporation	J. L. Myers Sons	1975	2,564	12 8 5	14 2,404 2,564	Kctm	752	726 711.0 776.0	Jan. 25, 1975 Mar. 4, 1975 Jan. 21, 1977	S, E 65	P	Screened from 2,410-2,452; 2,472-2,500; and 2,510-2,540 ft. Pump set at 876 ft. Pumping level 778 ft at 160 gal/min when drilled. <u>1</u> <u>2</u>
204	B. Garaway Feed Pens	C. M. Stoner Drilling Co.	1967	870	--	--	Kgw	750	435	July 27, 1967	S, E 20	Ind	Cemented to 765 ft. Pump set at 687 ft. Reported yield 84 gal/min. <u>1</u>
205	do	do	1970	852	7	852	Kgw	735	435	Jan. 27, 1970	S, E 20	Ind	Cemented to 760 ft. Pump set at 687 ft. <u>1</u>
* 501	Buena Vista-Bethel Water Supply Corporation	J. L. Myers Sons	1965	2,606	7	2,606	Kctm	690	458.8 520.0 594.0 640.0	June 16, 1965 Apr. 15, 1971 June 19, 1973 Apr. 1, 1975	S, E 400	P	Gun perforated from 2,450-2,456; 2,466-2,472; 2,480-2,489; 2,493-2,506; and 2,516-2,520 ft. Gravel packed. Pump set at 771 ft. Drawdown 80 ft pumping 170 gal/min on Apr. 15, 1971. Pumping level 649 ft on June 19, 1973. Temp. 109°F. <u>1</u> <u>2</u>
* 502	T. Sewell	C. M. Stoner Drilling Co.	1968	802	7	802	Kgw	670	380 420.0	Aug. 11, 1968 Jan. 21, 1977	S, E 20	P	Cemented to 760 ft. Gun perforated from 570-614 and 628-652 ft. Slotted from 728-744 ft. Pump set at 588 ft. Pumping level 476.0 ft on Jan. 21, 1977. Temp. 89°F. <u>1</u>
503	Vern Mayes	Geyer Drilling	1974	758	5	750	Kgw	640	420	Apr. 1, 1974	S, E 5	D	Cemented to bottom. Gun perforated from 698-708 ft. Pump set at 504 ft. <u>1</u> <u>2</u>
901	Five-Points Cooperative Gin	C. Glenn Wallen	1954	620	--	--	Kgw	602	277.6 314.4	July 19, 1965 Nov. 13, 1972	C, E 3	N	<u>3</u>

See footnotes at end of table.

ELLIS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*JK-33-42-105	Johnny Johnston Realty Co.	Stoner Drilling Co.	1975	1,063	7 4	935 1,063	Kgw	590	428.0	Jan. 21, 1977	S, E 15	P	Cemented to 935 ft. Screened from 935-1,020 ft. Gravel packed. Pump set at 643 ft. <u>1</u>
* 201	J. T. King	--	1962	1,285	4	--	Kgw	557	325.3 377.2	Aug. 12, 1965 Nov. 15, 1974	S, E	D, S	<u>3</u>
405	Nash-Forrester Water Supply Corporation	J. L. Myers Sons	1973	2,900	7	2,900	Kctm	608	460 480.0	Mar. 1973 Feb. 2, 1975	S, E 20	P	Cemented to bottom. Gun perforated from 2,746-2,786 and 2,820-2,866 ft. Pump set at 600 ft. Reported yield 125 gal/min. Drawdown 55 ft pumping 93 gal/min Mar. 1973. Pumping level 530 ft on Feb. 2, 1975, and 522 ft on Jan. 21, 1977. Temp. 112°F. <u>1</u> <u>2</u>
* 701	City of Forrester	C. Glenn Wallen	1950	940	4	--	Kgw	558	200	1961	T, E 5	N	Reported yield 20 gal/min.
* 702	Nash-Forrester Water Supply Corporation	J. L. Myers Sons	1964	2,850	7	2,850	Kctm	550	225.0 370.0 421.0	Aug. 28, 1964 July 29, 1974 Jan. 21, 1977	S, E 20	P	Perforated from 2,750-2,795 ft. Pump set at 513 ft. Reported yield 100 gal/min. Pumping level 290 ft on Aug. 28, 1964; 400.0 ft on July 2, 1971; and 420.0 ft on July 29, 1974. Temp. 115°F. <u>1</u> <u>2</u>
* 901	Howard Water Co.	do	1953	1,238	5 4	555 1,238	Kgw	513	152 226 240.0 297.2	Oct. 1953 Apr. 1958 July 13, 1959 July 20, 1965	S, E 5	P	Perforated from 1,137-1,236 ft. Pump set at 350 ft. Reported yield 32 gal/min. Temp. 75°F. <u>1</u>
* 43-101	Boyce Water Supply Corporation	do	1975	1,370	7 3	1,268 1,365	Kgw	525	380 395.0	Nov. 7, 1975 Dec. 13, 1977	S, E 40	P	Cemented to 1,268 ft. Screened from 1,268-1,310 and 1,318-1,328 ft. Underreamed. Gravel packed. Drawdown 40 ft pumping 80 gal/min when drilled. Pump set at 536 ft. <u>1</u> <u>2</u>
* 301	City of Garrett	-- Stroube	1956	1,350	10 4	600 1,350	Kgw	555	300 394.2	Aug. 10, 1965	S, E 5	N	Perforated from 1,310-1,350 ft. Temp. 93°F. <u>2</u>
* 401	Kervin Gin	C. M. Stoner Drilling Co.	1950	1,350	8	1,350	Kgw	503	--	--	C, E 3	D, Ind	Slotted from 1,330-1,350 ft. Reported yield 150 gal/min. Temp. 79°F.
* 602	City of Ennis	J. L. Myers Sons	1951	1,806	12 10 6	693 1,616 1,801	Kgw	510	320 525.0	June 1958 Jan. 22, 1964	T, E 100	N	Cemented to 1,616 ft. Screened from 1,616-1,743 ft. Underreamed. Gravel packed. Drawdown 85 ft pumping 510 gal/min on Jan. 22, 1964. Temp. 116°F. <u>1</u> <u>2</u>
* 701	Lewis Well Co.	C. M. Stoner Drilling Co.	1954	1,240	5 4	500 1,240	Kgw	513	307 263.1	Feb. 13, 1961	T, E 2	P	Reported yield 20 gal/min.
702	Bardwell Rural Water Supply Corporation	do	1954	1,480	6	1,480	Kgw	512	--	--	S, E 70	P	Slotted.
* 801	City of Bardwell	J. L. Myers Sons	1953	1,517	6 4	492 1,517	Kgw	475	142	1953	S, E 10	P	Screened from 1,153-1,517 ft. <u>1</u>
* 901	M and S Construction Co.	Stoner Drilling Co.	1964	1,659	8 7	1,000 1,659	Kgw	446	320 333.0	July 23, 1964 Aug. 11, 1965	T, E 100	Ind	Cemented to 1,510 ft. Gun perforated from 1,318-1,326; 1,372-1,377; 1,407-1,420; and 1,461-1,475 ft. Pump set at 612 ft. Reported yield 400 gal/min. Temp. 98°F. <u>1</u> <u>2</u>
* 44-401	City of Ennis	-- Scott	1926	1,796	20 8	-- 1,796	Kgw	528	258.2 380	Mar. 1949 June 1959	T, E 100	N	Plugged back from 3,560 ft to 1,796 ft. Measured yield 446 gal/min in 1943. Temp. 105°F. <u>1</u>
* 402	do	Layne-Texas Co.	1937	1,821	13 8 7	470 1,722 1,821	Kgw	528	162 380 386.8	Jan. 6, 1937 June 1959 May 17, 1965	T, E 100	N	Perforated from 1,722-1,821 ft. Pumping level 278 ft at 502 gal/min when drilled. Reported yield 370 gal/min. Temp. 105°F. <u>1</u>

See footnotes at end of table.

ELLIS COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
JK-33-49-201	R. S. Lesage	Lesco Inc.	1944	2,559	8	2,559	Kcpa	625	--	--	--	D, S	Originally drilled as an oil test. Perforated from 1,415-1,463 ft. <u>2</u>
* 601	City of Italy	R. H. Dearing and Sons	1912	881	6	858	Kgw	568	90 245.5	Mar. 1949 Mar. 24, 1975	T, E 20	P	Screened from 858-881 ft. Temp. 87°F. Stand-by well. <u>1</u>
* 602	do	Layne-Texas Co.	1957	935	10 6	835 935	Kgw	578	265 315 387.0	May 17, 1957 Dec. 6, 1965 Dec. 13, 1977	T, E 40	P	Cemented to 839 ft. Screened from 839-858; 862-883; and 909-929 ft. Underreamed. Gravel packed. Pumping level 505 ft at 201 gal/min when drilled. Pumping level 514 ft at 199 gal/min on Dec. 6, 1965. Temp. 82°F. <u>1</u> <u>2</u>
* 606	Charles Davenport	C. M. Stoner Drilling Co.	1970	939	4	939	Kgw	582	440	Aug. 4, 1970	S, E 5	Ind	Cemented to bottom. Gun perforated from 901-912 ft. Pump set at 526 ft. <u>1</u>
* 607	City of Italy	J. L. Myers Co.	1976	2,840	8	2,840	Kctm	550	417 462.0	Feb. 12, 1976 Jan. 20, 1977	S, E 50	P	Cemented to bottom. Gun perforated from 2,660-2,753 ft. Pump set at 720 ft. Pumping level 633 ft at 156 gal/min when drilled. Temp. 112°F. <u>1</u> <u>2</u>
* 803	South Ellis Water Supply Corporation	Key Water Well Drilling and Development Co.	1968	2,700	8	2,670	Kctm	635	332 513.0	May 3, 1968 Jan. 20, 1977	S, E 25	P	Cemented to bottom. Gun perforated from 2,573-2,630 ft. Underreamed. Gravel packed. Pump set at 670 ft. Pumping level 473 ft at 120 gal/min when drilled. <u>1</u> <u>2</u>
* 50-202	Avalon Water and Sewer Service	J. L. Myers Co.	1976	3,204	7	3,204	Kctm	550	442 495.0	Jan. 27, 1976 Jan. 20, 1977	S, E	P	Cemented to bottom. Gun perforated from 3,044-3,094 and 3,108-3,128 ft. Pump set at 713 ft. Pumping level 609 ft at 120 gal/min when drilled. Temp. 114°F. <u>1</u> <u>2</u>
* 502	do	J. L. Myers Sons	1963	1,238	7	1,238	Kgw	525	311.2 385.4	June 29, 1965 Nov. 14, 1974	S, E	P	Screened from 1,146-1,163 and 1,212-1,233 ft. Pump set at 470 ft. Temp. 86°F. <u>1</u> <u>2</u> <u>3</u>
* 57-201	City of Milford	R. H. Dearing and Sons	1916	2,592	6 4	2,070 2,592	Kctm	616	+ 90 35.0 62 173.1	Mar. 1916 Mar. 1942 Feb. 13, 1961	T, E 30	P	Perforated from 2,470-2,588 ft. Measured yield 65 gal/min in 1943. Temp. 101°F. <u>1</u>
* 202	do	J. L. Myers Sons	1964	900	12 8 4	35 744 900	Kgw	620	370 384.7	June 1964 June 4, 1965	S, E 30	--	Screened from 744-785; 789-803, and 824-845 ft. Underreamed. Gravel packed. Reported yield 136 gal/min. Temp. 84°F. <u>1</u> <u>2</u>
* 205	W. E. Borgers	do	1962	822	4	822	Kgw	592	250 292.1	Apr. 1962 July 14, 1965	T, E 1 1/2	D	Perforated from 799-822 ft. Temp. 80°F. <u>1</u>
* 206	City of Milford	J. L. Myers Co.	1976	865	8 4	764 865	Kgw	620	425 420.0	Sept. 23, 1976 Jan. 20, 1977	S, E 40	P	Cemented to 764 ft. Screened from 764-813 and 840-861 ft. Underreamed. Gravel packed. Pump set at 660 ft. Drawdown 145 ft pumping 120 gal/min during initial test. <u>1</u> <u>2</u>

\* For chemical analyses of water, see Table 4.  
1 Drillers' log in files of the Texas Department of Water Resources.  
2 Geophysical logs in files of the Texas Department of Water Resources.  
3 For water-level measurements, see Table 3.



# ELLIS COUNTY

**Table 3.—Water Levels in Selected Wells**

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well JK-32-32-803</b>		<b>Well JK-32-48-901</b>		<b>Well JK-33-27-801</b>	
Owner: A. M. Read		Owner: H. P. Irving		Owner: —Keller	
Mar. 18, 1971	162.5	June 22, 1964	168.6	June 21, 1965	253.1
Nov. 10, 1971	164.4	Nov. 19, 1969	194.9	May 18, 1970	264.8
Nov. 14, 1972	175.4	Nov. 19, 1969	195.5	Feb. 23, 1971	269.0
Nov. 14, 1974	182.3	Feb. 23, 1971	202.2	Nov. 14, 1972	286.7
Nov. 7, 1975	189.2	Nov. 10, 1971	204.4		
Nov. 9, 1976	192.7	Nov. 13, 1972	214.8	<b>Well JK-33-28-703</b>	
Nov. 10, 1977	191.9	Nov. 6, 1973	216.4	Owner: Town of India	
		Nov. 14, 1974	222.0	1923	0
<b>Well JK-32-40-305</b>		Nov. 6, 1975	226.6	Apr. 29, 1971	312.6
Owner: W. B. Holcomb		Nov. 6, 1976	226.4	Nov. 11, 1971	312.9
June 22, 1968	307	Nov. 7, 1977	235.0	Nov. 14, 1972	313.4
Mar. 19, 1971	323.7			Nov. 7, 1973	316.3
Nov. 10, 1971	328.0	<b>Well JK-33-25-902</b>		Nov. 14, 1974	319.4
Nov. 14, 1972	347.0	Owner: Sardis-Lone Elm Water Supply Corporation		Nov. 14, 1975	320.8
Nov. 7, 1973	376.0	Dec. 1964	625	Nov. 10, 1976	332.5
Nov. 14, 1974	378.0	June 24, 1965	659.1	Nov. 9, 1977	328.1
Nov. 7, 1975	380.9	Feb. 2, 1974	830.0		
Nov. 9, 1976	390.7	Jan. 26, 1975	856.0	<b>Well JK-33-33-501</b>	
Nov. 10, 1977	390.9	Feb. 20, 1975	852.0	Owner: R. A. Parrish	
		Jan. 13, 1976	872.0	Mar. 18, 1971	372.9
<b>Well JK-32-48-501</b>		Jan. 21, 1977	883.0	Nov. 10, 1971	374.3
Owner: Dr. Herbert Donnel				Nov. 14, 1972	372.6
June 22, 1965	132.7	<b>Well JK-33-26-703</b>		Nov. 7, 1973	393.7
Nov. 20, 1969	154.7	Owner: B. T. Chapman		Nov. 14, 1974	400.7
Feb. 23, 1971	159.7	Mar. 19, 1971	13.6	Nov. 7, 1975	396.8
Nov. 10, 1971	164.6	Nov. 9, 1971	10.0	Nov. 10, 1976	398.7
Nov. 13, 1972	166.0	Nov. 14, 1972	12.5	Nov. 10, 1977	414.1
Nov. 6, 1973	174.2	Nov. 7, 1973	7.5		
Nov. 14, 1974	179.1	Nov. 14, 1974	6.4	<b>Well JK-33-34-703</b>	
Nov. 6, 1975	184.1	Nov. 7, 1975	13.9	Owner: City of Waxahachie	
Nov. 5, 1976	182.5	Nov. 10, 1976	7.8	June 1945	98
Nov. 7, 1977	188.9	Nov. 10, 1977	14.2	Mar. 16, 1948	120.3
				May 22, 1973	443.3

# ELLIS COUNTY

## Table 3.—Water Levels in Selected Wells—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well JK-33-34-703—Continued</b>		<b>Well JK-33-36-201—Continued</b>		<b>Well JK-33-41-901—Continued</b>	
Nov. 7, 1973	455.5	Apr. 17, 1970	435 *	Feb. 22, 1971	305.2
Feb. 4, 1974	457.3	Apr. 30, 1971	359.3	Nov. 10, 1971	316.6
May 13, 1974	465.8	Nov. 11, 1971	387.3	Nov. 13, 1972	314.4
Aug. 14, 1974	480.4	Sept. 17, 1972	370		
Nov. 4, 1974	477.5	Sept. 17, 1972	440 *	<b>Well JK-33-42-201</b>	
Feb. 5, 1975	479.3	Nov. 14, 1972	384.1	Owner: J. T. King	
May 1, 1975	478.5	Nov. 7, 1973	392.2	Aug. 12, 1965	325.3
Aug. 11, 1975	486.1	Nov. 14, 1974	408.8	May 21, 1970	349.2
Nov. 7, 1975	490.9	June 16, 1975	405	Feb. 22, 1971	354.2
Feb. 6, 1976	498.5	June 16, 1975	455 *	Nov. 10, 1971	357.5
May 27, 1976	495.8	Nov. 14, 1975	394.1	Nov. 13, 1972	355.2
Sept. 13, 1976	469.3	Nov. 10, 1976	415.1	Nov. 7, 1973	371.1
Nov. 5, 1976	504.4	Nov. 9, 1977	411.0	Nov. 15, 1974	377.2
Dec. 7, 1976	504.7			Nov. 14, 1975	372.1
Mar. 1, 1977	506.9	<b>Well JK-33-41-202</b>		Nov. 9, 1976	369.1
June 6, 1977	507.5	Owner: Hal Curry and Associates		Nov. 10, 1977	377.3
Sept. 1, 1977	517.9	June 16, 1965	343.4		
Nov. 10, 1977	522.4	Mar. 19, 1971	382.8	<b>Well JK-33-50-502</b>	
Dec. 1, 1977	522.2	Nov. 10, 1971	385.9	Owner: Avalon Water and Sewer Service	
		Nov. 12, 1971	381.0	June 29, 1965	311.2
<b>Well JK-33-36-201</b>		<b>Well JK-33-41-901</b>		Nov. 11, 1971	380.9†
Owner: Town of Bristol		Owner: Five Points Cooperative Gin		Nov. 13, 1972	368.0
May 1960	348	July 19, 1965	277.6	Nov. 6, 1973	375.3
Sept. 8, 1964	420	Nov. 18, 1969	301.8	Nov. 14, 1974	385.4
Apr. 17, 1970	380			Nov. 7, 1975	372.2
				Nov. 9, 1976	374.8

\* Pumping level  
 † Pumped recently

ELLIS COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kcpa, Paluxy Formation; Kctm, Twin Mountains Formation; Ksw, Washita Group; Kga, Austin Group; Kgw, Woodbine Group.  
 Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids.  
 Analyses by Texas Department of Health.

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (microhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
JK-32-32-803	Kgw	355	Mar. 18, 1971	11	--	3	1	258	--	448	168	17	0.7	< 0.4	--	679	12	1,049	8.6	98	32.9	7.1
804	Kgw	357	Mar. 25, 1975	10	--	2	1	267	--	429	181	18	.8	< .4	--	691	8	1,110	8.7	98	38.5	6.8
40-301	Kctm	2,249	Mar. 26, 1975	15	--	3	1	256	--	464	75	74	1.5	1.7	--	655	9	1,075	8.5	98	32.7	7.3
305	Kgw	543	Mar. 19, 1971	12	--	4	2	310	--	416	314	24	.8	2.5	--	873	17	1,300	8.3	97	31.6	6.4
305	Kgw	543	Nov. 14, 1972	8	--	3	1	309	--	401	295	21	.7	< .4	--	835	11	1,320	8.4	98	39.4	6.3
308	Kcpa	1,238	Mar. 26, 1975	13	--	5	1	466	--	710	354	54	7.0	< .4	--	1,249	15	1,900	8.4	98	49.7	11.3
606	Kctm	2,411	Nov. 21, 1970	--	0.3	3	2	265	--	417	89	70	1.4	5.0	--	640	18	--	8.3	97	29.0	6.5
606	Kctm	2,411	Mar. 14, 1975	16	--	3	1	255	--	468	70	71	1.5	< .4	--	648	10	1,060	8.4	98	32.5	7.4
607	Kgw	659	July 8, 1976	12	.2	4	1	208	--	370	142	22	.5	3.9	--	575	16	895	8.3	97	24.1	5.7
608	Kctm	2,420	Feb. 12, 1976	--	.1	3	1	270	--	473	80	69	1.2	.0	--	670	10	1,000	8.3	98	34.4	7.5
901	Kcpa	1,359	June 2, 1965	14	--	7	4	696	3.6	666	864	74	5.4	3.2	--	1,998	36	2,970	8.0	98	51.9	10.2
901	Kcpa	1,359	July 23, 1975	--	1.3	11	3	710	--	630	930	85	6.3	8.3	--	2,063	40	3,692	8.2	97	48.9	9.5
48-501	Kgw	367	June 22, 1965	11	--	0	0	290	--	576	118	25	1.3	.2	--	728	4	1,200	8.2	100	--	9.4
501	Kgw	367	Nov. 10, 1971	11	--	2	2	304	--	530	161	29	1.4	3.0	--	774	13	1,200	8.7	98	36.3	8.4
501	Kgw	367	July 8, 1976	11	.1	2	1	305	--	530	162	31	1.4	3.9	--	778	8	1,200	8.8	99	43.9	8.5
601	Kgw	507	Apr. 12, 1965	--	--	2	0	324	--	570	144	39	1.9	< .4	--	744	5	1,428	8.7	99	63.1	9.2
602	Kgw	410	Feb. 21, 1961	12	--	1	0	315	--	592	139	38	1.8	--	--	797	4	1,310	8.1	99	86.7	9.6
901	Kgw	384	Nov. 13, 1972	10	--	3	2	418	--	600	332	53	2.6	2.5	--	1,118	15	1,680	8.4	98	45.8	9.5
33-25-601	Kgw	955	Mar. 17, 1975	12	--	4	1	510	--	520	520	100	1.8	8.0	--	1,412	13	2,050	8.3	99	59.1	8.2
602	Kgw	960	Mar. 12, 1975	12	--	3	1	395	--	560	311	63	2.2	3.8	--	1,066	9	1,650	8.3	99	50.4	8.9
708	Kgw	744	Mar. 13, 1975	12	--	3	1	427	--	530	429	51	1.9	3.6	--	1,189	11	1,750	8.3	99	54.5	8.4
901	Kgw	735	June 10, 1965	12	--	1	0	363	--	528	278	50	1.1	3.0	--	967	8	1,540	8.0	99	100.0	8.6
902	Kctm	2,763	Dec. 28, 1964	15	.1	4	2	312	--	520	98	91	1.7	.6	--	780	18	--	8.5	97	31.8	8.1
902	Kctm	2,763	June 25, 1965	20	--	2	1	300	1.8	552	97	84	1.6	--	--	778	10	1,310	8.1	98	43.2	8.8
902	Kctm	2,763	Mar. 11, 1975	19	.1	3	1	304	2.0	540	91	88	1.9	< .4	0.7	776	10	1,200	8.4	98	38.8	8.6
907	Kgw	913	do	12	.1	9	1	409	2.0	560	348	64	2.1	.8	2.1	1,125	26	1,700	8.1	97	34.5	8.6
26-703	Kgac	26	Mar. 19, 1971	14	--	146	4	29	--	344	60	46	.4	31.0	--	499	385	782	7.5	14	.6	.0
705	Kgw	1,005	Mar. 25, 1975	13	--	4	1	404	--	560	323	58	1.8	3.2	--	1,083	12	1,650	8.3	98	46.8	8.8
801	Kgw	944	Jan. 27, 1943	11	--	4	1	460	8.2	529	394	98	1.3	2.5	--	1,240	18	--	8.2	98	53.3	8.3

ELLIS COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
JK-33-26-801	Kgw	944	Dec. 12, 1950	16	0.1	6	6	459	--	555	407	99	2.0	< 0.4	--	--	40	--	8.3	96	31.7	--
801	Kgw	944	June 9, 1965	12	--	3	1	496	1.8	572	398	159	1.8	1.5	--	1,355	15	2,180	7.9	99	63.3	9.1
801	Kgw	944	Mar. 24, 1975	12	--	4	1	466	--	560	398	101	2.4	< .4	--	1,260	12	1,900	8.3	99	54.0	8.8
802	Kgw	1,171	June 3, 1965	13	--	2	0	448	2.1	608	380	74	1.9	.2	--	1,220	8	1,930	8.0	99	87.2	9.8
805	Kgw	1,100	Aug. 5, 1965	13	--	2	1	473	1.7	562	450	91	1.7	--	2.4	1,312	12	2,080	8.0	99	68.2	9.0
815	Kgw	1,100	Apr. 3, 1975	13	--	5	1	381	--	530	338	47	1.5	2.1	--	1,049	16	1,600	8.2	98	40.7	8.3
816	Kctm	3,280	Feb. 12, 1975	--	.1	11	4	473	--	532	238	270	1.7	.0	--	1,259	44	2,100	8.1	96	31.0	7.8
817	Kctm	3,092	Oct. 12, 1977	--	.3	4	2	406	--	530	192	166	1.7	.0	--	1,052	18	1,700	8.1	98	41.3	8.3
902	Kctm	3,178	Feb. 17, 1972	--	.2	6	2	491	--	509	116	367	1.5	.2	--	1,234	22	2,000	8.2	98	44.3	7.8
902	Kctm	3,178	Mar. 12, 1975	18	--	7	2	480	--	530	119	371	2.1	< .4	--	1,260	26	2,070	8.2	98	41.1	8.1
27-801	Kgw	1,447	Feb. 23, 1971	20	--	7	2	461	--	630	142	266	2.8	1.5	--	1,212	27	1,900	8.3	98	39.5	9.8
901	Kgw	1,493	June 24, 1960	--	--	5	1	570	--	797	380	175	.4	< .4	--	1,523	14	2,735	8.3	99	60.8	12.7
901	Kgw	1,493	Sept. 5, 1967	--	.3	4	1	610	--	787	395	197	4.1	< .4	--	1,598	14	2,856	8.4	99	70.7	12.6
901	Kgw	1,493	Mar. 13, 1975	13	--	4	1	600	--	820	371	185	5.0	< .4	--	1,582	17	2,350	7.9	99	69.5	13.1
901	Kgw	1,493	June 9, 1975	14	--	4	1	600	--	610	520	181	4.5	< .4	--	1,624	13	2,400	7.1	99	69.5	9.7
28-703	Kgw	1,350	Apr. 29, 1971	15	--	5	4	690	--	920	319	338	4.9	< .4	--	1,828	30	2,710	8.3	98	55.8	14.5
703	Kgw	1,350	July 8, 1976	16	.2	4	2	660	--	930	296	277	4.9	< .4	--	1,717	18	2,600	8.2	99	67.2	14.8
33-101	Kctm	2,412	Apr. 30, 1958	--	--	3	0	241	--	482	75	72	1.1	1.6	--	630	10	1,069	8.1	98	38.3	7.7
101	Kctm	2,412	June 3, 1965	18	--	2	1	262	1.6	490	76	69	1.1	.2	--	671	10	1,130	8.0	98	37.7	7.8
101	Kctm	2,412	July 8, 1976	18	--	3	1	255	--	473	73	72	1.2	< .4	--	656	11	1,055	8.5	98	32.5	7.5
102	Kctm	2,512	Jan. 27, 1943	15	--	4	1	263	6.8	467	77	73	1.9	--	--	671	16	--	8.2	96	30.4	7.3
102	Kctm	2,512	Nov. 11, 1953	28	.1	3	4	292	--	488	157	67	1.1	2.2	--	800	24	--	8.4	96	25.9	--
102	Kctm	2,512	Mar. 13, 1975	2	--	4	1	339	--	428	269	72	1.3	2.1	--	900	14	1,450	8.7	98	39.2	6.7
103	Kgw	699	Jan. 27, 1943	8	--	5	1	378	6.8	408	368	45	.6	.0	--	1,013	16	--	8.4	97	40.3	6.3
103	Kgw	699	Nov. 11, 1953	25	.1	3	4	354	--	482	319	46	1.0	< .4	--	970	24	--	8.5	97	31.4	--
106	Kgw	735	Mar. 25, 1975	11	--	1	1	230	--	417	136	19	.9	2.6	--	606	5	960	8.3	99	38.9	6.7
501	Kgw	780	Mar. 18, 1971	12	--	4	1	339	--	464	329	30	.8	< .4	--	944	17	1,410	8.4	98	39.2	7.3
501	Kgw	780	July 8, 1976	12	.0	3	1	341	--	465	315	34	.7	2.8	--	938	10	1,430	8.3	98	43.5	7.3
34-102	Kgw	952	Mar. 14, 1975	12	--	4	1	345	2.0	530	224	56	1.3	4.3	1.5	911	13	1,450	8.4	98	39.9	8.4
301	Kctm	3,285	Dec. 17, 1965	20	.1	5	2	493	--	646	142	275	3.0	.8	1.1	1,259	2	2,070	8.0	98	47.1	10.1
301	Kctm	3,285	Mar. 12, 1975	79	--	5	1	470	4.0	620	145	271	3.0	< .4	1.0	1,284	19	2,000	8.3	98	50.2	9.8
404	Kgw	1,000	July 22, 1965	14	--	2	1	547	1.8	682	440	142	3.2	3.2	3.5	1,493	14	2,370	7.9	99	78.8	10.9

ELLIS COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
JK-33-34-702	Kctm	2,950	Jan. 15, 1943	21	--	5	2	429	7.2	494	112	288	1.7	3.0	--	1,111	22	--	8.4	97	41.0	7.6
702	Kctm	2,950	July 6, 1948	20	--	4	1	427	4.8	492	112	275	2.0	.8	.9	1,089	19	1,920	8.1	98	49.4	7.7
702	Kctm	2,950	Feb. 21, 1961	16	--	6	2	461	--	500	165	315	1.7	--	--	1,212	28	2,100	7.9	98	41.6	7.7
703	Kctm	2,950	June 4, 1948	20	--	5	3	414	4.8	480	113	262	1.8	.8	--	1,060	26	1,890	8.5	97	36.1	7.3
703	Kctm	2,950	Dec. 12, 1953	33	0.1	5	2	423	--	--	115	263	1.6	< .4	--	1,185	21	--	8.3	98	40.4	--
704	Kctm	2,878	Feb. 28, 1952	23	--	3	1	348	--	563	109	132	1.8	--	--	894	13	1,470	8.2	98	44.4	8.9
704	Kctm	2,878	Jan. 7, 1976	--	.5	2	1	322	--	436	96	131	1.5	< .4	--	811	11	1,562	9.2	99	46.4	6.9
711	Kcw-Kgw	1,521	July 6, 1948	12	--	229	106	1,420	20.0	168	3,680	95	2.8	.5	2.0	5,649	1,060	6,840	7.1	75	19.4	.0
712	Kctm	2,907	June 4, 1948	20	--	4	3	436	4.8	476	121	292	1.8	.8	--	1,117	23	1,980	8.7	97	40.1	7.3
712	Kctm	2,907	Mar. 24, 1949	22	--	4	1	462	--	520	167	288	1.8	--	.4	1,201	16	1,930	8.2	99	53.5	8.2
35-501	Kgw	1,472	Jan. 27, 1943	23	--	5	2	782	7.6	874	293	454	4.8	10.0	--	2,011	23	--	8.2	98	74.7	13.9
501	Kgw	1,472	Feb. 23, 1961	14	--	3	2	765	--	904	284	448	3.9	.2	--	1,964	15	3,230	7.7	99	83.9	14.5
503	Kgw	1,522	Mar. 24, 1964	15	.2	3	1	527	--	773	300	120	.0	.0	--	1,348	13	--	8.3	99	67.3	12.4
503	Kgw	1,522	Aug. 6, 1965	15	--	1	1	523	1.9	808	316	114	4.0	--	4.8	1,377	10	2,190	8.0	99	88.5	13.1
503	Kgw	1,522	Mar. 17, 1975	13	--	3	1	520	--	760	299	118	4.6	9.0	--	1,341	12	2,050	--	99	66.4	12.2
701	Kgw	1,303	July 30, 1965	14	--	2	0	532	--	822	320	105	4.3	--	--	1,381	9	2,170	7.7	99	103.6	13.3
702	Kgw	1,321	do	14	--	3	0	537	2.1	818	352	105	3.6	.2	4.4	1,423	11	2,240	8.0	99	85.4	13.2
702	Kgw	1,321	July 8, 1976	13	.3	3	1	530	--	790	338	114	4.5	5.4	--	1,397	11	2,060	8.5	99	67.7	12.7
36-201	Kgw	1,982	Aug. 3, 1965	18	--	4	0	729	--	944	448	234	3.8	.2	--	1,901	13	2,990	7.9	99	100.3	15.2
201	Kgw	1,982	Apr. 30, 1971	17	--	4	3	680	--	920	435	229	5.1	3.6	--	1,829	21	2,640	8.3	98	62.6	14.6
201	Kgw	1,982	Nov. 7, 1973	15	--	3	2	710	--	920	414	240	5.4	8.0	--	1,849	16	2,730	8.3	99	77.9	14.7
201	Kgw	1,982	July 8, 1976	16	.1	4	1	690	--	920	400	240	5.1	6.0	--	1,814	15	2,700	8.3	99	79.9	14.7
41-202	Kgw	727	June 16, 1965	13	--	0	0	269	--	552	93	25	1.2	.2	--	672	4	1,100	8.0	100	--	9.0
202	Kgw	727	Mar. 19, 1971	12	--	3	1	270	--	550	104	33	1.2	1.5	--	696	12	1,094	8.5	98	34.4	8.7
203	Kctm	2,564	Jan. 27, 1975	--	.1	2	1	303	--	500	84	78	1.3	.0	--	715	8	1,220	8.4	99	43.7	8.0
501	Kctm	2,606	June 25, 1965	20	--	2	1	297	1.8	556	86	76	1.4	--	--	758	10	1,270	8.0	98	42.8	8.9
501	Kctm	2,606	May 11, 1976	--	.2	4	1	302	--	530	87	85	1.4	< .4	--	760	9	1,360	8.7	98	35.0	8.4
502	Kgw	802	Mar. 18, 1975	11	--	3	1	474	--	670	355	94	4.1	5.1	--	1,276	12	1,995	8.3	99	60.5	10.7
42-105	Kgw	1,063	Aug. 24, 1977	--	--	3	1	456	--	658	320	78	2.8	1.1	--	1,200	11	2,093	8.5	99	58.2	10.5
201	Kgw	1,285	Aug. 10, 1965	13	--	2	1	488	--	762	304	86	3.5	.2	--	1,272	10	--	7.8	99	70.3	12.3
701	Kgw	940	Jan. 27, 1943	11	--	5	1	645	8.0	706	501	195	5.0	8.2	--	1,726	20	1,756	8.4	98	68.9	11.2
701	Kgw	940	Aug. 12, 1953	29	.3	10	11	644	--	738	586	181	3.6	< .4	--	1,770	70	--	8.4	95	33.4	--

ELLIS COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

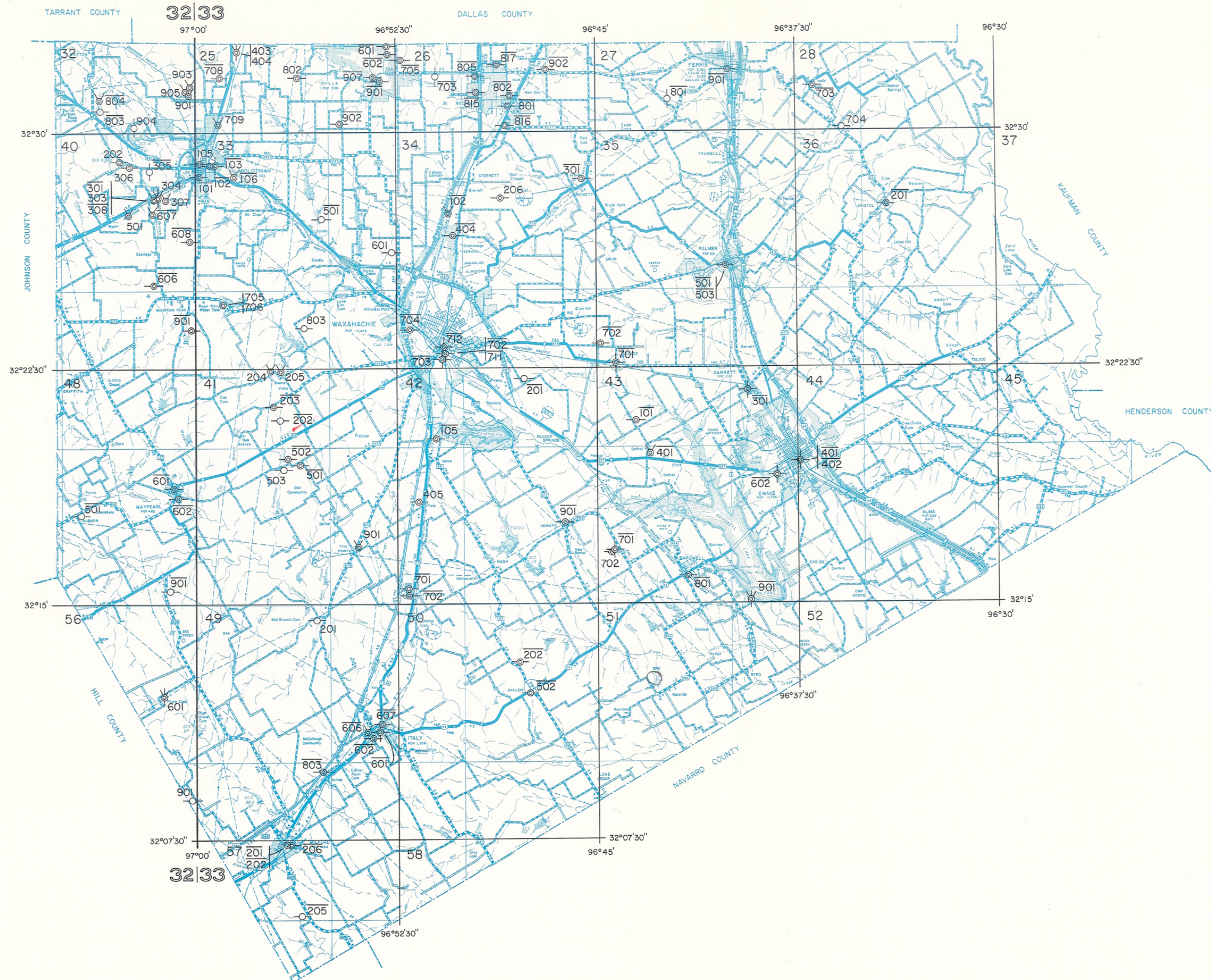
Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
JK-33-42-701	Kgw	940	Feb. 23, 1961	12	--	3	1	624	--	722	498	178	3.6	0.8	--	1,675	14	2,650	7.8	99	79.7	11.6
702	Kctm	2,850	July 24, 1964	--	--	24	25	270	4.4	360	82	250	1.9	.8	--	835	61	--	8.4	78	9.2	2.6
702	Kctm	2,850	Mar. 19, 1975	22	--	8	2	500	--	510	152	371	2.4	1.1	--	1,309	27	2,120	8.1	97	40.9	7.7
901	Kgw	1,238	July 20, 1965	14	--	2	1	644	2.4	900	426	164	4.7	3.5	--	1,704	14	2,700	8.1	99	92.8	14.5
901	Kgw	1,238	Mar. 19, 1975	13	--	3	1	610	--	870	387	154	5.8	6.0	--	1,607	14	2,360	8.3	99	77.9	14.0
43-101	Kgw	1,370	Nov. 7, 1975	--	0.3	3	1	541	--	775	306	112	4.2	.0	--	1,348	11	1,800	8.5	99	69.1	12.4
301	Kgw	1,350	Feb. 27, 1957	--	.9	5	4	1,120	--	1,002	16	1,310	.2	< .4	--	2,957	31	--	7.9	99	90.5	15.8
301	Kgw	1,350	Aug. 9, 1965	15	--	6	4	1,200	4.7	988	22	1,290	--	4.5	--	3,032	32	--	7.7	98	93.1	15.5
401	Kgw	1,350	Apr. 3, 1975	13	--	3	1	620	--	890	349	160	5.6	< .4	--	1,589	10	2,330	8.4	99	79.2	14.3
602	Kgw	1,806	Apr. 12, 1953	20	.2	14	4	779	--	--	504	280	3.6	< .4	--	2,094	52	--	8.1	97	47.2	--
602	Kgw	1,806	Feb. 23, 1965	--	.8	5	2	770	--	970	487	266	5.6	< .4	--	2,013	18	3,616	8.2	99	73.6	15.4
701	Kgw	1,240	July 15, 1965	15	--	3	2	696	2.5	976	432	210	5.9	.8	--	1,847	16	2,980	8.0	99	76.3	15.6
801	Kgw	1,517	Feb. 13, 1961	16	--	2	1	712	--	944	418	239	5.1	.2	--	1,857	11	2,950	7.8	99	102.6	15.2
801	Kgw	1,517	Mar. 23, 1968	--	--	5	1	730	--	960	428	256	6.4	< .4	--	1,900	16	3,380	8.2	99	77.9	15.4
801	Kgw	1,517	Mar. 19, 1975	13	--	5	1	720	--	950	409	245	7.9	7.0	--	1,875	16	2,750	8.3	99	76.9	15.2
901	Kgw	1,659	Aug. 17, 1965	15	--	4	1	881	--	1,060	480	400	--	1.2	--	2,303	18	3,600	8.1	99	102.1	17.0
44-401	Kgw	1,796	Mar. 27, 1943	10	.1	5	2	785	--	990	488	277	5.6	.5	--	2,059	20	--	8.2	99	75.0	15.8
401	Kgw	1,796	Mar. 21, 1949	16	--	3	2	807	--	1,020	503	280	7.0	.5	2.6	2,122	20	3,300	7.9	99	88.5	16.4
401	Kgw	1,796	Apr. 12, 1953	25	.2	11	4	773	--	--	505	266	2.4	< .4	--	2,082	44	--	8.2	97	50.7	--
402	Kgw	1,821	Jan. 27, 1943	11	.3	5	2	807	9.0	983	500	285	6.0	.8	--	2,112	20	--	8.4	98	77.1	15.6
402	Kgw	1,821	Apr. 12, 1953	26	.2	18	4	783	--	--	507	280	2.8	< .4	--	2,122	62	--	8.1	96	43.4	--
402	Kgw	1,821	Feb. 21, 1961	15	--	3	2	792	--	1,010	488	275	4.8	.5	--	2,076	14	3,280	7.8	99	86.9	16.2
402	Kgw	1,821	Aug. 25, 1965	17	--	3	1	800	2.8	1,010	508	282	6.4	4.5	--	2,121	17	3,310	7.9	99	102.2	16.3
49-601	Kgw	881	Mar. 28, 1938	17	.9	6	6	578	--	718	500	122	3.0	4.4	--	1,600	39	--	8.5	97	39.9	--
601	Kgw	881	Jan. 28, 1943	14	.3	4	2	569	11.0	618	514	111	3.3	.2	--	1,535	18	--	8.4	97	58.0	9.7
601	Kgw	881	Mar. 21, 1949	14	.2	3	2	580	--	692	514	112	4.8	4.0	1.8	1,577	14	2,380	8.0	99	63.6	11.0
601	Kgw	881	Apr. 12, 1953	17	.1	10	2	564	--	713	494	114	4.8	< .4	--	1,592	33	--	8.3	97	42.6	--
602	Kgw	935	May 18, 1957	12	.2	4	1	553	--	671	482	102	--	--	--	1,485	15	2,380	8.4	99	64.0	10.7
602	Kgw	935	Aug. 24, 1965	13	--	2	1	551	2.0	692	484	107	3.4	3.5	4.0	1,511	14	2,370	7.8	99	79.4	11.1
602	Kgw	935	Mar. 24, 1975	12	--	4	1	550	--	670	488	107	4.0	.5	--	1,495	13	2,190	8.0	99	63.7	10.4
606	Kgw	939	Apr. 3, 1975	12	--	4	2	570	--	660	550	111	3.8	< .4	--	1,577	16	2,300	8.2	98	58.1	10.4
607	Kctm	2,840	Feb. 12, 1976	--	.1	8	2	532	--	471	252	370	1.5	.0	--	1,408	29	2,000	8.0	98	43.5	7.1
607	Kctm	2,840	Sept. 22, 1976	20	--	6	4	520	--	487	228	383	1.8	< .4	--	1,402	32	2,310	8.0	97	40.3	7.3

ELLIS COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

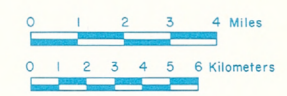
Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
JK-33-49-803	Kctm	2,700	May 3, 1968	--	0.9	9	3	369	--	537	116	197	1.2	1.0	--	961	36	1,380	7.8	96	27.2	8.1
803	Kctm	2,700	July 8, 1976	21	--	9	2	354	3.0	550	110	183	2.0	< .4	--	954	32	1,550	8.3	96	27.8	8.4
50-202	Kctm	3,204	Jan. 27, 1976	--	.5	6	1	429	--	629	164	177	2.8	.0	--	1,100	19	1,450	8.0	98	42.7	9.9
202	Kctm	3,204	Sept. 22, 1976	22	--	5	1	419	--	640	153	176	2.8	< .4	--	1,093	19	1,750	8.3	98	44.7	10.1
502	Kgw	1,238	June 29, 1965	14	--	3	1	693	2.5	952	498	172	5.7	--	--	1,857	15	2,920	8.0	99	88.5	15.3
502	Kgw	1,238	Apr. 30, 1971	13	--	3	2	600	--	860	391	141	5.0	< .4	--	1,578	17	2,290	8.3	99	65.8	13.7
502	Kgw	1,238	Nov. 6, 1973	12	--	3	2	610	--	850	389	149	5.2	7.0	--	1,595	14	2,350	8.3	99	66.9	13.6
502	Kgw	1,238	July 8, 1976	20	.3	5	2	418	4.0	630	175	176	2.8	.5	--	1,113	19	1,720	8.3	97	39.9	9.9
57-201	Kctm	2,592	Mar. 21, 1949	20	--	14	7	379	--	500	287	111	1.4	1.2	.8	1,067	63	1,690	8.4	93	20.6	6.9
201	Kctm	2,592	Feb. 1, 1962	--	--	26	11	415	--	473	440	98	2.0	.7	--	1,225	110	--	--	89	17.2	5.5
201	Kctm	2,592	July 8, 1976	10	--	3	1	500	--	560	500	82	2.2	3.5	--	1,377	13	2,040	8.6	99	63.8	8.9
202	Kgw	900	June 4, 1965	12	--	3	2	514	2.0	612	516	79	2.0	.2	2.5	1,433	14	2,250	8.2	98	56.4	9.7
202	Kgw	900	Mar. 20, 1975	12	.9	6	1	496	2.0	570	540	67	2.2	4.0	--	1,411	19	2,050	8.1	98	49.3	8.9
205	Kgw	822	July 14, 1965	14	--	1	0	356	--	674	151	48	1.4	.2	--	903	7	1,450	8.2	99	98.0	10.9
206	Kgw	865	Sept. 24, 1976	--	.2	4	2	511	--	493	533	67	1.5	.0	--	1,410	17	2,000	8.7	98	52.1	7.7





**EXPLANATION**

- Public supply well
- ⊗ Industrial well
- ⊙ Irrigation well
- Domestic or livestock well
- ⊕ Oil or gas well
- ⊗ Test hole
- ⊗ Unused or abandoned well
- Solid circle indicates flowing well
- 201 Line above well number indicates chemical analysis given in Table 4



Base Map from Texas Department of Highways and Public Transportation

Location of Selected Water, Oil, and Gas Wells in Ellis County



FANNIN COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.  
 Water level : Reported water levels given in feet; measured water levels given to the nearest tenth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; E, electric; G, gasoline, butane or diesel engine; H, hand; J, jet; N, none;  
 S, submersible, T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Kcpa, Paluxy Formation, Kga, Austin Group; Kgw, Woodbine Group; Qal, Alluvium.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
JS-17-09-201	Riverby School	--	1954	20	2	20	Qal	480	9	Dec. 1959	N	N	Destroyed municipal well.
501	Beachel Fair	--	1958	35	8	35	Qal	490	11.5	Nov. 23, 1959	N	N	Reported yield 75 gal/min. Destroyed irrigation well.
502	do	--	1958	35	8	35	Qal	490	11.4	Nov. 22, 1959	N	N	Do.
503	do	--	1958	35	8	35	Qal	490	--	--	N	N	Do.
* 504	Wesley Slagle	Wesley Slagle	1948	22	2	20	Qal	--	11	July 25, 1961	C, E 1/3	D, S	--
* 17-401	Ray Taylor	Gaulden Water Wells	1966	1,236	4	1,236	Kgw	489	197.9 216.1	Sept. 4, 1970 Nov. 16, 1976	S, E 2	D	Cemented to bottom and gun perforated. Pump set at 335 ft. Drawdown 20 ft pumping 15 gal/min when drilled. <u>1 2 3</u>
* 602	Selfs Water Supply Corporation	Layne-Texas Co.	1963	1,208	5 2	1,110 1,208	Kgw	620	280 231.4	July 15, 1971 Nov. 18, 1975	S, E 7 1/2	P	Cemented to 1,110 ft. Screened from 1,115-1,140 and 1,148-1,198 ft. Gravel packed. Pump set at 320 ft. Pumping level 329 ft at 50 gal/min when drilled. Temp. 90°F. <u>1 2 3</u>
* 25-301	City of Honey Grove	--	1911	1,673	8 6	973 1,583	Kgw	650	138 280.0 316	1921 Sept. 6, 1945 Apr. 1959	N	N	Completed from 1,585-1,669 ft. Reported yield 320 gal/min in 1943 with a drawdown of 30 ft. Capped in 1975. Temp. 91°F. Abandoned Municipal well. <u>1 2 3</u>
* 302	do	Layne-Texas Co.	1948	1,660	10 8 6	709 1,574 1,660	Kgw	640	323.0 338.0	Apr. 1959 Nov. 16, 1976	T, E 75	P	Cemented to 1,574 ft. Screened from 1,578-1,648 ft. Pump set at 450 ft. Drawdown 33 ft pumping 300 gal/min when drilled. <u>1 2 3</u>
* 303	do	Key Water Well Drilling and Development	1968	1,727	10 6	1,640 1,727	Kgw	660	400 498.0	Aug. 9, 1968 Dec. 17, 1975	T, E 100	P	Cemented to 1,640 ft. Screened from 1,640-1,700 ft. Underreamed. Gravel packed. Pump set at 650 ft. Drawdown 67 ft pumping 400 gal/min when drilled. <u>1 2 3</u>
* 401	City of Windom	Layne-Texas Co.	1936	1,691	6 5	1,612 1,691	Kgw	690	229 450.0	1936 Nov. 16, 1976	S, E 20	P	Perforated from 1,620-1,691 ft. Pump set at 700 ft. Reported yield 35 gal/min. Temp. 93°F. <u>1 2 3</u>
* 33-501	Ladonia Water Supply Corporation	do	1963	3,366	8 7 4	1,014 3,078 3,366	Kcpa	630	192.3 193.5	Dec. 1970 Nov. 11, 1971	T, E 15	P	Cemented to 3,078 ft. Screened from 3,091-3,111 and 3,161-3,225 ft. Pump set at 280 ft. Drawdown 47 ft pumping 235 gal/min when drilled. Pumping level 255 ft on Nov. 14, 1972, and 237 ft on Nov. 5, 1974. Destroyed. Temp. 120°F. <u>1 2 3</u>
* 502	do	W. E. Tomerlin	1911	2,551	8 6 4	-- 1,800 2,551	Kgw	630	100 339.0	1912 Oct. 15, 1959	N	N	Perforated from 2,426-2,513 ft. Pumping level 286 ft at 75 gal/min on Sept. 15, 1943. Destroyed. Temp. 103°F. <u>1 2 3</u>
503	do	J. L. Myers Sons	1951	2,541	--	--	Kgw	630	--	--	N	N	Test hole. <u>2</u>
* 701	North Hunt Water Supply Corporation	do	1973	3,345	8 4	3,180 3,345	Kcpa	645	245	Oct. 27, 1973	S, E 25	P	Cemented to 3,180 ft. Screened from 3,225-3,246; 3,253-3,295; and 3,311-3,332 ft. Underreamed. Gravel packed. Pump set at 400 ft. Pumping level 308 ft on Feb. 9, 1977. <u>1 2 3</u>
* 34-101	Dial Water Supply Corporation	do	1965	3,063	10 7	47 3,063	Kcpa	560	235.0 167.2	Nov. 15, 1973 Nov. 16, 1976	S, E 10	P	Cemented to bottom. Gun perforated from 2,949-2,966 and 2,986-3,002 ft. Pump set at 410 ft. Drawdown 160 ft pumping 90 gal/min when drilled. <u>1 2 3</u>
18-14-901	Loyd Venable	Jim McClure	--	51	12	51	Qal	505	14.2	Oct. 12, 1959	N	N	Abandoned irrigation well. Reported yield 196 gal/min.

See footnotes at end of table.

## FANNIN COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
JS-18-14-902	B. G. Sanford	Jim McClure	1950	53	12	53	Qa1	506	19 17.1	Feb. 17, 1959 1977	N	N	Abandoned irrigation well. Drawdown 31 ft pumping 320 gal/min Oct. 1959. <u>u</u>
903	R. Moore	--	1956	53	12	53	Qa1	500	13.5 15.9	Oct. 12, 1959 Feb. 17, 1977	T, G 54	Irr	Reported yield 400 gal/min.
904	Carl Baker	--	--	220	6	--	Kgw	--	10	1959	J, E	D	--
905	Roseley Overton	--	1950	52	8	--	Qa1	503	12	Oct. 1959	N	N	Reported yield 500 gal/min. Destroyed irrigation well.
* 906	J. E. Venable Estate	O. W. Witherspoon	1937	220	6	--	Kgw	505	16.5 14.9	June 20, 1960 Feb. 17, 1977	J, E 1/2	D, S	<u>y</u>
* 907	B. Scarbrough	--	1935	280	6 2	--	Kgw	--	25.8	May 24, 1960	J, E 1/2	D	Open end completion. Pump set at 75 ft.
908	Billy Rader	Hughes Drilling Co.	1957	46	12	46	Qa1	502	8.7	do	T, G 30	Irr	Screened from 35-45 ft. Pump set at 45 ft. Reported yield 300 gal/min.
* 909	do	do	1955	45	12	45	Qa1	502	7.7 10.1	Feb. 17, 1977	T, G 40	Irr	Perforated. Reported yield 300 gal/min. Temp. 65°F.
910	B. G. Sanford	Strittmatter Irrigation and Supply	1975	60	12	60	Qa1	505	14	Apr. 1975	T, G 40	Irr	Reported yield 500 gal/min.
* 15-902	Clifford Lawrence	Gaulden Water Wells	1960	489	4	--	Kgw	558	73.7 74.4	Sept. 4, 1970 Nov. 15, 1976	S, E 1	D	<u>y</u>
16-901	Telephone School	O. W. Witherspoon	1944	85	6	85	Qa1	562	35 44.9	Feb. 17, 1959 1977	J, E 1	D	--
22-201	Jerry Hall	Gaulden Water Wells	1965	56	12	56	Qa1	506	20	Feb. 1965	T, G	N	Abandoned irrigation well. Slotted from 48-56 ft. Gravel packed. Drawdown 30 ft pumping 350 gal/min when drilled. <u>u</u>
202	do	Strittmatter Irrigation and Supply	1975	65	12	65	Qa1	505	--	--	T, G 40	Irr	Perforated from 55-65 ft. Gravel packed. Reported yield 800 gal/min.
203	do	do	1975	65	12	65	Qa1	505	--	--	T, G 40	Irr	Perforated from 55-65 ft. Gravel packed.
204	Johnny Hall	do	1975	65	12	65	Qa1	505	17.2	Feb. 18, 1977	T, G 40	Irr	Perforated from 55-65 ft. Gravel packed. Reported yield 500 gal/min.
205	Lester Hall	do	1975	60	12	60	Qa1	499	--	--	T, G 40	Irr	Perforated from 45-55 ft. Gravel packed. Reported yield 800 gal/min.
301	do	Hughes Drilling Co.	1957	57	12	57	Qa1	502	13	Oct. 1959	T, G 35	Irr	Reported yield 550 gal/min.
302	Audrey Cane	--	1957	51	12	51	Qa1	502	13.2 14.4	Oct. 12, 1959 Feb. 17, 1977	T, G 28	Irr	--
* 303	J. P. Cave	--	1955	54	12	54	Qa1	495	1.5 10.3	Oct. 12, 1959 Feb. 17, 1977	T, E 5	Irr	Temp. 68°F.
304	Lester Hall	Hughes Drilling Co.	1957	56	12	56	Qa1	502	12.0 12.3	Oct. 12, 1959 Feb. 18, 1977	T, E 5	Irr	Reported yield 400 gal/min.
305	do	--	1955	50	12	50	Qa1	502	12.1 12.6	Oct. 12, 1959 Feb. 18, 1977	T, E 7 1/2	Irr	Do.

See footnotes at end of table.

## FANNIN COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
JS-18-22-306	E. Donaldson	Katy Drilling Inc.	1969	70	12	70	Qal	502	9 12.5	Aug. 25, 1969 Feb. 18, 1977	T, G 40	Irr	Perforated from 40-53 ft. Gravel packed. Reported yield 500 gal/min. Drawdown 56 ft pumping 480 gal/min when drilled. <u>1</u>
307	Leonard Bailey	Gaulden Water Wells	1967	56	12	56	Qal	503	15 15.4	June 1967 Feb. 17, 1977	T, G 90	Irr	Slotted from 46-56 ft. Gravel packed. Drawdown 35 ft pumping 700 gal/min when drilled. <u>1</u>
308	Jerry Hall	Westbrook Drilling Co.	1973	66	12	66	Qal	505	14.4	Feb. 18, 1977	T, G 40	Irr	Perforated from 55-66 ft.
309	do	Strittmatter Irrigation and Supply	1975	66	12	66	Qal	505	19.5	do	T, G 40	Irr	Perforated from 55-66 ft. Reported yield 500 gal/min.
310	do	Katy Drilling Co.	1969	92	12	70	Qal	545	29.4	do	T, G 40	Irr	Slotted from 0-70 ft.
311	Lester Hall	Gaulden Water Wells	1966	60	12	60	Qal	504	--	--	T, G 40	Irr	Perforated from 45-55 ft. Gravel packed. Reported yield 750 gal/min.
601	F. Agnew	--	--	58	12	58	Qal	553	37.4 37.8	Oct. 12, 1959 Feb. 17, 1977	T, E 10	Irr	Reported yield 100 gal/min.
602	do	Gaulden Water Wells	1966	45	12	45	Qal	554	30 31.2	Apr. 1966 Feb. 17, 1977	T, E 3	Irr	Screened from 33-45 ft. Gravel packed. Drawdown 14 ft pumping 75 gal/min when drilled. <u>1</u>
* 701	Texas Power and Light Co.	Layne-Texas Co.	1959	383	20 10	309 383	Egw	605	168.5	Jan. 28, 1960	T, E 50	Ind	Cemented to 377 ft. Screened from 313-368 ft. Underreamed. Gravel packed. Plugged back from 651 ft. Pump set at 290 ft. Drawdown 57 ft pumping 305 gal/min on Jan. 29, 1960. Pumping level 271 ft on Feb. 10, 1977. Temp. 72°F. <u>1 2</u>
* 702	do	do	1965	420	20 10	314 420	Egw	605	187.0	July 19, 1965	T, E 50	Ind	Cemented to 316 ft. Screened from 326-366; 378-383; and 390-400 ft. Underreamed. Gravel packed. Pump set at 300 ft. Drawdown 85.8 ft pumping 402 gal/min on July 19, 1965. Pumping level 273 ft on Feb. 10, 1977. <u>1 2</u>
* 801	Morris Ballew	O. W. Witherspoon	1968	179	7 5 4	56 165 179	Egw	598	100 101.9 70.8	Nov. 20, 1968 Sept. 3, 1970 Nov. 15, 1976	S, E 3/4	N	Cemented to 165 ft. Perforated from 165-178 ft. <u>1 2 3</u>
* 802	Billy Waggoner	Billy Waggoner	1969	70	4	60	Egw	610	24.8 26.4	July 16, 1971 Nov. 15, 1976	J, E	D, S	Open hole completion. <u>3</u>
23-101	Harold Walker	--	1956	48	12	48	Qal	543	29.8 30.1	Oct. 12, 1959 Feb. 18, 1977	T, G 40	Irr	--
* 102	A. E. Sewell	--	1956	49	10	--	Qal	541	30.0 29.3	Oct. 12, 1959 Feb. 19, 1977	T, B	Irr	Reported yield 200 gal/min. Temp. 63°F.
103	Harold Walker	Gaulden Water Wells	1966	48	12	48	Qal	502	28.5	Feb. 18, 1977	T, E 2	Irr	--
301	North Fannin School	-- Pernel	1953	800	8 4	90 --	Egw	600	8.0 61.1	Dec. 3, 1959 Nov. 15, 1976	N	N	Measured yield 4.2 gal/min on Dec. 3, 1959. Abandoned municipal well. <u>3</u>
401	Steve Carroll	George Warren	1959	70	8	70	Qal	570	36.8	Oct. 12, 1959	N	N	Reported yield 230 gal/min. Destroyed irrigation well. <u>1</u>
* 402	Ravenna-Nunnellee Water Supply Corporation	Lanford Drilling Co.	1966	768	8 4	644 734	Egw	595	217.0	Dec. 9, 1976	S, E 10	P	Cemented to 644 ft. Screened from 644-686 and 713-734 ft. Underreamed. Gravel packed. Pump set at 463 ft. Measured yield 38 gal/min on Dec. 9, 1976. Temp. 77°F.

See footnotes at end of table.

FANNIN COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
JS-18-23-403	Blanton Hanes	Gaulden Water Wells	1965	65	12	65	Qa1	550	24.6	Feb. 10, 1977	T, E 5	Irr	Slotted.
404	do	do	1966	71	12	71	Qa1	552	30 24.4	Apr. 1966 Feb. 10, 1977	T, E 7 1/2	Irr	Slotted from 61-71 ft. Drawdown 35 ft pumping 350 gal/min when drilled. <u>1</u>
405	B. Banks	do	1966	56	12	56	Qa1	560	30 26.7	Apr. 1966 Feb. 10, 1977	T, E 2	Irr	Slotted from 41-53 ft. Gravel packed. Drawdown 12 ft pumping 107 gal/min when drilled. <u>1</u>
406	do	do	1967	56	10	56	Qa1	560	27.3	Feb. 10, 1977	T, E 3	Irr	Screened from 40-52 ft. Gravel packed.
* 601	White Shed Water Supply Corporation	J. L. Myers Sons	1975	1,087	7 3	975 1,087	Kgw	600	260.0 281.0	May 16, 1975 Dec. 8, 1976	S, E 20	P	Cemented to 975 ft. Screened from 975-1,011, 1,030-1,061; and 1,074-1,084 ft. Underreamed. Gravel packed. Pump set at 451 ft. Drawdown 26 ft pumping 103 gal/min when drilled. <u>1</u> <u>2</u>
602	Jim Alexander	Gaulden Water Wells	1964	75	12	75	Qa1	602	35 47.2	Feb. 10, 1964 1977	T, E 5	Irr	Perforated from 65-75 ft. Gravel packed. Drawdown 35 ft pumping 217 gal/min when drilled. <u>1</u>
* 701	Ravenna-Nunnellee Water Supply Corporation	J. L. Myers Sons	1974	1,047	7 3	965 1,047	Kgw	660	328.0 348.0	Sept. 16, 1974 Dec. 9, 1976	S, E 10	P	Cemented to 965 ft. Screened from 968-978; 986-991; and 1,000-1,021 ft. Underreamed. Gravel packed. Pump set at 520 ft. Drawdown 105 ft pumping 55 gal/min when drilled. <u>1</u> <u>2</u>
* 801	Bob Hodge	Hughes Drilling Co.	1956	55	8	55	Qa1	602	41.3 42.6	Oct. 12, 1959 Feb. 16, 1977	T, E 5	Irr	Measured yield 210 gal/min on Aug. 5, 1960. <u>1</u>
802	do	do	1956	49	8	49	Qa1	600	37.5 38.4	Oct. 7, 1959 Feb. 16, 1977	T, E 3	Irr	Reported yield 175 gal/min.
803	do	do	1956	49	8	49	Qa1	600	37.5	Feb. 16, 1977	T, E 2	Irr	Reported yield 75 gal/min.
804	J. L. Kerr	J. L. Kerr	1947	33	8	33	Qa1	605	25.4	May 24, 1960	J, E 1/2	D	--
* 805	White Shed Water Supply Corporation	J. L. Myers Sons	1972	1,136	7 3	968 1,136	Kgw	605	310.0 280.0	July 18, 1972 Dec. 8, 1976	S, E 15	P	Cemented to 968 ft. Screened from 968-994 and 1,050-1,076 ft. Underreamed. Gravel packed. Pump set at 450 ft. Drawdown 45 ft pumping 100 gal/min when drilled. <u>1</u> <u>2</u>
24-401	Don Teis	Gaulden Water Wells	1972	1,147	10 6	1,000 1,110	Kgw	600	158	1972	T, G 65	Irr	Cemented from 900-1,000 ft. Screened from 1,004-1,022; 1,029-1,037; 1,045-1,051; 1,064-1,078; 1,084-1,094; and 1,100-1,107 ft. Underreamed. Gravel packed. Reported yield 500 gal/min. <u>1</u> <u>2</u>
902	L. Renfrow	J. L. Myers Sons	1972	1,420	8 5	20 1,414	Kgw	550	300	Feb. 22, 1972	S, E 1 1/2	D	Cemented to 1,414 ft. Gun perforated. Pump set at 740 ft. <u>1</u> <u>2</u>
* 30-101	City of Savoy	O. W. Witherspoon	1958	533	6	533	Kgw	680	272.1	Oct. 14, 1959	S, E 10	P	Pump set at 380 ft. Measured yield 50 gal/min. Temp. 75°F.
* 102	do	do	1936	528	6 5	-- 528	Kgw	685	185 245 283.5 354.2	1936 Sept. 1943 Oct. 14, 1959 Nov. 15, 1976	S, E 10	P	Perforated from 508-528 ft. Reported yield 35 gal/min in 1943 and 60 gal/min in 1975. Drawdown 45 ft pumping 57 gal/min when drilled. Temp. 75°F. <u>1</u> <u>2</u>
* 401	S. W. Fannin Water Supply Corporation	J. L. Myers Co.	1976	763	7 3	608 763	Kgw	658	326	June 26, 1976	S, E	P	Cemented to 608 ft. Screened from 608-648 and 696-738 ft. Pump set at 731 ft. Drawdown 39 ft pumping 67 gal/min on June 26, 1976. <u>1</u> <u>2</u>

See footnotes at end of table.

FANNIN COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*JS-18-30-601	City of Ector	O. W. Witherspoon	1958	437	8 6	42 437	Kgw	630	165.0 171.8 390	Aug. 18, 1958 Oct. 13, 1959 Sept. 3, 1970	S, E 3	P	Reported yield 30 gal/min. Temp. 79°F. <u>1</u>
* 602	do	do	1908	461	6 5	-- 461	Kgw	630	60 380	July 1943 Oct. 1958	N	N	Perforated from 440-460 ft. Reported yield 15 gal/min in 1943. Destroyed municipal well.
603	do	do	1968	442	8 6	45 442	Kgw	630	--	--	S, E 3	P	Perforated. <u>1</u>
604	do	do	1972	833	6 3	806 833	Kgw	640	443	July 6, 1972	S, E 15	P	Cemented from 0-806 ft. Screened from 806-831 ft. Underreamed. Gravel packed. Pump set at 630 ft. Reported yield 70 gal/min. <u>1</u> <u>2</u>
* 31-201	City of Bonham	Layne-Texas Co.	1951	1,282	14 8	1,090 1,282	Kgw	605	278.0 330.7 282.0	June 2, 1951 Aug. 1, 1957 Dec. 10, 1976	T, E 125	P	Cemented to 1,090 ft. Screened from 1,096-1,240 ft. Underreamed. Gravel packed. Pump set at 480 ft. Reported yield 700 gal/min in 1959. Drawdown 119 ft pumping 776 gal/min when drilled and 79 ft pumping 740 gal/min on Aug. 1, 1957. <u>1</u> <u>2</u>
* 301	White Shed Water Supply Corporation	J. L. Myers Sons	1964	1,237	7 3	1,100 1,237	Kgw	599	280.0	Dec. 8, 1976	S, E 15	P	Screened. Gravel packed. Pump set at 450 ft. Pumping level 320 ft at 96 gal/min on May 10, 1967. Temp. 80°F.
* 401	Voluntary Purchasing Groups	O. W. Witherspoon	1974	153	5 4	132 153	Kga	640	33 31.0	June 24, 1974 Feb. 8, 1977	S, E 3/4	Ind	Cemented to 132 ft. Perforated from 133-152 ft. Drawdown 59 ft pumping 10 gal/min when drilled. <u>1</u>
* 501	City of Bonham	Layne-Texas Co.	1944	1,288	12 8	1,140 1,288	Kgw	590	270 292.6	July 14, 1948 Mar. 10, 1960	N	N	Plugged back from 1,505 ft. Cemented to 1,068 ft. Screened for 40 ft and slotted. Underreamed. Gravel packed. Drawdown 50 ft at 300 gal/min. Plugged. <u>1</u>
* 502	do	do	1946	1,314	14 8	1,185 1,314	Kgw	590	326.0	Aug. 1, 1957	T, E 100	N	Screened from 1,189-1,292 ft. Underreamed. Gravel packed. Reported yield 650 gal/min in 1959. Drawdown 154 ft pumping 560 gal/min on Aug. 1, 1957. Stand-by municipal well. Temp. 92°F. <u>1</u>
* 503	City of Bonham	R. H. Dearing and Sons	1926	1,191	10 8	-- 1,191	Kgw	575	--	--	T, E 75	P	Perforated from 1,150-1,191 ft. Reported yield 550 gal/min in 1959. Temp. 91°F. <u>1</u>
* 504	do	--	--	1,200	6	--	Kgw	580	--	--	N	N	Reported yield 320 gal/min. Plugged municipal well.
601	Bonham State Park	M. L. Witherspoon and Son	1935	1,112	10 6 5	618 1,070 1,112	Kgw	645	--	--	N	N	Perforated from 1,100-1,112 ft. Underreamed. Abandoned public supply well. <u>1</u>
* 602	Brotherton Water Supply Corporation	J. L. Myers Sons	1965	1,480	7 3	1,375 1,480	Kgw	630	251.0 268.0	Dec. 17, 1975 Nov. 16, 1976	S, E 5	P	Cemented to 1,375 ft. Screened from 1,377-1,461 ft. Gravel packed. Pump set at 490 ft. Pumping level 360 ft at 29 gal/min when drilled. <u>1</u> <u>2</u>
* 32-201	Lannius Water Supply Corporation	do	1962	1,454	7 3	1,364 1,454	Kgw	622	296.0	Apr. 26, 1962	S, E 10	P	Cemented to 1,268 ft. Screened from 1,368-1,395 and 1,405-1,432 ft. Gravel packed. Pump set at 400 ft. Drawdown 124 ft pumping 150 gal/min when drilled. <u>1</u> <u>2</u>
* 501	Dodd City	Sharp and Braley	1910	1,660	6 4	1,200 1,660	Kgw	650	182 353.6	1940 Oct. 15, 1959	S, E 35	P	Perforated from 1,620-1,660 ft. Pump set at 480 ft. Temp. 83°F.
* 701	Buck Shelton	--	1900	35	36	35	Kga	700	12.5 2.3	July 14, 1971 Nov. 16, 1976	N	N	Dug well. <u>3</u>

See footnotes at end of table.

FANNIN COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*JS-18-32-702	Bartley Woods Water Supply Corporation	J. L. Myers Sons	1964	1,770	7 3	1,658 1,770	Kgw	710	--	--	S, E 15	P	Cemented to 1,658 ft. Screened from 1,658-1,720 ft. Underreamed. Gravel packed. Pumping level 440 ft on Nov. 11, 1969. Temp. 99°F. <u>1</u> <u>2</u>
38-301	Randolph School	-- Witherspoon	1955	400	8 5	-- --	Kga	675	55.7 56.7	Dec. 2, 1959 Feb. 7, 1977	J, E 3/4	N	Abandoned public supply well.
* 302	City of Randolph	J. L. Myers Sons	1962	1,291	7 3	1,148 1,291	Kgw	668	291.0 332.0	Nov. 11, 1971 Nov. 15, 1976	S, E 10	P	Cemented to 1,148 ft. Screened from 1,152-1,162; 1,166-1,187; 1,191-1,212; 1,216-1,237; 1,241-1,262; and 1,266-1,287 ft. Gravel packed. Pump set at 510 ft. Pumping level 378 ft at 60 gal/min when drilled. <u>1</u> <u>2</u> <u>3</u>
* 401	City of Trenton	Layne-Texas Co.	1938	1,472	6 5	1,395 1,472	Kgw	762	307 321.0 362.8	Nov. 1938 Dec. 22, 1941 Oct. 14, 1959	T, E 20	P	Slotted from 1,393-1,472 ft. Pump set at 650 ft. Drawdown 50 ft pumping 60 gal/min when drilled and 33 ft pumping 81 gal/min on June 11, 1957. <u>1</u>
* 402	Trenton Water Supply Corporation	Lanford Drilling Co.	1969	1,606	8 4	1,492 1,588	Kgw	758	496 508.0	Dec. 1969 Nov. 18, 1975	S, E 40	P	Slotted from 1,492-1,518 and 1,556-1,588 ft. Gravel packed. Pump set at 620 ft. Drawdown 122 ft pumping 160 gal/min when drilled. Pumping level 544 ft on Nov. 11, 1971. <u>1</u> <u>2</u> <u>3</u>
* 403	S. W. Fannin Water Supply Corporation	J. L. Myers Sons	1967	1,592	8 4	1,486 1,585	Kgw	760	488	Nov. 30, 1967	S, E 40	P	Cemented to 1,486 ft. Screened from 1,486-1,581 ft. Underreamed. Gravel packed. Pump set at 660 ft. Measured yield 175 gal/min on Aug. 24, 1973. Pumping level 533 ft on Nov. 30, 1967, and 540 ft on Nov. 15, 1973.
* 801	West Leonard Water Supply Corporation	J. L. Myers Sons	1965	1,810	7 3	1,740 1,810	Kgw	660	354.0 400.0	Mar. 1965 Aug. 16, 1973	S, E 15	P	Cemented to 1,740 ft. Screened. Gravel packed. Pump set at 538 ft. Drawdown 54 ft pumping 100 gal/min when drilled. Pumping level 408 ft on Mar. 1965; 415 ft on Nov. 14, 1967; and 435 ft on Aug. 16, 1973. Temp. 93°F. <u>2</u>
* 39-501	City of Bailey	Layne-Texas Co.	1956	1,595	8 4	1,525 1,595	Kgw	728	437.5 437.0 477.7	Oct. 14, 1959 Mar. 26, 1962 Sept. 2, 1970	S, E 10	P	Cemented to 1,525 ft. Screened from 1,530-1,580 ft. Underreamed. Gravel packed. Pump set at 500 ft. Measured yield 53 gal/min on Mar. 27, 1963. Drawdown 25 ft pumping 151 gal/min when drilled. Temp. 92°F. <u>1</u> <u>2</u> <u>3</u>
* 601	Arledge Ridge Water Supply Corporation	J. L. Myers Sons	1966	1,693	7 3	1,480 1,693	Kgw	710	390 450.0	Apr. 16, 1966 Jan. 24, 1975	S, E 20	P	Cemented to 1,480 ft. Screened from 1,480-1,564 ft. Drawdown 105 ft when drilled and 40 ft on Jan. 24, 1975. <u>1</u> <u>2</u>
* 701	City of Leonard	do	1957	1,690	10 5	1,522 1,690	Kgw	732	432 437.4 447.3 448.8	July 7, 1957 Mar. 26, 1958 Oct. 14, 1959 Mar. 10, 1960	S, E 60	P	Cemented from 0-1,522 ft. Screened from 1,523-1,673 ft. Underreamed. Gravel packed. Pump set at 720 ft. Measured yield 220 gal/min on Dec. 18, 1975. Drawdown 56 ft pumping 330 gal/min when drilled. Temp. 91°F. <u>1</u>
* 702	do	do	1975	1,720	10 6	1,464 1,720	Kgw	738	500 536.0	June 23, 1975 Dec. 9, 1976	S, E 110	P	Cemented to 1,464 ft. Screened from 1,464-1,508 and 1,550-1,606 ft. Underreamed. Gravel packed. Drawdown 80 ft pumping 800 gal/min when drilled. <u>1</u> <u>2</u>
40-101	Gober School	--	1930	65	6	62	Kga	662	25	1959	N	N	Destroyed public supply well.
* 102	Gober Water Supply Corporation	J. L. Myers Sons	1962	1,800	7 3	1,732 1,790	Kgw	665	375 380.0	July 1962 Aug. 3, 1967	S, E 10	P	Cemented from 0-1,732 ft. Screened from 1,732-1,753 and 1,756-1,787 ft. Gravel packed. Pump set at 470 ft. Pumping level 410 ft on Aug. 3, 1967, and 435 ft on Feb. 7, 1977. <u>1</u> <u>2</u>
* 46-101	L. B. Withrow	--	1900	11	24	11	Kga	670	3.5 + .7 3.9	July 14, 1971 Nov. 5, 1974 Nov. 15, 1976	S, E	D	Temp. 74°F. <u>3</u>

See footnotes at end of table.

FANNIN COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*JS-18-47-101	City of Leonard	Layne-Texas Co.	1944	1,605	10 8 4	606 1,511 1,605	Kgw	690	303 450 488.6 490.0	Apr. 27, 1944 Oct. 1959 Sept. 2, 1970 May 11, 1972	N	N	Cemented to 606 ft. Screened from 1,502-1,581 ft. Gravel packed. Reported yield 190 gal/min on Oct. 14, 1959. Drawdown 42 ft pumping 254 gal/min when drilled. Plugged municipal well. Temp. 92°F. <u>1</u>
* 102	do	R. H. Dearing and Sons	1910	1,653	8	--	Kgw	700	237 284	1940 Aug. 1943	N	N	Reported yield 45 gal/min in 1943. Plugged municipal well. <u>1</u>
103	do	J. L. Myers Sons	1975	1,712	--	--	Kgw	695	--	--	N	N	Test hole. <u>1</u> <u>2</u>

\* For chemical analyses of water, see Table 4.

1 Drillers' log in files of the Texas Department of Water Resources.

2 Geophysical logs in files of the Texas Department of Water Resources.

3 For water-level measurements, see Table 3.

# FANNIN COUNTY

Table 2.—Selected Oil and Gas Tests

Logs in Texas Department of Water Resources files

Well	Operator	Lease and well	Date drilled	Depth (ft)	Approximate land surface elevation (ft)
JS-17-25-304	H. L. Rogers	J. W. Jones No. 1	May 29, 1947	3,500	660
18-30-801	F. A. Callery, Inc.	R. G. Robinson No. 1	Apr. 1, 1952	5,515	706
32-502	W. A. Phillips, et al.	C. L. Davidson No. 1	Aug. 13, 1948	4,058	660
39-401	Sun Oil Co.	Mrs. W. E. Tucker No. 1	Dec. 20, 1955	3,860	663



# FANNIN COUNTY

## Table 3.—Water Levels in Selected Wells

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well JS-17-17-401</b>		<b>Well JS-17-25-302—Continued</b>		<b>Well JS-18-14-906—Continued</b>	
Owner: Ray Taylor		Nov. 16, 1976	338.0	Feb. 23, 1971	18.1
Sept. 4, 1970	197.9	Nov. 16, 1977	260.0	Nov. 10, 1971	17.6
Nov. 11, 1971	200.8	<b>Well JS-17-25-401</b>		Nov. 16, 1972	18.4
Nov. 15, 1972	209.1	Owner: City of Windom		Nov. 9, 1973	14.8
Nov. 12, 1973	220.6	1936	229	Nov. 6, 1974	14.1
Nov. 6, 1974	216.0	July 1940	259	Nov. 18, 1975	15.6
Nov. 18, 1975	218.4	Oct. 1959	350	Nov. 15, 1976	14.8
Nov. 16, 1976	216.1	Dec. 17, 1975	510.0	Feb. 17, 1977	14.9
Nov. 16, 1977	222.1	Nov. 16, 1976	450.0	Nov. 15, 1977	16.0
<b>Well JS-17-17-602</b>		Nov. 16, 1977	530.0	<b>Well JS-18-15-902</b>	
Owner: Selfs Water Supply Corporation		<b>Well JS-17-33-501</b>		Owner: Clifford Lawrence	
Mar. 13, 1963	310	Owner: Ladonia Water Supply Corporation		Sept. 4, 1970	73.7
Mar. 13, 1963	329 *	Dec. 1970	192.3	Feb. 23, 1971	73.9
July 15, 1971	280	Nov. 11, 1971	193.5	Nov. 10, 1971	76.8
Nov. 18, 1975	231.4	Nov. 14, 1972	255.0*	Nov. 15, 1972	77.6
<b>Well JS-17-25-301</b>		Nov. 5, 1973	222.3*	Nov. 9, 1973	74.8
Owner: City of Honey Grove		Nov. 5, 1974	237.0*	Nov. 6, 1974	73.7
1921	138	<b>Well JS-17-34-101</b>		Nov. 18, 1975	74.5
Dec. 1, 1937	167	Owner: Dial Water Supply Corporation		Nov. 15, 1976	74.4
1941	238	May 1965	140	Nov. 15, 1977	74.3
June 1943	260	Nov. 5, 1973	235.0	<b>Well JS-18-22-801</b>	
Sept. 6, 1945	280	Nov. 5, 1974	290.0	Owner: Morris Ballew	
May 14, 1947	300	Nov. 19, 1975	219.3	Nov. 22, 1968	100
Apr. 1959	316	Nov. 16, 1976	167.2	Sept. 3, 1970	101.9
<b>Well JS-17-25-302</b>		Nov. 16, 1977	165.2	Nov. 16, 1972	102.8
Owner: City of Honey Grove		<b>Well JS-18-14-906</b>		Nov. 9, 1973	103.2
Aug. 1948	282	Owner: J. E. Venable Estate		Nov. 5, 1974	103.7
Apr. 1959	323	June 20, 1960	16.5	Nov. 18, 1975	103.2
1963	367	Sept. 3, 1970	18.5	Nov. 15, 1976	70.8
Dec. 17, 1975	330.0			Nov. 15, 1977	25.5

\* Pumping level

# FANNIN COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well JS-18-22-802</b>		<b>Well JS-18-30-102—Continued</b>		<b>Well JS-18-38-402</b>	
Owner: Billy Waggoner		Nov. 9, 1973	346.2	Owner: Trenton Water Supply Corporation	
July 16, 1971	24.8	Nov. 6, 1974	356.2	Dec. 1969	496
Nov. 11, 1971	22.0	Nov. 18, 1975	352.8	July 14, 1971	497.0
Nov. 16, 1972	24.3	Nov. 15, 1976	354.2	Nov. 11, 1971	544.0*
Nov. 9, 1973	23.2	Nov. 15, 1977	361.3	Nov. 17, 1973	445.0
Nov. 5, 1974	23.9	<b>Well JS-18-32-701</b>		Nov. 5, 1974	505.0
Nov. 18, 1975	25.5	Owner: Buck Shelton		Nov. 18, 1975	508.0
Nov. 15, 1976	26.4	July 14, 1971	12.5	Nov. 15, 1976	480.0
Nov. 15, 1977	25.9	Nov. 11, 1971	4.7	Nov. 15, 1977	487.0
<b>Well JS-18-23-301</b>		Nov. 16, 1972	1.5	<b>Well JS-18-39-501</b>	
Owner: North Fannin School		Nov. 12, 1973	1.7	Owner: City of Bailey	
Dec. 3, 1959	8.0	Nov. 6, 1974	1.4	May 27, 1956	406
Sept. 3, 1970	66.7	Nov. 18, 1975	10.3	Oct. 14, 1959	437.5
Feb. 23, 1971	62.8	Nov. 16, 1976	2.3	Mar. 26, 1962	437
Nov. 10, 1971	65.0	Nov. 15, 1977	8.3	Sept. 2, 1970	477.7
Nov. 15, 1972	62.3	<b>Well JS-18-38-302</b>		Feb. 22, 1971	454.6
Nov. 9, 1973	61.9	Owner: City of Randolph		Nov. 11, 1971	444.3
Nov. 6, 1974	61.7	July 1962	378 *	Nov. 12, 1973	465.0
Nov. 18, 1975	61.8	July 14, 1971	300.0	<b>Well JS-18-46-101</b>	
Nov. 15, 1976	61.1	Nov. 11, 1971	291.0	Owner: L. B. Withrow	
Nov. 15, 1977	61.7	Nov. 14, 1972	295.0	July 14, 1971	3.5
<b>Well JS-18-30-102</b>		Nov. 5, 1973	292.0	Nov. 11, 1971	1.2
Owner: City of Savoy		Nov. 5, 1974	318.0	Nov. 16, 1972	+ .2
1936	185	Nov. 18, 1975	311.0	Nov. 8, 1973	1.2
Sept. 1943	245	Nov. 15, 1976	332.0	Nov. 6, 1974	+ .7
Oct. 14, 1959	283.5	Nov. 15, 1977	420.0	Nov. 18, 1975	4.7
Feb. 23, 1971	333.7			Nov. 15, 1976	3.9
				Nov. 15, 1977	5.0

\* Pumping level

FANNIN COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kcpa, Paluxy Formation; Kga, Austin Group; Kgw, Woodbine Group, Qal, Alluvium.

Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids. Analyses by Texas Department of Health.

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
JS-17-09-504	Qal	22	July 25, 1961	19	--	3	2	6	3.0	16	5	2	0.1	5.1	--	53	13	59	5.4	40	0.6	0.0
17-401	Kgw	1,236	Feb. 22, 1971	13	--	3	1	344	--	493	224	84	1.5	< .4	--	913	9	1,420	8.6	98	43.9	7.8
401	Kgw	1,236	July 22, 1976	7	4.7	4	1	433	--	471	200	212	1.4	.8	--	1,095	11	1,840	8.9	98	50.1	7.4
602	Kgw	1,208	July 15, 1971	14	--	3	1	356	--	530	221	96	1.7	1.5	--	954	11	1,440	8.2	98	45.4	8.4
602	Kgw	1,208	July 21, 1976	14	.1	3	1	365	--	530	197	104	1.5	.8	--	947	7	1,510	8.3	98	46.6	8.4
25-301	Kgw	1,673	Sept. 15, 1943	17	.1	3	1	345	2.0	515	212	79	1.8	2.5	--	916	8	--	8.6	98	44.0	8.2
301	Kgw	1,673	Dec. 9, 1944	40	--	5	5	338	--	482	222	80	1.4	1.0	--	929	33	--	--	96	25.5	7.2
301	Kgw	1,673	Sept. 1, 1951	17	.1	7	3	348	--	529	226	82	1.4	< .4	--	950	30	--	8.5	96	27.7	--
301	Kgw	1,673	Aug. 1, 1956	--	.1	3	1	358	--	530	230	89	1.6	< .4	--	938	8	--	8.4	98	45.7	--
302	Kgw	1,660	Aug. 19, 1948	18	.3	12	2	359	--	488	235	80	1.4	< .4	--	948	38	--	--	95	25.2	7.2
302	Kgw	1,660	June 1, 1953	18	.1	10	2	343	--	518	225	85	1.5	< .4	--	970	33	--	8.6	96	25.9	--
302	Kgw	1,660	Aug. 1, 1956	--	2.8	5	1	428	--	506	199	206	1.6	< .4	--	1,117	13	--	8.5	98	45.7	--
302	Kgw	1,660	July 15, 1971	15	--	2	1	351	--	520	217	82	1.8	< .4	--	925	10	1,400	7.8	99	50.6	8.3
302	Kgw	1,660	Nov. 13, 1975	--	.1	3	1	359	--	510	230	91	1.8	< .4	--	937	9	1,705	8.5	98	45.8	8.1
303	Kgw	1,727	Aug. 14, 1968	1	.3	1	1	347	--	486	208	76	1.8	.0	--	875	10	1,300	8.4	99	58.7	7.8
303	Kgw	1,727	July 15, 1971	15	--	8	3	341	--	550	196	73	1.9	< .4	--	908	31	1,370	7.8	96	26.1	8.3
401	Kgw	1,691	Sept. 14, 1943	20	.1	2	1	352	3.8	486	267	74	1.0	.0	--	959	8	--	8.3	98	50.7	7.7
401	Kgw	1,691	Feb. 1, 1957	--	.1	2	1	368	--	501	265	87	1.6	< .4	--	971	6	1,650	8.0	99	53.0	--
401	Kgw	1,691	Dec. 17, 1975	15	--	3	1	376	--	498	283	90	1.5	< .4	--	1,014	11	1,550	8.3	99	48.0	7.9
33-501	Kcpa	3,366	Feb. 25, 1963	20	.1	3	1	408	--	681	123	102	--	--	--	991	14	1,550	8.6	99	52.1	10.9
501	Kcpa	3,366	Sept. 24, 1970	22	--	3	2	354	--	710	128	40	2.8	< .4	--	901	16	1,380	8.5	98	38.8	11.3
501	Kcpa	3,366	July 15, 1971	23	--	3	1	342	--	730	117	36	2.7	< .4	--	884	13	1,340	8.0	98	43.6	11.7
501	Kcpa	3,366	July 22, 1976	23	--	3	1	361	--	710	125	40	2.9	2.4	--	907	8	1,450	8.6	98	46.1	11.4
502	Kgw	2,551	Sept. 15, 1943	12	.9	27	9	2,160	13.0	738	30	2,960	2.2	1.5	--	5,578	104	--	7.8	97	91.9	10.0
502	Kgw	2,551	May 1, 1947	23	4.0	34	53	1,318	--	817	189	1,633	2.2	< .4	--	3,628	303	--	7.9	90	32.9	--
502	Kgw	2,551	Aug. 7, 1962	--	.1	58	24	2,909	--	644	40	4,265	2.0	< .4	--	7,615	243	15,708	7.9	96	81.1	5.6
701	Kcpa	3,345	Nov. 3, 1973	--	.3	2	1	356	--	666	140	42	3.0	.0	--	895	21	1,250	8.3	99	51.3	10.7
34-101	Kcpa	3,063	July 15, 1971	22	--	6	1	357	--	760	119	31	2.9	< .4	--	912	20	1,380	8.1	98	35.5	12.0
101	Kcpa	3,063	Mar. 2, 1976	--	--	2	1	362	--	730	119	38	3.0	3.8	--	888	6	1,595	8.6	99	52.2	11.7

FANNIN COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
JS-18-14-906	Kgw	220	Feb. 23, 1971	11	--	3	1	439	--	890	133	69	2.4	< 0.4	--	1,096	13	1,670	8.5	99	56.0	14.3
906	Kgw	220	July 20, 1976	11	0.1	4	1	452	--	900	135	72	2.4	< .4	--	1,120	9	1,750	8.5	98	52.3	14.4
907	Kgw	280	May 24, 1960	13	--	2	1	472	--	928	125	57	.0	3.5	--	1,129	8	1,850	8.5	99	68.0	15.0
909	Qa1	45	do	24	--	92	42	2	--	517	41	5	2.2	2.2	--	464	402	799	7.4	1	.0	.4
15-902	Kgw	489	Feb. 23, 1971	10	--	4	2	710	--	1,150	263	237	4.1	< .4	--	1,795	19	2,630	8.3	99	72.3	18.4
902	Kgw	489	Nov. 10, 1971	11	--	4	2	710	--	1,140	276	234	4.0	< .4	--	1,801	20	2,650	8.2	99	72.3	18.3
902	Kgw	489	Nov. 9, 1973	10	--	4	3	730	--	1,150	263	241	4.6	7.0	--	1,828	23	2,700	8.3	99	67.2	18.4
902	Kgw	489	July 20, 1976	11	.1	6	1	710	--	1,150	264	242	4.1	.5	--	1,804	21	2,760	8.4	99	70.7	18.4
22-303	Qa1	54	Oct. 12, 1959	--	--	144	50	56	--	610	124	41	--	--	--	715	566	--	--	18	1.0	.0
701	Kgw	383	Dec. 11, 1959	--	.6	0	0	174	--	361	43	20	--	--	--	430	3	695	8.3	--	--	5.9
701	Kgw	383	Jan. 31, 1960	12	.2	1	0	173	--	366	49	20	--	--	--	435	4	704	8.2	99	47.6	5.9
701	Kgw	383	Feb. 10, 1977	11	.3	1	1	151	--	337	41	14	.9	.9	--	386	2	624	--	98	25.5	5.3
702	Kgw	420	June 17, 1965	9	1.1	1	0	175	--	348	51	18	--	--	--	426	3	705	8.4	99	48.2	5.6
801	Kgw	179	July 16, 1971	11	--	5	2	276	--	389	277	13	.9	< .4	--	776	21	1,140	7.9	97	26.3	5.9
802	Kgw	70	do	19	--	640	242	317	--	510	2,310	357	1.9	15.0	--	4,152	2,600	4,160	7.3	21	2.7	.0
802	Kgw	70	Nov. 11, 1971	19	--	650	259	329	--	510	2,280	394	1.2	23.0	--	4,205	2,680	4,270	6.9	21	2.7	.0
802	Kgw	70	Nov. 9, 1973	17	--	630	246	343	--	494	2,160	400	2.0	34.0	--	4,074	2,580	4,350	7.1	22	2.9	.0
802	Kgw	70	July 20, 1976	18	.2	640	235	349	--	476	2,210	424	.6	36.0	--	4,147	2,570	4,450	8.2	23	2.9	.0
23-102	Qa1	49	Aug. 5, 1960	20	--	15	4	5	0.6	36	7	5	.0	26.0	--	100	52	139	6.4	17	.2	.0
402	Kgw	768	June 6, 1966	--	.2	1	1	308	--	453	183	53	2.0	1.1	--	774	--	--	8.0	99	52.1	7.2
402	Kgw	768	Dec. 9, 1976	12	.3	1	1	286	--	443	189	49	1.3	.8	--	758	2	1,150	8.0	99	48.4	7.1
601	Kgw	1,087	May 16, 1975	--	.1	2	0	340	--	508	148	93	1.4	.0	--	865	6	1,300	8.3	99	66.2	8.2
601	Kgw	1,087	Apr. 21, 1976	--	.1	1	1	336	--	550	154	84	1.4	< .4	--	848	5	1,529	0.4	99	56.8	8.8
701	Kgw	1,047	Sept. 21, 1974	--	.1	1	0	321	--	429	234	58	1.2	.0	--	829	8	1,150	8.2	99	88.4	6.9
701	Kgw	1,047	Aug. 18, 1976	--	.2	2	1	319	--	447	219	60	1.2	< .4	--	823	6	1,440	8.5	99	46.0	7.1
801	Qa1	55	Aug. 5, 1960	20	--	78	5	47	--	285	8	38	.0	26.0	--	362	214	595	6.8	32	1.3	.3
805	Kgw	1,136	Apr. 21, 1976	--	.2	1	1	345	--	520	205	80	1.4	< .4	--	890	3	1,595	8.5	99	58.3	8.3
30-101	Kgw	533	Aug. 1, 1961	--	--	1	1	194	--	361	68	22	1.0	< .4	--	473	1	788	7.7	98	32.8	5.7
101	Kgw	533	Feb. 8, 1977	12	.1	1	1	192	--	363	73	25	1.1	< .4	--	484	1	777	8.5	98	32.4	5.8
102	Kgw	528	Sept. 16, 1943	16	--	1	0	200	1.4	363	75	26	.9	.8	--	499	4	--	8.4	99	55.0	5.8
102	Kgw	528	Aug. 1, 1961	--	--	1	1	200	--	367	76	24	1.0	< .4	--	491	1	818	7.6	98	33.8	5.8
102	Kgw	528	July 14, 1971	11	--	4	1	188	--	387	77	23	1.2	< .4	--	495	15	775	8.0	97	21.7	6.0

## FANNIN COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
JS-18-30-102	Kgw	528	July 21, 1976	11	0.1	2	1	194	--	376	74	26	1.1	< 0.4	--	494	5	789	8.1	98	27.9	5.9
401	Kgw	763	June 28, 1976	--	.2	2	0	185	--	317	71	25	.8	.0	--	440	7	750	8.6	99	36.0	5.0
601	Kgw	437	Sept. 2, 1958	--	.1	2	1	360	--	706	65	34	2.0	< .4	--	900	7	1,500	8.6	99	51.9	11.3
601	Kgw	437	July 14, 1971	11	--	2	1	362	--	810	80	32	2.7	1.5	--	890	9	1,350	8.3	99	52.2	13.0
601	Kgw	437	July 21, 1976	11	.1	3	1	372	--	780	80	38	2.7	< .4	--	891	9	1,450	8.6	98	47.5	12.5
602	Kgw	461	Sept. 16, 1943	12	.1	2	0	375	1.0	822	74	46	2.5	2.8	--	919	8	--	8.6	99	73.0	13.3
602	Kgw	461	Apr. 1, 1951	13	.3	10	7	360	--	834	74	53	2.0	< .4	--	940	54	--	8.5	94	21.3	--
602	Kgw	461	Mar. 1, 1960	--	.1	1	1	325	--	--	70	63	2.0	< .4	--	930	4	1,550	8.9	99	55.0	--
31-201	Kgw	1,282	June 4, 1951	19	.2	1	1	334	--	459	201	74	--	--	--	855	4	--	8.4	99	56.5	7.3
201	Kgw	1,282	Oct. 1, 1953	22	.1	1	1	328	--	482	206	78	1.4	< .4	--	902	7	--	8.2	99	55.5	--
201	Kgw	1,282	Jan. 23, 1968	--	--	1	2	332	--	482	201	83	1.8	< .4	--	858	9	1,566	8.3	98	44.1	7.6
301	Kgw	1,237	Apr. 13, 1965	--	.3	2	1	340	--	486	231	80	1.8	< .4	--	895	9	1,592	8.4	99	49.0	7.7
301	Kgw	1,237	Apr. 21, 1976	--	.1	1	1	329	--	490	222	83	1.4	< .4	--	879	3	1,695	8.5	99	55.6	7.8
401	Kga	153	Feb. 8, 1977	10	--	6	1	278	--	530	67	77	1.0	< .4	--	701	19	1,157	8.7	97	27.6	8.3
501	Kgw	1,288	Mar. 1, 1949	79	3.8	7	1	329	--	518	209	66	1.3	1.3	--	956	22	--	8.3	97	30.8	--
501	Kgw	1,288	Aug. 17, 1962	--	.1	1	1	324	--	459	192	69	1.4	< .4	--	879	5	1,463	8.3	99	54.8	7.3
502	Kgw	1,314	July 10, 1947	10	--	2	1	311	12.0	414	221	60	1.8	.8	--	823	8	--	8.5	96	44.8	6.6
502	Kgw	1,314	Mar. 1, 1949	19	.3	11	1	307	--	464	209	71	1.2	< .4	--	870	32	--	8.1	95	23.7	--
502	Kgw	1,314	Aug. 31, 1959	--	.1	2	1	350	--	538	195	118	1.6	1.3	--	933	5	1,750	8.3	99	50.4	8.6
503	Kgw	1,191	Sept. 17, 1943	18	.0	2	0	319	3.6	473	199	76	1.2	.0	--	851	6	--	8.4	99	62.1	7.6
503	Kgw	1,191	Mar. 1, 1949	14	.1	6	2	317	--	464	204	85	1.1	.7	--	912	23	--	8.1	97	28.6	--
503	Kgw	1,191	Aug. 31, 1959	--	.1	2	1	350	--	538	195	118	1.6	1.3	--	1,050	5	1,750	8.3	99	50.4	8.6
504	Kgw	1,200	Sept. 17, 1943	20	.2	3	0	300	2.4	440	205	61	1.0	1.8	--	810	9	--	8.6	98	47.7	7.0
504	Kgw	1,200	Feb. 1, 1946	21	.4	5	3	317	--	492	207	67	1.2	< .4	--	840	25	--	8.3	96	27.6	--
602	Kgw	1,480	July 14, 1971	14	--	2	1	278	--	429	202	47	1.4	1.0	--	757	8	1,132	7.8	98	40.0	6.8
602	Kgw	1,480	July 21, 1976	14	.1	3	1	292	--	420	202	51	1.4	1.5	--	772	7	1,200	8.6	98	37.3	6.6
32-201	Kgw	1,454	Apr. 28, 1962	--	.3	2	1	324	--	438	260	61	1.2	< .4	--	865	8	1,925	7.9	99	46.7	6.9
201	Kgw	1,454	Dec. 18, 1974	--	1.0	1	1	328	--	442	256	63	1.6	3.3	--	877	5	1,540	8.4	99	55.5	7.1
501	Kgw	1,660	Sept. 13, 1943	15	.1	2	0	352	3.6	481	256	78	1.4	2.0	--	946	6	--	8.4	99	68.5	7.7
501	Kgw	1,660	Feb. 1, 1963	--	.4	1	1	372	--	483	277	81	.1	< .4	--	970	3	1,680	8.4	99	62.9	7.7
501	Kgw	1,660	Feb. 9, 1977	15	.1	1	1	348	--	480	250	90	1.4	3.1	--	945	7	1,480	8.4	99	58.9	7.7
701	Kga	35	Nov. 11, 1971	9	--	113	4	13	--	271	51	8	.3	54.0	--	385	300	585	7.3	9	.3	.0

FANNIN COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
JS-18-32-702	Kga	35	Nov. 12, 1973	8	--	107	3	16	--	265	50	11	0.5	37.0	--	362	281	584	7.4	11	0.4	0.0
702	Kgw	1,770	Apr. 23, 1964	--	0.3	2	1	353	--	442	266	66	1.7	< 0.4	--	921	9	1,696	8.7	99	50.9	7.0
702	Kgw	1,770	July 14, 1971	14	--	2	1	334	--	459	260	61	1.4	< .4	--	899	11	1,400	7.9	99	48.1	7.3
702	Kgw	1,770	July 21, 1976	16	--	2	1	354	--	462	284	68	1.3	< .4	--	953	7	1,460	8.3	99	51.0	7.3
38-302	Kgw	1,291	June 11, 1964	--	.1	2	1	283	--	423	200	44	1.5	2.0	--	741	7	1,308	8.4	98	40.8	6.7
302	Kgw	1,291	July 14, 1971	13	--	3	1	276	--	432	184	41	1.4	1.0	--	732	10	1,093	8.0	98	35.2	6.8
302	Kgw	1,291	July 21, 1976	13	.1	2	1	275	--	434	185	46	1.2	< .4	--	737	6	1,130	8.3	98	39.6	6.9
401	Kgw	1,472	Nov. 25, 1938	34	1.6	6	4	297	--	439	214	53	.4	< .4	--	826	32	--	8.7	95	23.0	6.5
401	Kgw	1,472	Sept. 16, 1943	15	.1	2	0	299	2.6	442	220	45	1.0	.0	--	802	4	--	8.3	99	58.2	7.1
401	Kgw	1,472	Aug. 1, 1959	--	.1	1	1	280	--	453	199	47	1.2	3.1	--	736	6	--	8.6	99	47.3	--
401	Kgw	1,472	July 14, 1971	13	--	2	2	286	--	448	205	43	1.4	< .4	--	773	11	1,180	7.7	98	34.2	7.0
402	Kgw	1,606	Dec. 3, 1969	--	.3	3	1	296	--	391	189	51	1.2	1.5	--	735	12	1,150	8.6	98	37.8	6.1
402	Kgw	1,606	July 14, 1971	13	--	2	2	299	--	455	210	53	1.5	< .4	--	804	12	1,200	8.5	98	35.7	7.1
402	Kgw	1,606	July 21, 1976	13	.1	2	1	306	--	443	201	56	1.4	< .4	--	798	5	1,250	8.7	99	44.1	7.0
403	Kgw	1,592	Jan. 27, 1969	--	--	3	2	298	--	447	214	52	1.5	1.0	--	791	14	1,395	8.0	98	32.7	7.0
403	Kgw	1,592	Jan. 24, 1977	--	--	3	1	301	--	445	216	48	1.2	.9	--	800	9	1,380	8.6	98	38.4	7.0
801	Kgw	1,810	Dec. 9, 1976	16	.1	1	1	242	--	421	125	37	1.1	1.8	--	632	2	985	8.2	99	40.9	6.7
39-501	Kgw	1,595	May 28, 1956	15	.5	2	1	320	--	476	199	60	--	--	--	831	7	--	8.4	99	46.1	7.6
501	Kgw	1,595	May 24, 1960	17	--	1	0	312	1.4	477	199	62	1.5	.2	--	828	2	1,310	8.2	99	85.9	7.7
501	Kgw	1,595	July 14, 1971	13	--	3	1	296	--	472	192	58	1.6	1.1	--	797	12	1,200	8.0	98	37.8	7.5
501	Kgw	1,595	July 21, 1976	15	--	2	1	313	--	462	173	67	1.4	< .4	--	799	4	1,300	8.6	99	45.1	7.3
601	Kgw	1,693	Jan. 20, 1975	--	--	1	1	321	--	436	266	60	1.5	1.7	--	867	5	1,551	8.5	99	54.3	7.0
701	Kgw	1,690	Aug. 1, 1957	--	.0	0	2	270	--	358	195	61	--	--	--	720	10	--	8.8	99	40.9	5.7
701	Kgw	1,690	Aug. 23, 1976	--	.1	3	1	292	--	453	191	56	.3	< .4	--	770	7	1,341	7.7	98	37.3	7.1
702	Kgw	1,720	June 23, 1975	--	.3	2	1	319	--	449	207	60	.9	.5	--	829	8	1,400	8.1	99	46.0	7.1
702	Kgw	1,720	Aug. 23, 1976	--	.4	11	1	433	--	560	406	80	1.8	< .4	--	1,209	28	2,143	8.3	97	33.5	8.5
40-102	Kgw	1,800	July 14, 1971	17	--	4	1	314	--	494	214	59	1.7	< .4	--	854	14	1,260	7.5	98	36.3	7.8
102	Kgw	1,800	July 21, 1976	14	--	3	1	319	--	481	211	62	1.5	.7	--	848	9	1,350	8.5	98	40.7	7.6
46-101	Kga	11	July 14, 1971	18	--	103	7	49	--	377	28	32	1.1	< .4	--	423	286	678	7.3	27	1.2	.4
101	Kga	11	July 21, 1976	18	--	115	9	59	--	361	38	76	1.0	14.0	--	507	323	821	8.2	28	1.4	.0
47-101	Kgw	1,605	Mar. 15, 1949	15	--	2	1	301	12.0	414	186	70	1.4	.2	--	792	8	1,300	8.5	96	43.4	6.6
101	Kgw	1,605	Sept. 9, 1959	--	.5	2	1	284	--	444	190	61	1.4	< .4	--	735	8	1,400	8.1	98	40.9	--

FANNIN COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

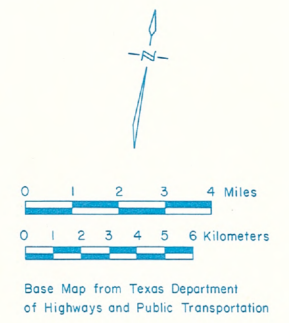
Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
JS-18-47-101	Kgw	1,605	July 14, 1971	13	--	2	1	279	--	450	183	52	1.6	1.0	--	753	9	1,153	8.1	98	40.2	7.1
102	Kgw	1,653	Sept. 16, 1943	18	.2	4	2	584	4.2	602	127	470	1.7	.0	--	1,507	18	--	8.2	98	59.5	9.5







- EXPLANATION
- Public supply well
  - Industrial well
  - Irrigation well
  - Domestic or livestock well
  - Oil or gas well
  - Test hole
  - Unused or abandoned well
  - Solid circle indicates flowing well
  - Line above well number indicates chemical analysis given in Table 4



Location of Selected Water, Oil, and Gas Wells in Fannin County



GRAYSON COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.  
 Water level : Reported water levels given in feet; measured water levels given to the nearest tenth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; E, electric; G, gasoline, butane or diesel engine; H, hand; J, jet; N, none;  
 S, submersible; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Kca, Antlers Formation; Kcgp, Paw Paw Formation; Kgw, Woodbine Group; Qal, Alluvium.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*KT-18-03-901	Veterans of Foreign Wars	Layne-Texas Co.	1943	291	24 12	65 290	Kca	708	95.5 109.9 117.0	Sept. 17, 1957 Aug. 27, 1970 Nov. 24, 1976	S, E	P	Cemented to 65 ft. Screened from 132-143; 146-165; 191-226; 241-264; and 279-290 ft. Plugged back from 805 ft due to salt water. <u>1/2/3</u>
902	Urban Services	A. L. Moser Water Well Service	1972	251	12 7	188 251	Kca	698	102.4	Apr. 7, 1977	S, E 5	P	Cemented to 188 ft. Screened from 183-251 ft. Underreamed. Gravel packed. Pump set at 228 ft. Pumping level 228 ft at 40 gal/min when drilled. <u>1/2</u>
* 903	do	do	1975	252	14 4	180 252	Kca	685	80 68.0	Aug. 12, 1975 Apr. 7, 1977	S, E 10	P	Cemented to 180 ft. Slotted. Underreamed. Gravel packed. Pump set at 230 ft. Drawdown 130 ft pumping 42 gal/min when drilled. <u>1/2</u>
* 904	Hanning Water Co.	do	1974	190	4	190	Kca	680	90	Apr. 26, 1974	S, E 3	P	Cemented to 165 ft. Slotted from 168-190 ft. Pumping level 155 ft at 50 gal/min when drilled. Temp. 75°F. <u>1/2</u>
905	do	do	1975	176	4	176	Kca	680	100	Sept. 4, 1975	S, E 3	P	Cemented to 162 ft. Slotted from 162 ft. Slotted from 162-176 ft. Drawdown 30 ft pumping 30 gal/min when drilled. <u>1/2</u>
* 09-301	Rock Creek Camp	Leech Bros.	1948	502	5	--	Kca	650	18 82.3	1957 Apr. 25, 1977	C, E 2	P	Slotted.
* 501	Sandy Ridge Dairy	Westbrook Drilling Co.	1973	205	16	16	Kgw	790	90	Sept. 23, 1976	S, E 3	D, Ind	Open hole completion. Gravel packed. Pump set at 190 ft. <u>1/2</u>
* 601	Hugh Bean	--	1910	50	5	45	Kgw	760	26.8 28.0	Sept. 9, 1957 Apr. 25, 1977	N	N	<u>3</u>
803	Leroy Davis	M and W Drilling Co.	1972	216	12	216	Kgw	790	--	--	S, E	Irr	Slotted. Gravel packed. <u>1/2</u>
804	D. W. Lewter	Gene Tumlinson Well Service	1971	273	9	273	Kgw	780	90	July 10, 1971	S, E 1	D	Cemented from 257-273 ft. Gun perforated from 178-182; 184-190; and 240-241 ft. Pump set at 178 ft. <u>2</u>
* 901	O. B. Rich	Hal Douglas	1957	180	8	180	Kgw	675	20.3	Sept. 9, 1957	T, E 10	Irr	Perforated from 20-180 ft. Drawdown 30 ft pumping 260 gal/min on Sept. 9, 1957.
* 10-101	Cedar Bayou Resort	J. L. McClure	1946	130	6	--	Kgw	680	100	Dec. 1957	N	N	--
* 102	Carefree Estates	A. L. Moser Water Well Service	1969	735	5	735	Kca	740	180	1969	S, E 5	P	Slotted from 695-735 ft. Pump set at 310 ft. Temp. 71°F.
* 103	Cedar Bayou Resort	--	1963	235	7	235	Kgw	700	--	--	S, E 1 1/2	P	Slotted. Pump set at 230 ft.
* 201	Willis Water Co.	Gene Tumlinson Well Service	1970	490	7 5	406 490	Kca	700	100 151.2	Dec. 14, 1970 Nov. 24, 1976	S, E 10	P	Cemented to 406 ft. Screened from 448-480 ft. Gravel packed. Reported yield 90 gal/min. <u>1/2/3</u>
202	do	do	1973	480	7 2	408 480	Kca	650	175	Sept. 20, 1973	N	N	Cemented to 408 ft. Screened from 408-416; 424-444; and 460-472 ft. Gravel packed. Drawdown 70 ft pumping 20 gal/min when drilled. <u>1/2</u>

See footnotes at end of table.

GRAYSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*KT-18-10-203	Gainesville Boat Club	C. L. Moore Drilling Co.	1963	300	7 5	124 300	Kca	660	135	Feb. 26, 1963	S, E 5	P	Slotted from 290-300 ft. Pump set at 260 ft. Drawdown 65 ft pumping 50 gal/min when drilled. <u>1</u>
204	A. L. Douglas	A. L. Douglas	--	--	7	--	Kca	650	--	--	S, E 5	P	--
205	do	do	--	--	7	--	Kca	680	--	--	S, E 5	P	--
206	Willis Water Co.	--	1972	454	5	454	Kca	705	--	--	S, E 5	P	Gun perforated from 361-369 and 421-433 ft.
207	do	--	1962	498	5	498	Kca	700	--	--	S, E 5	P	Perforated.
* 208	do	C. L. Moore Drilling Co.	1964	478	7 5	444 478	Kca	660	--	--	S, E 5	P	Perforated from 444-478 ft. Temp. 71°F.
209	do	Gene Tumison Well Service	1970	461	7	461	Kca	685	100	June 9, 1977	S, E 10	P	Slotted from 406-461 ft. Pump set at 360 ft.
401	Frank Denton	do	1971	158	7	158	Kgw	718	78 93.2	Aug. 12, 1971 Apr. 12, 1977	S, E 10	D, Irr	Cemented to 22 ft. Slotted from 106-158 ft. Gravel packed. Pump set at 147 ft. Drawdown 10 ft pumping 60 gal/min when drilled. <u>1</u>
402	J. B. Rich	A. L. Moser Water Well Service	1970	275	8	220	Kgw	710	140 52.3	July 10, 1970 Apr. 12, 1977	S, E 5	Irr	Slotted from 0-220 ft. Gravel packed. Pump set at 190 ft. Drawdown 100 ft pumping 375 gal/min when drilled. <u>1</u>
* 403	Gordonville Water Association	J. L. Myers Sons	1958	1,021	7	1,021	Kca	721	144.3	Apr. 25, 1958	S, E 2	P	Perforated from 991-1,021 ft. Drawdown 47 ft pumping 25 gal/min when drilled. Temp. 75°F. <u>1</u>
404	Massenburg Farms	A. L. Moser Water Well Service	1970	183	8	183	Kgw	710	70	July 1, 1970	S, E 15	Irr	Perforated from 100-178 ft. Gravel packed. Pump set at 160 ft. Drawdown 62 ft pumping 375 gal/min when drilled. <u>1</u> <u>2</u>
* 405	Walnut Creek Resort	--	1947	308	6	--	Kgw	625	18.3	Dec. 18, 1957	J, E 1 1/2	P	--
* 406	F. W. Holder	Hal Douglas	1956	180	8 4	--	Kgw	760	74.9	Oct. 17, 1957	S, E 3	Irr	Drawdown 22 ft pumping 132 gal/min when drilled.
407	do	--	--	--	4	--	Kgw	760	--	--	S, E 3	Irr	--
408	O. L. Holder	Westbrook Drilling Co.	1971	324	7	324	Kgw	700	80	Apr. 1, 1971	N	N	Slotted from 74-324 ft. Gravel packed. Drawdown 230 ft pumping 70 gal/min when drilled. Not sufficient water. <u>1</u>
501	Perrin Air Force Base	Faulkner Water Well Service	1966	600	6	600	Kca	640	100	May 10, 1966	S, E 5	N	Cemented to 560 ft. Slotted from 560-600 ft. Reported yield 30 gal/min. <u>1</u>
* 502	Cedar Mills Resort	--	1953	575	4	--	Kca	670	48.3	July 22, 1958	N	N	--
* 601	-- Reno	Faulkner Water Well Service	1966	234	4	234	Kgw	690	84.6 72.2	Aug. 27, 1970 Nov. 24, 1976	S, E 1	D	Cemented to 145 ft. Slotted from 195-234 ft. Drawdown 50 ft pumping 25 gal/min when drilled. <u>1</u> <u>3</u>
602	Locust Water Co.	do	1971	314	4	314	Kgw	710	100	Nov. 11, 1971	S, E 2	P	Cemented to 295 ft. Slotted from 295-314 ft. Gravel packed. Pump set at 289 ft. <u>1</u>

See footnotes at end of table.

## GRAYSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*KT-18-10-603	Mill Creek Meadows	A. L. Moser Water Well Service	1972	125	7	103	Kgw	675	--	--	S, E	P	Cemented to 35 ft. Slotted from 75-103 ft. Gravel packed. Pump set at 94 ft. Drawdown 23 ft pumping 160 gal/min when drilled. Pumping level 46.0 ft on Apr. 11, 1977. Temp. 70°F. <u>1</u>
* 701	Union Texas Petroleum	--	1955	940	6	940	Kca	730	125	June 1958	T, E 20	Ind	Perforated from 880-940 ft. Reported yield 50 gal/min. Temp. 77°F.
* 702	W. C. Garner	Hal Douglas	1957	338	10 8	300 338	Kgw	660	35	do	T, E 5	N	Perforated from 300-338 ft. Reported yield 100 gal/min. Temp. 67°F.
* 801	Big Mineral Camp	--	1951	285	5	--	Kgw	640	15	Dec. 1957	J, E 1/2	D, P	Flows when lake level is high.
* 802	Ralph Boston	Hal Douglas	1958	345	10	345	Kgw	675	99.4	Aug. 15, 1958	S, E 10	Irr	Perforated from 189-229; 291-303; and 313-345 ft. Pump set at 135 ft. Measured yield 110 gal/min. Drawdown 50 ft pumping 110 gal/min on Aug. 15, 1958. Temp. 67°F. <u>1</u>
901	Hagerman National Wild-life Refuge	Layne-Texas Co.	--	654	--	--	Kca	645	--	--	N	N	Test well. <u>1</u>
* 902	Flowing Wells Resort	J. L. McClure	1946	354	5	--	Kgw	640	35	1956	N	N	Well destroyed.
903	do	Faulkner and Son Water Well Service, Inc.	1977	435	4	425	Kgw	640	80	Aug. 12, 1977	J, E 3	P	Perforated from 248-253; 375-385; 401-406; and 425-435 ft. Pump set at 120 ft. <u>1</u>
* 11-201	Texoma Methodist Camp	Layne-Texas Co.	1963	319	10 6	84 118	Kca	670	47 70	Aug. 1, 1963 Aug. 15, 1976	S, E 5	P	Cemented to 84 ft. Screened from 88-108 ft. Underreamed. Gravel packed. Pump set at 90 ft. Drawdown 38 ft pumping 47 gal/min when drilled. Temp. 67°F. <u>1</u> <u>2</u>
301	Hanning Water Co.	A. L. Moser Water Well Service	1961	174	5	174	Kca	702	--	--	S, E 1	P	Perforated.
* 302	do	do	1965	187	5	187	Kca	700	--	--	S, E 3	P	Do.
303	do	do	1970	205	8	205	Kca	700	110 85.6	Apr. 7, 1970 June 3, 1977	S, E 3	P	Cemented to 66 ft. Perforated from 180-205 ft. Drawdown 72 ft pumping 51 gal/min when drilled. <u>1</u>
* 401	Tanglewood Hills	do	1971	454	5	454	Kca	700	210	July 23, 1971	S, E 7 1/2	P	Cemented from 363-440 ft. Slotted from 440-454 ft. Pump set at 336 ft. Temp. 73°F. <u>1</u>
* 402	Fitzpatrick Co.	J. L. Myers Sons	1956	757	7 4	660 757	Kca	780	190 250.9	Oct. 1956 May 3, 1977	S, E 5	Irr	Screened from 652-752 ft. Gravel packed. Measured yield 33 gal/min on May 3, 1977. Drawdown 138 ft when drilled. Temp. 67°F. <u>1</u> <u>2</u>
* 403	Hanning Water Co.	A. L. Moser Water Well Service	1963	93	7	93	Kcpp	730	--	--	S, E 1	P	Perforated. Temp. 70°F.
* 404	do	do	1966	80	4	80	Kcpp	740	72.2	June 2, 1977	S, E 3/4	P	Perforated.
* 501	Dorothy Berry	J. L. McClure	1900	317	4	317	Kca	715	135 155.6 173.9	Oct. 21, 1957 Aug. 27, 1970 Nov. 24, 1976	S, E 1	D	<u>3</u>
502	Odis Fletcher	A. L. Moser Water Well Service	1973	273	7	273	Kca	695	129	Jan. 15, 1973	S, E 7 1/2	Ind	Cemented to 240 ft. Perforated from 240-273 ft. Pump set at 256 ft. Drawdown 118 ft pumping 92 gal/min when drilled. <u>1</u> <u>2</u>
503	Tanglewood Hills Country Club	--	1956	500	8	--	Kca	780	31.9	Apr. 7, 1977	S, E 1 1/2	P	Plugged back from 800 ft.

See footnotes at end of table.

GRAYSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*KCU-18-11-504	Tanglewood Hills	A. L. Moser Water Well Service	1973	337	7	337	Kca	670	191	Mar. 13, 1973	S, E 15	P	Cemented to 264 ft. Perforated from 274-337 ft. Pump set at 317 ft. Drawdown 113 ft pumping 120 gal/min when drilled. Temp. 70°F. <u>1</u> <u>2</u>
* 505	do	do	1973	615	7 3	592 615	Kepp, Kca	785	39 44.4	Mar. 20, 1973 Apr. 7, 1977	S, E 20	P	Cemented from 100-592 ft. Perforated from 60-90 and 392-615 ft. Gravel packed. Pump set at 465 ft. Drawdown 326 ft pumping 125 gal/min when drilled. Temp. 70°F. <u>1</u>
506	do	do	1973	392	7 3	330 392	Kca	715	120 168.1	Nov. 29, 1973 Apr. 7, 1977	N	N	Cemented to 330 ft. Slotted from 320-392 ft. Capped stand-by well. <u>1</u>
507	do	do	1974	352	7 4	308 352	Kca	720	190 178.5	Jan. 15, 1974 Apr. 7, 1977	N	N	Cemented to 308 ft. Slotted from 300-352 ft. Gravel packed. Reported yield 45 gal/min. Capped stand-by well. <u>1</u>
508	Hanning Water Co.	do	1965	281	7 5	238 281	Kca	700	--	--	S, E 5	P	Cemented to 238 ft. Perforated from 242-281 ft. Pump set at 189 ft. Pumping level 210 ft at 105 gal/min when drilled. <u>1</u>
509	do	do	1976	321	4	321	Kca	--	160	June 15, 1976	S, E 5	P	Cemented to 289 ft. Slotted from 274-321 ft. Pump set at 273 ft. <u>1</u>
* 701	Willow Springs School	E. C. Freeman	1957	192	6	--	Kgw	710	55.4 54.4	Aug. 30, 1957 May 3, 1977	J, E 1	N	<u>1</u> <u>3</u>
702	do	Faulkner and Son Water Well Service	1973	395	4	395	Kgw	710	100	Aug. 20, 1973	S, E 1	P	Cemented to 382 ft. Slotted from 382-395 ft. Pump set at 284 ft. <u>1</u>
* 801	B and P Service Station and Laundry	do	1966	375	4	375	Kgw	740	109.1 128.7	Aug. 27, 1970 Nov. 24, 1976	S, E 2	Ind	Cemented to 350 ft. Slotted from 350-375 ft. Pump set at 252 ft. <u>1</u> <u>3</u>
* 802	City of Pottsboro	Layne-Texas Co.	1952	443	6 4 2	240 343 443	Kgw	755	136 215.0	Mar. 27, 1958 Apr. 11, 1977	T, E 7 1/2	Irr	Cemented to 240 ft. Screened from 241-282 and 330-341 ft. Drawdown 33.5 ft pumping 73 gal/min on Mar. 27, 1958. Temp. 68°F. <u>1</u>
* 803	do	A. L. Moser Water Well Service	1964	458	6	417	Kgw	750	190	Mar. 3, 1964	S, E 10	P	Cemented to 338 ft. Screened from 346-366 and 384-410 ft. Gravel packed. Pump set at 409 ft. Drawdown 319 ft pumping 53 gal/min when drilled. Temp. 74°F. <u>1</u>
* 804	Texoma Ranch Estates	do	1973	281	7	281	Kgw	738	69 88.2	Aug. 6, 1973 Apr. 8, 1977	S, E 15	P	Cemented to 235 ft. Slotted from 238-281 ft. Pump set at 252 ft. Drawdown 48 ft pumping 80 gal/min when drilled. <u>1</u>
* 805	Chevron U.S.A.	Layne-Texas Co.	1962	496	14 8	173 443	Kgw	720	97.0 180 188 161.0	Sept. 5, 1962 Mar. 31, 1967 Mar. 13, 1972 Apr. 25, 1977	T, E 15	Ind	Cemented to 173 ft. Screened from 180-195; 252-260; 385-395; and 405-435 ft. Underreamed. Gravel packed. Pump set at 400 ft. Measured yield 71 gal/min in 1971. Drawdown 144 ft pumping 80 gal/min when drilled. Temp. 66°F. <u>1</u> <u>2</u>
* 901	Howard and Son Water Co.	M. L. Winegeart	1955	341	6	305	Kgw	742	140.0	June 3, 1977	T, E 7 1/2	P	Cemented to 305 ft. Open hole completion. Pump set at 230 ft. Pumping level 180.0 ft on June 3, 1977.
902	do	Faulkner and Son Water Well Service	1976	340	6	305	Kgw	742	140.2	do	S, E 7 1/2	P	Open hole completion from 305-340 ft. Pump set at 252 ft.
* 12-401	W. E. Phillips	J. L. McClure	1952	295	4	--	Kca	700	110 177.7	July 10, 1958 Nov. 24, 1976	S, E 2	D, S	<u>3</u>
* 601	Johns-Manville Co.	do	1958	58	5	58	Qal	538	25	1958	S, E 1	Ind	Perforated from 38-58 ft. Reported yield 35 gal/min. Temp. 67°F.

See footnotes at end of table.

## GRAYSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*KT-18-12-602	Johns-Manville Co.	Johns-Manville Co.	1977	50	6	50	Qa1	530	28	May 1977	S, E 1/4	Ind	Perforated from 40-50 ft.
801	Urban Services	J. L. Myers Sons	1963	673	--	--	Kca	785	--	--	N	P	Plugged. <u>2</u>
802	do	do	1965	727	--	--	Kca	785	--	--	N	P	Do.
13-801	Johnnie McGraw	Faulkner Water Well Service	1967	60	5	60	Kgw	550	30	Mar. 1, 1970	S, E 3/4	D, S	Slotted from 20-60 ft. Gravel packed. <u>1</u>
802	Robert Cherry	--	--	100	--	--	Kgw	640	62.7 63.3	Nov. 11, 1971 Nov. 20, 1972	N	N	--
* 803	do	--	1955	200	--	--	Kgw	640	--	--	C, E	D, S	--
804	Billy Kane	Combs Drilling Service	1964	56	16	56	Qa1	643	27	Feb. 12, 1964	J, E 1/2	D	Gravel packed. <u>1</u>
17-201	B. Scarbrough	Westbrook Drilling Co.	1971	300	7	300	Kgw	802	85	Apr. 3, 1971	N	N	Slotted from 150-190 and 250-290 ft. Gravel packed. Not sufficient water. Destroyed. <u>1</u>
* 601	F. H. Jackson	A. L. Moser Water Well Service	1969	290	6	290	Kgw	760	--	--	S, E 15	Irr	Slotted. Gravel packed. Measured yield 182 gal/min on Aug. 11, 1976. Temp. 68°F.
801	T. S. Tidwell	Howell, Hollaway and Howell	1953	705	10	260	Kgw	778	95	1955	T, E 15	Irr	Perforated from 250-260 ft. Reported yield 125 gal/min in May 1958.
* 901	City of Whitesboro	Layne-Texas Co.	1946	1,520	10 5	1,404 1,520	Kca	810	229 248.5 254	June 26, 1946 May 9, 1957 Jan. 1970	T, E 60	P	Cemented to 1,404 ft. Screened from 1,388-1,519 ft. Gravel packed. Pump set at 450 ft. Measured yield 300 gal/min in Aug. 1955. Drawdown 107 ft pumping 330 gal/min on May 9, 1957. Temp. 79°F. <u>1</u> <u>2</u>
* 902	do	do	1935	1,518	10 5	1,399 1,512	Kca	820	171 212.0 230.0 242.5 290.0 380.0	May 11, 1935 July 26, 1951 Apr. 18, 1955 May 9, 1957 Sept. 25, 1963 Sept. 9, 1977	S, E 100	P	Screened from 1,384-1,426 and 1,445-1,508 ft. Gravel packed. Reported yield 400 gal/min in 1943. Drawdown 139 ft pumping 318 gal/min when drilled; 50 ft pumping 320 gal/min on July 5, 1977; and 180 ft pumping 410 gal/min on Sept. 9, 1977. Pump set at 800 ft. Temp. 80°F. <u>1</u>
903	N. H. Huff	A. L. Moser Water Well Service	1968	356	7	356	Kgw	740	50	Mar. 15, 1968	S, E 20	Irr	Slotted from 228-248; 268-288; and 338-356 ft. Gravel packed. Drawdown 115 ft pumping 400 gal/min when drilled. Reported yield 412 gal/min. <u>1</u>
904	Homer Hutto	Westbrook Drilling Co.	1971	301	7	253	Kgw	760	60	July 14, 1971	S, E 15	S, Irr	Slotted from 119-240 ft. Gravel packed. Reported yield 110 gal/min. <u>1</u>
905	--	--	--	--	7	--	Kgw	780	--	--	S, E	Irr	--
906	City of Whitesboro	--	--	1,500	12 7	-- --	Kca	810	--	--	N	N	Reported yield 90 gal/min in 1943. Destroyed.
* 907	do	--	1973	1,430	9	1,500	Kca	760	--	--	S, E 30	N	Converted oil test. Cemented to bottom. Gun perforated from 1,360-1,380 and 1,408-1,428 ft. Pumps sand.
* 18-101	Gene Deckard	Hall Douglas	1963	135	6	135	Kgw	690	--	--	S, E 1	Irr	Slotted. Estimated yield 25 gal/min.
201	do	--	--	359	6	359	Kgw	690	110	July 1972	S, E 7 1/2	Irr	Slotted. Pump set at 260 ft. Estimated yield 110 gal/min.
* 301	Hagerman National Wildlife Refuge	--	1918	140	3	--	Kgw	640	--	Apr. 28, 1977	Flows	P	Flows about one gal/min. Temp. 69°F.

See footnotes at end of table.

## GRAYSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*KT-18-18-401	R. R. Hightower	A. L. Moser Water Well Service	1966	356	7	356	Kgw	730	78	Mar. 25, 1966	S, E 20	Irr	Slotted from 180-238, 250-279; and 309-356 ft. Gravel packed. Pump set at 192 ft. Estimated yield 200 gal/min. Drawdown 62 ft pumping 350 gal/min when drilled. Temp. 68°F. $\frac{1}{2}$
402	James Hightower	do	1970	348	8	282	Kgw	735	60	July 1, 1970	S, E 15	Irr	Slotted. Gravel packed. Pump set at 265 ft. Drawdown 190 ft pumping 150 gal/min when drilled. Reported yield 60 gal/min. $\frac{1}{2}$ $\frac{2}{2}$
403	do	James Hightower	--	240	--	--	Kgw	730	--	--	S, E 2	Irr	Reported yield 20 gal/min.
404	F. H. Jackson	Strittmatter Irrigation and Supply	1976	365	12	365	Kgw	770	--	--	S, E	Irr	Slotted from 54-75, 80-95, 105-115, 145-155; 180-250; 290-295, and 335-365 ft. Gravel packed. Measured yield 190 gal/min on Aug. 15, 1976. $\frac{1}{2}$
* 405	Gene Deckard	Faulkner Water Well Service	1967	250	6 4	208 250	Kgw	740	87.5	Aug. 10, 1976	S, E 5	Irr	Slotted from 50-250 ft. Gravel packed. Pump set at 208 ft. Reported yield 75 gal/min.
* 406	do	Gene Deckard	1973	150	5	150	Kgw	740	91.6	do	S, E 1 1/2	Irr	Perforated from 80-150 ft. Gravel packed. Pump set at 140 ft. Measured yield 29.5 gal/min on Aug. 10, 1976.
* 407	do	Strittmatter Irrigation and Supply	1975	160	6	160	Kgw	753	--	--	S, E 5	Irr	Perforated from 80-160 ft. Gravel packed. Pump set at 140 ft. Measured yield 35 gal/min on Aug. 11, 1976. Temp. 68°F.
408	do	Crocker Drilling Co.	1966	337	6	337	Kgw	745	61.7	Sept. 15, 1976	S, E 10	Irr	Slotted from 20-337 ft. Pump set at 260 ft. Estimated yield 84 gal/min.
* 409	do	Gene Deckard	1970	129	6	129	Kgw	737	--	--	S, E 3	Irr	Perforated from 20-129 ft. Gravel packed. Pump set at 124 ft. Estimated yield 48 gal/min. Temp. 68°F.
* 410	do	do	1969	141	6	141	Kgw	740	21.1	Mar. 15, 1977	S, E 1 1/2	Irr	Perforated from 20-141 ft. Gravel packed. Estimated yield 35 gal/min on Aug. 11, 1976.
411	do	do	1972	132	5	132	Kgw	720	--	--	S, E 1 1/2	Irr	Perforated from 40-140 ft. Gravel packed. Estimated yield 30 gal/min.
412	do	Strittmatter Irrigation and Supply	1975	160	5	160	Kgw	740	--	--	S, E 3	Irr	Perforated from 20-160 ft. Gravel packed. Pump set at 150 ft. Measured yield 32 gal/min.
413	do	Gene Deckard	--	150	6	150	Kgw	740	--	--	S, E 3	Irr	Perforated. Gravel packed. Measured yield 80 gal/min.
* 414	do	Hal Douglas	1955	145	6	145	Kgw	740	--	--	S, E 1/2	Irr	Slotted. Measured yield 8.5 gal/min. Temp. 68°F.
415	do	Gene Deckard	1972	143	5	143	Kgw	730	61.3	Sept. 15, 1976	S, E 2	Irr	Perforated from 20-143 ft. Gravel packed. Pump set at 130 ft. Estimated yield 60 gal/min.
416	do	Strittmatter Irrigation and Supply	1976	220	7	160	Kgw	750	55.7	Feb. 10, 1977	S, E 1	Irr	Slotted from 50-105 and 135-145 ft. Gravel packed. Reported yield 35 gal/min. Drawdown 110 ft pumping 45 gal/min when drilled. $\frac{1}{2}$
417	City of Saddler	J. L. McClure	1925	300	5	300	Kgw	710	--	--	N	N	Water became saline. Plugged.
* 418	do	do	1926	300	7	300	Kgw	710	125	Apr. 19, 1977	S, E 5	P	Slotted. Pump set at 215 ft.
419	do	Hal Douglas	1930	300	7 5	--	Kgw	710	--	--	N	N	Plugged.

See footnotes at end of table.

## GRAYSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*KT-16-18-420	City of Saddler	A. L. Moser Water Well Service	1968	310	7 3	270 310	Kgw	720	115 125	July 22, 1968 Apr. 19, 1977	S, E 3	P	Cemented to 270 ft. Slotted from 220-310 ft. Underreamed. Gravel packed. Pump set at 210 ft. Reported yield 35 gal/min. Temp. 71°F. <u>1</u>
* 421	C. L. Sellers	Hal Douglas	1956	95	5	95	Kgw	742	66.3 65.1	Aug. 27, 1957 Jan. 20, 1959	J, E 3/4	D, S	Slotted from 69-95 ft. <u>3</u>
422	do	--	--	31	48	31	Kgw	742	17.3 14.4	Aug. 27, 1957 Apr. 27, 1977	N	N	<u>3</u>
423	do	Fleet Drilling Co.	1944	285	7	--	Kgw	745	72.2 73.9	Aug. 27, 1957 Apr. 27, 1977	N	N	<u>3</u>
601	Harry Wright	Crocker Drilling Co.	1964	479	8	479	Kgw	720	111	Oct. 1964	T, G 135	Irr	Slotted. Underreamed. Gravel packed. Pump set at 300 ft. Drawdown 98 ft pumping 850 gal/min when drilled. <u>1</u>
* 701	Lee Deckard	Superior Oil Co.	1955	420	10	420	Kgw	720	--	--	S, E 20	Irr	Gun perforated opposite sands. Converted oil test. Pump set at 250 ft. Measured yield 230 gal/min on Aug. 11, 1976.
702	Gene Deckard	Gene Deckard	1969	126	5	126	Kgw	742	--	--	S, E 2	Irr	Perforated from 20-126 ft. Gravel packed. Pump set at 122 ft. Estimated yield 35 gal/min.
703	do	Faulkner Water Well Service	1968	118	4	118	Kgw	738	--	--	S, E 1	Irr	Slotted from 30-118 ft. Pump set at 115 ft. Estimated yield 35 gal/min.
704	N. H. Huff	A. L. Moser Water Well Service	1969	369	7	369	Kgw	757	60	May 22, 1969	S, E 20	Irr	Slotted from 170-210 and 242-360 ft. Gravel packed. Pump set at 230 ft. Drawdown 200 ft pumping 400 gal/min when drilled. <u>1</u>
* 901	Mrs. Billy Stevenson	J. L. Myers Sons	1962	390	4 2	372 390	Kgw	740	313.1 296.1	Aug. 25, 1970 Apr. 14, 1977	S, E 1 1/2	D	Cemented to 372 ft. Screened from 368-388 ft. Gravel packed. Pump set at 342 ft. <u>1</u> <u>3</u>
* 902	Southmayd High School	do	--	410	4	--	Kgw	725	200	June 1958	C, E 1 1/2	N	--
* 903	Southmayd Water Department	O. W. Wicherspoon	1963	420	8	355	Kgw	735	300	June 3, 1977	S, E 5	P	Open hole completion. Pump set at 365 ft. Reported yield 35 gal/min.
* 19-101	Hagerman National Wildlife Refuge	J. L. Myers Sons	1946	300	6	--	Kgw	660	34.5	Apr. 15, 1958	S, E 2	D	Measured yield 8.2 gal/min in Apr. 1958. <u>1</u>
* 102	do	do	1918	165	5	--	Kgw	650	+	Apr. 28, 1977	N	N	Flows about 1 gal/min into lake. Temp. 66°F.
* 301	City of Denison	--	1965	788	--	--	Kgw	760	251 231.9	Oct. 23, 1969 Nov. 24, 1975	T, E 50	P	Pump set at 550 ft. Temp. 76°F. <u>3</u>
* 302	do	--	1965	790	--	--	Kgw	760	250 294.0	Oct. 23, 1969 Sept. 1, 1970	T, E 50	P	Do.
* 303	do	J. L. Myers Sons	1941	620	8 6	510 620	Kgw	750	211.1 248.0	June 30, 1957 Mar. 22, 1963	T, E 20	N	Slotted from 50-620 ft. Drawdown 167 ft pumping 60 gal/min on June 30, 1957. Temp. 76°F. <u>1</u>
* 304	do	do	1941	688	10 8 7 5	30 504 600 688	Kgw	765	157 250.0	Sept. 14, 1941 Mar. 22, 1963	N	N	Capped. Cemented from 0-504 ft. Screened from 504-524 and 634-688 ft. Drawdown 161 ft pumping 120 gal/min when drilled. Temp. 77°F. <u>1</u>
305	do	do	1941	700	8 7	585 685	Kgw	755	--	--	N	N	Perforated from 585-685 ft. Plugged. <u>1</u>
* 306	do	Layne-Texas Co.	1942	1,570	10 6	1,280 1,570	Koa	755	242 365 345.0	May 1945 Mar. 22, 1963 Apr. 6, 1977	T, E 30	P	Screened from 1,321-1,382; 1,400-1,416; 1,450-1,480; and 1,495-1,555 ft. Plugged back from 2,131 ft. Underreamed. Gravel packed. Pump set at 550 ft. Salt water below 1,570 ft. <u>1</u>

See footnotes at end of table.



GRAYSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*KT-18-19-307	City of Denison	Layne-Texas Co.	1943	801	8 7 5	660 697 801	Kgw	760	--	--	N	N	Perforated from 660-686; 699-734; 738-749; and 763-788 ft. Reported yield 60 gal/min. <u>1</u>
* 501	Tri-State Motor Transport	J. L. Myers Co.	1974	865	5 2	838 865	Kgw	825	605	Aug. 27, 1974	S, E 5	Ind	Cemented to 838 ft. Screened from 838-859 ft. Gravel packed. Pump set at 720 ft. <u>1</u>
601	City of Denison	E. C. Freeman	1941	640	8 6	-- --	Kgw	762	186	Mar. 22, 1963	T, E 20	N	Slotted.
* 602	do	Layne-Texas Co.	1953	642	14 8	463 642	Kgw	775	238 258.0 205.0	May 1953 Mar. 22, 1963 Apr. 6, 1977	T, E 25	N	Cemented to 463 ft. Screened from 470-490, 514-524; and 612-632 ft. Underreamed. Gravel packed. Drawdown 166 ft pumping 77 gal/min on June 31, 1957. <u>1</u>
* 701	Bermico Co.	do	1951	772	16 8	610 772	Kgw	788	281.0 386.0 420.0	June 14, 1951 July 18, 1959 Dec. 1970	T, E 75	Ind	Cemented to 610 ft. Screened from 623-639, 646-658; and 670-750 ft. Underreamed. Sand packed. Pump set at 470 ft. Measured yield 160 gal/min on June 14, 1961, and 200 gal/min on Apr. 26, 1977. Pumping level 422 ft on June 14, 1961, and 462 ft on Apr. 26, 1977. Drawdown 35 ft pumping 222 gal/min June 14, 1951. <u>1</u>
* 702	do	do	1953	770	16 8	642 770	Kgw	760	315 358.6	July 11, 1953 July 18, 1959	T, E 75	Ind	Cemented to 642 ft. Screened from 651-724 ft. Underreamed. Gravel packed. Pump set at 528 ft. Measured yield 210 gal/min on June 15, 1961, and 200 gal/min on Apr. 26, 1977. Pumping level 452 ft on June 15, 1961, and 493 ft on Apr. 26, 1977. Drawdown 166 ft pumping 340 gal/min when drilled. <u>1</u> <u>2</u>
* 801	C. B. Fallon	E. C. Freeman	1947	632	4	632	Kgw	840	300	Apr. 27, 1977	C, E 1	D, S	Slotted from 600-630 ft.
* 802	do	--	1955	1,600	10	1,600	Kca	770	252.5 298.7	May 16, 1958 Apr. 27, 1977	S, E 5	S	Gun perforated from 1,500-1,600 ft. Converted oil test. Temp. 70°F.
* 901	Hale Manufacturing Co.	R. F. Myers	1968	872	5	871	Kgw	690	449.1	Aug. 25, 1970	S, E 5	Ind	Cemented to 872 ft. Gun perforated from 793-808 and 834-838 ft. Pump set at 720 ft. Temp. 70°F. <u>1</u>
* 20-101	D. H. Hamilton	--	--	630	4	630	Kgw	790	123.1 128.2 129.1	May 13, 1958 Aug. 27, 1970 Nov. 12, 1971	C, E 1 1/2	D	--
102	Paul Sanderson	J. L. Myers Sons	1971	837	5 2	800 837	Kgw	755	315	Mar. 25, 1971	S, E 5	P	Cemented to 800 ft. Screened from 800-821 ft. Pump set at 419 ft. Reported yield 25 gal/min. <u>1</u> <u>2</u>
103	Metro Concrete Co.	Faulkner and Son Water Well Service	1968	640	4	640	Kgw	690	250	Sept. 25, 1968	N	N	Slotted from 610-640 ft. Plugged. <u>1</u>
104	Cecile Sanderson	do	1968	720	4	720	Kgw	755	--	--	S, E 5	P	Cemented to 690 ft. Gun perforated from 575-610 and slotted from 690-720 ft. Reported yield 43 gal/min. <u>1</u>
201	Denison Cotton Mill	--	1890	50	72	50	Kgw	680	25 35	Mar. 1958 June 2, 1977	T, E 7 1/2	N	Reported yield 30 gal/min.
* 401	City of Sherman	Layne-Texas Co.	1966	1,012	20 12 10	730 740 965	Kgw	835	435 465.0 514.0	June 7, 1966 July 6, 1966 Feb. 26, 1976	T, E 150	P	Cemented to 730 ft. Screened from 740-885 and 900-950 ft. Underreamed. Gravel packed. Pump set at 790 ft. Reported yield 600 gal/min. Drawdown 87.5 ft pumping 602 gal/min on July 5, 1966, and 62 ft pumping 540 gal/min on Feb. 26, 1976. <u>1</u>

See footnotes at end of table.

GRAYSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
KT-18-20-501	W. O. Wright, Jr.	Faulkner and Son Water Well Service	1973	380	4	380	Kgw	630	--	--	S, E	P	Cemented to 90 ft. Slotted from 360-380 ft. Gravel packed. Drawdown 50 ft pumping 32 gal/min when drilled. <u>y</u>
* 601	Star Water Supply Corporation	A. L. Moser Water Well Service	1968	307	7	307	Kgw	680	--	--	N	N	Cemented to 250 ft. Slotted. Plugged. <u>y</u>
602	do	do	1969	310	7	310	Kgw	680	246.9	Apr. 14, 1977	N	N	Slotted. To be plugged. <u>y</u>
* 603	do	do	1972	320	7	320	Kgw	680	90	Feb. 22, 1972	N	N	Cemented to 250 ft. Slotted from 250-320 ft. Gravel packed. Drawdown 70 ft. Pumping 140 gal/min when drilled. <u>y</u> <u>y</u>
* 604	do	J. L. Myers Sons	1974	1,050	7 3	979 1,050	Kca	680	300 415.0	Mar. 6, 1974 Apr. 14, 1977	S, E 20	P	Cemented to 979 ft. Screened from 979-984; 990-995; 1,000-1,028; and 1,038-1,043 ft. Pump set at 661 ft. <u>y</u> <u>y</u>
605	do	do	1975	1,100	7 3	950 1,100	Kca	665	380	1975	N	N	Insufficient yield.
* 606	do	do	1975	1,180	7 3 2	955 1,029 1,180	Kca	665	375.0	Aug. 15, 1975	S, E 20	P	Cemented to 955 ft. Screened from 955-1,029 and 1,057-1,103 ft. Underreamed. Gravel packed. Pump set at 702 ft. Pumping level 609 ft on Apr. 14, 1977. <u>y</u> <u>y</u>
* 607	City of Danison	Faulkner and Son Water Well Service	1976	390	6	390	Kgw	623	20	Jan. 19, 1976	S, E 3	Ind	Cemented to 365 ft. Slotted from 365-390 ft. Pump set at 252 ft. Reported yield 60 gal/min. <u>y</u>
701	City of Sherman	Green Deep Well Co.	1913	778	8	721	Kgw	725	398.0 418.7	July 13, 1945 Dec. 18, 1958	N	N	Open hole completion from 721-788 ft. Reported yield 280 gal/min. <u>y</u>
* 702	do	W. E. Tomerlin	1916	776	8	725	Kgw	718	259.7 388.4	July 13, 1945 Feb. 13, 1959	N	N	Open hole completion from 725-776 ft. Pumping level 44.2 ft in Oct. 1945. <u>y</u> <u>y</u>
* 703	do	B. J. Harper	1921	2,136	8 6	1,965 2,136	Kca	720	225 243.0 355 536	Dec. 1921 July 1945 July 2, 1958 Apr. 8, 1976	S, E 60	P	Stainer from 1,965-2,136 ft. Drilled to 2,366 ft. Pump set at 760 ft. Pumping level 292 ft at 300 gal/min on Apr. 2, 1942; 513 ft on Feb. 13, 1959; and 649 ft on Apr. 13, 1977. Measured yield 182 gal/min in Feb. 1976. <u>y</u> <u>y</u>
704	do	--	1911	778	8	--	Kgw	723	268.8	July 14, 1945	N	N	Perforated 541-580 ft. Reported yield 80 gal/min. Pumping level 443 ft in Nov. 1945. <u>y</u>
705	do	W. E. Tomerlin	1917	785	8	726	Kgw	727	271.8	July 13, 1945	N	N	Open hole completion from 726-785 ft. Reported yield 90 gal/min. Pumping level 443.5 ft in July 1945. <u>y</u>
706	do	do	1917	786	8	724	Kgw	730	271.3	do	N	N	Open hole completion from 724-786 ft. Reported yield 90 gal/min. Pumping level 444.3 ft on July 14, 1945.
* 707	do	do	1917	786	8	724	Kgw	726	--	--	T, E 60	P	Open hole completion from 724-786 ft. Measured yield 275 gal/min in July 1945; 239 gpm on Nov. 13, 1958; and 180 gal/min in Apr. 1975. Pump set at 600 ft. Temp. 79°F. <u>y</u>
* 708	do	Texas Tong & Tool Co., Inc.	1923	2,146	12 10 8 6	369 1,373 2,072 2,141	Kca	728	297 490.0	Aug. 14, 1941 Feb. 9, 1972	T, E 100	P	Perforated from 1,373-2,141 ft. Pump set at 1,010 ft. Pumping level 385 ft at 500 gal/min in Feb. 1939 and 615 ft at 299 gal/min on Feb. 9, 1972. Reported yield 360 gal/min in July 1945 and 400 gal/min in Apr. 1975. Temp. 91°F.

See footnotes at end of table.

## GRAYSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
WKT-16-20-709	City of Sherman	Layne-Texas Co.	1944	2,169	14 13 8 6	630 1,376 1,712 2,086	Kca	730	256.2 349.9 484.0	July 14, 1945 Jan. 27, 1958 Mar. 24, 1977	T, E 100	P	Cemented to 1,376 ft. Screened from 1,382-1,427; 1,559-1,580; 1,599-1,621; 1,644-1,712; 1,757-1,779; and 1,934-2,084 ft. Underreamed. Gravel packed. Pump set at 1,012 ft. Reported yield 350 gal/min in June 1957 and Apr. 1975. Drawdown 260 ft pumping 543 gal/min on Oct. 27, 1944. Pumping level 690.0 ft on Mar. 26, 1977. Temp. 91°F. <u>1</u>
* 710	do	do	1949	789	14	713 785	Kgw	730	403.4 439	Aug. 15, 1957 Feb. 9, 1972	T, E 75	P	Cemented to 713 ft. Slotted from 718-773 ft. Underreamed. Gravel packed. Pump set at 685 ft. Reported yield 332 gal/min in Aug. 1958 and 250 gal/min in Apr. 1975. Drawdown 110 ft pumping 350 gal/min when drilled. Pumping level 633.0 ft on Apr. 13, 1977. Temp. 78°F. <u>1</u> <u>2</u> <u>3</u>
* 711	do	do	1956	955	12 8	580 955	Kgw	795	421.1 442.0 513 497	Aug. 13, 1957 Feb. 13, 1959 Feb. 9, 1972 Feb. 25, 1976	T, E 125	P	Cemented to 580 ft. Screened from 580-610; 628-668; 676-696; 755-765; 780-820; 830-835, and 850-940 ft. Underreamed. Gravel packed. Pump set at 620 ft. Measured yield 594 gal/min in Feb. 1976. Drawdown 107 ft pumping 594 gal/min on Feb. 25, 1976. Temp. 79°F. <u>1</u> <u>2</u> <u>3</u>
* 712	do	do	1956	2,176	16 8	1,470 2,140	Kca	795	410.2 391.5 478	Nov. 13, 1957 Feb. 13, 1959 Apr. 2, 1975	T, E 150	P	Cemented to 1,470 ft. Screened at 12 intervals from 1,480-2,130 ft for a total of 400 ft. Underreamed. Gravel packed. Pump set at 720 ft. Measured yield 326 gal/min on Apr. 26, 1975. Drawdown 233 ft pumping 346 gal/min on July 10, 1956. Pumping level 648.5 ft on Aug. 12, 1957. Temp. 90°F. <u>1</u> <u>2</u> <u>3</u>
* 713	do	do	1953	2,295	14 8	1,495 2,295	Kca	740	385.3 298.5 465 486	Aug. 13, 1957 Feb. 13, 1959 Feb. 9, 1972 Apr. 13, 1977	T, E 150	P	Cemented to 1,495 ft. Screened from 1,501-1,591; 1,661-1,746; 1,953-1,958; 2,001-2,031; 2,051-2,136; and 2,155-2,265 ft. Underreamed. Gravel packed. Pump set at 640 ft. Measured yield 515 gal/min in Feb. 1976. Temp. 91°F. <u>1</u> <u>2</u> <u>3</u>
* 714	do	do	1953	736	14 8	605 736	Kgw	740	325 343.4 428.0 536.0	Apr. 8, 1953 Jan. 15, 1959 Feb. 9, 1972 Apr. 13, 1977	T, E 100	P	Cemented to 605 ft. Screened from 626-726 ft. Underreamed. Gravel packed. Pump set at 690 ft. Reported yield 350 gal/min in Aug. 1958 and 270 gal/min in Feb. 1976. Temp. 79°F. <u>1</u> <u>2</u> <u>3</u>
715	do	do	1947	2,256	10 7	1,603 2,256	Kca	700	266.3	Feb. 13, 1959	N	N	Cemented to 1,603 ft. Screened at 7 intervals from 1,688-2,255 ft for a total of 274 ft. Drawdown 160 ft pumping 354 gal/min on Nov. 18, 1947. <u>1</u> <u>2</u>
* 716	do	do	1947	915	8 4	654 913	Kgw	705	--	--	N	N	Cemented to 654 ft. Screened from 652-706 and 748-768 ft. Gravel packed. Reported yield 200 gal/min. <u>2</u>
717	do	do	1953	2,168	--	--	Kca	670	--	--	N	N	Test well. <u>2</u>
718	St. Louis, San Francisco and Texas Railroad Co.	W. E. Tomerlin	1916	814	8	766	Kgw	770	252 418.2	Jan. 27, 1933 Nov. 6, 1958	N	N	Open hole completion. Reported yield 180 gal/min. Plugged. <u>1</u>
719	do	Layne-Texas Co.	1943	805	10 6	735 805	Kgw	770	273.0	Jan. 4, 1944	N	N	Cemented to 735 ft. Screened from 746-792 ft. Underreamed. Gravel packed. Drawdown 83 ft pumping 265 gal/min on June 27, 1944. Plugged. <u>1</u>
720	Southern Pacific Lines	do	1949	730	6	730	Kgw	700	--	--	N	N	Perforated from 673-720 ft. Reported yield 60 gal/min. Plugged. <u>1</u>

See footnotes at end of table.

GRAYSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*KT-18-20-721	Anderson and Clayton Co.	J. L. Myers Sons	1939	730	8 6	615 680	Kgw	770	250	1939	T, E 50	N	Perforated from 615-680 ft. Reported yield 120 gal/min. Pumping level below top of 6-inch liner. <u>1</u>
722	Sherman Steam Laundry	Walter Green	1910	791	8 6	620 791	Kgw	701	351	Sept. 1955	T, E 20	N	Gravel packed. Reported yield 100 gal/min. <u>1</u>
723	Southern Ice Co.	--	1910	700	8	--	Kgw	720	400	1955	N	N	Reported yield 30 gal/min in Nov. 1958. Plugged.
* 801	City of Sherman	Layne-Texas Co.	1966	1,025	12 10	650 995	Kgw	775	454.9 444.0 435.0	Aug. 11, 1966 Jan. 29, 1976 Apr. 13, 1977	T, E 150	P	Cemented to 640 ft. Screened from 650-700, 710-730; 740-780; 800-895, and 905-980 ft. Underreamed. Gravel packed. Pump set at 633 ft. Drawdown 119 ft pumping 608 gal/min on Aug. 9, 1966, and 112 ft pumping 500 gal/min on Jan. 29, 1976. Pumping level 574 ft at 550 gal/min on Feb. 9, 1972. <u>1</u> <u>2</u>
* 802	do	do	1967	2,231	16 10	1,500 2,231	Kca	775	411 480.0	Jan. 16, 1967 Jan. 29, 1976	T, E 200	P	Cemented to 1,500 ft. Screened at 20 intervals from 1,510-2,214 ft for a total of 400 ft. Underreamed. Gravel packed. Pump set at 762 ft. Measured yield 475 gal/min in Feb. 1976. Drawdown 168 ft pumping 567 gal/min when drilled. Pumping level 520 ft on Feb. 9, 1972, and 610 ft on Mar. 25, 1976. <u>1</u> <u>2</u>
* 803	do	Texas Water Wells	1970	2,307	16 10	1,460 2,216	Kca	675	410.0 387.0 377.0	Apr. 3, 1970 Feb. 9, 1972 Jan. 28, 1976	T, E 200	P	Cemented to 1,460 ft. Screened from 1,464-1,570; 1,595-1,620; 1,760-1,806; 1,828-1,848; 1,890-1,920; 1,986-2,012; 2,070-2,120; and 2,140-2,206 ft. Drawdown 213 ft pumping 636 gal/min on Apr. 3, 1970, and 161 ft pumping 520 gal/min on Jan. 28, 1976. Pumping level 571 ft on Feb. 9, 1972. <u>1</u>
* 804	do	do	1970	1,044	12 10	790 1,044	Kgw	675	327.0	Jan. 28, 1977	T, E 150	P	Cemented to 560 ft. Screened from 570-624; 638-658; 790-810; 834-908; and 966-1,034 ft. Underreamed. Gravel packed. Pump set at 635 ft. Reported yield 550 gal/min in Feb. 1976. Pumping level 570 ft on Apr. 13, 1977. Drawdown 207 ft pumping 708 gal/min on May 5, 1970. <u>1</u>
21-701	Paul Satterfield	Cracker Drilling Co.	1964	105	4	105	Kgw	630	37.7	May 2, 1977	N	N	Slotted, Gravel packed. <u>1</u>
* 901	R. P. Robins	A. L. Moser Water Well Service	1965	301	4	301	Kgw	590	211.0 212.9	Aug. 26, 1970 Nov. 29, 1976	S, E 3/4	D	Slotted from 270-301 ft. <u>1</u> <u>3</u>
* 25-301	McDonnell Construction Co.	Faulkner and Son Water Well Service	1970	280	7	280	Kgw	740	84.6 96.9	Feb. 24, 1971 Nov. 24, 1976	S, E	D, Irr	Cemented to 50 ft. Slotted from 250-280 ft. Gravel packed. Drawdown 60 ft pumping 90 gal/min in Aug. 1970. <u>1</u> <u>3</u>
* 302	A. L. Welch	Strittmatter Irrigation and Supply	1972	320	16	320	Kgw	725	105	July 25, 1972	T, G 100	Irr	Slotted from 140-320 ft. Gravel packed. Pump set at 300 ft. Measured yield 420 gal/min on Aug. 17, 1976. Drawdown 195 ft pumping 750 gal/min on July 25, 1972. <u>1</u>
* 601	City of Collinsville	J. L. Myers Sons	1949	1,524	8 6 5	509 1,355 1,522	Kca	750	188.8	May 7, 1957	N	N	Cemented to 1,355 ft. Drawdown 26 ft pumping 110 gal/min on May 7, 1957. Pumping level 213.4 ft on Apr. 8, 1957. Sanded up and plugged. Temp. 77°F. <u>1</u> <u>2</u>
602	do	--	1928	800	--	--	Kca	750	200	1943	N	N	Reported yield 25 gal/min in 1943. Destroyed.
* 603	do	J. L. Myers Sons	1965	1,460	7 3	1,356 1,460	Kca	750	226.9 330.8	Aug. 25, 1970 Nov. 24, 1976	S, E 25	P	Cemented to 1,356 ft. Screened from 1,357-1,420 ft. Gravel packed. Drawdown 90 ft pumping 125 gal/min on Oct. 13, 1965. <u>1</u> <u>3</u>

See footnotes at end of table.

## GRAYSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Data completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
KT-18-25-604	City of Collinsville	J. L. Myers Sons	1971	1,474	7 3	1,392 1,468	Kca	750	430	Mar. 17, 1971	S, E 20	P	Cemented to 1,392 ft. Screened from 1,392-1,413 and 1,418-1,458 ft. Underreamed. Gravel packed. Pump set at 650 ft. Drawdown 100 ft pumping 90 gal/min when drilled. <u>1/2</u>
* 605	Bob Light	Westbrook Drilling Co.	1971	425	14	340	Kgw	717	30	Feb. 24, 1971	T, G 140	Irr	Slotted from top to bottom. Gravel packed. Pump set at 330 ft. Drawdown 200 ft pumping 1,170 gal/min when drilled. Measured yield 370 gal/min on Aug. 12, 1976. <u>1/2</u>
* 606	David Honeycutt	Strittmatter Irrigation and Supply	1972	320	8	320	Kgw	710	101	Aug. 1, 1972	S, E 25	Irr	Slotted from 200-320 ft. Gravel packed. Pump set at 232 ft. Measured yield 195 gal/min on Aug. 12, 1976. <u>1/2</u>
* 607	do	Westbrook Drilling Co.	1971	330	14	330	Kgw	700	25	Mar. 31, 1971	T, G	Irr	Slotted top to bottom. Gravel packed. Measured yield 205 gal/min on Aug. 13, 1976. Drawdown 285 ft pumping 540 gal/min on Aug. 13, 1976. Drawdown 285 ft pumping 540 gal/min when drilled. Temp. 69°F. <u>1/2</u>
* 608	Manuel Carney	Strittmatter Irrigation and Supply	1972	309	8	309	Kgw	700	106	Aug. 25, 1972	T, G	Irr	Slotted from 229-309 ft. Gravel packed. Measured yield 210 gal/min on Aug. 13, 1976. Drawdown 28 ft pumping 200 gal/min when drilled. Temp. 68°F. <u>1/2</u>
* 609	A. L. Welch	High Plains Drilling Co.	1970	310	14	310	Kgw	740	--	--	T, G 100	Irr	Slotted from 177-234 and 272-305 ft. Gravel packed. Pump set at 280 ft. Measured yield 340 gal/min on Aug. 17, 1976. Tested at 1,400 gal/min in Apr. 1970. Temp. 68°F. <u>1/2</u>
* 610	Kenneth Hampton	Westbrook Drilling Co.	1973	300	7	300	Kgw	690	--	--	S, E 20	Irr	Slotted. Gravel packed. Pump set at 275 ft. Measured yield 175 gal/min on Sept. 15, 1976. Temp. 68°F. <u>1/2</u>
* 611	Bill Schindler	do	--	321	14	321	Kgw	740	--	--	T, G 100	Irr	Slotted from 240-320 ft. Gravel packed. Measured yield 335 gal/min on Aug. 24, 1976. Temp. 68°F. <u>1/2</u>
* 901	Wayne McCorkle	do	1971	352	14	298	Kgw	695	--	--	T, G 95	Irr	Slotted from 200-289 ft. Gravel packed. Measured yield 380 gal/min on Aug. 12, 1976. <u>2/2</u>
* 26-101	Two-Way Water Supply Corporation	Madewell Drilling Co.	1973	446	8 4	365 446	Kgw	795	139.0	Apr. 9, 1976	S, E 15	P	Cemented to 365 ft. Screened from 379-419 ft. Underreamed. Gravel packed. Pump set at 325 ft. Pumping level 330 ft at 118 gal/min when drilled. <u>1/2</u>
* 401	Bob Light	Strittmatter Irrigation and Supply	1972	355	16	355	Kgw	705	110	July 25, 1972	T, G 150	Irr	Slotted from 235-355 ft. Gravel packed. Pump set at 340 ft. Measured yield 430 gal/min on Aug. 12, 1976. Drawdown 230 ft pumping 950 gal/min when drilled. <u>1/2</u>
402	do	do	1972	350	16	350	Kgw	708	--	--	T, G 150	Irr	Slotted from 230-350 ft. Gravel packed. Measured yield 425 gal/min on Aug. 12, 1976.
403	David Honeycutt	Westbrook Drilling Co.	1971	260	7	260	Kgw	700	80	Mar. 27, 1971	S, E 7 1/2	D, S	Slotted from 223-260 ft. Drawdown 120 ft pumping 260 gal/min when drilled. <u>1/2</u>
* 404	do	do	1972	340	14	--	Kgw	700	--	--	T, G 125	Irr	Slotted. Gravel packed. Measured yield 505 gal/min on Aug. 13, 1976.
27-101	Bermico Co.	Layne-Texas Co.	1959	822	--	--	Kgw	780	--	--	N	N	Test well. <u>2/2</u>
201	Hanning Water Co.	A. L. Moser Water Well Service	--	600	7	--	Kgw	870	--	--	S, E 5	P	Perforated. Pump set at 588 ft.

See footnotes at end of table.

GRAYSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
KT-18-27-202	Hanning Water Co.	A. L. Moser Water Well Service	--	600	7	--	Kgw	870	--	--	S, E 5	P	--
501	Ada Oil Co.	J. L. Myers Sons	1956	654	5	654	Kgw	851	308	July 2, 1956	S, E 1	D	Perforated from 626-654 ft. <u>1</u>
* 701	W. C. Canada	--	1950	613	--	--	Kgw	845	391.3 434.7	Aug. 26, 1970 Nov. 25, 1975	S, E 2	D	<u>2</u>
* 801	City of Sherman	Layne-Texas Co.	1973	950	20 12	620 950	Kgw	840	367 439.0	Oct. 10, 1973 Dec. 4, 1975	S, E 30	P	Cemented to 620 ft. Screened from 630-670; 748-772; 788-856; and 888-934 ft. Underreamed. Gravel packed. Pump set at 723 ft. Drawdown 260 ft pumping 554 gal/min when drilled. Pumping level 558 ft on Feb. 6, 1978. <u>1</u> <u>2</u>
* 802	do	do	1975	2,480	16 10	1,580 2,480	Kca	855	492.2 504.8	Oct. 27, 1975 Feb. 6, 1978	N	P	Not in use yet. Cemented to 1,580 ft. Screened at 22 intervals between 1,594-2,454 ft for a total of 402 ft. Underreamed. Gravel packed. Drawdown 330 ft pumping 608 gal/min when drilled. <u>1</u> <u>2</u>
* 803	do	do	1976	2,250	--	--	Kca	840	445 465.5	July 12, 1976 Feb. 6, 1978	N	P	Not in use yet. Underreamed. Gravel packed. Drawdown 244 ft pumping 638 gal/min when drilled. <u>1</u> <u>2</u>
* 901	do	do	1975	2,460	14 8	1,655 2,460	Kca	810	473.3 495.6	May 27, 1975 Feb. 6, 1978	N	P	Not in use yet. Cemented to 1,655 ft. Screened at 27 intervals between 1,670-2,450 ft for a total of 251 ft. Underreamed. Gravel packed. Drawdown 330.5 ft pumping 351 gal/min when drilled. Temp. 90°F. <u>1</u> <u>2</u>
* 28-101	do	do	1958	2,380	16 10	1,580 2,380	Kca	740	312 507.0 530.0	Mar. 20, 1959 Feb. 9, 1972 Mar. 18, 1976	T, E 200	P	Cemented to 1,580 ft. Screened at 14 intervals between 1,585-2,370 ft for a total of 560 ft. Underreamed. Gravel packed. Pump set at 810 ft. Reported yield 600 gal/min on Apr. 25, 1975. Drawdown 406 ft pumping 602 gal/min when drilled. Pumping level 618 ft at 430 gal/min on Mar. 4, 1976. Plugged back from 2,452 ft. <u>1</u> <u>2</u>
* 102	do	do	1958	2,460	16 10	1,580 2,460	Kca	705	249 451.0 512.0	Jan. 28, 1959 Feb. 9, 1972 Apr. 5, 1976	T, E 200	P	Cemented to 1,580 ft. Screened at 12 intervals between 1,590-2,420 ft for a total of 435 ft. Underreamed. Gravel packed. Pump set at 600 ft. Reported yield 722 gal/min on Aug. 17, 1959, and 600 gal/min on Apr. 25, 1975. Drawdown 179 ft pumping 602 gal/min on Jan. 28, 1959. Pumping level 580 ft on Feb. 9, 1972. <u>1</u> <u>2</u>
* 103	do	do	1958	1,023	20 12 10	820 832 1,023	Kgw	705	290 508.0 458.0	Jan. 29, 1959 Feb. 9, 1972 Apr. 5, 1976	T, E 150	P	Cemented to 832 ft. Screened from 832-912 and 942-1,012 ft. Underreamed. Gravel packed. Pump set at 680 ft. Measured yield 580 gal/min on Jan. 29, 1959. Pumping level 590 ft on Apr. 13, 1977. <u>1</u>
* 104	do	do	1962	1,112	--	--	Kgw	736	--	--	N	N	Test well. Reported yield 200 gal/min. <u>1</u> <u>2</u>
105	do	do	1962	1,144	--	--	Kgw	750	--	--	N	N	Test well. <u>1</u> <u>2</u>
106	Burlington Manufacturing Co.	W. E. Tomerlin	1916	776	8	776	Kgw	680	260 433.0	July 1958 Jan. 27, 1970	T, E 25	Ind	Perforated from 735-776 ft. Pump set at 562 ft. Reported yield 100 gal/min in Nov. 1958. <u>1</u>
301	J. H. Washburn	J. L. Myers Sons	1957	745	4	745	Kgw	660	189.0	May 16, 1958	C, E 2	D	Perforated from 700-745 ft. <u>1</u>

See footnotes at end of table.

GRAYSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
KT-18-28-401	Texas Instruments	J. L. Myers Sons	1969	1,004	5 2	972 1,004	Kgw	770	476.6 469.5 474.4	Sept. 11, 1970 Feb. 24, 1971 Nov. 12, 1971	S, E	Ind	Cemented to 972 ft. Screened from 972-997 ft. Gravel packed. Pump set at 600 ft. <u>1</u>
* 402	City of Sherman	Layne-Texas Co.	1970	1,050	16 10 8	830 927 1,000	Kgw	675	481 397.0 454.0	May 4, 1970 Feb. 9, 1972 Mar. 3, 1976	T, E 125	P	Cemented to 830 ft. Screened from 840-910; 927-932; and 939-969 ft. Underreamed. Gravel packed. Pump set at 646 ft. Measured yield 472 gal/min on Apr. 25, 1972. Drawdown 147 ft pumping 457 gal/min on May 4, 1970. Pumping level 594 ft on Mar. 11, 1976. <u>1</u> <u>2</u>
403	do	do	1972	1,090	16 10	786 1,089	Kgw	760	411.0 466.0	June 7, 1972 Mar. 24, 1976	T, E 125	P	Cemented to 786 ft. Screened from 794-835, 930-935; 967-972; and 1,006-1,064 ft. Underreamed. Gravel packed. Pump set at 600 ft. Reported yield 400 gal/min on Apr. 25, 1975. Drawdown 181 ft pumping 402 gal/min on June 7, 1972. Pumping level 512 ft on Mar. 3, 1976, and 569 ft on Apr. 13, 1977. <u>1</u> <u>2</u>
* 404	do	do	1971	2,500	16 10	1,690 2,460	Kca	730	432.1 500.0	Mar. 8, 1972 Mar. 24, 1976	T, E 200	P	Cemented to 1,690 ft. Screened at 17 intervals between 1,700-2,450 ft for a total of 380 ft. Underreamed. Gravel packed. Pump set at 1,200 ft. Drawdown 420 ft pumping 608 gal/min on Mar. 8, 1972. Pumping level 749 ft at 525 gal/min on Mar. 11, 1976. <u>1</u> <u>2</u>
* 501	do	do	1973	2,600	--	--	Kca	700	--	--	N	N	Test well. <u>1</u> <u>2</u>
* 502	Luella Water Supply Corporation	J. L. Myers Sons	1967	1,260	7 3	1,105 1,260	Kgw	820	521 536.0 545.0	July 13, 1967 June 15, 1968 Feb. 21, 1972	S, E 25	P	Cemented to 1,105 ft. Screened from 1,105-1,155 ft. Gravel packed. Pump set at 661 ft. Drawdown 55 ft pumping 130 gal/min when drilled. Pumping level 580 ft on June 5, 1971, 600 ft at 95 gal/min on Feb. 21, 1972, and 611.0 ft on Apr. 26, 1977. Temp. 81°F.
403	Southwestern Bell Telephone	do	1963	856	4 2	834 856	Kgw	670	320	Feb. 7, 1963	S, E 2	N	Cemented to 834 ft. Screened from 832-853 ft. Gravel packed. <u>1</u>
* 601	City of Sherman	Layne-Texas Co.	1973	2,600	--	--	Kca	740	--	--	N	N	Test well. <u>1</u> <u>2</u>
* 602	do	do	1973	2,600	--	--	Kca	740	--	--	N	N	Do.
* 603	Luella Water Supply Corporation	J. L. Myers Sons	1972	1,250	7 3	1,146 1,220	Kgw	730	490 485.0	July 29, 1972 Apr. 26, 1977	S, E 25	P	Cemented to 1,146 ft. Screened from 1,146-1,156 and 1,176-1,207 ft. Underreamed. Gravel packed. Pump set at 650 ft. Pumping level 570 ft on Oct. 28, 1975. <u>1</u> <u>2</u>
403	City of Howe	H. K. Dearing and Sons	1911	1,050	4	--	Kgw	838	416.3	May 1, 1957	N	N	Plugged.
* 702	do	J. L. Myers Sons	1954	1,069	6 4	902 1,069	Kgw	838	360	Apr. 1954	T, E 25	P	Cemented to 902 ft. Screened from 908-938, 953-1,003; and 1,033-1,054 ft. Gravel packed. Pumping level 455 ft in May 1964. <u>1</u>
* 703	do	do	1966	1,298	8 4	979 1,196	Kgw	860	490.0 508.0	Apr. 18, 1966 July 29, 1966	T, E 25	P	Cemented to 979 ft. Screened from 978-1,168 ft. Underreamed. Gravel packed. Pump set at 610 ft. Drawdown 85 ft pumping 208 gal/min on Apr. 18, 1966. Pumping level 548 ft on July 29, 1966. <u>2</u>
704	do	do	1975	1,201	--	--	Kgw	760	--	--	N	N	Test well. <u>1</u> <u>2</u>
* 705	do	Layne Western Co.	1976	1,134	14 8	930 1,134	Kgw	760	475.0 476.0	June 2, 1976 June 2, 1977	T, E 125	P	Cemented to 930 ft. Screened from 940-970, 1,005-1,050; and 1,058-1,098 ft. Pump set at 600 ft. <u>1</u> <u>2</u>

See footnotes at end of table.

GRAYSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface datum (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*KT-18-28-801	City of Sherman	Layne-Texas Co.	1973	2,630	--	--	Kca	770	455	Feb. 8, 1973	N	N	Test well. <u>Y</u> <u>Z</u>
29-101	do	do	1973	2,340	--	--	Kca	648	--	--	N	N	Test well. <u>Y</u>
102	do	do	1973	2,400	--	--	Kca	680	--	--	N	N	Test well. <u>Y</u> <u>Z</u>
103	Pink Hill Water Supply Corporation	J. L. Myers Sons	1968	970	7 3	800 876	Kgw	700	398.0	Jan. 29, 1969	S, E 20	P	Cemented to 800 ft. Screened from 800-863 ft. Pump set at 578 ft. Measured yield 105 gal/min on July 10, 1970. Drawdown 71 ft pumping 100 gal/min in July 1968. Pumping level 453 ft on Jan. 29, 1969.
301	City of Belle	Layne-Texas Co.	1936	709	7 4	672 709	Kgw	690	200 212 252 306.4	May 7, 1936 Feb. 15, 1949 May 2, 1957 Nov. 6, 1973	T, E 30	P	Cemented to 672 ft. Screened from 674-705 ft. Gravel packed. Pump set at 400 ft. Measured yield 47 gal/min on Mar. 25, 1968. Drawdown 32 ft pumping 54 gal/min in 1943. <u>Y</u> <u>Z</u>
302	do	do	1959	1,600	14 8 6 4	495 802 1,326 1,600	Kca	690	209 215.0 243.0	Dec. 21, 1959 Feb. 23, 1971 Nov. 29, 1976	T, E 30	P	Cemented to 1,326 ft. Screened from 1,326-1,367; 1,422-1,432, 1,453-1,470; and 1,543-1,577 ft. Gravel packed. <u>Y</u> <u>Z</u> <u>3</u>
701	City of Tom Bean	J. L. Myers Sons	1936	1,180	6	1,180	Kgw	820	450.3 458.0	Aug. 26, 1970 Nov. 29, 1976	S, E 15	P	Pump set at 611 ft. Reported yield 60 gal/min. Pumping level 320 ft at 30 gal/min in 1942 and 527 ft on Nov. 19, 1967. Temp. 82°F. <u>3</u>
702	do	do	1968	1,475	8 4	1,386 1,470	Kgw	820	520 530.0 475.0	May 8, 1968 July 26, 1972 Apr. 15, 1976	S, E 20	P	Cemented to 1,386 ft. Screened from 1,386-1,440 and 1,445-1,455 ft. Gun perforated from 1,283-1,295 ft. Pump set at 650 ft. Reported yield 75 gal/min on Mar. 15, 1973. Drawdown 40 ft pumping 100 gal/min on May 8, 1968. <u>Y</u> <u>Z</u>
703	Kentuckytown Water Supply Corporation	J. L. Myers Co.	1977	1,224	7 3	1,126 1,224	Kgw	795	501 530.0	Oct. 18, 1977 Mar. 14, 1978	S, E 30	P	Cemented to 1,126 ft. Screened from 1,126-1,203 ft. Gravel packed. Underreamed. Pump set at 736 ft. Drawdown 131 ft pumping 95 gal/min when drilled. <u>Y</u> <u>Z</u>
801	do	J. L. Myers Sons	1971	1,331	7 3	1,220 1,330	Kgw	825	520 650.0	Aug. 2, 1971 Mar. 7, 1972	S, E 25	P	Cemented to 1,220 ft. Screened from 1,220-1,256 and 1,268-1,278 ft. Underreamed. Gravel packed. Pump set at 1,075 ft. Drawdown 360 ft pumping 65 gal/min on Mar. 7, 1972. <u>Y</u> <u>Z</u>
901	City of Whitewright	-- Johnson	1904	1,160	8	--	Kgw	735	240 440.0 455.0	1938 Jan. 17, 1973 Apr. 15, 1976	S, E 25	P	Pump set at 655 ft. Reported yield 90 gal/min on Feb. 23, 1943. Pumping level 505 ft on Jan. 17, 1973, and 530 ft on Apr. 23, 1975.
902	do	J. L. Myers Sons	1938	1,189	8 6	1,109 1,189	Kgw	740	240 367.5 442.0	July 1938 Mar. 26, 1958 Apr. 15, 1976	S, E 20	P	Cemented to 1,109 ft. Perforated from 1,109-1,189 ft. Pump set at 620 ft. Reported yield 150 gal/min in 1943. Pumping level 394.5 ft at 79.5 gal/min on Mar. 26, 1958, and 530 ft on Jan. 15, 1974. Temp. 84°F. <u>Y</u>
903	do	do	1968	1,257	8 4	1,200 1,257	Kgw	765	450.0	July 24, 1973	S, E 25	P	Cemented to 1,200 ft. Screened from 1,200-1,252 ft. Gravel packed. Pump set at 650 ft. Pumping level 560 ft on July 24, 1975. <u>Y</u>
904	do	do	1973	1,388	8 4	1,136 1,388	Kgw	750	440.0 462.0	Mar. 17, 1973 Apr. 15, 1976	S, E 25	P	Cemented to 1,136 ft. Screened from 1,136-1,146; 1,154-1,167, 1,173-1,210; 1,242-1,252, 1,268-1,304; and 1,317-1,328 ft. Underreamed. Gravel packed. Pump set at 700 ft. Drawdown 90 ft pumping 100 gal/min when drilled. Pumping level 550 ft at 110 gal/min on Sept. 11, 1974. <u>Y</u> <u>Z</u>

See footnotes at end of table.



GRAYSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
KT-18-33-204	R. B. Hunsaker	Strittmatter Irrigation and Supply	1972	255	16	232	Kgw	652	90	Aug. 20, 1972	T, G 100	Irr	Slotted from 112-232 ft. Gravel packed. Pump set at 200 ft. Drawdown 145 ft pumping 550 gal/min when drilled. <u>1</u>
* 301	City of Tioga	J. L. Myers Sons	1960	923	9 7 3	216 823 923	Kca	663	100 194 209.0	Jan. 1960 Nov. 12, 1971 Nov. 24, 1976	S, E 15	P	Cemented to 923 ft. Screened from 829-892 ft. Underreamed. Gravel packed. Pump set at 500 ft. Drawdown 115 ft pumping 100 gal/min when drilled. Pumping level 330 ft on July 20, 1971. Temp. 74°F. <u>1</u> <u>3</u>
* 302	do	do	1936	215	8	215	Kgw	663	65	Feb. 1936	T, E 7 1/2	N	Temp. 68°F. <u>1</u>
* 303	do	Madevell Drilling Co.	1971	1,500	7 3	1,414 1,500	Kca	663	224.8	Apr. 9, 1976	S, E 25	P	Cemented to 1,414 ft. Screened from 1,414-1,464 ft. Gravel packed. Pump set at 560 ft. Temp. 79°F. <u>2</u>
304	Warren Clark	D. L. Myers	1969	320	7	320	Kgw	680	125	Nov. 1969	C, E 1	D	Cemented to bottom. Gun perforated from 288-297 ft. <u>1</u> <u>2</u>
* 501	David Strittmatter	Westbrook Drilling Co.	--	279	7	--	Kgw	660	--	--	T, E 40	Irr	Slotted. Gravel packed. Measured yield 301 gal/min on Aug. 6, 1976.
* 502	Bill Schindler	High Plains Drilling, Inc.	1970	317	12	317	Kgw	660	--	--	T, G 96	Irr	Slotted from 215-317 ft. Gravel packed. Measured yield 360 gal/min on Aug. 24, 1976. Yield during test in 1970 was 900 gal/min. Temp. 68°F. <u>1</u>
601	Charles Boerner	Strittmatter Irrigation and Supply	--	300	7	--	Kgw	650	65.9 69.9	Aug. 5, 1976 Feb. 17, 1977	N	N	Gravel packed. <u>3</u>
* 602	do	Faulkner and Son Water Well Service	--	220	8	--	Kgw	660	83.0	Sept. 15, 1976	S, E 25	Irr	Slotted. Gravel packed. Measured yield 218 gal/min. Temp. 68°F.
* 34-101	Taylor Cannon	--	1965	400	--	--	Kgw	670	154.6	Nov. 25, 1975	S, E	S	<u>3</u>
102	Gulf Oil Corporation	D. L. Myers Co.	1971	1,210	7 3	1,135 1,210	Kca	690	200	Jan. 16, 1971	S, E 10	Ind	Cemented to 1,135 ft. Screened from 1,146-1,167 and 1,177-1,198 ft. Pump set at 441 ft. Drawdown 70 ft pumping 70 gal/min when drilled. <u>1</u>
* 601	Albert Scharff	-- Bass	1928	387	6 5	-- --	Kgw	670	72.2 74.1	Oct. 4, 1957 Nov. 24, 1976	W	N	<u>3</u>
* 35-401	Town of Gunter	J. L. Myers Sons	--	734	--	--	Kgw	705	--	--	N	N	--
* 402	do	do	1956	730	7 4	655 730	Kgw	792	206	Mar. 19, 1956	N	N	Cemented to 655 ft. Screened from 655-730 ft. Drawdown 10 ft pumping 52 gal/min when drilled. Pumping level 241.9 ft on Mar. 24, 1958. Gravel packed. Underreamed. <u>1</u>
* 403	do	D. L. Myers Co.	1971	1,666	7 4	1,481 1,666	Kca	788	335 510.0 515.0	Nov. 27, 1971 Apr. 15, 1976 Feb. 6, 1978	S, E 30	P	Cemented to 1,481 ft. Screened from 1,491-1,511; 1,516-1,537; and 1,542-1,563 ft. Pump set at 730 ft. Drawdown 140 ft pumping 140 gal/min when drilled. Pumping level 600 ft on Jan. 16, 1975. <u>1</u> <u>2</u>
* 404	Gunter Rural Water Supply Corporation	Lanford Drilling Co.	1971	2,304	8 7 4	1,005 2,178 2,270	Kca	800	350.0 410.0	May 30, 1974 Nov. 5, 1975	S, E 25	P	Cemented to 2,178 ft. Slotted from 2,180-2,270 ft. Pumping level 488 ft on May 30, 1974. <u>1</u> <u>2</u>
* 405	Town of Gunter	--	1904	1,000	--	--	Kgw	705	--	--	N	N	Plugged.
* 406	do	J. L. Myers Sons	1959	838	7 4	710 838	Kgw	705	350.0 365.0 390.0 480.0	Sept. 27, 1960 Jan. 31, 1962 Dec. 14, 1967 Mar. 3, 1971	S, E 20	P	Cemented to 710 ft. Screened from 710-760 ft. Pump set at 610 ft. Pumping level 435 ft on Jan. 31, 1962, 470 ft on Dec. 14, 1967; and 525 ft on Mar. 3, 1971. <u>2</u>

See footnotes at end of table.

GRAYSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
KT-18-35-601	Elmont-Farmington Water Supply Corporation	J. L. Myers Sons	1966	1,023	7 3 2	824 881 1,023	Kgw	780	354	May 23, 1966	S, E 15	P	Cemented to 824 ft. Screened from 824-856 ft. Underreamed. Gravel packed. Pump set at 557 ft. Pumping level 404 ft on May 23, 1966. <sup>1</sup>
36-502	City of Van Alstyne	do	1955	1,401	13 6	1,165 1,401	Kgw	785	458	Sept. 1955	T, E	P	Cemented to 1,165 ft. Screened 80 ft opposite sands. Sand packed. Drawdown 92 ft pumping 250 gal/min when drilled. <sup>1</sup> <sup>2</sup>
503	do	Layne-Texas Co.	1970	2,300	10 8 5	1,008 1,963 2,300	Kca	790	609 620	July 20, 1971 Apr. 15, 1976	T, E 100	P	Cemented to 1,963 ft. Screened from 2,010-2,020; 2,075-2,095; 2,109-2,128; and 2,150-2,290 ft. Gravel packed. Underreamed. Pump set at 850 ft pumping level 795 ft at 250 gal/min when drilled. <sup>1</sup> <sup>2</sup> <sup>3</sup>
504	South Grayson Water Supply Corporation	J. L. Myers Sons	1968	1,425	8 4 3	1,287 1,350 1,375	Kgw	789	558.0 560.0 608.0	July 24, 1968 Oct. 15, 1973 Dec. 18, 1975	S, E 30	P	Cemented to 1,287 ft. Screened from 1,287-1,292; 1,297-1,339; and 1,350-1,365 ft. Gravel packed from 1,375-1,425 ft. Pump set at 760 ft. Pumping level 650 ft on Oct. 15, 1973, and 638 ft on Nov. 29, 1976. <sup>1</sup>
505	City of Van Alstyne	do	1944	1,140	--	--	Kgw	785	--	--	N	N	Plugged.
* 506	do	do	1945	1,411	10 8 6	662 1,296 1,410	Kgw	785	--	--	N	N	Perforated 6-inch liner opposite sands. Plugged. <sup>1</sup> <sup>2</sup>
v 507	do	--	1905	1,155	8 6	-- --	Kgw	785	--	--	N	N	Reported yield 90 gal/min on Feb. 22, 1943. Plugged.
802	South Grayson Water Supply Corporation	J. L. Myers Sons	1968	1,446	8 4	1,330 1,443	Kgw	765	502 477.3	Sept. 12, 1968 Dec. 18, 1975	S, E 20	P	Cemented to 1,330 ft. Screened from 1,330-1,361; 1,380-1,390; and 1,418-1,439 ft. Underreamed. Gravel packed. Pump set at 714 ft. Measured yield 80 gal/min on Dec. 18, 1975. Drawdown 80 ft pumping 105 gal/min when drilled. <sup>1</sup>
v 37-601	Desert Water Supply Corporation	do	1964	1,638	7 3	1,585 1,634	Kgw	765	470 488.0 510.0	May 1964 Dec. 7, 1968 May 12, 1973	S, E 15	P	Cemented to 1,585 ft. Screened from 1,585-1,627 ft. Underreamed. Gravel packed. Pump set at 621 ft. Measured yield 63 gal/min on Nov. 19, 1970. Pumping level 528 ft on Dec. 7, 1968; 510 ft on June 23, 1972; and 530 ft on May 12, 1973. <sup>1</sup> <sup>2</sup>

<sup>1</sup> For chemical analyses of water, see Table 4.

<sup>2</sup> Drillers' log in files of the Texas Department of Water Resources.

<sup>3</sup> Geophysical logs in files of the Texas Department of Water Resources.

<sup>4</sup> For water-level measurements, see Table 3.

# GRAYSON COUNTY

Table 2.—Selected Oil and Gas Tests

Logs in Texas Department of Water Resources files

Well	Operator	Lease and well	Date drilled	Depth (ft)	Approximate land surface elevation (ft)
KT-18-01-901	The Texas Co.	L. G. Handy No. 4	Aug. 31, 1956	2,407	628
09-801	A. O. Phillips	Green No. 2	Mar. 8, 1957	6,357	756
18-705	Harbaugh Oil Co.	Allen No. 1	Dec. 2, 1957	5,451	737
19-803	Russel Maguire	McGaughey No. 1	May 29, 1955	8,442	789
33-203	The Texas Co.	C. W. Cannon No. 1	Nov. 10, 1925	3,431	700

# GRAYSON COUNTY

**Table 3.—Water Levels in Selected Wells**

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KT-18-03-901</b>		<b>Well KT-18-10-201</b>		<b>Well KT-18-11-701</b>	
Owner: Veterans of Foreign Wars		Owner: Willis Water Co.		Owner: Willow Springs School	
Sept. 17, 1957	95.5	Dec. 14, 1970	100	Aug. 30, 1957	55.4
Aug. 27, 1970	109.9	Dec. 18, 1975	147.0	Sept. 19, 1957	55.7
Feb. 25, 1971	101.8	Nov. 24, 1976	151.2	Oct. 18, 1957	55.5
Nov. 11, 1971	112.6	Nov. 15, 1977	161.9	Nov. 13, 1957	55.0
Nov. 17, 1972	110.1	<b>Well KT-18-10-601</b>		Dec. 19, 1957	55.2
Nov. 8, 1973	116.7	Owner: — Reno		Jan. 29, 1958	55.8
Nov. 11, 1974	114.9	May 1966	75	Feb. 25, 1958	55.6
Nov. 24, 1975	113.2	Aug. 27, 1970	84.6	Apr. 15, 1958	55.4
Nov. 24, 1976	117.0	Feb. 25, 1971	73.8	May 8, 1958	55.0
Nov. 15, 1977	124.7	Nov. 11, 1971	61.0	June 6, 1958	55.0
<b>Well KT-18-09-601</b>		Nov. 17, 1972	73.7	July 8, 1958	55.1
Owner: Hugh Bean		Nov. 8, 1973	71.7	Aug. 12, 1958	55.2
Sept. 9, 1957	26.8	Nov. 11, 1974	73.7	Sept. 25, 1958	55.8
Oct. 17, 1957	26.3	Nov. 24, 1975	75.5	Oct. 15, 1958	55.9
Nov. 13, 1957	26.2	Nov. 24, 1976	72.2	May 3, 1977	54.4
Dec. 18, 1957	26.9	Nov. 15, 1977	73.4	<b>Well KT-18-11-801</b>	
Jan. 22, 1958	25.9	<b>Well KT-18-11-501</b>		Owner: B and P Service Station and Laundry	
Mar. 4, 1958	25.7	Owner: Dorothy Berry		Aug. 27, 1970	109.1
Apr. 15, 1958	25.1	Oct. 21, 1957	135	Feb. 25, 1971	97.7
May 9, 1958	24.1	Aug. 27, 1970	155.6	Nov. 17, 1972	115.1
June 5, 1958	24.0	Feb. 25, 1971	155.1	Nov. 8, 1973	121.5
July 8, 1958	24.0	Nov. 11, 1971	159.4	Nov. 11, 1974	125.4
Aug. 12, 1958	24.1	Nov. 17, 1972	161.2	Nov. 24, 1975	123.3
Sept. 25, 1958	24.7	Nov. 8, 1973	165.9	Nov. 24, 1976	128.7
Oct. 15, 1958	24.8	Nov. 11, 1974	163.7	Nov. 15, 1977	126.2
Nov. 24, 1958	25.1	Nov. 24, 1975	168.8	<b>Well KT-18-12-401</b>	
Dec. 22, 1958	25.2	Nov. 24, 1976	173.9	Owner: W. E. Phillips	
Jan. 22, 1959	26.6	Nov. 15, 1977	177.9	July 10, 1958	110
Apr. 25, 1977	28.0			Sept. 1, 1970	164.1

# GRAYSON COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KT-18-12-401—Continued</b>		<b>Well KT-18-18-422—Continued</b>		<b>Well KT-18-18-901</b>	
Feb. 25, 1971	163.5	Dec. 18, 1957	16.3	Owner: Mrs. Billy Stevenson	
Nov. 11, 1971	166.6	Jan. 27, 1958	15.4	Aug. 25, 1970	313.1
Nov. 17, 1972	169.6	Mar. 4, 1958	15.3	Feb. 24, 1971	298.9
Nov. 8, 1973	173.0	Apr. 15, 1958	15.0	Nov. 20, 1972	300.7
Nov. 11, 1974	170.6	May 8, 1958	14.1	Nov. 7, 1973	329.2
Nov. 24, 1975	173.8	June 2, 1958	14.3	Nov. 11, 1974	324.2
Nov. 24, 1976	177.7	July 8, 1958	14.0	Nov. 24, 1975	300.6
Nov. 15, 1977	187.3	Aug. 12, 1958	14.4	Nov. 29, 1976	293.0
<b>Well KT-18-18-421</b>		Sept. 25, 1958	15.2	Apr. 14, 1977	296.1
Owner: C. L. Sellers		Oct. 15, 1958	15.5	<b>Well KT-18-19-301</b>	
Aug. 27, 1957	66.3	Nov. 12, 1958	15.9	Owner: City of Denison	
Sept. 19, 1957	65.9	Dec. 17, 1958	16.5	Oct. 23, 1969	251
Oct. 18, 1957	66.5	Jan. 20, 1959	16.7	Feb. 25, 1971	251
Nov. 26, 1957	66.0	Apr. 27, 1977	14.4	Nov. 11, 1971	257.7
Dec. 18, 1957	65.8	<b>Well KT-18-18-423</b>		Nov. 7, 1973	229.8
Jan. 27, 1958	65.9	Owner: C. L. Sellers		Nov. 24, 1975	231.9
Mar. 4, 1958	66.2	Aug. 27, 1957	72.2	Nov. 15, 1977	257.0
Apr. 15, 1958	66.0	Sept. 19, 1957	73.4	<b>Well KT-18-19-302</b>	
May 8, 1958	65.6	Oct. 18, 1957	73.0	Owner: City of Denison	
June 2, 1958	65.8	Nov. 26, 1957	71.5	Oct. 23, 1969	250
July 8, 1958	66.0	Dec. 18, 1957	72.0	Sept. 1, 1970	294.0
Aug. 12, 1958	65.9	Jan. 27, 1958	70.4	Feb. 25, 1971	250
Sept. 25, 1958	65.8	Mar. 4, 1958	70.3	Nov. 11, 1971	261.0
Oct. 15, 1958	66.0	Apr. 15, 1958	69.7	Nov. 11, 1974	250.8
Nov. 12, 1958	65.9	May 8, 1958	68.8	Nov. 24, 1975	237.3
Dec. 17, 1958	66.0	June 2, 1958	69.1	Nov. 24, 1976	259.4
Jan. 20, 1959	65.1	July 8, 1958	69.4	Nov. 15, 1977	254.0
<b>Well KT-18-18-422</b>		Aug. 12, 1958	70.2	<b>Well KT-18-20-702</b>	
Owner: C. L. Sellers		Sept. 25, 1958	70.2	Owner: City of Sherman	
Aug. 27, 1957	17.3	Oct. 15, 1958	71.7	July 13, 1945	259.7
Sept. 19, 1957	17.2	Nov. 12, 1958	72.0	Oct. 1945	444.2*
Oct. 18, 1957	17.5	Dec. 17, 1958	72.0	Aug. 12, 1957	405.3
Nov. 26, 1957	15.7	Jan. 20, 1959	71.8	Sept. 11, 1957	399.1
		Apr. 27, 1977	73.9		

\* Pumping level

# GRAYSON COUNTY

## Table 3.—Water Levels in Selected Wells—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KT-18-20-702—Continued</b>		<b>Well KT-18-20-703—Continued</b>		<b>Well KT-18-20-711—Continued</b>	
Oct. 15, 1957	404.7	Dec. 19, 1958	442 *	Oct. 14, 1958	454.7
Dec. 17, 1957	376.5	Jan. 15, 1959	496 *	Nov. 12, 1958	451.4
Jan. 27, 1958	382.5	Feb. 13, 1959	513 *	Dec. 18, 1958	451.0
Mar. 7, 1958	388.5	Feb. 20, 1972	530	Jan. 15, 1959	451.6
Apr. 10, 1958	383.5	Apr. 8, 1976	536	Feb. 13, 1959	442.0
May 7, 1958	385.9	Apr. 13, 1977	649 *	Feb. 9, 1972	513
June 4, 1958	394.1			Feb. 25, 1976	497
July 2, 1958	418.4	<b>Well KT-18-20-710</b>		Feb. 25, 1976	604 *
Aug. 6, 1958	451.9	Owner: City of Sherman			
Sept. 1, 1958	396.1	Apr. 8, 1949	353	<b>Well KT-18-20-712</b>	
Oct. 14, 1958	381.4	Apr. 9, 1949	463 *	Owner: City of Sherman	
Nov. 12, 1958	384.2	Aug. 15, 1957	403.4	July 10, 1956	398
Dec. 18, 1958	384.4	Sept. 12, 1957	389.4	July 11, 1956	631 *
Jan. 15, 1959	375.4	Oct. 17, 1957	419.0	Aug. 12, 1957	648.5*
Feb. 13, 1959	388.4	Oct. 12, 1957	350.2	Aug. 13, 1957	469.2
		Feb. 9, 1972	439	Sept. 13, 1957	433.0
<b>Well KT-18-20-703</b>		Feb. 9, 1972	605 *	Oct. 17, 1957	428.5
Owner: City of Sherman		Apr. 13, 1977	633 *	Nov. 13, 1957	410.2
Dec. 1921	225	<b>Well KT-18-20-711</b>		Jan. 28, 1958	404.2
July 19, 1945	243.0	Owner: City of Sherman		Mar. 19, 1958	392.3
July 23, 1945	315.0*	Aug. 13, 1957	421.1	Apr. 11, 1958	446.6
Aug. 12, 1957	458 *	Sept. 13, 1957	431.1	May 8, 1958	392.0
Nov. 4, 1957	420 *	Oct. 17, 1957	443.1	June 4, 1958	429.5
Dec. 17, 1957	503 *	Nov. 13, 1957	436.7	July 3, 1958	412.1
Jan. 27, 1958	482 *	Dec. 17, 1957	371.4	Aug. 6, 1958	442.2
Mar. 7, 1958	430 *	Jan. 27, 1958	511.7*	Oct. 1, 1958	410.7
Apr. 10, 1958	345	Jan. 28, 1958	417.3	Oct. 14, 1958	438.2
May 7, 1958	440 *	Mar. 19, 1958	442.4	Nov. 12, 1958	403.6
June 4, 1958	452 *	Apr. 11, 1958	412.7	Dec. 18, 1958	411.1
July 2, 1958	355	May 8, 1958	420.3	Jan. 15, 1959	426.9
Aug. 6, 1958	533 *	June 4, 1958	441.1	Feb. 13, 1959	391.5
Oct. 1, 1958	452 *	July 3, 1958	433.8	Feb. 9, 1972	462
Oct. 14, 1958	457 *	Aug. 6, 1958	440.6	May 3, 1974	520
Nov. 12, 1958	457 *	Oct. 1, 1958	446.2	Apr. 2, 1975	478

\* Pumping level

# GRAYSON COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KT-18-20-713</b>		<b>Well KT-18-20-714—Continued</b>		<b>Well KT-18-21-901—Continued</b>	
Owner: City of Sherman		July 3, 1958	365.0	Nov. 20, 1972	212.9
Aug. 13, 1957	385.3	Aug. 6, 1958	394.2	Nov. 8, 1973	212.9
Sept. 19, 1957	371.6	Oct. 1, 1958	326.3	Nov. 11, 1974	215.4
Oct. 16, 1957	318.9	Oct. 14, 1958	343.0	Nov. 24, 1975	214.0
Nov. 12, 1957	307.7	Nov. 10, 1958	346.0	Nov. 29, 1976	212.9
Dec. 17, 1957	306.0	Dec. 18, 1958	343.9	Nov. 14, 1977	223.5
Jan. 27, 1958	306.6	Jan. 15, 1959	343.4	<b>Well KT-18-25-301</b>	
Mar. 7, 1958	295.6	Feb. 13, 1959	342.3	Owner: McDonnell Construction Co.	
Apr. 11, 1958	296.6	Feb. 9, 1972	428.0	Aug. 15, 1970	100
May 7, 1958	295.3	Apr. 13, 1977	536.0	Feb. 24, 1971	84.6
June 4, 1958	336.5	<b>Well KT-18-20-715</b>		Nov. 12, 1971	91.4
July 3, 1958	371.4	Owner: City of Sherman		Nov. 20, 1972	93.7
Aug. 6, 1958	410.4	Sept. 13, 1957	366.3	Nov. 7, 1973	91.0
Oct. 1, 1958	341.5	Oct. 16, 1957	284.7	Nov. 11, 1974	93.9
Oct. 14, 1958	326.4	Nov. 12, 1957	274.5	Nov. 24, 1975	98.8
Nov. 10, 1958	318.4	Dec. 17, 1957	272.7	Nov. 24, 1976	96.9
Dec. 18, 1958	297.3	Jan. 27, 1958	271.3	Nov. 14, 1977	103.2
Jan. 15, 1959	295.2	Mar. 7, 1958	261.7	<b>Well KT-18-25-603</b>	
Feb. 13, 1959	298.5	Apr. 11, 1958	260.2	Owner: City of Collinsville	
Feb. 9, 1972	465	May 7, 1958	260.2	1965	230
Apr. 13, 1977	486	June 4, 1958	261.6	Feb. 3, 1969	260
<b>Well KT-18-20-714</b>		July 2, 1958	276.7	Aug. 25, 1970	226.9
Owner: City of Sherman		Aug. 6, 1958	304.7	Nov. 7, 1973	321.5
Apr. 8, 1953	325	Oct. 1, 1958	294.2	Nov. 24, 1975	330.0
Aug. 13, 1957	386.3	Oct. 14, 1958	285.2	Nov. 24, 1976	330.8
Sept. 19, 1957	371.1	Nov. 12, 1958	275.4	Nov. 14, 1977	333.2
Oct. 12, 1957	357.5	Dec. 18, 1958	264.0	<b>Well KT-18-27-701</b>	
Nov. 16, 1957	365.2	Jan. 15, 1959	262.5	Owner: W. C. Canada	
Dec. 17, 1957	340.8	Feb. 13, 1959	268.3	Aug. 26, 1970	391.3
Jan. 27, 1958	329.1	<b>Well KT-18-21-901</b>		Nov. 12, 1971	387.3
Mar. 7, 1958	333.2	Owner: R. P. Robins		Nov. 20, 1972	400.4
Apr. 11, 1958	333.9	Aug. 26, 1970	211.0	Nov. 7, 1973	414.3
May 7, 1958	330.8	Feb. 23, 1971	208.5		
June 4, 1958	353.3				





## GRAYSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kca, Antlers Formation; Kcpp, Paw Paw Formation; Kgw, Woodbine Group; Qal, Alluvium.

Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids. Analyses by Texas Department of Health.

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
KT-18-03-901	Kca	291	July 19, 1971	17	--	98	13	66	--	392	79	29	0.2	1.0	--	495	302	760	7.5	32	1.6	0.4
901	Kca	291	Aug. 11, 1976	18	--	88	9	72	--	346	81	36	.2	.6	--	474	259	753	7.8	38	1.9	.5
903	Kca	252	Apr. 7, 1977	11	--	7	1	307	--	550	71	135	.9	< .4	--	803	24	1,250	8.0	97	28.7	8.5
904	Kca	190	June 1, 1977	10	0.6	7	2	400	--	530	87	275	1.6	< .4	--	1,044	25	1,750	7.5	97	34.3	8.1
09-301	Kca	502	June 2, 1958	--	--	--	--	--	--	724	--	39	--	--	--	8	1,390	8.6	--	--	--	--
501	Kgw	205	Sept. 23, 1976	14	--	44	8	9	--	166	9	10	.2	< .4	--	176	143	305	7.6	12	.3	.0
601	Kgw	50	Sept. 9, 1957	--	--	--	--	--	--	241	--	87	--	--	--	--	626	1,500	7.2	--	--	--
901	Kgw	180	do	13	7.2	23	8	25	1.8	115	27	18	.2	.0	0.0	179	93	298	6.5	37	1.1	.0
10-101	Kgw	130	Dec. 18, 1957	--	--	--	--	--	--	210	--	22	--	--	--	--	149	455	7.9	--	--	--
102	Kca	735	June 9, 1977	11	1.1	11	1	443	--	483	99	356	1.1	2.7	--	1,163	31	1,940	8.2	97	34.3	7.2
103	Kgw	235	do	12	.1	6	2	198	--	489	22	13	1.5	< .4	--	495	21	802	8.5	95	17.8	7.5
201	Kca	490	June 8, 1975	--	.1	10	2	376	--	336	66	372	1.3	3.7	--	996	33	2,000	8.3	96	28.4	4.8
203	Kca	300	Apr. 12, 1977	11	.3	5	1	348	--	560	99	151	2.0	1.6	--	894	13	1,430	8.2	98	37.1	8.8
208	Kca	478	June 9, 1977	11	.1	7	2	416	--	550	98	259	2.3	2.3	--	1,068	26	1,750	8.2	97	35.7	8.5
403	Kca	1,021	Apr. 25, 1958	10	.5	3	0	290	1.8	522	93	74	1.2	.0	.6	730	8	1,170	8.7	98	46.1	8.4
403	Kca	1,021	Apr. 12, 1977	12	--	3	1	273	--	489	88	68	.8	< .4	--	686	9	1,118	8.7	98	34.8	7.7
405	Kgw	308	Dec. 18, 1957	--	--	--	--	--	--	256	--	12	--	--	--	--	35	458	8.2	--	--	--
406	Kgw	180	Sept. 11, 1957	17	2.2	42	18	14	1.4	189	40	7	.2	.0	.0	234	179	389	6.9	14	.4	.0
502	Kca	575	July 22, 1958	--	--	--	--	--	--	456	--	560	--	--	--	--	44	2,530	7.7	--	--	--
601	Kgw	234	Nov. 11, 1971	9	--	11	4	81	--	222	29	4	.5	< .4	--	248	44	415	8.0	80	5.3	2.7
601	Kgw	234	Aug. 11, 1976	10	1.6	4	1	110	2.0	249	41	11	.4	< .4	--	303	14	478	7.8	93	12.7	3.7
603	Kgw	125	Apr. 11, 1977	21	.5	12	4	14	--	54	15	11	.1	2.6	--	106	45	162	7.2	40	.8	.0
701	Kca	940	June 5, 1958	13	.2	1	0	279	1.0	600	93	22	1.2	2.0	1.2	708	6	1,130	8.7	99	76.8	9.7
701	Kca	940	Apr. 22, 1977	12	.2	2	1	275	--	580	85	20	.9	< .4	--	681	11	1,041	8.4	98	39.6	9.3
702	Kgw	338	June 5, 1958	13	5.7	25	9	27	2.1	137	21	19	.2	.0	.1	189	101	323	6.9	36	1.1	.2
801	Kgw	285	Dec. 18, 1957	--	--	--	--	--	--	207	--	23	--	--	--	--	65	462	8.0	--	--	--
801	Kgw	285	Apr. 19, 1977	12	--	17	7	70	--	196	41	20	.3	2.9	--	266	74	425	7.6	68	3.6	1.7
802	Kgw	345	Aug. 14, 1958	12	2.5	26	11	55	2.9	193	43	22	.4	.2	.0	269	110	468	6.9	51	2.2	.9

GRAYSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
KT-18-10-902	Kgw	354	Mar. 20, 1958	--	--	--	--	--	--	134	--	14	--	--	--	--	80	314	8.0	--	--	--
11-201	Kca	319	July 24, 1963	14	0.0	177	36	100	--	151	446	160	--	--	--	1,007	591	1,478	6.1	27	1.7	0.0
201	Kea	319	Aug. 3, 1963	11	.9	225	39	71	--	152	517	128	--	--	--	1,066	724	1,480	6.1	18	1.1	.0
201	Kca	319	Sept. 27, 1968	--	.1	166	20	473	--	161	541	590	0.2	< 0.4	0.0	1,870	500	2,600	7.7	67	9.2	.0
201	Kca	319	Apr. 7, 1977	18	50.0	253	32	62	5.0	192	600	100	.1	< .4	--	1,215	770	1,500	7.2	15	.9	.0
302	Kca	187	June 3, 1977	16	1.8	120	5	9	--	336	55	8	.2	< .4	--	380	322	605	7.7	6	.2	.0
401	Kca	454	Apr. 7, 1977	11	--	7	1	387	--	570	96	207	2.0	< .4	--	991	21	1,610	8.5	98	36.2	8.9
402	Kca	757	May 3, 1977	6	58.5	2	1	269	--	510	45	56	1.4	< .4	1.0	691	10	1,055	8.9	98	38.7	8.1
403	Kcgp	93	June 2, 1977	14	--	122	6	10	--	378	18	14	.2	4.4	--	374	331	625	7.6	6	.2	.0
404	Kcgp	80	Feb. 24, 1977	--	--	116	7	9	--	359	16	14	.2	1.6	--	347	320	--	7.4	6	.2	.0
501	Kea	317	Feb. 25, 1971	12	--	3	1	317	--	630	99	50	4.2	1.6	--	797	14	1,240	8.4	98	40.4	10.0
501	Kca	317	July 19, 1971	10	--	4	3	311	--	640	98	47	4.0	< .4	--	792	21	1,200	8.0	97	28.6	10.0
501	Kca	317	Aug. 10, 1976	10	--	5	1	320	--	650	101	47	4.2	< .4	--	808	16	1,270	8.1	98	34.1	10.3
504	Kca	337	Apr. 7, 1977	12	--	10	1	401	--	510	93	280	1.3	2.1	--	1,051	28	1,720	8.4	97	32.3	7.7
505	Kca-Kcgp	615	do	12	--	82	4	10	--	753	18	9	.2	9.7	--	269	221	448	7.4	9	.2	.0
701	Kgw	192	Nov. 13, 1957	12	1.0	15	7	20	2.1	155	3	9	.2	.2	.1	145	68	267	6.9	39	1.0	1.2
801	Kgw	375	Feb. 25, 1971	17	--	36	9	106	--	397	20	7	.2	4.0	--	394	125	618	7.7	64	4.0	3.9
801	Kgw	375	Aug. 10, 1976	18	.1	30	8	109	--	382	17	7	.3	< .4	--	377	108	597	8.4	69	4.5	4.1
802	Kgw	443	June 10, 1953	17	.5	18	5	159	--	398	49	18	.4	--	--	462	66	--	8.0	84	8.5	5.2
802	Kgw	443	May 10, 1956	--	1.5	12	4	57	--	218	13	21	.2	< .4	--	216	47	--	7.2	73	3.6	2.6
802	Kgw	443	Aug. 22, 1958	14	1.1	12	4	72	2.4	188	31	12	.4	.5	.2	242	47	401	7.7	76	4.5	2.1
802	Kgw	443	Nov. 8, 1968	--	.1	4	1	141	--	334	24	10	.4	< .4	--	345	12	620	8.4	96	16.3	5.1
803	Kgw	458	Sept. 22, 1967	--	.3	4	1	140	--	326	24	10	.4	5.0	--	345	12	612	8.4	96	16.2	5.0
803	Kgw	458	Apr. 11, 1977	14	.7	5	1	140	--	338	27	11	.3	< .4	--	365	13	572	8.3	95	14.9	5.2
804	Kgw	281	Feb. 11, 1974	--	--	46	10	98	--	425	18	11	.3	< .4	--	334	156	730	7.5	58	3.4	3.8
805	Kgw	496	Sept. 8, 1962	20	.1	0	0	128	--	274	28	11	--	--	--	321	2	505	8.5	--	--	4.4
805	Kgw	496	Apr. 25, 1977	10	.1	2	1	141	--	321	34	10	.9	< .4	--	357	7	555	8.4	97	20.3	5.0
901	Kgw	341	Feb. 5, 1976	--	--	53	8	79	--	315	47	12	.4	< .4	--	354	168	665	8.5	51	2.6	1.8
12-401	Kca	295	July 10, 1958	--	--	--	--	--	--	560	--	438	--	--	--	--	42	2,340	7.9	--	--	--
401	Kca	295	July 19, 1971	10	--	15	5	530	--	540	81	495	1.9	< .4	--	1,403	58	2,330	7.9	95	30.2	7.6
401	Kca	295	Aug. 10, 1976	11	--	1	1	580	--	550	82	510	1.8	< .4	--	1,457	4	2,460	8.4	99	98.1	8.8
601	Qa1	58	Mar. 27, 1958	23	.1	94	8	37	--	393	16	3	.4	4.3	--	379	268	628	7.7	23	.9	1.0
602	Qa1	50	June 10, 1977	23	.1	153	9	60	--	428	64	87	.3	9.2	--	616	419	981	7.8	24	1.2	.0

GRAYSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
KT-18-13-803	Kgw	200	July 19, 1971	21	--	57	9	32	--	228	26	9	0.1	20.0	--	286	180	446	7.1	28	1.0	0.1
803	Kgw	200	Aug. 10, 1976	23	--	59	7	33	--	235	24	11	.1	19.0	--	291	176	456	8.0	29	1.0	.3
17-601	Kgw	290	do	10	1.2	33	9	89	--	181	112	36	.3	.9	0.4	380	122	619	8.3	62	3.5	.5
901	Kca	1,520	Oct. 10, 1950	14	1.0	7	3	238	--	537	51	99	.3	--	--	677	30	--	8.0	94	18.9	8.2
901	Kca	1,520	Nov. 21, 1958	--	.5	2	1	216	--	490	39	80	.3	1.8	--	581	9	968	8.3	98	31.1	7.8
901	Kca	1,520	Oct. 3, 1960	--	.1	2	1	240	--	397	92	81	.2	1.6	--	600	10	1,000	8.5	98	34.6	6.3
901	Kca	1,520	June 21, 1966	--	.0	4	2	224	--	399	44	80	.4	< .4	--	551	20	1,050	8.7	96	22.8	6.1
901	Kca	1,520	July 20, 1971	12	--	2	2	211	--	414	39	62	.5	< .4	--	532	13	876	8.5	97	25.2	6.5
901	Kca	1,520	Mar. 5, 1974	--	--	3	1	225	--	397	45	72	.6	1.7	--	544	12	1,022	8.7	98	28.7	6.2
901	Kca	1,520	Aug. 11, 1976	12	--	3	1	221	--	423	45	71	.4	< .4	--	561	9	923	8.4	98	28.2	6.7
902	Kca	1,512	Feb. 23, 1943	15	.0	3	1	233	3.2	419	48	91	1.0	.0	--	601	12	--	8.3	97	29.7	6.6
902	Kca	1,512	Aug. 21, 1958	13	.1	2	1	232	1.3	426	46	82	.3	1.8	.0	588	8	994	8.3	98	33.4	6.8
902	Kca	1,512	Oct. 1, 1960	--	.1	2	1	247	--	400	85	80	.2	< .4	--	597	10	995	8.6	98	35.6	6.3
902	Kca	1,512	June 24, 1966	--	.1	5	2	224	--	400	41	81	.3	< .4	--	550	21	1,050	8.7	96	21.4	6.1
902	Kca	1,512	July 20, 1971	11	--	2	2	223	--	418	46	76	.5	< .4	--	566	13	924	8.4	97	26.6	6.5
907	Kca	1,430	Sept. 15, 1977	6	--	3	1	226	--	436	43	69	.4	< .4	--	563	12	918	8.5	98	28.8	6.9
18-101	Kgw	135	Aug. 10, 1976	27	5.7	61	1	15	--	192	16	6	.2	.9	--	227	154	339	8.3	17	.5	.0
301	Kgw	140	May 7, 1958	--	--	--	--	--	--	--	--	18	--	--	--	8	1,110	8.5	--	--	--	--
301	Kgw	140	Apr. 28, 1977	10	.1	2	1	277	--	570	99	15	1.2	< .4	--	686	10	1,060	8.6	98	39.9	9.1
301	Kgw	140	July 18, 1977	--	.1	1	1	284	--	570	102	15	1.2	< .4	--	695	4	1,233	8.7	99	48.0	9.2
401	Kgw	356	Aug. 10, 1976	22	3.7	76	17	29	--	200	124	20	.4	< .4	--	390	261	602	8.1	20	.7	.0
405	Kgw	250	do	18	.6	73	19	49	--	165	201	21	.4	1.2	--	464	262	694	8.2	29	1.3	.0
406	Kgw	150	do	25	--	212	30	33	--	284	436	30	.5	3.2	--	909	650	1,192	7.7	10	.5	.0
407	Kgw	160	do	23	.1	88	22	30	--	240	139	24	.7	< .4	.3	445	309	669	8.0	17	.7	.0
409	Kgw	129	do	16	--	185	47	53	--	250	456	58	.5	5.1	--	943	660	1,260	8.1	15	.9	.0
410	Kgw	141	do	20	--	230	27	57	--	260	438	93	.8	.9	--	994	680	1,350	7.7	15	.9	.0
414	Kgw	145	Aug. 11, 1976	24	4.2	215	38	35	--	350	413	23	.7	< .4	--	925	690	1,230	7.6	10	.5	.0
418	Kgw	300	July 16, 1975	--	1.7	4	1	160	--	217	152	24	.5	< .4	--	448	14	810	8.1	96	18.5	3.2
420	Kgw	310	Apr. 19, 1977	10	--	4	2	139	--	198	114	33	.3	< .4	--	400	18	618	7.8	94	14.1	2.8
421	Kgw	95	Aug. 27, 1957	--	--	--	--	--	--	--	116	26	--	--	--	294	562	--	--	--	--	--
701	Kgw	420	Aug. 11, 1976	16	--	288	89	93	--	143	920	41	.7	7.0	--	1,465	940	1,720	8.0	18	1.3	.0
901	Kgw	390	July 20, 1971	10	--	3	2	213	--	420	109	12	1.0	< .4	--	556	13	854	8.3	97	23.3	6.5
901	Kgw	390	Aug. 11, 1976	10	.1	2	1	215	--	423	109	13	1.0	1.2	--	560	5	883	8.1	98	31.0	6.7

## GRAYSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
KT-18-18-902	Kgw	410	June 5, 1958	11	0.9	1	0	292	1.0	686	50	20	1.2	1.0	1.4	716	4	1,150	8.6	99	80.4	11.1
903	Kgw	420	Apr. 30, 1976	--	.0	5	1	266	--	580	42	6	.9	--	--	606	13	1,120	8.9	97	28.4	9.1
19-101	Kgw	300	Apr. 15, 1958	13	.4	2	1	302	1.2	667	85	16	2.4	.0	1.7	752	6	1,180	8.8	98	43.5	10.7
101	Kgw	300	Mar. 1, 1976	--	.1	3	1	297	--	610	84	15	2.2	< .4	--	716	8	1,269	8.8	98	37.9	9.7
101	Kgw	300	May 25, 1977	--	.2	1	1	275	--	565	77	11	2.0	< .4	--	658	3	1,143	8.7	99	46.5	9.1
101	Kgw	300	July 18, 1977	--	1.0	1	1	239	--	473	56	10	1.5	< .4	--	542	2	1,022	9.0	99	40.4	7.6
102	Kgw	165	do	--	.0	1	1	188	--	334	27	9	.7	< .4	--	391	2	810	9.4	98	31.8	5.3
301	Kgw	788	July 19, 1971	13	--	4	1	129	--	248	73	9	.7	< .4	--	352	13	555	8.1	95	14.9	3.7
301	Kgw	788	Aug. 11, 1976	13	.1	1	1	167	--	251	146	14	.6	< .4	--	466	5	724	7.9	98	28.2	3.9
302	Kgw	790	July 19, 1971	13	--	2	1	156	--	251	124	11	.6	< .4	--	431	9	665	7.7	97	22.5	3.9
303	Kgw	620	Nov. 18, 1957	14	.0	1	0	139	--	209	104	18	.6	.2	--	379	5	605	8.4	99	38.2	3.3
304	Kgw	688	Nov. 19, 1957	13	.1	1	1	122	--	200	69	21	.7	1.5	--	327	4	535	8.2	98	20.6	3.1
306	Kca	1,570	Apr. 13, 1942	40	2.8	1,808	452	8,398	--	159	19	17,350	--	--	--	28,147	--	--	6.8	74	45.7	.0
306	Kca	1,570	Apr. 14, 1942	48	3.5	3,452	631	13,628	--	111	16	28,875	--	--	--	46,708	--	--	6.8	72	55.9	.0
306	Kca	1,570	Oct. 10, 1953	15	.2	1	1	307	--	652	86	27	1.8	2.2	--	761	1	1,200	8.6	99	51.9	10.5
307	Kgw	801	Nov. 18, 1957	12	.3	0	0	89	--	197	15	11	.5	.2	--	224	0	359	7.8	--	--	3.2
501	Kgw	865	Apr. 25, 1977	11	--	1	1	136	--	331	19	7	.8	< .4	--	338	2	542	8.0	98	23.0	5.2
602	Kgw	642	Nov. 20, 1957	15	.1	0	0	159	--	326	48	18	.8	2.0	--	403	1	648	9.1	--	--	5.3
701	Kgw	772	June 15, 1951	21	.5	1	1	160	--	288	55	15	--	--	--	395	4	--	8.5	98	27.0	4.5
701	Kgw	772	Apr. 26, 1977	11	--	1	1	152	--	311	63	12	.7	< .4	--	394	3	622	7.9	98	25.7	4.9
702	Kgw	770	Dec. 17, 1953	14	.1	2	1	165	--	299	62	17	--	--	--	408	6	--	8.8	98	23.7	4.7
801	Kgw	632	Apr. 27, 1977	11	--	5	2	890	--	850	4	910	2.5	< .4	--	2,242	22	3,510	8.5	99	85.1	13.5
802	Kca	1,600	May 16, 1958	3	.5	1	0	292	1.3	718	11	21	1.4	.0	.8	685	2	1,160	9.5	99	80.4	11.7
802	Kca	1,600	Apr. 27, 1977	14	--	2	1	280	--	570	74	19	1.1	< .4	--	671	8	1,050	8.7	98	40.3	9.1
901	Kgw	872	Feb. 24, 1971	11	--	1	1	142	--	331	30	11	1.0	< .4	--	360	7	585	8.3	98	24.0	5.2
20-101	Kgw	630	Feb. 25, 1971	12	--	10	3	115	--	254	36	30	.5	< .4	--	331	36	535	8.1	87	8.1	3.4
401	Kgw	1,012	May 7, 1969	--	.6	1	1	85	--	189	21	11	.5	< .4	--	211	7	370	7.5	96	14.3	2.9
401	Kgw	1,012	May 31, 1972	--	1.3	2	1	80	--	174	19	12	.4	< .4	--	288	9	350	--	95	11.5	2.6
601	Kgw	307	Nov. 11, 1968	--	2.0	14	1	114	--	--	136	16	.6	< .4	--	436	36	--	7.1	86	7.9	--
601	Kgw	307	Nov. 25, 1968	--	2.0	14	1	114	--	155	136	16	.6	< .4	--	357	36	660	7.1	86	7.9	1.7
603	Kgw	320	Jan. 8, 1973	--	15.7	13	5	90	--	109	135	16	.3	< .4	--	313	53	568	6.6	79	5.3	.7
604	Kca	1,050	Feb. 4, 1976	--	--	2	1	313	--	580	77	64	1.4	< .4	--	744	8	1,360	8.8	99	45.1	9.3
606	Kca	1,180	Apr. 14, 1977	14	.1	3	1	316	--	620	84	56	1.7	< .4	--	781	8	1,250	8.7	98	40.3	9.9

GRAYSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
KT-18-20-607	Kgw	390	June 2, 1977	13	3.8	6	1	86	--	177	23	25	0.2	< 0.4	--	245	19	399	7.5	91	8.5	2.5
702	Kgw	776	Feb. 24, 1943	12	.1	1	1	127	--	269	42	12	1.0	.0	--	328	4	--	--	98	21.4	4.2
703	Kca	2,136	do	15	.0	4	1	354	3.0	426	118	218	.5	1.0	--	923	14	--	8.4	98	41.0	6.7
703	Kca	2,136	Feb. 22, 1945	20	.1	7	2	362	--	387	124	241	.6	< .4	--	947	26	--	--	97	31.0	5.8
703	Kca	2,136	June 10, 1951	16	.1	6	4	327	--	547	118	163	--	--	--	903	32	--	8.5	96	25.3	8.3
703	Kca	2,136	Sept. 7, 1954	13	--	2	2	357	--	415	114	206	.5	< .4	--	898	13	--	8.6	98	42.7	6.5
703	Kca	2,136	Oct. 6, 1958	14	.4	3	1	361	2.6	461	113	220	.7	2.2	0.5	945	12	1,600	8.4	98	46.1	7.3
703	Kca	2,136	Mar. 4, 1971	--	--	3	2	351	--	433	105	216	.7	< .4	--	905	17	1,705	8.6	98	38.5	6.7
703	Kca	2,136	May 30, 1972	--	.4	3	2	364	--	426	116	234	.7	< .4	--	1,160	15	1,755	8.7	98	39.9	6.6
707	Kgw	786	Feb. 24, 1943	12	.1	1	0	127	2.2	269	42	12	1.0	.0	--	329	4	--	8.2	98	34.9	4.3
707	Kgw	786	Feb. 22, 1945	16	.1	2	1	125	--	262	42	16	.8	.7	--	332	9	--	--	97	18.0	4.1
707	Kgw	786	June 10, 1951	14	.1	14	6	121	--	313	49	25	.6	1.3	--	384	60	--	8.8	82	6.8	3.9
707	Kgw	786	Nov. 13, 1958	13	.2	1	0	196	1.0	327	72	66	.6	.5	.4	511	3	852	8.4	99	53.9	5.3
707	Kgw	786	June 20, 1966	--	--	1	1	168	--	285	73	26	.7	< .4	--	425	3	748	8.8	98	28.4	4.5
707	Kgw	786	May 24, 1972	--	.0	1	1	180	--	326	74	34	.7	< .4	--	620	7	810	8.6	98	30.4	5.2
708	Kca	2,146	Feb. 22, 1945	19	.1	5	3	306	--	439	110	124	.2	< .4	--	783	25	--	--	96	26.7	6.6
708	Kca	2,146	June 4, 1951	16	.1	6	4	327	--	439	118	163	.4	< .4	--	850	32	--	8.5	96	25.3	6.5
708	Kca	2,146	Sept. 20, 1954	27	.4	2	1	313	--	543	100	78	.8	< .4	--	789	9	--	8.5	99	45.1	8.7
708	Kca	2,146	Jan. 19, 1959	16	.0	2	1	315	1.8	548	95	96	.9	< .0	.7	797	8	1,300	8.7	98	45.4	8.7
708	Kca	2,146	June 20, 1966	--	--	4	1	299	--	497	90	94	.9	< .4	--	751	9	1,408	8.8	98	34.6	7.8
709	Kca	2,169	Mar. 23, 1945	20	.5	6	6	331	--	409	117	179	.7	< .4	--	861	40	--	--	95	22.8	5.9
709	Kca	2,169	Feb. 9, 1953	21	.1	11	5	356	--	476	107	227	.7	< .4	--	962	48	--	8.1	94	22.3	6.8
709	Kca	2,169	Aug. 30, 1954	72	1.2	4	2	368	--	445	112	224	.7	< .4	--	1,003	18	--	8.3	98	37.5	6.9
709	Kca	2,169	Aug. 26, 1958	15	.1	2	1	358	2.1	227	102	225	1.0	.5	.5	934	12	1,610	8.2	98	51.6	7.3
709	Kca	2,169	June 20, 1966	--	.1	6	1	392	--	215	105	290	.8	< .4	--	1,010	16	1,980	8.6	98	39.0	6.7
709	Kca	2,169	Dec. 17, 1969	--	.1	4	2	412	--	213	105	310	2.1	< .4	--	17	2,025	8.6	98	42.0	6.7	
709	Kca	2,169	May 24, 1972	--	.0	2	2	340	--	230	99	181	.9	< .4	--	855	14	1,606	8.7	98	40.6	7.4
710	Kgw	789	Feb. 9, 1953	12	.2	7	6	97	--	250	28	14	.7	< .4	--	288	42	--	8.1	83	6.5	3.2
710	Kgw	789	Aug. 30, 1954	12	.3	1	1	122	--	256	35	18	.6	< .4	--	316	7	--	8.1	98	20.6	4.0
710	Kgw	789	Aug. 26, 1958	14	.1	0	0	113	.5	251	24	8	.5	.8	.3	284	1	460	7.7	--	--	4.1
710	Kgw	789	June 20, 1966	--	--	1	1	112	--	250	27	9	.7	< .4	--	273	3	504	8.1	97	18.9	3.9
710	Kgw	789	May 7, 1969	--	--	2	1	117	--	256	32	11	.5	< .4	--	288	6	519	7.8	96	16.8	4.0
710	Kgw	789	Feb. 6, 1973	--	.3	5	1	108	--	257	25	10	.7	1.0	--	277	17	498	8.1	93	11.5	3.8

GRAYSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
KT-18-20-711	Kgw	955	Aug. 22, 1956	12	0.5	1	1	108	--	229	24	17	--	--	--	276	3	447	7.8	97	18.2	3.6
711	Kgw	955	Aug. 26, 1958	14	.3	1	0	94	0.8	199	32	10	0.5	0.0	0.2	250	3	414	7.7	98	25.8	3.2
711	Kgw	955	May 10, 1963	--	.2	1	1	97	--	203	35	11	.6	< .4	--	244	2	434	7.8	97	16.4	3.1
711	Kgw	955	Dec. 17, 1969	--	--	1	1	146	--	206	73	29	.7	< .4	--	352	6	668	9.1	98	24.7	3.2
711	Kgw	955	May 24, 1972	--	.0	1	1	118	--	203	55	13	.6	< .4	--	290	6	520	8.9	97	19.9	3.1
711	Kgw	955	Mar. 3, 1976	--	.2	1	1	95	--	206	28	11	.5	< .4	--	264	2	423	8.0	97	16.0	3.2
712	Kca	2,176	July 26, 1956	10	.2	4	1	383	--	464	100	220	--	--	--	946	14	--	8.9	98	44.3	7.3
712	Kca	2,176	Aug. 26, 1958	16	.0	4	2	446	3.0	466	111	362	1.0	.0	.6	1,174	20	2,020	8.2	98	45.4	7.2
712	Kca	2,176	May 10, 1963	--	.1	3	2	410	--	482	110	296	.9	< .4	--	1,058	16	2,068	8.3	98	45.0	7.5
712	Kca	2,176	Dec. 17, 1969	--	--	4	2	399	--	431	116	289	.8	< .4	--	1,027	19	1,971	8.4	98	40.6	6.7
712	Kca	2,176	May 24, 1972	--	.0	4	2	422	--	436	117	320	.8	< .4	--	1,080	21	2,048	8.5	98	43.0	6.7
712	Kca	2,176	Mar. 3, 1976	--	.0	5	1	409	2.0	444	99	314	.8	< .4	--	1,048	16	2,066	8.6	98	43.6	6.9
713	Kca	2,295	Apr. 8, 1953	14	.1	2	1	322	--	476	81	122	--	--	--	776	7	--	8.8	99	46.4	7.6
713	Kca	2,295	Aug. 24, 1954	14	.1	2	2	309	--	476	100	107	.7	< .4	--	769	13	--	8.8	98	36.9	7.5
713	Kca	2,295	Aug. 26, 1958	16	.1	2	0	308	1.5	515	93	105	1.0	.0	.5	780	8	1,290	8.4	99	60.0	8.3
713	Kca	2,295	Mar. 3, 1964	--	.1	3	1	298	--	472	91	104	.9	< .4	--	747	9	1,408	8.7	98	38.0	7.5
713	Kca	2,295	Dec. 17, 1969	--	--	2	1	308	--	420	93	144	.7	< .4	--	766	10	1,430	8.6	99	44.4	6.7
713	Kca	2,295	Sept. 7, 1972	--	.0	2	2	309	--	470	96	126	.8	2.0	--	769	14	1,397	8.6	98	36.9	7.4
713	Kca	2,295	Mar. 3, 1976	--	.0	2	1	305	--	472	90	123	.8	2.3	--	756	7	1,420	8.8	99	43.9	7.5
714	Kgw	736	Aug. 23, 1954	12	--	2	2	140	--	189	80	21	.5	< .4	--	350	13	--	9.1	96	16.7	2.8
714	Kgw	736	Aug. 26, 1958	15	.0	1	1	152	.5	270	67	34	.5	.0	.3	404	4	668	8.8	98	25.7	4.2
714	Kgw	736	Mar. 3, 1964	--	--	2	1	183	--	260	78	52	.7	< .4	--	463	6	864	8.9	98	26.3	4.0
714	Kgw	736	Dec. 17, 1969	--	--	1	1	201	--	370	59	42	.8	1.5	--	495	10	88	8.6	98	34.0	5.9
714	Kgw	736	Sept. 7, 1972	--	.0	1	1	190	--	316	68	52	.8	< .4	--	468	9	870	8.8	98	32.1	5.0
714	Kgw	736	May 22, 1973	12	.3	1	1	144	--	171	74	22	--	--	--	338	5	--	9.3	98	24.3	2.6
714	Kgw	736	Mar. 3, 1976	--	.0	1	1	184	--	289	65	58	.6	< .4	--	452	5	870	8.9	98	31.1	4.6
716	Kgw	915	Sept. 10, 1947	40	1.5	9	5	326	--	549	89	78	.9	--	--	819	43	--	8.7	94	21.6	8.1
716	Kgw	915	Feb. 18, 1953	12	.2	7	6	97	--	293	28	14	.7	--	--	308	42	--	8.1	83	6.5	3.9
721	Kgw	680	Jan. 1, 1956	15	.2	0	0	290	--	163	72	25	--	--	--	482	--	--	9.2	--	--	2.6
801	Kgw	1,025	July 18, 1966	10	1.2	2	1	116	--	278	19	8	1.3	< .4	--	295	11	490	8.0	96	16.7	4.3
801	Kgw	1,025	Aug. 10, 1966	11	.2	1	0	114	--	251	26	9	1.2	.3	--	286	5	457	8.2	99	31.4	4.0
801	Kgw	1,025	Mar. 4, 1971	--	--	2	1	107	--	235	30	9	.6	< .4	--	270	7	480	8.6	96	15.4	3.6
802	Kca	2,231	Jan. 17, 1967	13	.1	2	0	310	--	545	81	74	1.5	.2	--	749	6	1,270	8.2	99	60.3	8.8

## GRAYSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
KT-18-20-802	Kca	2,231	Mar. 4, 1971	--	--	2	1	296	--	520	80	79	1.0	< 0.4	--	742	12	1,328	8.9	99	42.6	8.3
803	Kca	2,307	Jan. 27, 1970	15	--	1	1	313	--	562	51	58	--	--	--	715	10	--	8.9	99	52.9	9.0
803	Kca	2,307	Feb. 18, 1971	--	--	6	3	491	--	425	91	475	.7	< .4	--	1,282	29	2,478	8.5	98	40.8	6.4
803	Kca	2,307	Mar. 4, 1976	--	--	9	2	520	3.0	434	84	510	.8	< .4	--	1,345	31	2,646	8.5	97	40.8	6.4
804	Kgw	1,044	May 6, 1970	--	--	2	3	244	--	512	70	20	1.0	.1	--	595	--	--	8.7	97	25.5	8.0
804	Kgw	1,044	Feb. 18, 1971	--	--	3	4	222	--	530	28	10	1.0	< .4	--	546	22	959	8.7	95	19.7	8.2
804	Kgw	1,044	Mar. 4, 1976	--	0.1	1	1	225	--	540	31	10	1.1	< .4	--	535	4	987	8.7	99	38.0	8.7
21-901	Kgw	301	July 19, 1971	12	--	2	1	120	--	194	92	16	.2	< .4	--	338	10	534	7.5	97	17.3	2.9
901	Kgw	301	Aug. 10, 1976	13	2.8	3	1	121	--	196	87	17	.3	< .4	--	341	9	536	7.9	96	15.4	2.9
25-301	Kgw	280	Aug. 11, 1976	14	18.0	19	16	32	--	166	13	25	.3	< .4	--	219	114	354	7.8	38	1.3	.4
302	Kgw	320	Aug. 17, 1976	14	--	29	10	32	--	127	40	23	.3	< .4	--	211	114	348	8.4	38	1.3	.0
601	Kca	1,522	June 6, 1953	16	.1	10	4	204	--	398	63	39	.1	2.2	--	534	42	--	9.1	91	13.7	5.6
601	Kca	1,522	May 10, 1956	--	.1	1	1	222	--	458	38	39	.2	1.1	--	527	3	--	8.8	99	37.5	7.3
601	Kca	1,522	Aug. 28, 1958	15	.0	1	0	208	.5	443	40	32	.3	1.0	0.2	515	4	837	8.7	99	57.3	7.2
601	Kca	1,522	Feb. 24, 1971	13	--	1	1	206	--	377	41	46	.2	< .4	--	493	9	848	9.0	98	34.8	6.0
603	Kca	1,460	Oct. 25, 1965	--	--	2	0	188	--	384	37	16	.2	< .4	--	462	6	860	9.1	99	36.6	6.1
603	Kca	1,460	Aug. 11, 1976	13	--	2	1	205	--	429	39	41	.2	< .4	--	512	5	838	8.5	98	29.5	6.8
605	Kgw	425	Aug. 12, 1976	22	6.8	68	11	18	--	148	111	12	.6	< .4	.2	322	216	478	8.3	15	.5	.0
606	Kgw	320	do	13	--	29	9	30	--	134	36	22	.2	< .4	.2	205	113	349	7.7	37	1.2	.0
607	Kgw	330	Aug. 13, 1976	18	3.8	57	10	33	--	159	87	23	.4	< .4	.2	310	183	489	7.9	28	1.0	.0
608	Kgw	309	do	13	--	32	8	33	--	166	17	21	.3	< .4	--	206	114	357	7.4	39	1.3	.4
609	Kgw	310	Aug. 17, 1976	18	14.4	33	13	21	--	120	53	19	.4	< .4	.1	231	135	353	8.1	25	.7	.0
610	Kgw	300	Sept. 15, 1976	18	.3	49	6	40	--	134	17	74	.2	< .4	.2	270	147	484	7.5	37	1.4	.0
611	Kgw	321	Aug. 24, 1976	14	--	28	9	30	--	128	34	23	.2	< .4	--	201	107	341	7.6	38	1.2	.0
901	Kgw	298	do	14	--	25	7	30	2.0	123	30	21	.2	< .4	--	190	91	313	8.2	41	1.3	.1
26-101	Kgw	446	Apr. 9, 1976	12	2.6	16	7	81	3.0	206	48	20	.3	4.1	--	295	70	480	7.8	71	4.2	2.0
401	Kgw	355	Aug. 12, 1976	13	4.0	34	12	28	--	144	45	22	.3	< .4	--	229	137	383	7.5	31	1.0	.0
404	Kgw	340	do	13	--	41	13	34	--	155	72	22	.4	< .4	--	272	157	442	8.1	32	1.1	.0
27-701	Kgw	613	Feb. 24, 1971	10	--	5	2	550	--	625	357	262	2.0	< .4	--	1,495	21	2,290	8.3	98	52.5	9.8
701	Kgw	613	Aug. 12, 1976	10	.1	7	1	860	--	760	4	890	2.6	4.8	--	2,153	21	3,560	8.5	99	80.5	12.0
801	Kgw	950	Oct. 11, 1973	11	.3	1	0	204	--	383	72	12	.8	1.0	--	490	3	838	8.7	99	56.2	6.2
802	Kca	2,480	Oct. 28, 1975	13	.1	2	1	282	--	488	100	36	1.0	.7	--	675	4	1,130	8.6	98	40.6	7.8
803	Kca	2,250	July 13, 1976	13	.1	2	0	279	--	517	89	31	.7	1.1	--	670	5	1,120	8.7	99	54.3	8.3

## GRAYSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
KI-18-27-901	Kca	2,460	May 28, 1975	14	0.1	2	0	283	--	528	86	28	1.0	0.6	--	674	5	1,130	8.5	99	55.1	8.5
28-101	Kca	2,380	May 7, 1969	--	--	2	1	298	--	510	89	88	1.1	< .4	--	747	9	1,359	8.8	99	42.9	8.1
102	Kca	2,460	Jan. 29, 1959	20	.1	1	0	285	--	554	87	56	--	--	--	721	6	1,140	8.5	99	78.5	9.0
102	Kca	2,460	May 7, 1969	--	--	3	1	267	--	464	89	58	.9	< .4	--	666	12	1,232	8.8	98	34.1	7.3
102	Kca	2,460	May 30, 1972	--	.0	2	1	270	--	465	88	64	.9	< .4	--	684	11	1,216	8.7	98	38.9	7.4
103	Kgw	1,023	Jan. 29, 1959	18	.1	1	0	174	--	354	62	18	--	--	--	447	4	686	8.1	99	47.9	5.7
103	Kgw	1,023	May 10, 1963	--	--	1	1	164	--	331	60	15	.7	< .4	--	410	1	729	8.5	98	27.7	5.2
103	Kgw	1,023	May 7, 1969	--	--	3	1	164	--	336	56	14	.9	.5	--	409	10	730	8.5	97	20.9	5.2
103	Kgw	1,023	May 30, 1972	--	.0	1	1	164	--	326	55	15	.9	< .4	--	410	7	710	8.5	98	27.7	5.2
104	Kgw	1,112	Aug. 6, 1962	22	.1	2	1	399	--	710	149	63	--	--	--	985	7	1,595	8.5	99	57.5	11.4
402	Kgw	1,050	Mar. 31, 1970	9	.1	3	0	184	--	350	69	20	--	--	--	457	8	752	8.6	98	29.2	5.5
402	Kgw	1,050	May 6, 1970	10	.1	1	0	184	--	362	77	19	--	--	--	469	4	778	8.5	99	50.6	5.8
403	Kgw	1,090	June 10, 1972	--	.1	2	0	366	--	682	86	57	1.2	.2	--	894	6	1,400	8.6	99	71.2	11.0
403	Kgw	1,090	Mar. 11, 1976	--	.0	2	1	360	--	680	106	56	1.8	< .4	--	861	7	1,595	8.9	99	51.9	10.9
404	Kca	2,500	Mar. 11, 1972	--	.1	1	0	285	--	483	94	38	.7	.5	--	704	4	970	8.6	99	78.5	7.8
404	Kca	2,500	Mar. 11, 1976	--	.0	2	1	272	--	484	89	43	.9	< .4	--	646	6	1,215	9.0	98	39.2	7.7
501	Kca	2,600	Jan. 19, 1973	--	.0	8	3	272	--	437	61	103	.5	.2	--	700	32	1,040	8.5	95	20.8	6.5
501	Kgw	930	Jan. 24, 1973	--	.0	8	2	485	--	474	441	120	.5	.0	--	1,330	28	1,750	8.3	97	39.7	7.2
502	Kgw	1,260	Mar. 2, 1967	--	.2	1	1	254	--	459	99	29	1.0	1.4	--	632	4	900	8.4	99	42.9	7.3
502	Kgw	1,260	Mar. 31, 1970	--	--	1	1	243	--	484	111	20	1.4	< .4	--	619	6	1,078	8.5	99	41.1	7.8
502	Kgw	1,260	Apr. 26, 1977	12	.1	1	1	246	1.0	510	96	24	1.2	< .4	--	633	4	950	8.2	98	41.6	8.2
503	Kgw	856	Apr. 10, 1965	--	--	2	1	315	--	309	238	104	.7	< .4	--	838	8	1,520	9.0	99	45.4	4.8
601	Kgw	940	Apr. 9, 1973	--	.1	6	3	183	--	368	34	27	.8	.0	--	465	27	750	8.8	94	15.2	5.4
601	Kca	2,600	do	--	.0	17	2	255	--	519	78	33	1.1	.0	--	671	49	1,000	8.4	92	15.5	7.4
602	Kca	2,600	May 21, 1973	--	.0	5	1	300	--	439	80	137	.5	.0	--	750	15	1,050	8.5	98	32.0	6.8
602	Kgw	1,150	do	--	.1	8	0	144	--	304	36	21	.5	.0	--	370	20	600	8.2	94	14.0	4.5
602	Kgw	850	do	--	.1	5	1	172	--	386	40	42	.9	.0	--	490	15	800	8.7	96	18.3	5.9
603	Kgw	1,250	Feb. 16, 1976	--	--	1	1	189	--	370	70	20	.9	< .4	--	471	2	840	8.6	98	31.9	5.9
701	Kgw	1,050	Feb. 23, 1944	10	.0	2	1	365	4.0	746	135	35	1.3	3.0	--	923	8	--	8.4	98	52.6	12.0
702	Kgw	1,069	Aug. 20, 1958	13	.1	1	0	367	1.5	751	118	33	1.4	3.0	0.2	907	6	1,450	8.6	99	101.1	12.2
702	Kgw	1,069	Aug. 20, 1970	--	--	2	1	317	--	630	94	28	1.7	3.5	--	785	10	1,404	8.8	99	45.7	10.1
703	Kgw	1,298	Apr. 16, 1966	--	.8	2	1	231	--	479	68	16	1.2	< .4	--	565	7	1,040	8.7	98	33.3	7.6
703	Kgw	1,298	Aug. 20, 1970	--	--	2	2	189	--	387	60	16	.9	< .4	--	475	14	852	8.8	97	22.6	6.0



GRAYSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
KT-16-28-705	Kgw	1,134	Mar. 14, 1977	--	0.2	1	1	161	--	327	53	16	0.8	< 0.4	--	394	2	710	8.5	98	27.2	5.2
801	Kca	2,630	Feb. 15, 1973	--	.0	6	1	311	--	404	40	200	1.0	.5	--	783	18	1,350	8.5	97	30.9	6.2
801	Kgw	1,338	do	--	.1	6	2	452	--	801	191	45	1.5	1.0	--	1,145	25	1,650	8.8	98	40.8	12.6
801	Kgw	1,130	do	--	.1	3	2	185	--	354	88	24	.8	.0	--	500	14	810	8.5	96	20.3	5.4
801	Kgw	910	do	--	.1	6	1	431	--	713	218	102	2.0	.0	--	1,160	18	1,650	8.8	98	42.9	11.3
29-101	Kca	2,340	May 1, 1973	--	.0	6	2	393	--	466	75	266	1.0	.0	--	983	23	1,500	8.2	97	35.4	7.1
101	Kgw	1,010	do	--	.0	6	0	160	--	356	21	15	1.6	.0	--	380	14	--	--	96	17.9	5.5
101	Kgw	750	do	--	--	8	0	250	--	493	0	91	1.4	.0	--	615	20	1,000	8.4	96	24.3	7.6
102	Kca	2,150	Mar. 13, 1973	--	.1	4	2	331	--	586	100	38	1.4	.0	--	830	17	1,250	9.0	98	33.7	9.2
102	Kgw	870	do	--	.2	5	1	127	--	273	36	10	1.0	.0	--	325	16	550	8.4	94	13.5	4.1
102	Kgw	650	do	--	.1	11	1	266	--	448	74	61	1.2	.0	--	685	32	1,050	8.9	95	20.5	6.7
103	Kgw	876	Oct. 15, 1970	--	--	1	1	121	--	282	66	10	.7	< .4	--	305	6	524	8.4	98	20.4	4.4
301	Kgw	709	Aug. 14, 1939	14	.1	2	3	154	--	335	43	18	1.5	< .4	--	400	15	--	8.4	95	16.0	5.1
301	Kgw	709	Feb. 23, 1943	13	.1	1	1	147	2.4	324	40	13	.8	.2	--	377	5	--	8.2	97	24.8	5.1
301	Kgw	709	May 10, 1956	--	.2	1	0	168	--	325	38	28	.7	< .4	--	396	2	--	8.0	99	46.2	5.2
301	Kgw	709	Aug. 19, 1958	12	.1	0	0	153	.6	327	39	14	.7	1.2	0.1	381	2	634	8.1	--	--	5.3
301	Kgw	709	July 19, 1971	12	--	1	1	159	--	353	41	13	.9	< .4	--	401	7	629	8.0	98	26.9	5.6
301	Kgw	709	Aug. 11, 1976	12	.2	1	1	159	--	344	42	15	1.0	< .4	--	400	4	633	8.2	98	26.9	5.5
302	Kca	1,600	July 19, 1971	14	--	3	1	354	--	760	92	39	2.2	< .4	--	879	13	1,340	8.3	98	45.2	12.2
302	Kca	1,600	Aug. 11, 1976	15	--	3	1	381	--	740	112	58	2.5	< .4	--	936	8	1,490	8.6	99	48.6	11.8
701	Kgw	1,180	Feb. 23, 1943	14	.1	2	1	342	3.6	614	99	103	1.7	.0	--	868	8	--	8.3	98	49.3	9.8
701	Kgw	1,180	May 5, 1956	--	.0	2	1	358	--	649	102	114	1.8	2.0	--	900	7	--	8.4	99	51.6	10.4
701	Kgw	1,180	Aug. 22, 1958	14	.0	1	1	359	1.2	632	99	104	1.6	1.0	.2	892	4	1,470	8.5	99	60.7	10.2
701	Kgw	1,180	Apr. 9, 1964	--	--	3	1	350	--	590	97	102	2.1	< .4	--	881	8	1,544	8.7	98	44.7	9.4
701	Kgw	1,180	July 19, 1971	12	--	2	1	309	--	570	125	68	1.8	1.0	--	800	10	1,240	8.2	99	44.5	9.1
701	Kgw	1,180	Aug. 10, 1976	13	.1	2	1	305	--	520	141	55	1.6	.5	--	774	6	1,210	8.5	99	43.9	8.3
702	Kgw	1,475	Apr. 15, 1976	13	2.1	2	1	283	1.0	510	142	39	1.5	< .4	--	735	4	1,152	8.4	98	40.8	8.1
703	Kgw	1,224	Oct. 20, 1977	--	.2	2	1	455	--	476	324	142	1.5	.0	--	1,201	10	1,900	8.5	99	65.6	7.6
801	Kgw	1,331	July 22, 1975	--	--	1	1	215	--	386	103	26	1.0	2.2	--	546	3	980	8.6	99	36.3	6.1
901	Kgw	1,160	June 6, 1950	18	5.8	9	10	334	--	626	109	138	1.8	--	--	933	64	--	8.3	92	18.2	8.9
901	Kgw	1,160	Aug. 22, 1972	--	--	1	1	299	--	530	106	75	3.0	< .4	--	746	7	1,341	8.4	99	50.6	8.5
902	Kgw	1,189	Feb. 23, 1943	12	.1	1	0	284	3.2	513	111	61	1.7	2.0	--	728	6	--	8.4	99	78.2	8.3
902	Kgw	1,189	Aug. 13, 1951	13	.1	4	4	273	--	506	117	60	1.2	1.8	--	730	27	--	8.3	96	23.1	--

GRAYSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

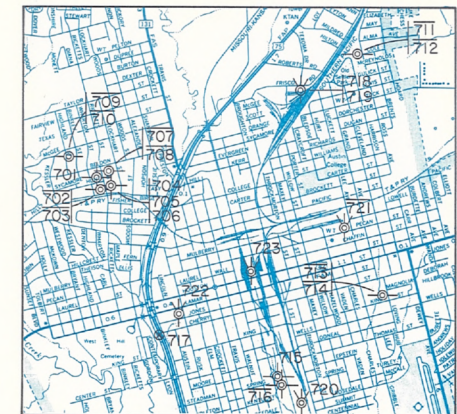
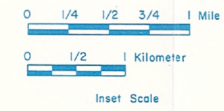
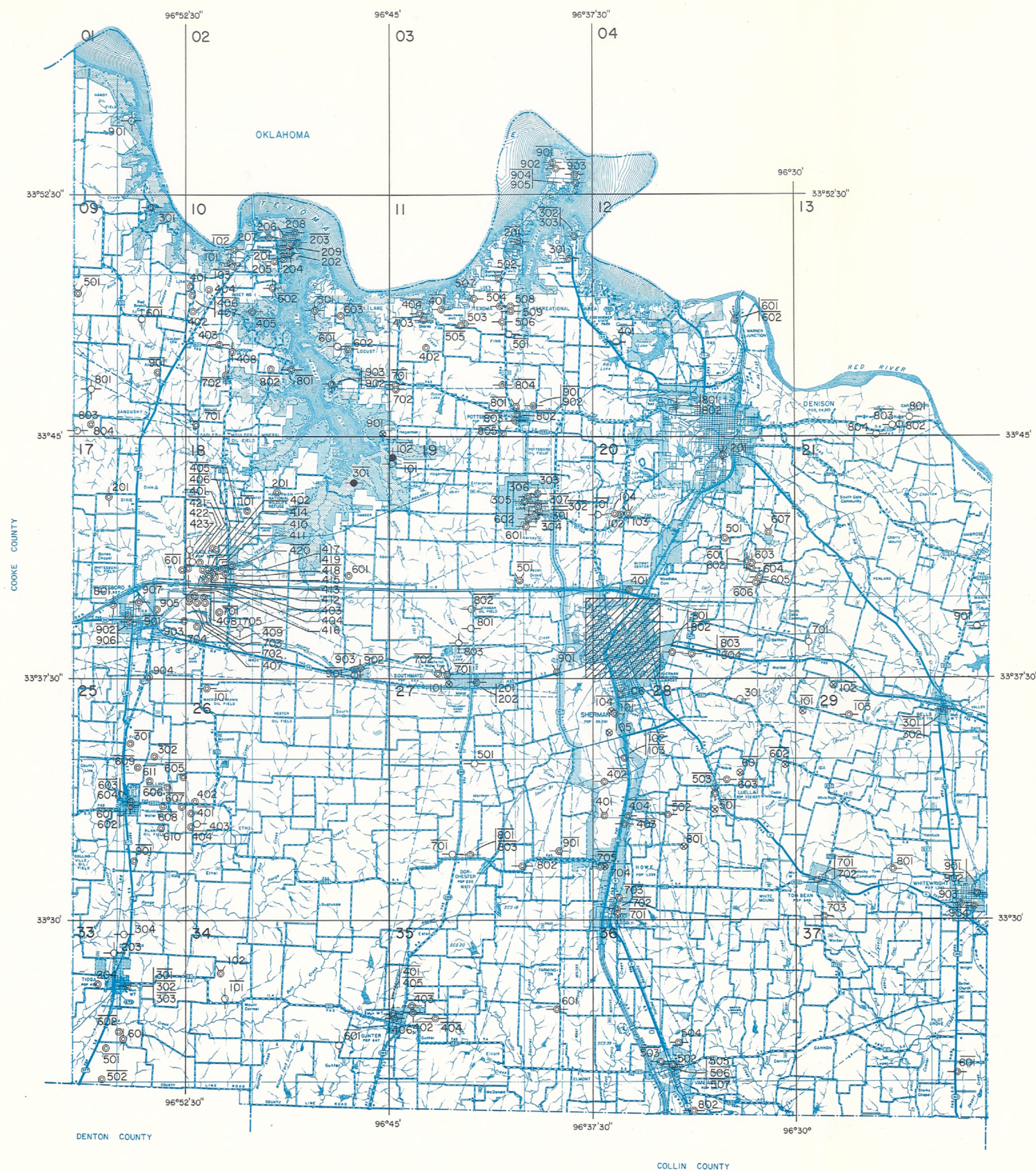
Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
KT-18-29-902	Kgw	1,189	Mar. 26, 1958	15	0.0	1	0	279	--	505	108	56	1.4	2.0	--	710	4	1,160	8.4	99	76.8	8.2
902	Kgw	1,189	Aug. 22, 1972	--	--	1	1	262	--	470	109	45	1.9	< .4	--	651	7	1,160	8.5	99	44.3	7.5
903	Kgw	1,257	do	--	.1	1	1	233	--	394	133	34	.9	< .4	--	597	6	1,050	8.5	99	39.4	6.3
904	Kgw	1,388	Mar. 18, 1973	--	.3	0	0	240	--	385	128	35	1.5	.0	--	613	4	985	8.5	--	--	6.3
904	Kgw	1,388	Aug. 10, 1976	13	.1	2	1	240	--	409	136	30	1.0	< .4	--	624	7	970	8.4	98	34.6	6.5
33-301	Kca	923	Aug. 15, 1960	--	.4	1	1	292	--	602	84	15	1.0	< .4	--	720	3	1,200	8.9	99	49.4	9.7
301	Kca	923	Apr. 6, 1962	--	.6	2	1	264	--	550	76	22	.9	.6	--	634	7	1,224	8.7	98	38.0	8.8
301	Kca	923	Mar. 15, 1966	--	--	2	0	277	--	510	79	19	.9	< .4	--	629	4	1,224	9.0	99	53.9	8.2
301	Kca	923	July 20, 1971	12	--	2	1	265	--	550	77	15	1.1	< .4	--	643	10	1,035	8.9	98	38.2	8.8
301	Kca	923	Oct. 12, 1976	12	--	1	1	272	--	520	71	19	1.0	< .4	--	633	4	1,089	9.2	99	46.0	8.3
301	Kca	923	do	12	--	1	1	272	--	520	71	19	1.0	< .4	--	633	4	1,089	9.2	99	46.0	8.3
302	Kgw	215	June 16, 1953	9	2.0	22	11	52	--	144	50	21	.1	1.0	--	238	100	--	7.3	53	2.2	.3
302	Kgw	215	Aug. 21, 1958	12	--	16	7	50	2.7	160	24	16	.4	.0	0.2	206	69	354	6.9	60	2.6	1.2
303	Kca	1,500	Oct. 12, 1976	13	--	1	1	188	--	388	63	13	.2	< .4	--	470	4	778	8.7	98	31.8	6.2
501	Kgw	279	Aug. 6, 1976	11	--	14	4	79	--	156	61	23	.3	< .4	--	269	52	449	7.9	77	4.7	1.5
502	Kgw	317	Aug. 24, 1976	12	.8	7	2	91	--	161	70	17	.4	< .4	.2	279	29	451	8.2	88	7.8	2.1
602	Kgw	220	Aug. 17, 1976	12	1.7	37	11	95	--	187	129	36	.3	5.8	--	419	137	671	8.7	60	3.5	.3
34-101	Kgw	400	July 20, 1971	9	--	5	1	106	--	234	38	14	.5	< .4	--	288	15	459	7.7	93	11.3	3.5
601	Kgw	387	do	9	--	11	6	1,040	--	530	1,460	275	2.4	< .4	--	3,064	50	3,930	7.8	98	62.6	7.6
601	Kgw	387	Nov. 12, 1971	7	--	11	7	1,050	--	550	1,440	288	2.4	< .4	--	3,076	55	4,020	8.3	98	60.9	7.8
601	Kgw	387	Nov. 7, 1973	5	--	9	4	1,000	--	570	1,300	285	2.5	11.0	--	2,896	37	3,860	8.3	98	69.7	8.5
35-401	Kgw	734	June 1, 1953	33	.1	14	3	304	--	731	65	28	1.4	< .4	--	810	48	--	8.0	93	19.2	--
401	Kgw	734	Apr. 15, 1976	3	6.8	2	1	101	--	217	23	20	.3	< .4	--	264	11	425	7.7	96	14.5	3.3
402	Kgw	730	Aug. 21, 1958	13	1.4	3	1	103	2.2	204	42	19	.4	.0	.0	285	16	469	7.4	94	13.1	3.1
403	Kca	1,666	Apr. 15, 1976	16	--	2	1	266	--	530	69	18	1.0	< .4	--	634	4	1,045	8.9	98	38.3	8.5
404	Kca	2,304	Dec. 1, 1971	--	.1	0	0	268	--	473	71	21	.7	1.5	--	655	4	940	8.9	--	--	7.7
405	Kgw	1,000	Feb. 22, 1943	13	.1	2	1	308	3.0	733	53	13	1.6	3.5	--	758	7	--	8.4	98	44.4	11.8
36-502	Kgw	1,401	May 15, 1956	--	.1	1	1	222	--	--	76	32	.8	1.1	--	546	4	--	8.2	99	37.5	--
502	Kgw	1,401	Aug. 20, 1958	13	.1	0	0	203	1.0	403	74	19	.8	.0	.1	509	0	860	8.2	--	--	6.6
502	Kgw	1,401	July 20, 1971	12	--	2	5	217	--	475	75	19	1.2	1.0	--	565	25	872	8.3	95	18.6	7.2
503	Kca	2,300	June 3, 1970	12	.7	6	1	386	--	869	92	35	--	--	--	959	18	1,520	7.9	98	38.4	13.8
503	Kca	2,300	June 30, 1970	--	.1	2	1	345	--	669	87	28	1.6	2.0	--	796	8	1,390	8.6	99	49.7	10.7
503	Kca	2,300	July 20, 1971	15	--	3	1	346	--	790	90	21	2.7	< .4	--	867	11	1,300	8.3	98	44.2	12.7

GRAYSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
KT-18-36-503	Kca	2,300	Jan. 21, 1976	--	0.1	1	1	304	--	600	87	26	2.0	2.0	--	733	1	1,341	8.8	99	51.4	9.7
506	Kgw	1,411	Aug. 8, 1951	24	.2	10	22	167	--	--	85	28	.9	--	--	575	116	--	8.5	76	6.7	--
507	Kgw	1,155	Feb. 22, 1943	17	.1	13	7	1,170	13.0	591	1,400	472	2.6	.8	--	3,386	60	--	8.4	97	65.0	8.4
37-601	Kgw	1,638	Jan. 12, 1972	--	.2	1	1	282	--	461	173	48	1.2	2.5	--	736	6	--	8.5	99	47.7	7.4
601	Kgw	1,638	Jan. 25, 1977	--	--	1	1	292	--	454	179	42	1.2	1.0	--	750	2	1,314	8.6	99	49.4	7.3



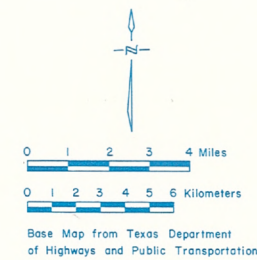


Inset

EXPLANATION

- Public supply well
- Industrial well
- Irrigation well
- Domestic or livestock well
- Oil or gas well
- Test hole
- Unused or abandoned well
- Solid circle indicates flowing well
- Line above well number indicates chemical analysis given in Table 4

Note: This county is entirely within 1<sup>o</sup> quadrangle number 18



Location of Selected Water, Oil, and Gas Wells in Grayson County



HOOD COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.  
 Water level : Reported water levels given in feet, measured water levels given to the nearest tenth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; E, electric; G, gasoline, butane or diesel engine; H, hand; J, jet; N, none,  
 S, submersible; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Kcgr, Glen Rose Formation; Kcpa, Paluxy Formation; Kctm, Twin Mountains Formation.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
LY-31-32-601	F. C. Spencer	F. C. Spencer	1959	21	36	21	Kctm	880	17	1960	H	D, S	Dug well.
901	Herman D. Howard	H. D. Howard	1952	46	48	15	Kctm	962	34.6 32.6	Oct. 25, 1967 Nov. 1, 1976	J, E 1	P	Open hole from 15-46 ft. Dug well. Pump set at 44 ft. <u>3</u>
32-25-601	N. B. Brewer	Den Morgan	--	70	5	70	Kctm	835	38	Oct. 12, 1960	J, E 1/2	D, S	Pump set at 66 ft.
* 701	T. L. Compton	--	1939	80	6	--	Kcpa	935	63.2 63.8 62.9	June 23, 1971 Nov. 4, 1971 Nov. 7, 1973	C, W	D, S	--
26-501	L. H. Thomas	--	--	140	5	--	Kctm	739	54.1	Oct. 7, 1960	H	N	--
502	do	Den Morgan	--	140	5	--	Kctm	739	54.1	--	C, E	D, S	--
701	O. P. Leonard	--	1963	80	6	--	Kctm	735	49.8	June 23, 1971	J, E 1	D	<u>3</u>
702	Southwest Water Co.	Watts Drilling Co.	1973	100	8 4	56 100	Kctm	700	13	June 1973	S, E 1 1/2	P	Pump set at 84 ft. Completed from 65-75 ft. Pumping level 29 ft at 28 gal/min on Aug. 17, 1974.
* 703	Western Resort Properties	do	1973	150	8	150	Kctm	785	120.5 98.4	Dec. 1973 Sept. 16, 1974	N	P	Slotted from 100-150 ft. Pumping level 160 ft at 25 gal/min when drilled. <u>1</u>
704	do	do	1976	120	8	92	Kctm	750	56.2	July 7, 1977	S, E 3	P	Cemented to 60 ft. Slotted from 55-84 ft. Pump set at 84 ft. Reported yield 25 gal/min. <u>1</u>
* 801	C. A. Cassity	A. L. Rogers Water Well Drilling	1956	170	8	100	Kctm	720	38.8	Oct. 5, 1960	T, E 5	Irr	Perforated from 55-100 ft and open hole to 170 ft. Pump set at 41 ft. Measured yield 100 gal/min.
802	Whippoorwill Bay Co.	Julian Water Well Service	1974	240	5	240	Kctm	760	120 117.4	June 19, 1974 Aug. 25, 1975	S, E 3	P	Cemented to 100 ft. Slotted from 180-220 ft. Reported yield 15 gal/min. <u>1</u>
* 803	Long Creek Water Co.	H. L. Drilling Service	1972	200	10 5	90 200	Kctm	772	--	--	T, E 10	P	Cemented to 90 ft. Screened. Gravel packed. Pump set at 180 ft. Temp. 71°F.
901	James B. Robinson	A. L. Rogers Water Well Drilling	--	193	6	--	Kctm	810	--	--	C, E 1/2	D, S	--
902	R. F. Parkinson	Wolf Drilling	1973	420	10	420	Kctm	830	--	--	S, E 30	Irr	<u>1</u>
* 903	Scott Parkinson	do	1973	425	10	424	Kctm	862	--	--	S, E 30	Irr	Gravel packed. Pump set at 400 ft. Temp. 73°F. <u>1</u>
27-402	Albert W. Hall	Nolan J. Walker	1964	75	6	--	Kcpa	895	21.3 19.7	June 24, 1971 Nov. 1, 1976	S, E 1/3	S	<u>3</u>
403	do	Littrell Drilling Co.	1966	358	6	--	Kctm	895	277.0 297.5	June 24, 1971 Nov. 1, 1976	S, E 1 1/2	D	<u>3</u>

See footnotes at end of table.

## HOOD COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
LY-32-27-404	D. O. Tankersley	Nolan J. Walker	1969	140	5	140	Kepa	940	--	--	S, E 2	Ind	Cemented to 35 ft. Perforated and gravel packed.
701	Earl Porter	--	--	70	30	--	Kepa	920	63	Sept. 1960	J, E 1/2	D	--
702	X. A. Myer	--	--	34	36	--	Kepa	870	27.5	Oct. 5, 1960	J, E 1/2	D, S	--
703	R. L. Tankersley	Wolf Drilling	1973	415	10	415	Kctm	878	--	--	S, E 30	Irr	Slotted. Gravel packed. Measured yield 150 gal/min on July 27, 1976. <u>1</u>
704	do	do	1973	387	8	387	Kctm	873	--	--	S, E 30	Irr	Slotted from 293-387 ft. Reported yield 80 gal/min. Temp. 73°F. <u>1</u>
705	Doug Crough	John Whiteside	1969	408	7 4	339 408	Kctm	848	193	Dec. 31, 1969	S, E 2	D, Irr	Cemented to 339 ft. Slotted from 345-406 ft. Pump set at 335 ft. Pumping level 219 ft at 35 gal/min when drilled. <u>1</u>
28-704	Hughie Long	Morris Pollock and Sons Drilling Co.	1958	353	--	--	Kepa	1,037	265.8 266.7	Oct. 5, 1960 Nov. 1, 1976	S, E 1	D, S	<u>3</u>
33-201	A. B. Clapp	A. B. Clapp	--	55	42	8	Kctm	857	52	Oct. 12, 1960	J, E	D, S	Dug well.
401	V. H. Musick	Morris Pollock and Sons Drilling Co.	1952	342	7 4	43 342	Kctm	1,153	270	1952	J, E 1	D	Screened from 300-342 ft. Pump set at 317 ft.
402	Dan Knouf	--	1964	380	6	--	Kctm	1,132	286.2	June 25, 1971	S, E	D	Pump set at 315 ft. <u>3</u>
403	do	--	1950	25	24	--	Kepa	1,120	10.0	do	C, E	D, S	<u>3</u>
404	do	Wolf Drilling	1971	347	8	347	Kctm	1,122	--	--	T, G 40	Irr	Perforated from 280-345 ft. <u>1</u>
801	C. W. Bridier	C. R. Johnson	1953	317	4	--	Kctm	1,095	240	1953	J, E 1	D	Pump set at 277 ft.
802	Doris Baker	--	1922	297	7 5	-- 297	Kctm	1,050	250	Aug. 19, 1942	C, E 1	P	Completed from 238-250 and 277-297 ft. Plugged.
803	do	Roy H. Johnson Drilling Co.	1945	310	8 7 5	83 282 310	Kctm	1,050	--	--	C, E 1	P	Plugged.
804	Vera Brooks	Morris Pollock and Sons Drilling Co.	1958	307	--	--	Kctm	1,030	--	--	C, E 1	D	--
805	City of Tolar	Jones Drilling Co.	1964	535	7 4	360 535	Kctm	1,048	265 256.2	May 5, 1964 Aug. 19, 1974	S, E 7 1/2	P	Cemented to 200 ft. Perforated from 297-333 and 395-535 ft. Pump set at 310 ft. Temp. 71°F. <u>1</u>
806	do	Watts Drilling Co.	1971	500	8	500	Kctm	1,050	228	Dec. 24, 1971	S, E 10	P	Cemented to 424 ft. Gun perforated from 300-310; 316-330, 390-404; and 412-420 ft. Pump set at 357 ft. Reported yield 70 gal/min. Temp. 71°F. <u>1</u>
901	George Chrane	Jones Drilling Co.	1951	348	6	348	Kctm	1,020	253.6	Sept. 28, 1960	T, E	D, Irr	--
902	Leonard Leitso	Ward and Ward Drilling	1973	405	4	280	Kctm	920	160	June 27, 1973	S, E	D	Cemented to 280 ft. Gun perforated from 218-222 and 253-260 ft. Open hole from 280-405 ft. Pump set at 213 ft. Temp. 68°F. <u>1</u> <u>2</u>
34-101	Steve Bird	Dan Morgan	1958	120	4	120	Kctm	763	19.4	Oct. 5, 1960	C, E	D	--

See footnotes at end of table.

## HOOD COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
WY-32-34-102	Boswell Water Co.	Wolf Drilling	1973	115	8	110	Kctm	725	--	--	T, E 25	P	Reported yield 420 gal/min. Slotted. Temp. 68°F. <u>1/2</u>
* 103	do	do	1973	132	4	90	Kctm	740	--	--	S, E	P	Open hole from 90-132 ft. Reported yield 400 gal/min. Temp. 68°F. <u>1/2</u>
104	Western Resort Properties	Jones Drilling Co.	1973	--	8	--	Kctm	815	121 116.9	Nov. 24, 1973 Sept. 16, 1974	S, E 7 1/2	P	Slotted. Pumping level 147 ft at 36 gal/min on Nov. 24, 1973, and measured yield 43.5 gal/min on Aug. 29, 1974.
105	do	do	1973	--	10	--	Kctm	875	179 185	Nov. 24, 1973 Aug. 17, 1974	S, E 7 1/2	P	Slotted. Pumping level 194 ft at 31 gal/min on Nov. 24, 1973. Reported yield 47 gal/min. Temp. 72°F.
106	do	do	1973	--	10	--	Kctm	811	112 130	Nov. 24, 1973 Aug. 17, 1974	S, E 7 1/2	P	Slotted. Measured yield 43.5 gal/min on Aug. 29, 1974.
* 107	do	Watts Drilling Co.	1973	206	8	200	Kctm	808	95 107 120	Mar. 23, 1973 Nov. 24, 1973 Aug. 17, 1974	S, E 7 1/2	P	Cemented to 98 ft. Slotted from 98-200 ft. Pump set at 198 ft. Pumping level 165 ft at 70 gal/min on Mar. 23, 1972, and 159 ft at 60 gal/min on Aug. 17, 1974. Temp. 72°F. <u>1/2</u>
108	do	do	1972	220	8	188	Kctm	804	110 126 103.8	Mar. 26, 1972 Aug. 17, 1974 Sept. 16, 1974	S, E 7 1/2	P	Cemented to 90 ft. Slotted from 90-180 ft and open hole from 180-220 ft. Pump set at 170 ft. Pumping level 165 ft at 48 gal/min on Mar. 26, 1972, and 164 ft at 46 gal/min on Aug. 17, 1974. Measured yield 42.3 gal/min on Aug. 29, 1974. <u>1/2</u>
109	do	do	1972	205	8	155	Kctm	803	102 89 105	Mar. 30, 1972 Nov. 24, 1973 Aug. 17, 1974	S, E 7 1/2	P	Slotted from 98-150 ft and open hole from 155-205 ft. Pumping level 134 ft at 55 gal/min on Mar. 30, 1972, and 128 ft at 41 gal/min on Aug. 17, 1974. Measured yield 38.3 gal/min on Aug. 29, 1974. <u>1/2</u>
110	Boswell Water Co.	Wolf Drilling	1970	105	5	105	Kctm	780	20	Oct. 1970	S, E 3	P	Cemented from 6-18 ft. Slotted from 95-105 ft. Temp. 70°F. <u>1/2</u>
* 112	Dr. Roger Nunnalee	Julian Water Well Service	1974	122	8	122	Kctm	751	19	Sept. 10, 1974	S, E 10	Irr	Cemented to 40 ft. Perforated from 40-122 ft. Gravel packed. Measured yield 280 gal/min on July 28, 1976. <u>1/2</u>
201	C. E. Reese	A. L. Rogers Water Well Drilling	1959	114	4	114	Kctm	695	20.5	Oct. 7, 1960	W	S	--
202	do	Morris Pollock and Sons Drilling Co.	1958	171	4	171	Kctm	760	--	--	C, E 1/2	D, S	--
* 203	Western Resort Properties	Jones Drilling Co.	1970	190	8	190	Kctm	785	100 102 107.6	May 1, 1970 Nov. 24, 1973 Sept. 16, 1974	S, E 7 1/2	P	Cemented to 118 ft. Slotted from 120-150 ft. Pumping level 150 ft at 30 gal/min on May 1, 1970; 128 ft at 55 gal/min on Nov. 24, 1973; and 140 ft at 50 gal/min on Aug. 17, 1974. Temp. 70°F. <u>1/2</u>
204	do	do	1970	190	12 8	120 190	Kctm	808	100 114 126	June 15, 1970 Nov. 24, 1973 Aug. 17, 1974	S, E	P	Slotted from 120-150 and 180-190 ft. Pump set at 180 ft. Pumping level 150 ft at 80 gal/min on June 15, 1970, and 147 ft at 75 gal/min on Nov. 24, 1973. Measured yield 72 gal/min on Aug. 30, 1974. <u>1/2</u>
205	do	do	1970	--	8	--	Kctm	782	96 107.5	Nov. 24, 1973 Sept. 16, 1974	S, E 5	P	Slotted. Pumping level 107 ft at 11 gal/min on Nov. 24, 1973. Reported yield 15 gal/min.

See footnotes at end of table.

## HOOD COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
LY-32-34-206	Western Resort Properties	Jones Drilling Co.	1970	80	4	80	Kctm	715	30	July 13, 1970	S, E 1 1/2	P	Cemented to 40 ft. Slotted. Pumping level 35 ft at 20 gal/min on July 13, 1970. Pump set at 63 ft. <u>1</u>
207	Don Kennon	Julian Water Well Service	1974	220	5	220	Kctm	740	90	Sept. 11, 1974	S, E 2	Irr	Cemented to 90 ft. Perforated from 160-220 ft. Reported yield 12 gal/min. Gravel packed. <u>1</u>
301	Laguna Trees	Wolf Drilling	1972	155	5	155	Kctm	688	--	--	S, E 3	P	Cemented to 100 ft. Perforated from 135-155 ft. Pumping level 135 ft at 72 gal/min on Apr. 12, 1972. Temp. 81°F. <u>1</u>
302	Community Water Co.	do	1969	188	5	188	Kctm	710	109.3	Feb. 25, 1975	S, E 3	P	Slotted.
401	Boswell Water Co.	do	1973	120	10	120	Kctm	740	--	--	S, E 25	P	Slotted from 50 to 120 ft. Gravel packed. Reported yield 400 gal/min. <u>1</u>
501	City of Granbury	Russell Brothers	1955	202	12	202	Kctm	742	--	--	T, E 10	P	Perforated from 162-202 ft. Pump set at 184 ft. Reported yield 70 gal/min.
* 502	do	do	1957	186	12	186	Kctm	730	--	--	T, E 10	P	Pump set at 166 ft. Temp. 74°F.
503	do	A. L. Rogers Water Well Drilling	1962	193	12 8	66 186	Kctm	750	60	July 11, 1962	N	N	Slotted from 120-186 ft. Gravel packed. Reported yield 120 gal/min. Abandoned and plugged due to poor water quality. <u>1</u>
504	Texas Highway Department	Watts Drilling Co.	1965	200	6	200	Kctm	740	105	July 1965	S, E 3	Ind	Cemented to 164 ft. Completed from 165-200 ft. Pump set at 168 ft. Reported yield 35 gal/min. Temp. 79°F. <u>1</u>
505	Hood County Feeders	Jones Drilling Co.	1970	260	7	260	Kctm	800	220	Sept. 8, 1970	S, E 5	Ind	Cemented to 228 ft. Slotted from 241-260 ft. Temp. 78°F. <u>1</u>
506	do	do	1970	258	7	258	Kctm	805	218	Jan. 12, 1970	S, E 5	Ind	Cemented to 230 ft. Perforated from 235-258 ft. <u>1</u>
507	Mooreland Water Co.	Reid Pump Sales and Service	1969	270	4	270	Kctm	830	--	--	S, E 2	P	Cemented to 190 ft. Slotted total of 44 ft. Pump set at 168 ft. Temp. 74°F. <u>1</u>
508	do	do	1969	270	4	270	Kctm	830	--	--	S, E 5	P	Slotted. Pump set at 200 ft.
509	do	Mooreland Water Co.	1972	280	6	270	Kctm	835	160	June 30, 1972	N	P	Cemented to 180 ft. Slotted from 210-270 ft. Reported yield 30 gal/min. Stand-by well. <u>1</u>
510	do	do	1972	270	6	270	Kctm	830	180 177.5	July 8, 1972 Aug. 21, 1974	S, E 5	P	Cemented to 180 ft. Slotted from 200-260 ft. Pump set at 225 ft. Reported yield 30 gal/min. <u>1</u>
511	do	do	1972	280	6	270	Kctm	846	195	July 14, 1972	N	P	Cemented to 190 ft. Slotted from 200-260 ft. Reported yield 25 gal/min. Stand-by well. <u>1</u>
512	do	do	1972	260	4	260	Kctm	828	180	July 20, 1972	N	P	Cemented to 180 ft. Slotted from 200-250 ft. Reported yield 20 gal/min. Stand-by well. <u>1</u>
513	do	do	1972	225	4	225	Kctm	812	170	Aug. 4, 1972	S, E 5	P	Cemented to 175 ft. Slotted from 180-220 ft. Pump set at 225 ft. Reported yield 25 gal/min. <u>1</u>
514	S and W Water Co.	Watts Drilling Co.	1965	200	4	200	Kctm	742	98	Apr. 16, 1965	S, E 2	P	Cemented to 165 ft. Slotted from 160-180 ft. Pump set at 168 ft. <u>1</u>
601	City of Granbury	Russell Brothers	1950	175	--	--	Kctm	695	--	--	T, E 5	P	Pump set at 156 ft. Reported yield 65 gal/min.

See footnotes at end of table.



## HOOD COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*LY-32-34-602	City of Granbury	Russell Brothers	1951	225	8	225	Kctm	765	--	--	T, E 10	P	Perforated from 185-225 ft. Pump set at 200 ft. Reported yield 75 gal/min. Temp. 75°F.
* 603	do	do	1953	200	8	200	Kctm	720	--	--	T, E 5	P	Perforated from 160-200 ft. Pump set at 184 ft. Reported yield 65 gal/min.
* 604	do	do	1953	205	8	205	Kctm	715	--	--	T, E 7 1/2	P	Perforated.
* 605	do	Carlisle and Miller	1939	685	8 6	447 685	Kctm	700	--	--	N	N	Perforated in all water sands. Plugged. <u>1</u>
* 606	do	C. M. Stoner Drilling Co.	1940	175	10 8	33 175	Kctm	705	--	--	T, E 5	P	Cemented to 33 ft. Perforated from 95-175 ft. Reported yield 75 gal/min. <u>1</u>
* 607	do	--	--	175	6	175	Kctm	705	--	--	T, E 10	P	Temp. 75°F. <u>1</u>
* 608	do	J. Hall	1933	160	--	--	Kctm	700	110.5 87.9	June 23, 1971 Nov. 7, 1973	N	N	Reported yield 65 gal/min. Plugged.
* 609	do	J. L. Myers Sons	1968	250	13 8	160 222	Kctm	725	110	July 18, 1968	S, E 7 1/2	P	Screened from 160-191 and 194-215 ft. Pumping level 155 ft at 102 gal/min on July 18, 1968. Pumping level 159.0 ft on Aug. 15, 1974. Reported yield 75 gal/min. Underreamed and gravel packed. Pump set at 220 ft. <u>1</u> <u>2</u>
* 610	do	do	1968	256	13 8	180 250	Kctm	750	130 162.0	Aug. 15, 1968 Aug. 15, 1974	T, E 10	P	Cemented to 180 ft. Screened from 180-210 and 213-242 ft. Underreamed and gravel packed. Pumping level 177 ft at 74 gal/min on Aug. 19, 1968. <u>1</u> <u>2</u>
* 611	do	do	1968	300	13 8	215 300	Kctm	750	160 157.0	Sept. 16, 1968 Aug. 15, 1974	T, E 10	P	Cemented to 215 ft. Screened from 215-235 and 239-259 ft. Underreamed and gravel packed. Pumping level 205 ft at 105 gal/min on Sept. 16, 1968. <u>1</u> <u>2</u>
612	do	Jones Drilling Co.	1965	677	8 7	390 677	Kctm	700	--	--	N	N	Plugged.
613	do	A. L. Rogers Water Well Drilling	1963	211	12 8	-- 210	Kctm	725	82 125 118 95.0	Oct. 17, 1963 Apr. 28, 1965 Feb. 11, 1972 Aug. 15, 1974	T, E 10	P	Cemented to 130 ft. Slotted. Pump set at 180 ft. Reported yield 100 gal/min.
* 614	do	do	1964	225	12 8	-- 225	Kctm	735	131.2 145.1	Aug. 15, 1974 Nov. 3, 1976	T, E 10	P	Cemented to 90 ft. Slotted. <u>1</u> <u>2</u>
* 615	Western Resort Properties	Jones Water Well Supply	1969	379	8	379	Kctm	--	279 296	Nov. 24, 1973 Aug. 17, 1974	S, E 7 1/2	P	Cemented to 289 ft. Slotted from 300-370 ft. Pump set at 315 ft. Pumping level 302 ft at 130 gal/min on Nov. 24, 1973, and 315 ft at 115 gal/min on Aug. 17, 1974. Temp. 71°F. <u>1</u>
* 616	Stum's Wholesale Sporting Store	Julian Water Well Service	1973	185	5	185	Kctm	705	80	Aug. 21, 1973	S, E	Ind	Cemented to 120 ft. Slotted from 125-185 ft. Gravel packed. Pumping level 140 ft at 20 gal/min when drilled. Temp. 70°F. <u>1</u>
* 617	Joe Noah	Morris Pollock and Sons Drilling Co.	1966	176	7 4	23 176	Kctm	680	80	Apr. 5, 1966	S, E 1	Ind	Cemented to 23 ft. Perforated from 136-176 ft. Pump set at 128 ft. Reported yield 35 gal/min. Temp. 73°F.
618	Ingram Enterprises	Julian Water Well Service	1975	300	5	300	Kctm	765	180	Apr. 2, 1975	S, E 3	Ind	Cemented to 80 ft. Slotted from 260-300 ft. Reported yield 12 gal/min. <u>1</u>

See footnotes at end of table.

## HOOD COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
LY-32-34-619	Western Hills Resort Properties	Watts Drilling Co.	1977	330	8	298	Kctm	780	203 213.6	Mar. 1977 Jan. 9, 1978	S, E 20	P	Cemented to 200 ft. Slotted from 210-298 ft. Pump set at 283 ft. Drawdown 57 ft pumping 150 gal/min in Mar. 1977. <u>1</u>
701	William L. Schomers	L. Johnson	1953	317	4	317	Kctm	970	215	Mar. 16, 1953	C, E	D	Slotted from 280-317 ft. Pump set at 296 ft.
801	Ned Davis	--	--	300	--	--	Kctm	930	--	--	W	D, S	--
* 803	C. C. Gilliam	--	--	130	4	--	Kcpa	1,020	50 66.8	Nov. 4, 1975	C, E 1 1/2	D, S	Temp. 70°F. <u>3</u>
* 804	Western Resort Properties	Watts Drilling Co.	1976	417	7	280	Kctm	810	184 192.2	Mar. 1976 July 5, 1977	S, E 5	P	Cemented to 202 ft. Slotted from 202-270 ft. Gravel packed. Drawdown 41 ft pumping 102 gal/min when drilled. <u>1</u>
* 806	Jerry Barrett	--	--	44	30	44	Kcpa	980	29.1	Nov. 1, 1977	N	N	--
* 807	Warren Massey	W. D. Dowell	1974	365	4	365	Kctm	960	300	Aug. 22, 1974	S, E	D	Cemented to 150 ft. Perforated. Gravel packed. Drawdown 20 ft pumping 20 gal/min when drilled. <u>1</u>
* 808	J. Benefield	Wolf Drilling Co.	1969	380	10	380	Kctm	950	--	--	S, E	D, S	--
* 809	James Reed	Morris Pollock	1967	354	7 4	56 354	Kctm	960	272	July 24, 1967	S, E 1 1/2	D	Cemented to 56 ft. Perforated from 310-350 ft. Gravel packed. Pump set at 322 ft. Reported 17 gal/min with 10 ft drawdown when drilled. <u>1</u>
* 810	Jesse Martin	--	--	27	30	--	Kcpa	960	17.8	Nov. 2, 1977	N	N	--
* 811	Lewis Allen	Wolf Drilling Co.	1975	400	4	400	Kctm	1,015	--	--	S, E	D, S	Cemented to bottom. <u>1</u>
* 812	Forrest Carter	Julian Water Well Service	1974	375	4	375	Kctm	950	290	Aug. 12, 1974	S, E	D, S	Cemented from 250-375 ft. Perforated from 325-375 ft. Gravel packed. Drawdown 20 ft pumping 12 gal/min when drilled. <u>1</u>
901	Tarrant Utility Co.	Henry C. Millican	1972	430	13 10 7	46 326 430	Kctm	870	240	June 30, 1972	S, E 10	P	Cemented to 326 ft. Screened from 326-372; 392-407; and 414-421 ft. Pumping level 336 ft at 125 gal/min on June 30, 1972. <u>1</u>
* 902	Western Resort Properties	Watts Drilling Co.	1971	320	4	320	Kctm	775	160	May 14, 1971	S, E	P	Cemented to 260 ft. Slotted. Pump set at 292 ft. Reported yield 35 gal/min. Temp. 74°F. <u>1</u>
903	Southwest Water Co.	Wolf Drilling	1970	317	5	317	Kctm	760	200	July 20, 1970	S, E 7 1/2	P	Cemented to 117 ft. Perforated from 300-317 ft. Pumping level 290 ft at 25 gal/min on July 20, 1970. <u>1</u>
904	Western Resort Properties	Watts Drilling Co.	1973	365	8	310	Kctm	782	195	Dec. 1973	S, E 7 1/2	P	Cemented to 250 ft. Slotted from 260-310 ft. Pump set at 283 ft. Pumping level 270 ft at 60 gal/min in Dec. 1973. <u>1</u>
905	Tarrant Utility Co.	Millican Well Service	1977	265	10 7	145 265	Kctm	710	143 133.4	Aug. 2, 1977 Jan. 9, 1978	S, E	P	Cemented to 145 ft. Perforated from 145-169 and 179-232 ft. Gravel packed. Pump set at 220 ft. Drawdown 72 ft pumping 60 gal/min on Aug. 2, 1977. <u>1</u>
* 35-101	Ed Lawrence	A. L. Rogers Water Well Drilling	1954	384	7	384	Kctm	825	172	1954	T, E 20	Ind	Reported yield 192 gal/min. Measured yield 150 gal/min on Aug. 21, 1976. Temp. 72°F.
* 102	A. V. Almy	do	1951	329	6	299	Kctm	810	195	Aug. 1956	T, E 1 1/2	D, S	--
103	J. C. Terrell	Morris Pollock and Sons Drilling Co.	1958	335	4	335	Kctm	830	--	--	C, E 1	D	Pump set at 273 ft.

See footnotes at end of table.

## HOOD COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land surface datum (ft)	Date of measurement			
*LY-32-35-104	G. H. Chase	--	1963	292	6	--	Kctm	825	241.1	June 24, 1971	S, E	D	Pump set at 256 ft.
105	Granbury Land Co.	Wolf Drilling	1973	485	8	425	Kctm	845	--	--	S, E 20	P	Slotted. Reported yield 202 gal/min. <u>1</u>
* 106	Lewis Byers	Watts Drilling Co.	1969	380	4	380	Kctm	818	250	Sept. 1969	S, E 15	Ind	Cemented to 350 ft. Slotted from 340-375 ft. Pump set at 305 ft. Reported yield 10 gal/min. Temp. 86°F. <u>1</u>
107	Jean Davis	Wolf Drilling	1973	445	8	445	Kctm	848	311.2	Oct. 1, 1974	S, E 20	Irr	<u>1</u>
* 108	do	do	1971	445	8	385	Kctm	835	--	--	S, E 20	Irr	Perforated from 340-385 ft and open hole from 385-445 ft. Pump set at 373 ft. Measured yield 139 gal/min on July 28, 1976. Temp. 73°F. <u>1</u>
* 109	do	do	1971	405	4	405	Kctm	845	250	Oct. 1971	S, E 3	D	Slotted from 380-405 ft. <u>1</u>
* 110	Sands Butane Co.	Littrell Drilling Co.	1975	380	4	380	Kctm	824	240	Apr. 1, 1975	S, E 1 1/2	Ind	Cemented to 100 ft. Perforated from 340-380 ft. Gravel packed. <u>1</u>
111	Gran-Tex Land and Cattle Co.	Watts Drilling Co.	1977	390	4	390	Kctm	828	285	Feb. 25, 1977	S, E 1 1/2	Ind	Slotted from 308-387 ft. Pump set at 336 ft. <u>1</u>
401	Rancho Brazos Development Co.	Jones Drilling Co.	1969	387	4	387	Kctm	832	207	Oct. 8, 1969	S, E	P	Slotted from 365-385 ft. Pump set at 294 ft.
* 402	El Brazos Apartments	Watts Drilling Co.	1969	312	6	312	Kctm	750	170	Oct. 1969	S, E 5	P	Cemented to 285 ft. Slotted from 290-307 ft. Pump set at 231 ft. Reported yield 40 gal/min. Temp. 78°F. <u>1</u>
* 403	Boy Scouts of America	C. M. Stoner Drilling Co.	1964	397	6	397	Kctm	788	250	Dec. 24, 1964	S, E 5	P	Cemented to 397 ft. Gun perforated from 305-348 ft. Pump set at 298 ft. Temp. 84°F. <u>1</u>
404	L. E. Massengale	John Whiteside	1970	324	4	324	Kctm	800	186	Feb. 5, 1970	S, E	D	Cemented to 290 ft. Slotted from 290-323 ft. Pump set at 256 ft. Pumping level 222 ft at 12 gal/min on Feb. 5, 1970. <u>1</u>
* 405	R. E. Stephens	Wolf Drilling	1972	515	4	290	Kctm	740	--	--	S, E 1 1/2	Ind	Cemented from 190-210 ft. Slotted from 270-290 ft and open hole from 290-515 ft. <u>1</u>
406	Community Water Co.	do	1969	350	5	350	Kctm	813	248.3	Feb. 25, 1975	S, E 1 1/2	P	<u>1</u>
* 501	Tarrant Utility Co.	Henry C. Millican	1968	395	10 5	315 395	Kctm	720	149	May 15, 1968	S, E	P	Cemented to 315 ft. Screened from 315-365 and 370-376 ft. Gravel packed and underreamed. Pump set at 320 ft. Pumping level 213 ft at 200 gal/min on May 15, 1968. Measured yield 202 gal/min on Aug. 16, 1974. Temp. 73°F. <u>1</u>
* 502	Community Water Co.	D. G. Shelton Well Service	1974	330	4	330	Kctm	765	190 194.1	Mar. 22, 1974 Feb. 25, 1975	S, E	P	Cemented to 230 ft. Slotted from 290-330 ft. <u>1</u>
503	Tarrant Utility Co.	Henry C. Millican	1975	379	10 7	321 379	Kctm	773	240	June 4, 1975	S, E 30	P	Cemented to 321 ft. Screened from 321-378 ft. Gravel packed. Drawdown 70 ft pumping 125 gal/min when drilled. <u>1</u>
* 601	C. T. Sharp	--	--	155	--	--	Kcpa	842	88.6 87.9	Oct. 11, 1960 June 24, 1971	C, E 3/4	D, S	<u>3</u>
701	Woody Oliver	--	--	250	4	--	Kctm	680	--	--	C, E 1 1/2	D, S	--

See footnotes at end of table.

## HOOD COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
LY-32-35-702	Jackson Heights Mobile Home Park	Julian Water Well Service	1973	342	4	342	Ketm	705	120	Aug. 6, 1973	S, E 3	P	Cemented to 60 ft. Perforated from 202-242; 262-282; and 302-342 ft. Pumping level 145 ft at 50 gal/min on Aug. 6, 1973. <u>y</u>
* 801	-- Henslee	--	--	Spring	--	--	Kegr	660	+	--	Flows	D, S	Temp. 71°F.
* 802	Texas Power and Light Co.	Layne-Texas Co.	1971	325	14 8	245 325	Ketm	700	125	Dec. 8, 1971	T, E 40	Ind	Cemented to 245 ft. Screened from 252-282; 288-298; and 302-312 ft. Gravel packed and underreamed. Pumping level 197 ft at 300 gal/min on Dec. 8, 1971. <u>y z</u>
* 803	do	do	1972	335	14 8	240 335	Ketm	700	129 142.4	Feb. 9, 1972 Aug. 16, 1974	T, E 40	Ind	Cemented to 240 ft. Screened from 250-300 ft. Gravel packed and underreamed. Pumping level 201 ft at 313 gal/min in Feb. 1972. <u>y z</u>
901	A. J. Purselley	L. R. Johnson	1952	457	4	457	Ketm	800	220	1952	J, E	D	--
902	R. A. Massey	--	1930	45	--	--	Kepa	715	25	1960	C, W	D, S	--
* 903	Camp El Tesoro	--	--	348	--	--	Ketm	--	--	--	T, E	P	--
904	Tarrant Utility Co.	Millican Well Service	1977	413	10 7	364 413	Ketm	710	241.3	Feb. 22, 1978	N	P	Cemented to 364 ft. Screened from 364-409 ft. Gravel packed. Drawdown 90 ft pumping 160 gal/min when drilled. Well not in use. <u>y</u>
41-101	P. W. Gage	-- Glynn	1955	108	4	108	Ketm	900	--	--	W	D, S	--
* 102	Stanley Allen	Measure Brothers	1965	140	7	140	Ketm	879	47.2 43.6	Oct. 25, 1965 Mar. 19, 1973	S, E 2	D, S Irr	Measured yield 46 gal/min. Temp. 70°F. <u>y z</u>
201	B. E. Wood	--	1945	45	36	--	Kepa	1,060	18.8	Sept. 29, 1960	W	D, S	--
* 301	Rufus Vest	--	--	285	--	--	Ketm	995	236.1 234.1	June 25, 1971 Nov. 2, 1976	C, E 1/2	D, S	<u>y</u>
402	Steve Griffith	Dowell Well Service	1976	180	8	180	Ketm	850	17 25.9	May 10, 1976 Feb. 22, 1978	S, E 15	Irr	Cemented to 20 ft. Slotted from 160-175 ft. Drawdown 50 ft pumping 200 gal/min when drilled. <u>y</u>
501	R. B. Caraway	--	--	Spring	--	--	Ketm	812	+	--	Flows	D, S	Floved 5 gal/min. Temp. 68°F.
601	J. H. Woods	J. H. Brazel	1905	260	5	260	Ketm	975	--	--	W	D, S	--
602	A. Heathington	-- Hendon	--	310	4	--	Ketm	975	--	--	W	D, S	--
801	F. A. Troutman	--	--	250	6	--	Ketm	828	15	1954	J, E 1/2	D	--
802	J. C. Manley	L. C. Johnson	1954	165	5	165	Ketm	828	35	Sept. 29, 1960	W	D, S	Perforated from 130-165 ft. Pump set at 70 ft.
803	H. L. Seale Ranch	C. M. Stonell Drilling Co.	1971	363	4	363	Ketm	929	--	--	S, E 1 1/2	D, S	Cemented to 363 ft. Gun perforated from 318-327 ft. Pump set at 253 ft. <u>y</u>
901	Paluxy Baptist Church	Morris Pollock and Sons Drilling Co.	1960	169	8	169	Ketm	770	--	--	T, E 3/4	D	--
42-101	J. R. Gauntt	L. R. Johnson	1953	331	4	331	Ketm	942	230	1953	J, E	D	Perforated from 291-331 ft. Pump set at 275 ft.
* 203	Elsie Holden	Morris Pollock and Sons Drilling Co.	1963	344	8 4	80 344	Ketm	950	--	--	S, E	D, S	Cemented to 80 ft. Pump set at 325 ft. Owner reported that water level has declined 40 ft since the well was drilled.
301	--	L. R. Johnson	1953	300	4	300	Ketm	863	210	1953	T, E	D	--

See footnotes at end of table.

## HOOD COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
LY-32-42-302	J. L. Wiggins	L. R. Johnson	1948	396	4	396	Kctm	880	229.1	Sept. 28, 1960	W	D, S	Perforated from 366-396 ft. Pump set at 233 ft.
* 303	A. J. Kiesling	Pete Molder	1968	350	4	350	Kctm	843	233.7 263.3	June 24, 1971 Nov. 2, 1976	N	N	<u>3</u>
401	J. T. Parker	L. R. Johnson	1953	352	7 4	59 352	Kctm	970	255	1953	T, E 1/2	D	--
402	T. W. Couch	do	1951	335	4	--	Kctm	990	240	1951	--	D	--
* 403	A. L. Hurley	Jones Drilling Co.	1956	355	4	355	Kctm	1,035	294.3 296.0	June 24, 1971 Nov. 2, 1976	S, E 1 1/2	D	Perforated from 347-355 ft. Pump set at 330 ft. <u>1</u> <u>3</u>
502	J. C. Ice	Morris Pollock and Sons Drilling Co.	1969	352	7 4	47 352	Kctm	900	212	June 14, 1969	S, E 1 1/2	D	Cemented to 47 ft. Perforated from 317-352 ft. Pump set at 310 ft. <u>1</u>
43-101	J. J. Purselley	do	1955	335	4	335	Kctm	815	--	--	T, E	D, S	--
* 103	V. D. Wheeler	Watts Drilling Co.	1970	360	4	360	Kctm	837	216.3 240.1	June 24, 1971 Nov. 2, 1976	S, E 1 1/2	D	Cemented to 320 ft. Slotted from 320-360 ft. Pump set at 294 ft. Reported yield 12 gal/min. <u>1</u> <u>3</u>
104	David Wheeler	Wolf Drilling	1972	500	10	500	Kctm	812	--	--	T, G 100	Irr	Slotted from 305-335; 370-400; and 470-500 ft.
* 105	Community Water Co.	McKee Drilling Co.	1973	376	7	376	Kctm	770	--	--	S, E	P	Cemented to 376 ft. Gun perforated from 344-364 ft. Reported yield 80 gal/min. <u>2</u>
* 201	H. Zweifel	Russell Brothers	--	185	6	100	Kctm	1,171	30.5	Oct. 12, 1960	T, E 2 1/2	S	--
* 202	Tarrant Utility Co.	Henry C. Millican	1974	371	10 7	309 371	Kctm	738	175	May 16, 1974	S, E 30	P	Cemented to 309 ft. Screened from 309-365 ft. Gravel packed. Pumping level 254 ft at 250 gal/min when drilled. Temp. 73°F. <u>1</u>
* 49-201	H. L. Seale Ranch	C. M. Stoner Drilling Co.	1967	252	4	252	Kctm	818	45	June 23, 1967	S, E 1	D, S	Cemented to 252 ft. Gun perforated from 204-219 ft. Pump set at 105 ft. <u>1</u>

\* For chemical analyses of water, see Table 4.

1 Drillers' log in files of the Texas Department of Water Resources.2 Geophysical logs in files of the Texas Department of Water Resources.3 For water-level measurements, see Table 3.

# HOOD COUNTY

**Table 3.—Water Levels in Selected Wells**

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well LY-31-32-901</b>		<b>Well LY-32-27-402—Continued</b>		<b>Well LY-32-33-403</b>	
Owner: Herman D. Howard		Nov. 1, 1976	19.7	Owner: Dan Knauf	
1957	27	Nov. 21, 1977	20.1	June 25, 1971	10.0
Oct. 25, 1967	34.6	<b>Well LY-32-27-403</b>		Nov. 4, 1971	6.6
Mar. 27, 1969	28.6	Owner: Albert W. Hall		Nov. 15, 1972	8.4
Mar. 17, 1970	31.2	June 24, 1971	277.0	Nov. 7, 1973	2.2
Feb. 27, 1971	28.2	Nov. 3, 1971	276.3	Nov. 12, 1974	1.7
Mar. 4, 1971	28.3	Nov. 14, 1972	275.7	Nov. 3, 1975	6.4
Nov. 4, 1971	28.8	Nov. 8, 1973	277.6	<b>Well LY-32-34-614</b>	
Nov. 15, 1972	30.0	Nov. 12, 1974	295.6	Owner: City of Granbury	
Mar. 19, 1973	29.5	Nov. 3, 1975	296.6	Aug. 15, 1974	131.2
Nov. 7, 1973	30.7	Nov. 1, 1976	297.5	Nov. 4, 1975	138.6
Nov. 7, 1974	31.3	Nov. 21, 1977	304.2	Nov. 3, 1976	145.1
Nov. 3, 1975	29.5	<b>Well LY-32-28-704</b>		Nov. 21, 1977	131.4
Nov. 1, 1976	32.6	Owner: Hughie Long		<b>Well LY-32-34-803</b>	
Nov. 21, 1977	32.9	Oct. 5, 1960	265.8	Owner: C. G. Gilliam	
<b>Well LY-32-26-701</b>		Nov. 3, 1971	268.2	1960	50
Owner: O. P. Leonard		Nov. 14, 1972	266.6	June 24, 1971	66.2
June 23, 1971	49.8	Nov. 8, 1973	281.4	Nov. 3, 1971	67.6
Nov. 4, 1971	47.9	Nov. 12, 1974	281.9	Nov. 15, 1972	68.1
Nov. 15, 1972	49.2	Nov. 3, 1975	282.0	Nov. 8, 1973	67.4
Nov. 12, 1974	47.1	Nov. 1, 1976	266.7	Nov. 12, 1974	66.7
Nov. 3, 1975	47.2	Nov. 21, 1977	273.0	Nov. 4, 1975	66.8
Nov. 2, 1976	44.5	<b>Well LY-32-33-402</b>		Nov. 2, 1976	66.9
<b>Well LY-32-27-402</b>		Owner: Dan Knauf		Nov. 22, 1977	68.1
Owner: Albert W. Hall		June 25, 1971	286.2	<b>Well LY-32-35-601</b>	
June 24, 1971	21.3	Nov. 4, 1971	278.7	Owner: C. T. Sharp	
Nov. 3, 1971	21.0	Nov. 15, 1972	276.0	Oct. 11, 1960	88.6
Nov. 14, 1972	20.7	Nov. 7, 1973	277.7	June 24, 1971	87.9
Nov. 8, 1973	21.1	Nov. 12, 1974	279.2	Nov. 3, 1971	86.6
Nov. 12, 1974	19.9	Nov. 3, 1975	281.3	Nov. 14, 1972	86.2
Nov. 3, 1975	19.5				

# HOOD COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well LY-32-35-601—Continued</b>		<b>Well LY-32-41-102—Continued</b>		<b>Well LY-32-42-403</b>	
Nov. 8, 1973	86.4	Nov. 3, 1975	44.6	Owner: A. L. Hurley	
Nov. 4, 1975	84.5	Nov. 21, 1977	46.1	June 24, 1971	294.3
Nov. 3, 1976	84.4	<b>Well LY-32-41-301</b>		Nov. 3, 1971	291.2
<b>Well LY-32-41-102</b>		Owner: Rufus Vest		June 13, 1973	290.8
Owner: Stanley Allen		June 25, 1971	236.1	Nov. 7, 1973	292.4
Oct. 25, 1965	47.2	Nov. 3, 1971	231.5	Nov. 12, 1974	294.3
Apr. 4, 1966	44.3	Nov. 15, 1972	234.1	Nov. 4, 1975	295.5
Mar. 15, 1967	46.0	Nov. 4, 1975	233.6	Nov. 2, 1976	296.0
Mar. 28, 1968	44.2	Nov. 2, 1976	234.1	Nov. 21, 1977	302.1
Mar. 27, 1969	45.5	Nov. 21, 1977	238.2	<b>Well LY-32-43-103</b>	
Mar. 17, 1970	48.1	<b>Well LY-32-42-303</b>		Owner: V. D. Wheeler	
Feb. 27, 1971	44.8	Owner: A. J. Kiesling		June 24, 1971	216.3
Mar. 4, 1971	43.8	June 24, 1971	233.7	Nov. 3, 1971	218.1
Nov. 4, 1971	44.4	Nov. 3, 1971	229.4	Nov. 15, 1972	223.7
Nov. 15, 1972	43.4	June 13, 1973	235.2	Nov. 8, 1973	226.1
Mar. 19, 1973	43.6	Nov. 8, 1973	240.8	Nov. 12, 1974	237.8
Nov. 7, 1973	43.9	Nov. 12, 1974	252.5	Nov. 4, 1975	247.4
Feb. 24, 1974	44.6	Nov. 4, 1975	257.1	Nov. 2, 1976	240.1
Nov. 12, 1974	44.0	Nov. 2, 1976	263.3	Nov. 12, 1977	241.2
		Nov. 21, 1977	264.1		

## HOOD COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit. Kcpa, Paluxy Formation, Kgna, Nacatoch Sand, Kgw, Woodbine Group, Tm, Midway Group.

Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids. Analyses by Texas Department of Health.

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
LY-31-32-901	Kctm	46	Nov. 14, 1945	16	0.1	117	16	12	4.4	357	23	25	0.4	45.0	--	434	358	767	7.0	7	0.2	0.0
901	Kctm	46	May 15, 1960	0	.3	146	23	30	--	291	33	55	.4	162.0	--	595	460	1,072	7.0	12	.6	.0
901	Kctm	46	Apr. 25, 1963	--	--	100	13	14	--	240	13	6	.3	30.0	--	294	302	675	7.3	9	.3	.0
901	Kctm	46	May 9, 1966	--	--	109	16	24	--	346	26	23	.5	44.0	--	412	337	784	7.4	13	.5	.0
901	Kctm	46	Nov. 7, 1973	6	--	86	16	24	--	310	27	34	.7	< .4	--	346	280	603	7.9	16	.6	.0
901	Kctm	46	July 13, 1976	16	--	111	12	20	--	353	24	26	.4	23.0	--	405	329	660	7.4	12	.4	.0
32-25-701	Kcpa	80	June 23, 1971	16	--	125	22	17	--	397	22	46	.2	20.0	--	463	403	750	7.4	8	.3	.0
701	Kcpa	80	July 13, 1976	14	--	131	21	19	--	400	21	61	.3	21.0	--	484	417	813	7.5	9	.4	.0
26-701	Kctm	80	June 23, 1971	14	--	88	15	14	--	325	30	9	.3	< .4	--	330	284	539	7.3	10	.3	.0
703	Kctm	150	Dec. 9, 1974	--	--	102	21	20	3.0	395	44	14	.3	< .4	--	400	341	750	7.6	11	.4	.0
801	Kctm	170	Oct. 5, 1960	17	--	67	9	59	2.1	328	36	20	--	1.8	0.2	373	206	613	6.9	38	1.7	1.2
803	Kctm	200	Mar. 15, 1975	--	.1	2	1	229	--	440	62	47	1.0	1.6	.1	560	9	1,015	8.6	98	33.0	7.0
803	Kctm	200	Aug. 25, 1975	12	--	6	1	229	--	459	63	45	1.0	< .4	--	583	17	935	8.5	96	22.8	7.1
902	Kctm	420	July 28, 1976	11	--	4	1	239	--	540	37	15	.8	1.6	--	574	9	932	8.8	97	27.7	8.5
903	Kctm	425	Aug. 23, 1976	12	--	2	1	236	--	550	29	19	.8	< .4	--	570	7	921	8.6	98	34.0	8.8
27-402	Kcpa	75	June 24, 1971	16	--	142	7	35	--	344	56	64	.3	32.0	--	521	384	850	7.3	16	.7	.0
402	Kcpa	75	July 13, 1976	17	--	152	6	44	--	357	57	65	.2	69.0	--	585	404	905	7.5	19	.9	.0
403	Kctm	358	June 24, 1971	14	--	2	2	240	--	550	44	11	.9	< .4	--	584	11	900	8.6	98	28.7	8.7
704	Kctm	387	Sept. 27, 1974	8	--	5	1	274	2.0	590	103	22	2.4	2.2	--	709	20	1,125	8.2	97	29.2	9.3
704	Kctm	387	July 13, 1976	11	--	5	1	230	--	570	17	22	.9	< .4	.7	568	13	905	8.5	97	24.5	9.0
705	Kctm	408	Sept. 26, 1974	10	--	3	1	224	2.0	427	94	43	.9	1.2	--	589	10	940	8.4	97	28.6	6.7
28-704	Kcpa	353	Oct. 5, 1960	17	2.6	68	14	33	--	296	37	12	.2	.0	--	352	227	550	6.9	24	.9	.3
704	Kcpa	353	June 22, 1971	21	--	73	15	27	--	301	39	10	.3	< .4	--	333	243	498	7.6	19	.7	.0
704	Kcpa	353	July 13, 1976	18	--	75	14	29	--	303	41	12	.2	.5	--	338	244	536	7.9	20	.8	.0
33-402	Kctm	380	June 25, 1971	16	--	69	35	67	--	384	96	37	.4	< .4	--	509	316	802	7.4	32	1.6	.0
403	Kcpa	25	do	21	--	157	23	22	--	447	74	55	.5	< .4	--	572	487	894	7.3	9	.4	.0
403	Kcpa	25	July 13, 1976	17	--	86	6	10	--	256	20	23	.4	.5	--	288	242	485	7.5	8	.2	.0
802	Kctm	297	Nov. 13, 1967	--	2.0	54	35	39	--	375	38	16	.4	< .4	--	367	280	728	7.7	23	1.0	.5
803	Kctm	310	June 6, 1959	--	.8	50	31	57	--	408	16	19	.2	< .4	--	375	255	710	7.2	33	1.5	1.6



## HOOD COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
LY-32-33-803	Kctm	310	Nov. 13, 1967	--	0.1	54	33	42	--	370	40	15	0.5	< 0.4	--	366	273	720	7.6	25	1.1	0.6
805	Kctm	535	June 6, 1964	--	.4	55	28	55	--	368	40	19	.4	< .4	--	379	252	764	7.6	32	1.5	.9
805	Kctm	535	Nov. 11, 1967	--	.2	51	32	54	--	371	40	21	.3	< .4	--	381	258	--	7.6	31	1.4	.9
805	Kctm	535	Aug. 19, 1974	14	--	36	34	42	--	325	34	17	.3	1.9	--	339	230	574	8.2	28	1.2	.7
805	Kctm	535	July 13, 1976	13	--	59	33	40	--	387	32	17	.3	.6	--	385	283	641	7.8	24	1.0	.6
806	Kctm	500	Aug. 19, 1974	14	--	46	27	78	4.0	365	44	38	.4	2.3	0.4	433	224	705	7.9	42	2.2	1.4
902	Kctm	405	Oct. 2, 1974	16	--	52	26	65	--	381	44	22	.4	1.9	--	414	237	670	7.9	37	1.8	1.5
34-101	Kctm	120	June 23, 1971	14	--	93	12	12	--	333	11	10	.3	6.0	--	322	280	522	7.3	8	.3	.0
102	Kctm	115	Aug. 20, 1974	11	--	81	11	9	--	276	14	16	.3	< .4	--	278	247	480	7.8	7	.2	.0
103	Kctm	132	do	12	.1	86	10	10	2.0	289	15	15	.3	< .4	.2	293	257	490	7.8	8	.2	.0
105	Kctm	--	Aug. 30, 1974	14	.1	53	26	39	4.0	351	22	12	.3	2.3	.3	345	239	571	7.9	26	1.0	.9
107	Kctm	206	do	14	--	45	24	52	5.0	339	24	16	.5	5.7	.3	353	211	585	8.1	34	1.5	1.3
110	Kctm	105	Sept. 17, 1974	14	--	130	12	35	--	417	34	47	.2	11.0	--	488	373	790	7.6	17	.7	.0
110	Kctm	105	July 13, 1976	14	--	119	10	14	--	381	25	25	.2	6.0	--	400	339	658	7.5	8	.3	.0
112	Kctm	122	July 28, 1976	12	--	75	11	8	--	260	19	12	.2	< .4	.1	265	232	451	7.7	7	.2	.0
203	Kctm	190	Sept. 16, 1974	14	.9	44	22	57	4.0	357	13	16	.4	3.9	.3	351	201	588	7.8	38	1.7	1.8
301	Kctm	155	Aug. 21, 1974	10	--	5	3	213	1.0	406	88	44	.7	1.7	.4	566	25	920	8.1	95	18.6	6.1
302	Kctm	188	Sept. 11, 1974	--	.0	39	5	157	--	381	75	51	.7	5.9	--	521	121	973	8.0	74	6.2	3.8
501	Kctm	202	June 6, 1956	--	3.6	26	13	118	--	340	47	39	.5	< .4	--	414	122	--	8.0	68	4.7	3.2
502	Kctm	186	Aug. 8, 1956	--	.1	31	16	120	--	398	31	32	.5	< .4	--	426	144	--	7.5	64	4.3	3.6
502	Kctm	186	Aug. 15, 1974	13	--	84	17	23	2.0	317	35	20	.4	1.0	--	351	278	580	7.7	15	.5	.0
504	Kctm	200	Aug. 16, 1974	13	--	33	14	111	--	364	30	26	.5	6.0	--	412	140	668	8.0	63	4.0	3.1
505	Kctm	260	Aug. 19, 1974	14	--	37	22	96	5.0	393	24	39	.4	4.7	.3	435	184	710	7.9	52	3.0	2.7
507	Kctm	270	Aug. 21, 1974	13	--	40	24	81	5.0	373	47	23	.4	5.7	.3	422	199	690	8.3	46	2.5	2.1
508	Kctm	270	Nov. 6, 1974	--	.1	43	22	83	6.0	357	42	24	.6	5.9	--	403	199	810	8.5	47	2.5	1.8
513	Kctm	225	do	--	--	43	19	93	6.0	378	41	28	.4	4.9	--	415	185	774	8.2	51	2.9	2.4
601	Kctm	175	Mar. 3, 1951	11	.1	6	2	204	--	413	69	39	.3	.0	--	534	23	--	8.9	95	18.4	6.3
601	Kctm	175	Apr. 14, 1956	--	1.2	20	6	141	--	360	40	32	.3	1.6	--	419	75	--	8.2	80	7.1	4.4
602	Kctm	225	May 5, 1956	--	.1	3	1	204	--	420	47	43	.4	< .4	--	505	9	--	8.4	97	26.0	6.6
602	Kctm	225	Aug. 15, 1974	5	--	6	4	185	--	403	52	29	.5	.8	--	480	31	779	8.0	93	14.3	5.9
603	Kctm	200	May 5, 1956	--	.2	4	1	207	--	383	85	43	.6	< .4	--	529	12	--	8.0	97	23.9	5.9
604	Kctm	205	June 6, 1956	--	.0	3	1	224	--	416	93	43	.5	1.6	--	570	9	--	8.6	98	28.6	6.5
605	Kctm	685	July 22, 1939	102	1.4	9	5	283	--	423	162	103	.6	< .4	--	874	42	--	8.9	93	18.7	6.0

## HOOD COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft.)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
LY-32-34-605	Kctm	685	Aug. 13, 1942	--	--	2	0	216	--	350	84	41	--	--	--	515	10	--	--	99	42.0	5.6
605	Kctm	685	Mar. 3, 1951	12	0.1	7	3	201	--	376	82	36	0.4	0.0	--	526	30	--	8.8	94	16.0	5.5
605	Kctm	685	Apr. 14, 1956	--	1.2	3	1	194	--	372	76	36	.6	< .4	--	495	12	--	8.6	97	24.7	5.8
606	Kctm	175	Mar. 3, 1949	10	--	1	0	192	14.0	352	50	30	.6	--	0.5	471	7	816	8.6	95	52.8	5.7
606	Kctm	175	Mar. 3, 1951	11	--	7	2	197	--	441	61	32	.2	.0	--	527	26	--	8.4	94	16.9	6.7
606	Kctm	175	Apr. 14, 1956	--	.2	3	1	200	--	431	45	36	.4	< .4	--	497	8	--	8.3	97	25.5	6.8
607	Kctm	175	Mar. 3, 1951	11	.1	7	2	202	--	415	71	39	.1	2.2	--	538	26	--	8.5	94	17.3	6.2
607	Kctm	175	Apr. 14, 1956	--	.6	3	1	198	--	381	70	39	.4	1.8	--	501	12	--	8.3	97	25.2	6.0
607	Kctm	175	Aug. 15, 1974	5	.3	5	3	197	2.0	434	36	36	.4	18.0	--	516	26	833	7.8	94	17.2	6.6
608	Kctm	160	Feb. 28, 1938	11	.1	3	2	208	--	403	78	37	.1	.3	--	537	15	--	8.8	97	22.8	6.2
609	Kctm	250	July 18, 1968	--	.1	3	1	203	--	379	88	30	1.6	.1	--	513	12	900	8.7	97	25.9	5.9
609	Kctm	250	Aug. 15, 1974	9	--	9	2	196	1.0	406	83	30	.7	< .4	.3	531	31	841	8.1	93	15.3	6.0
609	Kctm	250	July 13, 1976	11	--	3	1	198	--	371	85	27	.5	1.8	--	509	10	811	8.6	97	25.2	5.8
610	Kctm	256	Aug. 16, 1968	--	.1	3	1	206	--	390	83	32	.3	.1	--	517	12	770	8.7	97	26.3	6.1
611	Kctm	300	Sept. 16, 1968	--	.1	3	2	207	--	407	83	33	.7	.0	--	528	14	790	8.9	97	22.7	6.3
611	Kctm	300	Aug. 15, 1974	9	--	4	3	197	1.0	399	78	30	.7	< .4	--	519	24	836	7.9	95	18.1	6.0
614	Kctm	225	do	9	--	2	4	197	--	421	45	32	.6	5.9	.3	502	22	814	8.1	95	18.5	6.1
615	Kctm	379	Aug. 29, 1974	10	.2	3	1	194	2.0	389	84	27	.6	< .4	.5	513	12	825	7.8	97	24.7	6.1
616	Kctm	185	Sept. 18, 1974	14	--	109	27	88	--	383	111	109	.4	1.3	--	648	383	1,030	7.8	33	1.9	.0
617	Kctm	176	do	12	--	49	15	150	--	386	155	26	.5	1.3	--	598	184	940	7.8	64	4.8	2.6
803	Kepa	130	June 24, 1971	10	--	97	4	7	--	278	18	10	.2	5.9	--	288	257	476	7.6	6	.1	.0
803	Kepa	130	July 13, 1976	11	--	111	2	9	--	317	13	10	.2	15.0	--	327	285	539	7.7	6	.2	.0
804	Kctm	417	July 5, 1977	14	.1	22	9	125	--	354	37	26	.2	5.1	--	412	92	684	8.5	75	5.6	3.9
806	Kepa	44	Nov. 1, 1977	23	--	284	18	136	--	466	120	339	.1	88.0	--	1,237	784	1,950	8.0	27	2.1	.0
807	Kctm	365	do	14	--	22	7	128	--	346	39	23	.3	2.6	--	406	84	642	8.2	77	6.0	3.9
808	Kctm	380	Nov. 2, 1977	21	--	166	30	83	--	481	73	170	.2	< .4	--	780	540	1,260	7.4	25	1.5	.0
809	Kctm	350	do	14	--	27	14	120	--	336	52	45	.4	2.7	--	440	124	714	8.3	68	4.6	3.0
810	Kepa	27	do	29	--	568	7	213	--	405	882	468	.3	< .4	--	2,366	1,447	2,990	7.3	24	2.4	.0
811	Kctm	400	do	17	--	188	7	51	--	422	51	135	.1	14.0	--	670	499	1,109	7.4	18	.9	.0
812	Kctm	375	do	10	--	11	4	168	--	254	52	93	.8	.5	--	464	45	786	8.5	89	11.0	3.2
902	Kctm	320	Sept. 17, 1974	10	.2	5	5	230	2.0	455	4	121	1.3	< .4	.8	603	33	1,014	8.0	93	17.4	6.7
35-101	Kctm	384	Aug. 24, 1976	12	--	5	2	276	--	510	136	24	3.1	1.2	--	710	22	1,147	8.8	97	26.3	7.9
102	Kctm	329	Aug. 26, 1956	12	--	1	0	233	--	395	84	50	.7	.2	--	575	6	979	8.8	99	64.1	6.4

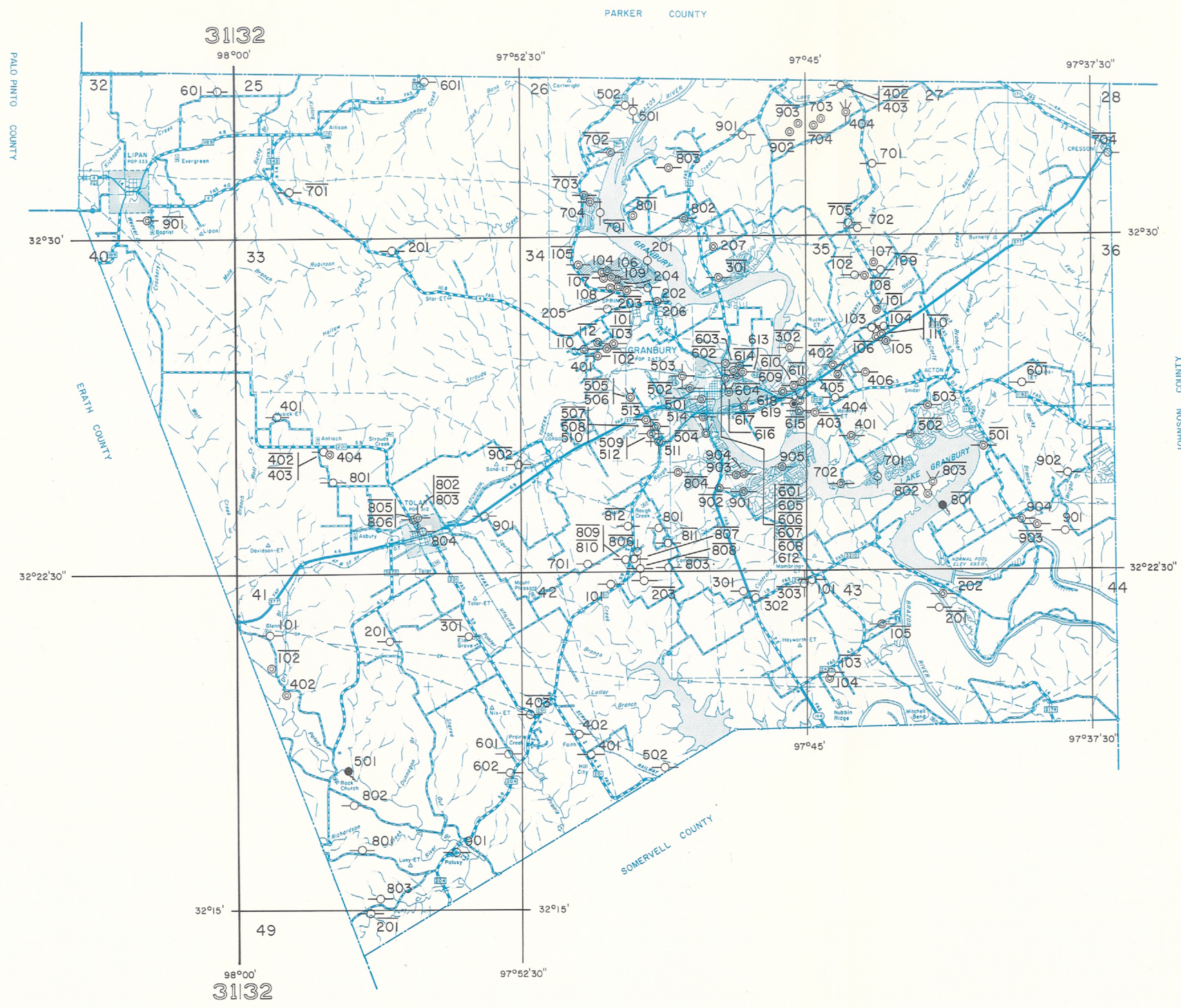
## HOOD COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

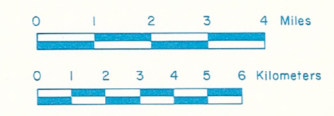
Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
LY-32-35-104	Kctm	292	June 24, 1971	11	--	5	5	276	--	540	165	21	3.1	< 0.4	--	752	34	1,123	8.1	95	20.8	8.1
106	Kctm	380	Aug. 20, 1974	10	--	3	1	212	1.0	411	83	39	.7	1.0	0.4	553	10	885	8.2	97	27.0	6.5
108	Kctm	445	Sept. 26, 1974	10	--	2	1	218	--	417	96	38	.8	< .4	--	571	8	848	8.2	98	31.4	6.6
109	Kctm	405	Oct. 1, 1974	9	0.1	3	2	269	1.0	550	108	23	3.2	< .4	.8	689	14	1,085	8.1	97	29.5	8.7
110	Kctm	380	July 5, 1977	27	1.7	192	28	258	--	530	339	258	1.7	< .4	--	1,366	600	1,960	7.9	48	4.6	.0
402	Kctm	312	Aug. 21, 1974	10	--	4	2	206	1.0	410	83	35	.7	< .4	.4	544	19	870	7.9	96	21.0	6.3
403	Kctm	397	do	10	--	4	1	196	1.0	395	84	29	.7	1.5	.4	521	15	836	7.9	96	22.7	6.1
405	Kctm	515	Sept. 26, 1974	10	--	3	2	235	2.0	414	86	68	.9	1.9	--	612	17	1,000	8.6	96	25.7	6.4
501	Kctm	395	Aug. 16, 1974	10	--	6	2	206	1.0	418	76	34	.4	< .4	.3	541	24	861	8.1	95	18.6	6.3
501	Kctm	395	July 14, 1976	11	--	3	1	210	--	398	77	32	.5	< .4	--	530	9	849	8.6	98	26.8	6.2
502	Kctm	330	Sept. 11, 1974	--	.1	2	1	207	--	373	84	32	.8	2.1	--	512	8	952	8.8	98	29.8	5.9
601	Kcpa	155	Oct. 11, 1960	16	--	89	5	8	1.1	294	13	6	.2	--	--	282	245	493	6.6	7	.2	.0
601	Kcpa	155	June 24, 1971	16	--	91	7	7	--	298	15	5	.3	< .4	--	288	255	470	7.7	6	.1	.0
601	Kcpa	155	July 14, 1976	17	--	93	6	8	--	300	18	7	.2	< .4	--	297	257	481	7.8	6	.2	.0
801	Kegr	Spring	Oct. 6, 1960	33	--	134	18	60	--	458	39	81	.2	11.0	--	601	408	1,020	6.9	24	1.2	.0
802	Kctm	325	Nov. 15, 1971	10	.2	3	1	207	--	410	80	28	.6	.6	--	532	11	--	8.3	97	26.4	6.4
803	Kctm	335	Feb. 14, 1972	10	.1	2	1	205	--	404	76	28	.6	.7	--	522	7	850	8.7	98	29.5	6.4
803	Kctm	335	Aug. 16, 1974	9	--	3	3	195	1.0	393	77	27	.6	< .4	--	509	19	814	7.9	95	19.0	6.0
903	Kctm	400	Feb. 7, 1977	--	1.0	2	1	204	--	359	93	30	.6	< .4	--	517	9	931	8.9	98	29.4	5.7
41-102	Kctm	140	Nov. 15, 1972	13	--	81	25	10	--	333	27	10	.4	1.5	.2	331	304	557	7.4	7	.2	.0
102	Kctm	140	July 13, 1976	14	--	107	23	15	--	326	92	26	.3	< .4	--	437	363	695	7.6	8	.3	.0
301	Kctm	285	June 25, 1971	15	--	55	31	50	--	362	45	18	.3	1.0	--	393	263	632	7.7	29	1.3	.6
42-203	Kctm	344	Nov. 2, 1977	11	--	15	6	148	--	334	47	32	.7	< .4	--	424	63	697	8.6	84	8.1	4.2
303	Kctm	350	June 24, 1971	10	--	2	2	177	--	422	21	20	.4	< .4	--	440	12	705	8.2	97	21.1	6.6
403	Kctm	355	do	15	--	38	25	63	--	329	40	14	.3	1.7	--	358	198	572	7.7	41	1.9	1.4
403	Kctm	355	July 13, 1976	14	--	39	20	68	6.0	332	44	15	.3	3.9	--	373	181	595	7.5	44	2.2	1.8
43-103	Kctm	360	June 24, 1971	13	--	6	5	150	--	394	22	13	.3	< .4	--	403	37	624	7.9	90	10.9	5.7
103	Kctm	360	Nov. 4, 1975	13	--	6	6	155	--	355	20	16	.4	1.0	--	391	40	685	8.9	89	10.7	5.0
105	Kctm	376	Sept. 11, 1974	--	.0	3	2	179	--	364	58	3	.6	3.1	--	427	14	840	8.5	96	19.6	5.6
201	Kctm	185	Oct. 12, 1960	9	.5	3	1	202	--	394	85	28	--	1.8	--	524	14	852	8.2	97	25.8	6.2
202	Kctm	371	July 14, 1976	11	--	5	1	190	--	361	79	22	.5	< .4	--	486	15	797	8.8	96	20.2	5.5
49-201	Kctm	252	Oct. 1, 1974	13	--	62	32	37	--	333	33	49	.5	< .4	--	390	286	675	7.9	22	.9	.0
201	Kctm	252	July 13, 1976	16	--	65	29	39	--	332	34	47	.4	< .4	--	394	284	667	7.9	23	1.0	.0







- EXPLANATION**
- Public supply well
  - ⊕ Industrial well
  - ⊙ Irrigation well
  - Domestic or livestock well
  - ⊕ Oil or gas well
  - ⊙ Test hole
  - ⊕ Unused or abandoned well
  - Solid circle indicates flowing well
  - Spring
  - 201
  - Line above well number indicates chemical analysis given in Table 4



Base Map from Texas Department of Highways and Public Transportation

Location of Selected Water, Oil, and Gas Wells in Hood County



HUNT COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.

Water level : Reported water levels given in feet, measured water levels given to the nearest tenth of a foot.

Method of lift and type of power: A, airlift; C, cylinder; E, electric; G, gasoline, butane or diesel engine; H, hand; J, jet; N, none; S, submersible; T, turbine; W, windmill. Number indicates horsepower.

Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.

Water-bearing unit : Kcpa, Paluxy Formation; Kgna, Nacatoch Sand; Kgw, Woodbine Group; Tm, Midway Group.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*PH-17-41-901	City of Commerce	Tomlin --	1914	500	10 8	375 500	Kgna	550	125 190 225.9 280.9	1914 1918 Nov. 7, 1943 Jan. 29, 1953	T, E 60	N	Perforated from 374-412 ft. Reported yield 200 gal/min in 1961. Well will be plugged in near future. Drawdown 56.5 ft pumping 285 gal/min on Nov. 9, 1943.
* 902	do	Jones --	1923	580	12	580	Kgna	550	235 298.3 308.0 317.9	Feb. 6, 1939 Jan. 29, 1953 Aug. 11, 1960 Feb. 2, 1971	T, E 60	P	Perforated from 375-435 ft. Pump set at 400 ft. Measured yield 120 gal/min in 1975. Drawdown 70 ft pumping 285 gal/min in 1943. Temp. 77°F.
* 903	do	J. L. Myers Sons	1936	433	15 12 10	41 364 433	Kgna	550	210 255 269.5 308.0	1936 1949 Jan. 29, 1953 Jan. 17, 1961	N	N	Perforated from 368-408 ft. Reported yield 335 gal/min. <u>1</u>
* 904	do	J. W. Ritchie Drilling Co.	1949	468	--	--	Kgna	550	252	1949	T, E 60	P	Completed from 380-410 and 425-475 ft. Well to be abandoned. <u>1</u>
* 905	do	Layne-Texas Co.	1970	541	10 6	370 510	Kgna	525	332 272.5	Sept. 8, 1970 Feb. 2, 1971	T, E 25	P	Screened from 380-410 and 425-475 ft. Underreamed. Gravel packed. Measured yield 100 gal/min in 1975. Pumping level 353 ft at 30 gal/min when drilled. Temp. 75°F. <u>1</u> <u>2</u>
906	do	Kaye Drilling Co.	1962	710	--	--	Kgna	505	--	--	N	N	Test Hole. <u>1</u> <u>2</u>
49-202	East Texas State University	J. L. Myers Sons	1962	492	--	--	Kgna	525	--	--	N	N	Do.
303	do	do	1952	454	--	--	Kgna	528	193	Jan. 28, 1953	T, E 50	N	<u>2</u>
* 304	do	Layne-Texas Co.	1950	440	16 10	324 440	Kgna	532	--	--	T, E 50	N	Screened from 326-353 and 380-419 ft. Underreamed. <u>2</u>
* 305	City of Commerce	J. W. Ritchie Drilling Co.	1949	453	10 8	379 453	Kgna	535	227 219.7 304.0	Sept. 1, 1949 Jan. 29, 1953 Feb. 2, 1971	T, E 50	P	Slotted from 355-379 and perforated from 374-453 ft. Well to be abandoned. <u>1</u>
306	do	Kaye Drilling Co.	1962	542	--	--	Kgna	540	276	Oct. 26, 1962	T, E 60	P	Measured yield 150 gal/min in 1971. <u>1</u> <u>2</u>
307	do	J. L. Myers Sons	1963	756	--	--	Kgna	505	200	Dec. 1963	N	N	Test hole. <u>2</u>
* 310	East Texas State University	Layne-Texas Co.	1963	466	16 10	320 466	Kgna	512	229	July 15, 1963	T, E 50	P	Screened from 331-366 and 387-432 ft. Underreamed. Gravel packed. <u>1</u> <u>2</u>
* 311	do	Texas Water Wells, Inc.	1967	483	16 10	335 483	Kgna	510	299	July 1967	T, E 50	P	Screened from 338-359; 362-382; and 402-460 ft. Pumping level 372 ft at 150 gal/min when drilled. <u>1</u> <u>2</u>
312	do	J. L. Myers Sons	1962	485	--	--	Kgna	520	--	--	N	N	Test hole. <u>1</u> <u>2</u>
313	do	do	1962	485	--	--	Kgna	520	--	--	N	N	Do.
314	do	Texas Water Wells, Inc.	1967	409	--	--	Kgna	500	--	--	N	N	Test hole. <u>2</u>

HUNT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*PH-17-49-316	Maloy Water Supply Corporation	J. L. Myers Co.	1976	538	10 7	402 538	Kgna	--	299	Aug. 18, 1976	S, E	P	Cemented to 402 ft. Screened from 402-426 and 474-516 ft. Pump set at 453 ft. Drawdown 72 ft pumping 60 gal/min on Aug. 18, 1976. <u>1</u> <u>2</u>
" 504	Campbell Water Supply Corporation	Lanford Drilling Co.	1969	388	10 6	325 367	Kgna	561	204	July 1969	S, E 10	P	Cemented to 325 ft. Screened from 326-366 ft. Underreamed. Gravel packed. Pump set at 320 ft. Measured yield 95 gal/min. Pumping level 290 ft at 75 gal/min when drilled. Temp. 73°F. <u>1</u> <u>2</u>
505	do	Layne-Texas Co.	1961	--	--	--	--	580	--	--	T, E 75	P	--
" 703	W. E. Fredricks	--	1958	150	3	--	Tm	549	--	--	T, E 2	P	--
* 18-47-501	City of Celeste	Marks and Meadows	1937	1,880	8	--	Kgw	670	223 261	1940 Dec. 16, 1942	T, E 30	P	Reported yield 35 gal/min in 1942.
* 502	do	J. L. Myers Sons	1970	2,015	8 4	1,740 1,870	Kgw	670	442.0 451	May 20, 1971 Nov. 20, 1975	T, E 40	P	Screened from 1,755-1,860 ft. Underreamed. Gravel packed. Plugged from 1,870-2,015 ft. Pump set at 550 ft. Pumping level 290 ft at 75 gal/min when drilled. Temp. 73°F. <u>1</u> <u>2</u> <u>3</u>
* 601	Hickory Creek Water Supply Corporation	do	1966	2,318	8 4	2,225 2,318	Kgw	703	450	Dec. 22, 1966	S, E 40	P	Screened from 2,225-2,303 ft. Underreamed. Gravel packed. Pump set at 668 ft. Pumping level 489 ft at 180 gal/min when drilled; 488 ft on July 19, 1969; and 560.0 ft on Aug. 14, 1975. <u>1</u> <u>2</u>
48-201	Ne-Tex Coop Oil Mill	--	1900	3,300	8	--	Kepa	680	180 443.8	1940 Nov. 20, 1975	T, E 10	N	Abandoned industrial well since 1956. Reported salty. <u>3</u>
" 402	Webb Hill Country Club	J. L. Myers Sons	1968	2,388	7	2,388	Kgw	650	390	Oct. 21, 1968	S, E 25	Irr	Cemented to bottom. Gun perforated from 2,239-2,331 ft. Pump set at 602 ft. Reported yield 100 gal/min. Pumping level 447 ft at 125 gal/min when drilled and 452 ft at 128 gal/min on May 23, 1969. Temp. 84°F. <u>1</u> <u>2</u>
33-07-602	Taylor Water Co.	Miller Drilling Co.	1973	235	4	--	Kgna	490	--	--	S, E 3	P	--
603	do	do	1973	235	4	--	Kgna	500	--	--	S, E 3	P	--
701	do	do	1973	120	4	--	Kgna	490	--	--	S, E 3	P	--
702	do	Chambers and Phillips	1977	120	4	120	Kgna	490	--	--	S, E 3	P	Slotted from 96-120 ft. Sand packed. Pump set at 105 ft. <u>1</u>
* 902	Sabine River Authority	--	1947	412	6 4	-- --	Kgna	510	80	1947	S, E 5	P	Perforated. Gravel packed. Pump set at 270 ft. Reported yield 45 gal/min when drilled and measured yield 28 gal/min in 1975. Temp. 74°F.
903	do	--	1935	330	6	--	Kgna	510	--	--	S, E 5	N	Reported yield 35 gal/min.
904	do	--	1945	250	--	--	Tm	510	--	--	T, E 5	N	Reported yield 23 gal/min.
* 905	City of Quinlan	Chilcote	1910	157	6	157	Tm	510	100	Sept. 11, 1943	N	N	Perforated from 117-157 ft. Reported yield 18 gal/min. Plugged. Temp. 68°F.

See footnotes at end of table.

## HUNT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*PH-33-07-906	City of Quilisa	Day Drilling	1968	400	12 7	70 396	Kgna	510	90	Aug. 12, 1968	S, E 10	P	Cemented to 70 ft. Slotted from 70-396 ft. Gravel packed. Pump set at 350 ft. Measured yield 75 gal/min in 1975. Pumping level 195 ft at 90 gal/min when drilled. Temp. 72°F. <u>1</u> <u>2</u>
907	Taylor Water Co.	Boyd Drilling Co.	1972	400	4	340	Kgna	480	--	--	S, E 3	P	Gravel packed. Open hole from 340-400 ft.
908	do	do	1972	400	4	340	Kgna	495	--	--	S, E 3	P	Do.
08-403	Boles Orphan Home	--	1950	400	6	220	Kgna	462	--	--	T, E 3	N	Open hole completion.
* 404	do	--	1936	560	6	220	Kgna	462	--	--	T, E 5	N	Open hole completion. Reported yield 40 gal/min. Temp. 75°F.
* 701	Taylor Water Co.	Boyd Drilling Co.	1972	420	4	390	Kgna	476	--	--	S, E 3	P	Cemented to 390 ft with open hole completion. Gravel packed. Pump set at 275 ft. Drawdown 25 ft at 20 gal/min when drilled.
702	do	do	1972	430	4	400	Kgna	474	--	--	S, E 3	P	Cemented to 400 ft with open hole completion. Pump set at 338 ft. Drawdown 25 ft at 20 gal/min when drilled. <u>1</u>
703	do	do	1972	420	4	390	Kgna	475	--	--	S, E 3	P	Gravel packed. Open hole completion.
704	do	Chambers and Phillips	1976	406	5 2	355 406	Kgna	474	161	Aug. 16, 1976	S, E 5	P	Cemented to 355 ft. Screened from 381-401 ft. Sand packed. Pump set at 315 ft. <u>1</u>
15-301	do	Miller Drilling Co.	1973	620	4	--	Kgna	520	--	--	S, E 3	P	--
* 16-103	Mulberry Cove Water Supply Corporation	--	1964	480	6	--	Kgna	463	--	--	S, E	P	--
301	Texas Resort Properties, Inc.	Geyer Drilling Co.	1973	690	4 2	638 690	Kgna	501	--	--	N	N	Cemented to bottom. Slotted from 622-652 ft. Gravel packed. Drawdown 260 ft at 22 gal/min when drilled. Water salty. Plugged. <u>1</u> <u>2</u>
* 34-01-201	City of Lone Oak	Layne-Texas Co.	1925	524	6 4	470 524	Tm	555	143.0	June 17, 1955	T, E 15	P	Screened from 477-523 ft. Pump set at 300 ft. Reported yield 140 gal/min. Drawdown 81 ft pumping 90 gal/min on June 17, 1955. <u>1</u>

\* For chemical analyses of water, see Table 4.

1 Drillers' log in files of the Texas Department of Water Resources.2 Geophysical logs in files of the Texas Department of Water Resources.3 For water-level measurements, see Table 3.



# HUNT COUNTY

Table 2.—Selected Oil and Gas Tests

Logs in Texas Department of Water Resources files

Well	Operator	Lease and well	Date drilled	Depth (ft)	Approximate land surface elevation (ft)
PH-18-47-401	Westmount Oil Co.	J. Clark No. 1	Nov. 20, 1939	5,008	670
55-601	Humble Oil and Ref. Co.	Anderson No. 1	Mar. 25, 1944	6,271	599
63-201	do	J. A. Rutherford No. 1	Sept. 10, 1943	7,482	540
801	R. L. Peveto, et al.	O. B. Ingram No. 1	—	7,928	535
33-07-601	Leland Fikes	Spencer No. 1	—	9,356	522

# HUNT COUNTY

**Table 3.—Water Levels in Selected Wells**

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well PH-18-47-502</b>		<b>Well PH-18-47-502—Continued</b>		<b>Well PH-18-48-201—Continued</b>	
Owner: City of Celeste		Nov. 5, 1973	450.0	Nov. 11, 1971	443.8
Jan. 1971	427	Nov. 5, 1974	465 *	Nov. 16, 1972	434.3
May 20, 1971	442.0	Nov. 20, 1975	451	Nov. 8, 1973	436.7
Nov. 11, 1971	439.0	<b>Well PH-18-48-201</b>		Nov. 5, 1974	443.5
Mar. 23, 1972	470 *	Owner: Ne-Tex Coop Oil Mill		Nov. 20, 1975	443.8
Mar. 23, 1972	440	1940		Nov. 16, 1976	455.8
Nov. 14, 1972	446.0	May 20, 1971	431.7	Nov. 17, 1977	457.9

\* Pumping level

HUNT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kupa, Paluxy Formation, Kgna, Nacatoch Sand; Kgw, Woodbine Group; Tm, Midway Group.

Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids. Analyses by Texas Department of Health.

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
PH-17-41-901	Kgna	500	May 3, 1961	12	--	1	0	261	--	452	57	98	0.5	0.5	--	652	2	1,120	8.5	99	71.9	7.3
902	Kgna	580	Sept. 14, 1943	14	0.0	3	1	256	10.0	474	73	80	.5	.8	--	671	8	--	9.0	96	32.7	7.5
902	Kgna	580	Sept. 3, 1975	12	--	4	1	288	--	429	59	138	.5	< .4	--	713	10	1,200	8.5	98	33.3	6.7
903	Kgna	433	Sept. 14, 1943	10	.0	3	0	266	6.4	471	91	80	.3	.5	--	688	8	--	8.8	97	42.3	7.5
904	Kgna	468	Feb. 4, 1953	13	--	2	1	284	1.5	428	124	86	.3	4.0	--	726	--	--	8.6	98	40.9	6.8
905	Kgna	510	Sept. 3, 1975	12	--	5	1	229	--	471	72	33	.6	1.2	--	585	13	925	8.2	97	24.4	7.3
49-304	Kgna	440	Feb. 4, 1953	12	--	1	--	175	.9	318	45	19	.6	3.0	4.0	413	--	--	8.8	--	--	--
304	Kgna	440	Sept. 25, 1970	12	--	1	1	208	--	389	49	27	.4	2.5	--	492	8	849	9.1	98	35.2	6.2
305	Kgna	453	Feb. 4, 1953	12	--	1	--	185	.9	364	45	22	.7	.5	--	446	--	--	8.9	--	--	--
310	Kgna	466	July 16, 1963	14	.1	1	0	247	--	390	92	46	--	--	--	591	5	974	8.9	99	68.0	6.3
311	Kgna	483	Sept. 12, 1967	16	--	2	1	234	--	354	99	43	--	--	--	569	6	985	--	98	33.7	5.6
311	Kgna	483	Sept. 25, 1970	11	--	1	1	217	--	357	74	43	.4	2.5	--	525	7	909	9.1	99	36.7	5.7
316	Kgna	538	Aug. 18, 1976	--	.1	2	1	235	--	329	53	54	.7	.0	--	579	8	900	9.1	98	33.8	5.2
504	Kgna	388	July 25, 1969	--	.1	2	1	206	--	339	64	43	.1	2.5	--	485	6	820	8.9	98	29.7	5.3
504	Kgna	388	Sept. 9, 1975	12	--	2	1	214	--	366	84	42	.4	< .4	--	535	5	870	8.8	98	30.8	5.8
703	Tm	150	Mar. 8, 1960	--	.0	--	--	--	--	278	--	58	--	--	--	--	440	1,530	7.1	--	--	--
18-47-501	Kgw	1,880	Sept. 13, 1943	23	.1	3	1	326	18.0	501	170	105	1.6	2.2	--	896	10	--	8.1	95	41.6	7.9
501	Kgw	1,880	Nov. 18, 1953	24	.0	2	7	316	--	494	169	99	1.6	3.1	--	864	34	--	8.1	95	23.6	7.4
501	Kgw	1,880	Sept. 25, 1970	15	--	1	2	317	--	484	167	100	1.6	1.5	--	843	13	1,320	8.1	98	42.1	7.7
501	Kgw	1,880	July 23, 1976	15	.1	3	1	319	--	447	164	110	1.5	2.1	--	835	7	1,360	8.5	98	40.7	7.0
502	Kgw	1,870	Oct. 13, 1970	--	--	2	1	305	--	405	123	119	1.5	8.0	--	758	10	1,250	8.1	99	43.9	6.4
502	Kgw	1,870	May 20, 1971	14	--	3	1	319	--	466	168	106	1.6	1.3	--	843	13	1,300	7.6	98	40.7	7.4
601	Kgw	2,318	Dec. 23, 1966	--	.4	3	2	435	--	634	195	140	2.7	.6	--	1,115	13	1,600	8.9	98	47.7	10.0
601	Kgw	2,318	Dec. 13, 1976	--	--	2	1	452	--	670	171	160	3.4	2.9	--	1,135	12	2,080	8.5	99	65.1	10.7
48-402	Kgw	2,388	Sept. 9, 1975	14	--	3	1	470	--	690	165	187	3.0	< .4	--	1,182	8	1,850	8.2	99	60.0	11.0
33-07-902	Kgna	412	Oct. 8, 1975	15	--	59	4	255	--	449	165	135	.6	1.8	--	856	163	1,350	7.7	77	8.6	4.0
905	Tm	157	Sept. 11, 1943	16	4.2	60	4	161	5.0	383	111	63	.5	3.0	--	616	166	--	7.3	67	5.4	2.9
906	Kgna	400	Oct. 8, 1975	13	--	16	1	381	--	445	145	261	.6	4.7	--	1,041	42	1,700	8.1	95	24.9	6.4
08-404	Kgna	560	Sept. 13, 1943	21	.1	5	1	663	5.0	719	161	492	2.9	6.8	--	1,711	18	--	8.0	98	70.8	11.4
08-701	Kgna	420	Sept. 10, 1975	12	--	4	1	620	--	740	186	339	3.0	.5	--	1,529	11	2,350	8.6	99	71.8	11.8

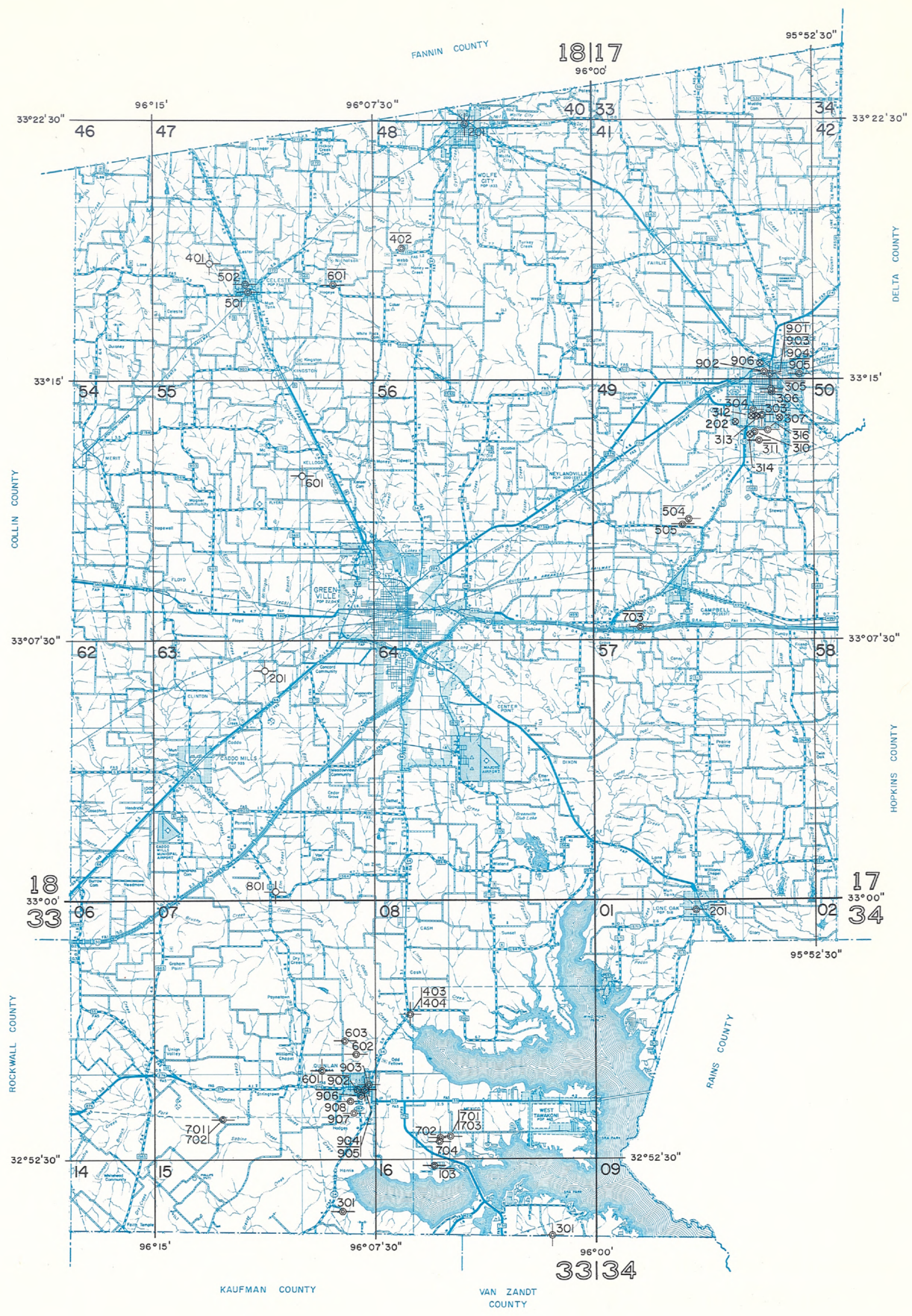
HUNT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

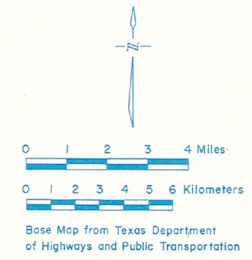
Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
PH-33-16-103	Kgna	480	Aug. 16, 1974	--	--	3	1	600	--	780	163	351	4.6	0.6	--	1,525	13	2,961	8.5	99	76.6	12.5
34-01-201	Tm	524	Mar. 13, 1942	13	0.1	14	5	675	--	836	8	554	3.6	< .4	--	1,684	56	--	--	96	39.4	12.5
201	Tm	524	Aug. 11, 1942	16	--	5	1	--	--	886	--	554	4.8	--	--	1,016	--	--	8.1	--	--	14.1
201	Tm	524	Mar. 10, 1949	12	--	4	1	688	--	882	1	558	--	1.8	--	1,699	17	--	7.9	99	79.7	14.1
201	Tm	524	July 23, 1976	11	--	5	1	700	--	880	2	560	4.7	< .4	--	1,716	18	2,840	--	99	74.7	14.0







- EXPLANATION
- Public supply well
  - Industrial well
  - Irrigation well
  - Domestic or livestock well
  - Oil or gas well
  - Test hole
  - Unused or abandoned well
  - Solid circle indicates flowing well
  - Line above well number indicates chemical analysis given in Table 4



Location of Selected Water, Oil, and Gas Wells in Hunt County

JOHNSON COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.  
 Water level : Reported water levels given in feet; measured water levels given to the nearest tenth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; E, electric; G, gasoline, butane or diesel engine; H, hand, J, jet; N, none;  
 S, submersible, T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic, Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Kcpa, Paluxy Formation; Kctm, Twin Mountains Formation; Kgw, Woodbine Group.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
EX-32-28-702	B. F. Bone	Watts Drilling Co.	1964	375	4	375	Kcpa	1,032	292.8 296.0	Sept. 22, 1966 Nov. 12, 1974	S, E 1	D, S	Cemented from 225-325 ft. Perforated from 355-375 ft. <u>1/2</u>
* 703	Town of Cresson	C. M. Stoner Drilling Co.	1963	910	7	910	Kctm	1,047	570	Apr. 22, 1963	S, E 5	P	Cemented to bottom. Gun perforated from 830-855 ft. Pump set at 674 ft. <u>1/2</u>
* 29-902	Luther H. Wilson	C. G. Wallen and Son	1965	584	7 4	40 584	Kcpa	812	439.0 445.9	Aug. 11, 1966 Nov. 8, 1974	S, E 1 1/2	D, S	Slotted from 510-584 ft. Gravel packed. Pump set at 520 ft. Reported yield 7 gal/min. Temp. 76°F. <u>1/2</u>
906	Community Water Co.	H. E. Turbeville Drilling Contractor	1968	669	4	669	Kcpa	960	530	Nov. 20, 1968	S, E 3	P	Cemented to 500 ft. Slotted from 591-664 ft. Gravel packed. Pump set at 601 ft. <u>1/2</u>
907	Coleman Brothers	C. G. Wallen and Son	1969	642	4	640	Kcpa	885	501	June 4, 1969	S, E 3	D	Cemented to 592 ft. Slotted from 595-640 ft. Pump set at 585 ft. <u>1/2</u>
* 30-501	City of Burlison	J. L. Myers Sons	1949	1,180	8 6	1,039 1,180	Kctm	705	305 480	Nov. 10, 1949 Sept. 21, 1959	T, E 30	N	Perforated from 1,034-1,180 ft. Pumping level 465 ft at 125 gal/min when drilled. <u>1/2</u>
502	do	Henry C. Millican	1960	587	10 7	-- 587	Kcpa	740	398	May 12, 1960	T, E 30	N	Screened from 472-528; 543-561; and 570-586 ft. Gravel packed. Measured yield 131 gal/min.
* 503	do	do	1930	550	8	--	Kcpa	723	310 369	Aug. 31, 1938 Feb. 1958	T, E 20	N	Reported yield between 80-100 gal/min.
* 602	Bethesda Water Supply Corporation	Layne-Texas Co.	1970	1,400	10 6	1,130 1,400	Kctm	689	610	Jan. 27, 1970	T, E 125	P	Cemented to 1,130 ft. Screened from 1,148-1,228; 1,292-1,342; and 1,354-1,394 ft. Underreamed. Gravel packed. Pump set at 1,000 ft. Pumping level 898 ft on Dec. 22, 1976.
801	City of Burlison	Henry C. Millican	1957	571	10 8	-- 571	Kcpa	728	344	June 6, 1957	T, E 20	N	Slotted from 457-490; 513-521; and 542-560 ft. Reported yield 80 gal/min.
802	do	do	1960	565	--	--	Kcpa	685	--	--	T, E	N	--
* 805	George W. Webb	Ward and Ward Drilling Co.	1964	667	4	667	Kcpa	766	462.6 478.1	Sept. 6, 1966 Nov. 8, 1974	S, E 2	D	Cemented to 657 ft. Perforated from 625-667 ft. Pump set at 588 ft. Temp. 77°F. <u>1/2</u>
808	Reggie Wells	E. C. Stone Water Well Drilling Co.	1969	660	4	660	Kcpa	755	530	Mar. 17, 1969	S, E 3	D	Cemented to bottom. Jet perforated from 564-569; 606-616; and 631-636 ft. Pump set at 567 ft. Reported yield 9 gal/min. <u>1/2</u>
809	Bruce Anderson	Stone Pump and Water Well Co.	1975	653	4	653	Kcpa	751	530	Jan. 16, 1975	S, E	D	Cemented to bottom. Gun perforated from 632-633 and 643-644 ft. <u>1/2</u>
907	R. W. Corley	C. G. Wallen and Son	1968	697	4	693	Kcpa	760	530	Dec. 6, 1968	S, E 2	P	Cemented to 670 ft. Slotted from 673-693 ft. Pump set at 630 ft. <u>1/2</u>
* 908	Bethesda Water Supply Corporation	Layne-Texas Co.	1972	1,568	10 6	1,226 1,568	Kctm	815	670	June 21, 1972	T, E 125	P	Cemented to 1,226 ft. Screened from 1,236-1,262; 1,266-1,281; 1,285-1,310; 1,393-1,408; 1,446-1,456; 1,486-1,510; and 1,517-1,532 ft. Underreamed. Gravel packed. Pump set at 1,000 ft. Pumping level 933 ft at 275 gal/min when drilled and 963 ft on Dec. 22, 1976. <u>1/2</u>

See footnotes at end of table.



## JOHNSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*PX-32-30-909	Community Water Co.	C. G. Wallen and Son	1956	654	7 4	103 654	Kcpa	768	223.3	Mar. 4, 1975	S, E 3	P	Gravel packed.
31-608	Mary Patterson	Geyer Drilling Co.	1975	265	4	265	Kgw	628	180	July 10, 1975	S, E 1	N	Gun perforated from 257-261 ft. <u>2</u>
705	Roy Brashier	Ticknor Drilling Service	1974	220	4	220	Kgw	720	70	July 8, 1974	S, E	D	Cemented to bottom. Gun perforated from 120-124 and 137-141 ft. <u>1</u> <u>2</u>
* 706	Johnson County Rural Water Supply Corporation	Stoner Drilling, Inc.	1976	1,640	10 6	1,496 1,640	Kctm	741	860	Dec. 10, 1976	S, E 75	P	Cemented to 1,496 ft. Screened from 1,494-1,562 and 1,576-1,630 ft. Pump set at 1,029 ft. Pumping level 956 ft at 205 gal/min when drilled and 940.0 ft on July 6, 1977. <u>1</u>
* 802	P. M. Odom	Chester Ball	1957	240	4	--	Kgw	732	147.1	Nov. 13, 1973	S, E 1	D	Temp. 72°F. <u>3</u>
804	S. A. Duffin	Ward and Ward Drilling Co.	1969	195	7	177	Kgw	675	--	--	S, E 3	D	Open hole completion. Pump set at 168 ft. <u>1</u>
* 805	Johnson County Rural Water Supply Corporation	Stoner Drilling, Inc.	1976	1,721	10 6	1,603 1,721	Kctm	731	850	Oct. 1, 1976	S, E 75	P	Cemented to 1,603 ft. Screened from 1,601-1,711 ft. Drawdown 94 ft pumping 201 gal/min when drilled. Pumping level 935.0 ft on July 6, 1977. <u>1</u>
* 902	Coy Moseley	Ticknor Drilling Service	1974	212	4	194	Kgw	660	90	Jan. 28, 1974	S, E 3	Ind	Cemented to 194 ft. Open hole completion. Reported yield 40 gal/min. Temp. 69°F. <u>1</u>
903	-- Benton	Geyer Drilling Co.	1972	234	4	234	Kgw	680	--	--	S, E	D	Cemented to bottom. Jet perforated from 203-215 and 222-223 ft. Pump set at 186 ft. <u>1</u> <u>2</u>
904	Lonnie Campbell	do	1975	254	4	254	Kgw	622	190	Sept. 17, 1975	S, E	D	Cemented to bottom. Gun perforated from 193-197; 200-202; 208-210, and 216-218 ft. <u>2</u>
905	K. R. Woods	do	1975	244	4	244	Kgw	628	190	Oct. 23, 1975	S, E 1	D	Cemented to bottom. Gun perforated from 214-220 and 227-235 ft. <u>1</u> <u>2</u>
* 32-701	Clarence Phillips	C. G. Wallen and Son	1960	240	5 4	215 240	Kgw	632	165.5 181.2	Oct. 6, 1966 Nov. 8, 1974	S, E 3/4	D	Perforated from 210-240 ft. <u>3</u>
702	V. L. Dorman	Geyer Drilling Co.	1972	310	4	310	Kgw	656	230	June 6, 1972	S, E	D, Ind	Cemented to bottom. Gun perforated 294-302 ft. Pump set at 234 ft. Reported yield 11 gal/min. <u>1</u> <u>2</u>
703	W. J. Sherrill	C. G. Wallen and Son	1968	279	4	267	Kgw	582	90	May 22, 1968	S, E 1	D	Cemented to 264 ft. Gun perforated from 197-203 ft. Pump set at 189 ft. Reported yield 10 gal/min. <u>1</u> <u>2</u>
* 704	Doyle Smith	Masters Drilling Co.	1976	300	4	265	Kgw	655	200	July 21, 1976	S, E 1 1/2	D	Cemented to 265 ft. Pump set at 255 ft. <u>1</u>
* 36-303	Johnson County Rural Water Supply Corporation	J. L. Myers Sons	1975	1,151	8 4	840 1,140	Kctm	1,001	579 600.0 663.0	Mar. 30, 1975 June 16, 1975 Dec. 21, 1976	S, E 30	P	Cemented to 840 ft. Screened at 8 intervals between 840-1,119 ft. Underreamed. Gravel packed. Pump set at 779 ft. Pumping level 767 ft at 144 gal/min when drilled. <u>1</u> <u>2</u>
304	City of Godley	Morris Pollock and Sons Drilling Co.	1966	505	8 5	44 505	Kcpa	990	405	Oct. 22, 1966	S, E 5	P	Cemented to 44 ft. Perforated from 460-505 ft. Gravel packed. Pump set at 462 ft. Reported yield 17 gal/min. <u>1</u>
* 402	J. K. Kimbro	--	--	105	--	--	Kcpa	780	82.7 82.1	Sept. 26, 1966 Nov. 14, 1973	W	D, S	<u>3</u>

See footnotes at end of table.



## JOHNSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Casing		Water bearing unit	Altitude of land surface (ft.)	Water level		Method of lift	Use of water	Remarks	
					Diameter (in.)	Depth (ft.)			Below land-surface datum (ft.)	Date of measurement				
*PK-32-36-501	R. L. Smelley	Wiegand Brothers	1942	1,138	10 8	583 1,138	Kctm	1,038	365.2	Sept. 19, 1942	C, E	D, S	Perforated from 862-1,110 ft. Old U.S. Army Eastman well No. 1. <u>1/2</u>	
503	Robert Shaw	Geyer Drilling Co.	1975	400	4	400	Kcpa	930	300	Feb. 28, 1975	S, E 1	D, S	Cemented to bottom. Gun perforated from 364-370 ft. <u>1/2</u>	
"	601	City of Godley	--	1913	4	--	Kcpa	952	319.1	Aug. 8, 1960	N	N	Destroyed.	
"	602	do	--	1931	4	--	Kcpa	952	--	--	N	N	Do.	
"	604	James Somerhill	--	500	--	--	Kcpa	995	381.4 387.3	Oct. 5, 1966 Nov. 11, 1974	N	N	<u>1/2</u>	
*	606	City of Godley	C. G. Wallen and Son	1953	460	6	--	Kcpa	952	430.0	Aug. 1, 1976	T, E 7 1/2	P	--
"	608	do	Morris Pollock and Sons Drilling Co.	1961	425	7 4	-- 425	Kcpa	909	--	--	S, E 5	P	Reported yield 25 gal/min.
*	37-202	Community Water Co.	Albert W. Smith	1968	690	7	630	Kcpa	985	550	June 12, 1968	S, E 5	P	Cemented to 630 ft. Gun perforated from 584-594 and 618-622 ft. Open hole from 630 ft. Pump set at 590 ft. Pumping level 570 ft at 25 gal/min when drilled. <u>1/2</u>
"	302	City of Joshua	T. J. Millican	1938	630	4	--	Kcpa	925	400 425	Feb. 1943 1958	N	N	--
"	303	Johnson County Fresh Water Supply	do	1930	677	10 6	-- 677	Kcpa	925	407 532	1930 Sept. 14, 1964	S, E 15	P	Completed from 630-652 ft.
"	311	do	J. L. Myers Sons	1961	688	14 10 7	30 573 681	Kcpa	895	465 500	Nov. 27, 1961 1966	S, E 20	P	Cemented to 573 ft. Screened from 573-651 ft. Underreamed. Gravel packed. Pump set at 572 ft. Pumping level 540 ft at 98 gal/min when drilled. <u>1/2</u>
*	312	Johnson County Rural Water Supply Corporation	C. M. Stoner Drilling Co.	1972	1,270	8 4	1,000 1,270	Kctm	940	691	Sept. 14, 1972	S, E 40	P	Pump set at 903 ft. Pumping level 865 ft on Dec. 21, 1976.
"	313	do	J. L. Myers Sons	1969	1,320	8 4	1,044 1,283	Kctm	952	647 667.0 670.0	Apr. 23, 1969 July 10, 1969 Nov. 4, 1969	S, E 50	P	Cemented to 1,044 ft. Screened from 1,044-1,191 and 1,228-1,263 ft. Gravel packed. Pump set at 855 ft. Pumping level 692 ft at 155 gal/min on Apr. 23, 1969; 720 ft on Nov. 4, 1969; and 804 ft on Dec. 21, 1976. <u>1/2</u>
*	314	Johnson County Fresh Water Supply	C. M. Stoner Drilling Co.	1971	1,330	8 4	1,230 1,330	Kctm	891	--	--	S, E 50	P	Cemented to 1,230 ft. Jet perforated from 1,230-1,305 ft. Gravel packed. Pump set at 1,082 ft. <u>1/2</u>
"	403	Johnson County Rural Water Supply Corporation	J. L. Myers Sons	1974	1,195	8 4	930 1,195	Kctm	938	602 665.0	May 31, 1974 Dec. 21, 1976	S, E 65	P	Pump set at 875 ft. <u>1/2</u>
"	702	Jim Thomas	C. G. Wallen and Son	1963	478	4	478	Kcpa	895	390.8 363.9	Oct. 6, 1966 Nov. 11, 1974	C, E	D, S	Slotted from 438-478 ft. Gravel packed. Temp. 72°F. <u>1/2</u>
"	803	Clyde Hanna	C. M. Stoner Drilling Co.	1971	548	4	548	Kcpa	872	--	--	S, E 2	D	Cemented to bottom. Jet perforated from 505-511 and 519-527 ft. Pump set at 490 ft. Temp. 70°F. <u>1/2</u>
"	901	City of Cleburne	Layne-Texas Co.	1958	1,283	16 8	900 1,283	Kctm	819	571	Apr. 21, 1958	T, E 150	P	Screened from 961-1,062; 1,090-1,115; and 1,130-1,245 ft. Gravel packed. Pump set at 840 ft. Pumping level 825 ft at 423 gal/min when drilled. Reported yield 320 gal/min. <u>1/2</u>

See footnotes at end of table.

## JOHNSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*PX-32-37-903	Cow Palace Comm. Co.	C. G. Wallen and Son	1971	603	4	600	Kcpa	825	426	June 3, 1971	S, E 1 1/2	Ind	Cemented to 526 ft. Slotted from 529-540 and 580-597 ft. Pump set at 504 ft. Temp. 70°F. <u>1/2</u>
904	Farmland Industries, Inc.	do	1973	557	4	551	Kcpa	803	39	Aug. 2, 1973	S, E	Ind	Cemented to 511 ft. Jet perforated from 489-497 ft. Slotted from 514-555 ft. Gravel packed. Pump set at 504 ft. <u>1/2</u>
* 905	Johnson County Rural Water Supply Corporation	J. L. Myers Co.	1977	1,408	16 10	1,020 1,330	Kctm	860	665	Apr. 28, 1977	S, E 150	Ind	Cemented to 1,020 ft. Screened from 1,020-1,038; 1,044-1,076; 1,083-1,111; 1,212-1,232; 1,237-1,268; 1,274-1,312; and 1,330-1,408. Gravel packed to 1,408 ft. Underreamed. Drawdown 160 ft pumping 255 gal/min when drilled. <u>1/2</u>
* 38-102	Bethesda Water Supply Corporation	Layne-Texas Co.	1965	1,437	11 6	1,065 1,437	Kctm	800	568 646	July 12, 1965 Sept. 6, 1966	T, E 125	P	Screened from 1,076-1,088; 1,122-1,130; 1,160-1,178; 1,188-1,196; 1,212-1,222; 1,230-1,240; 1,254-1,272; and 1,278-1,326 ft. Underreamed. Gravel packed. Pump set at 940 ft. Pumping level 802 ft at 275 gal/min when drilled. Pumping level 963 ft on Dec. 22, 1976. Temp. 87°F. <u>1/2</u>
105	Johnson County Fresh Water Supply	Ward and Ward Drilling Co.	1967	1,349	7	1,349	Kctm	870	880	July 14, 1967	S, E 40	P	Cemented to bottom and gun perforated. <u>1/2</u>
* 106	do	H. E. Turbeville Water Well Contractor	1972	700	10 8	-- 700	Kcpa	870	534.0	Dec. 21, 1976	T, E 40	P	Pump set at 650 ft. Reported yield 120 gal/min.
202	Charles Eller	John Boyd McPherson	1971	700	10 7	150 700	Kcpa	845	500	May 15, 1971	S, E	P	Cemented from 120-150 ft. Slotted from 620-700 ft. Gravel packed. Reported yield 20 gal/min. <u>1/2</u>
203	John F. Agee	C. G. Wallen and Son	1969	741	7	738	Kcpa	831	523	Apr. 4, 1969	S, E 5	P	Cemented to 690 ft. Slotted from 693-713 and 723-738 ft. Pump set at 700 ft. Reported yield 20 gal/min. Temp. 72°F. <u>1/2</u>
204	Ernie Tarver	Ward and Ward Drilling Co.	1971	704	4	704	Kcpa	808	--	--	S, E	D	Cemented to bottom. Gun perforated from 618-622; 668-672; and 688-694 ft. Pump set at 609 ft. <u>1/2</u>
205	Harold Garrett	Geyer Drilling Co.	1974	672	4	672	Kcpa	810	545	Dec. 18, 1974	S, E 2	D	Cemented to bottom. Gun perforated from 539-545 ft. Pump set at 609 ft. <u>1/2</u>
307	H. L. Lane	Ward and Ward Drilling Co.	1969	724	4	696	Kcpa	778	--	--	S, E 5	P	Cemented to 696 ft. Open hole from 696-724 ft. Pump set at 630 ft. <u>1/2</u>
* 308	Egan Service Corp.	C. M. Stoner Drilling Co.	1971	810	4	810	Kcpa	798	580	Oct. 21, 1971	S, E 5	P	Cemented to bottom. Jet shot from 756-766 and 784-787 ft. Pump set at 672 ft. <u>1/2</u>
* 309	Bethesda Water Supply Corporation	Layne-Texas Co.	1968	1,490	8 4	1,124 1,490	Kctm	751	750.0	Dec. 22, 1976	S, E 50	P	Screened at 11 intervals from 1,135-1,425 ft. Underreamed. Gravel packed. Pumping level 667 ft at 164 gal/min when drilled. <u>1/2</u>
310	Egan Service Corp.	C. M. Stoner Drilling Co.	1974	800	7 4	730 800	Kcpa	800	600	July 11, 1974	S, E 15	P	Cemented to 730 ft. Screened from 730-770 ft. Pump set at 672 ft. <u>1/2</u>
311	Bethesda Water Supply Corporation	Layne-Western Co.	1977	1,621	10 6	1,330 1,569	Kctm	840	--	--	T, E 150	P	Cemented to 1,328 ft. Screened from 1,330-1,355; 1,380-1,400; and 1,480-1,565 ft. Pump set at 1,100 ft. <u>1/2</u>
* 403	do	Layne-Texas Co.	1973	1,449	10 6	1,030 1,449	Kctm	898	705 800.0	July 25, 1973 Dec. 22, 1976	T, E 125	P	Screened from 1,100-1,130; 1,140-1,170; 1,175-1,205; 1,225-1,230; 1,240-1,255; 1,305-1,365; and 1,375-1,385 ft. Underreamed. Gravel packed. Pump set at 1,000 ft. Pumping level 920 ft at 336 gal/min when drilled. <u>1/2</u>
* 501	D. P. Eaton	--	--	33	40	33	Kgw	852	24.5 5.4	Aug. 11, 1960 Nov. 8, 1974	J, E 1 1/2	D, S	Dug well. <u>1/2</u>

See footnotes at end of table.

JOHNSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
PX-32-38-505	J. D. Moore	C. G. Wallen and Son	1970	707	7	699	Kcpa	832	517	Nov. 17, 1970	S, E 10	P	Cemented to 648 ft. Slotted from 650-681 and 687-699 ft. Gravel packed. Pump set at 609 ft. <u>1</u>
506	Burleson Oaks Estates	H. E. Turbeville Drilling Contractor	1968	759	6	714	Kcpa	848	517	Oct. 25, 1968	S, E 5	P	Cemented to 714 ft. Open hole from 714-759 ft. Pump set at 609 ft. <u>1</u>
602	Ernest Adams	--	--	25	48	--	Kgw	825	17.9 13.2	Aug. 11, 1960 Nov. 11, 1974	N	N	<u>3</u>
* 701	J. C. Seely	C. G. Wallen and Son	--	700	4	--	Kcpa	790	380.2	Sept. 29, 1966	S, E 2	D, S	<u>3</u>
702	City of Keene	C. M. Stoner Drilling Co.	1971	1,480	7	1,480	Kctm	920	900	Apr. 6, 1971	S, E 50	P	Cemented to 1,370 ft. Slotted from 1,370-1,480 ft. Pump set at 1,050 ft. Pumping level 1,000 ft at 100 gal/min when drilled and 1,095 ft on Dec. 22, 1976. <u>1</u>
7	801	do	1959	790	7 5	675 790	Kcpa	905	490	Dec. 1959	S, E 5	P	Slotted.
* 802	do	J. L. Myers Sons	1952	1,508	12	--	Kctm	905	--	--	S, E 40	P	Reported yield 100 gal/min.
* 803	do	C. M. Stoner Drilling Co.	1961	1,603	7 5	-- --	Kctm	915	700	Mar. 1, 1961	S, E 40	P	Originally drilled in 1946 to 800 ft in the Faluxy Formation. <u>1</u>
804	do	Wallen Brothers	1954	790	7 5	-- --	Kcpa	915	--	--	S, E 15	P	Perforated from 730-735 ft. Reported yield 40 gal/min.
* 808	do	C. M. Stoner Drilling Co.	1965	1,501	10 7	20 1,501	Kctm	915	805 900	Aug. 20, 1965 July 1970	S, E 40	P	Cemented to 1,405 ft. Slotted from 1,405-1,501 ft. Pump set at 1,000 ft. Reported yield 110 gal/min. <u>1</u>
809	Roy Baer	do	1972	733	4	733	Kcpa	810	510	Aug. 18, 1972	S, E 5	D	Cemented to bottom. Gun perforated from 700-712 ft. <u>1</u>
* 901	Bethany Water Supply Corporation	J. L. Myers Sons	1964	1,630	7	1,630	Kctm	830	640 638 797 835	Oct. 5, 1964 Aug. 8, 1966 Nov. 9, 1973 Jan. 14, 1975	S, E 40	P	Perforated from 1,522-1,540, 1,544-1,564; and 1,570-1,575 ft. Pump set at 1,005 ft. Pumping level 815 ft at 100 gal/min when drilled; 906.0 ft on Nov. 9, 1971; and 890.0 ft on Nov. 11, 1974. Temp. 87°F. <u>1</u> <u>2</u> <u>3</u>
* 904	do	do	1970	1,590	7 3	1,488 1,588	Kctm	928	805 822.0 851.0 867.0	Aug. 12, 1970 July 14, 1973 Apr. 16, 1974 Dec. 20, 1976	S, E 40	P	Cemented to 1,488 ft. Screened from 1,488-1,498 ft. Gravel packed. Pump set at 1,102 ft. Pumping level 895 ft at 113 gal/min on Aug. 12, 1970; 943 ft at 100 gal/min on Apr. 16, 1974; 850 ft on Dec. 16, 1971; and 890 ft on July 14, 1973. <u>1</u> <u>2</u>
* 905	do	do	1973	1,597	7 3	1,468 1,596	Kctm	920	868.0	Dec. 20, 1976	S, E 40	P	Cemented to 1,468 ft. Screened from 1,468-1,483; 1,488-1,498; 1,503-1,534, and 1,539-1,565 ft. Gravel packed. Pump set at 1,108 ft. Pumping level 1,000 ft at 80 gal/min on Dec. 11, 1973, and 1,083 ft on July 26, 1974. <u>1</u> <u>2</u>
+ 906	Mahaney and Walker	C. M. Stoner Drilling Co.	1972	761	4	761	Kcpa	800	600	Jan. 19, 1972	S, E 2	Ind	Cemented to bottom. Jet perforated from 732-742 ft. Pump set at 672 ft. Temp. 65°F. <u>1</u>
39-104	J. Shanon	Geyer Drilling Co.	1975	251	4	251	Kgw	740	165	Oct. 29, 1975	S, E 1	D	Cemented to bottom. Gun perforated from 236-241 ft. <u>1</u> <u>2</u>
* 201	R. W. Brown	--	1962	270	7	270	Kgw	733	130.8 134.6	Oct. 6, 1966 Nov. 8, 1974	S, E 1	D	Completed from 250-270 ft. Pump set at 190 ft. Temp. 71°F. <u>3</u>

See footnotes at end of table.

## JOHNSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
EX-32-38-302	Johnny L. Byers	Ward and Ward Drilling Co.	1973	276	4	258	Kgw	645	120 100.8	May 4, 1973 Feb. 12, 1975	S, E 3/4	D	Cemented to bottom. Jet perforated from 198-202, 210-214; and 223-226 ft. Pump set at 168 ft. Reported yield 20 gal/min. Temp. 70°F. <u>Y Z</u>
303	P. B. Schuster	C. Glenn Wallen and Son	1974	235	4	231	Kgw	640	96	Sept. 5, 1974	S, E 1	D	Cemented to bottom. Gun perforated from 122-125, 150-151; 158-159; 179-185, 189-202; 209-213; and 225-226 ft. Pump set at 148 ft. Pumping level 122 ft at 3.5 gal/min when drilled. <u>Y Z</u>
304	L. McAdoo	Geyer Drilling Co.	1975	242	4	242	Kgw	688	--	--	S, E 1	D	Cemented to bottom. Gun perforated from 197-201 and 220-224 ft. Pump set at 189 ft. Drawdown of 11 ft pumping 10 gal/min when drilled. <u>Y Z</u>
404	Carl Larmare	C. Glenn Wallen and Son	1962	807	7 4 3	197 740 807	Kcpa	761	455	Dec. 15, 1962	S, E 2	Ind	Slotted from 740-807 ft. Pump set at 546 ft. <u>Y</u>
405	C. E. Angle	Reid Pump Sales and Service	1964	276	4	276	Kgw	830	90	Nov. 9, 1964	N	Irr	Slotted. <u>Y</u>
* 505	T. G. Wilkinson	Geyer Drilling Co.	1965	210	4	210	Kgw	714	85.1 96.2	Oct. 13, 1966 Nov. 8, 1974	S, E	D	Pump set at 190 ft.
506	B. E. Spillers	do	1973	250	4	250	Kgw	778	170	Feb. 27, 1973	S, E	D	Cemented to bottom. Gun perforated from 196-199; 231-233; and 238-240 ft. Reported yield 11 gal/min. <u>Y Z</u>
* 602	W. I. Boteler	--	1964	250	4	--	Kgw	720	148.3 164.4	Oct. 13, 1966 Nov. 8, 1974	S, E 1	D	<u>Z</u>
* 701	City of Alvarado	Texas Water Wells, Inc.	1955	861	20 16 10	20 715 842	Kcpa	758	360 498.7 620.0	Aug. 16, 1960 Nov. 1, 1966 Nov. 5, 1976	S, E 30	D	Cemented to 700 ft. Screened from 699-709, 723-767; and 785-837 ft. Pump set at 750 ft. Reported yield 110 gal/min. Pumping level 725 ft on Nov. 11, 1974. Temp. 78°F. <u>Y Z Z</u>
* 702	do	Layne-Texas Co.	1947	1,656	10 8 6	797 1,531 1,655	Kcpa, Kctm	752	322 360 430 605.0	May 4, 1947 Aug. 16, 1960 June 12, 1963 Dec. 20, 1976	T, E 60	P	Perforated from 766-790; 798-829; 1,396-1,421; 1,444-1,454 ft. Screened from 1,534-1,634 ft. Underreamed. Gravel packed. Pump set at 740 ft. Pumping level 429 ft at 296 gal/min when drilled. Reported yield 190 gal/min. Temp. 81°F. <u>Y Z</u>
* 39-703	do	Q. D. Lewis	1931	1,677	15 12 10 8	338 871 1,553 1,677	Kctm	767	240.0 360 500 566.8	Feb. 1, 1939 Aug. 1960 1965 Dec. 20, 1976	T, E 40	P	Perforated from 1,553-1,677 ft. Pump set at 740 ft. Reported yield 130 gal/min. Temp. 89°F. <u>Y</u>
* 705	-- Hime	C. M. Stoner Drilling Co.	1963	251	7	251	Kgw	742	128.5 117.4	Aug. 3, 1966 Nov. 8, 1974	S, E 1	D	Cemented to 251 ft. Perforated from 191-193 and 215-218 ft. Pump set at 185 ft. Reported yield 18 gal/min. Temp. 70°F. <u>Y Z</u>
707	Don R. McNeil	E. C. Stone Water Well	1973	178	4	--	Kgw	712	--	--	S, E	Irr	Gravel packed. Pump set at 158 ft. Pumping level 140 ft at 70 gal/min when drilled. <u>Y</u>
708	do	do	1973	182	4	--	Kgw	710	--	--	S, E	Irr	Gravel packed. Pump set at 158 ft. <u>Y</u>
* 709	G. C. Mitchell	Geyer Drilling Co.	1972	796	4	796	Kcpa	702	460	May 2, 1972	S, E 1 1/2	Ind	Cemented to bottom. Gun perforated from 784-796 ft. Pump set at 609 ft. Pumping level 525 ft at 40 gal/min when drilled. Temp. 71°F. <u>Y Z</u>
803	Alvarado Oil Co.	C. M. Stoner Drilling Co.	1963	263	4	263	Kgw	765	132	May 24, 1963	S, E 3/4	Ind	Cemented to bottom. Gun perforated from 235-248 ft. Pump set at 212 ft. Reported yield 10 gal/min. <u>Y</u>

See footnotes at end of table.

## JOHNSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
EX-32-39-804	Johnson County Rural Water Supply Corporation	J. L. Myers Co.	1977	1,778	10 6	1,508 1,778	Kctm	780	660	May 12, 1977	S, E 75	P	Cemented to 1,508 ft. Screened from 1,508-1,550; 1,563-1,571; 1,583-1,587; 1,591-1,601, 1,660-1,670; 1,678-1,692; and 1,705-1,758 ft. Underreamed. Gravel packed. Pump set at 1,000 ft. Drawdown 215 ft pumping 200 gal/min on May 11, 1977. <u>Y Z</u>
901	Roy Plunkett	--	1960	--	4	--	Kgw	725	163.7 160.9	Oct. 12, 1966 Nov. 8, 1974	S, E 3/4	D	<u>Y</u>
40-401	City of Venus	C. R. Bell	1950	380	5	--	Kgw	675	140	Aug. 16, 1960	S, E 5	P	Pump set at 280 ft. Reported yield 30 gal/min.
402	do	Geyer Drilling Co.	1958	380	6	--	Kgw	675	140 217.6	do Nov. 3, 1966	S, E 7 1/2	P	Reported yield 40 gal/min.
407	David Cathy	do	1975	313	4	313	Kgw	654	240	Aug. 28, 1975	S, E 1	D	Cemented to bottom. Gun perforated from 267-271; 283-286; and 302-306 ft. <u>Z</u>
* 44-205	Johnson County Rural Water Supply Corporation	C. M. Stoner Drilling Co.	1969	1,061	8 4	982 1,061	Kctm	963	570	Apr. 30, 1969	S, E 30	P	Cemented to 982 ft. Screened from 987-1,050 ft. Gravel packed. Pump set at 695 ft. Drawdown 116 ft at 113 gal/min in 1969. <u>Y</u>
* 504	Gene Roberts	do	1973	962	7	962	Kctm	945	450	Aug. 22, 1973	S, E 25	Ind	Cemented to 912 ft. Slotted from 912-962 ft. Pump set at 600 ft. <u>Y</u>
601	E. M. Smith	C. G. Wallen and Son	1965	405	7 4	25 405	Kcpa	823	261.1	July 20, 1966	S, E 1 1/2	D	Slotted from 340-345 and 381-405 ft. Gravel packed. Pump set at 346 ft. Drawdown 15 ft at 13.6 gal/min when drilled. <u>Y</u>
* 801	Cleburne State Park	Wallen Brothers	1952	210	8	210	Kcpa	755	--	--	S, E 5	D, P	Screened from 168-210 ft. Temp. 70°F.
802	do	do	1934	190	8	190	Kcpa	810	--	--	S, E 3	P	--
45-201	Frank Poplowski	C. G. Wallen and Son	1965	493	7 4	33 498	Kcpa	860	390.3	Oct. 13, 1966	S, E 1 1/2	D	Slotted from 470-493 ft. Gravel packed. Pump set at 441 ft. <u>Y</u>
* 203	Cass and Norris Bingham	do	1969	1,098	7 4	1,024 1,098	Kctm	790	416	Nov. 21, 1952	S, E 15	P	Slotted from 1,045-1,098 ft. Pump set at 651 ft. Reported yield 20 gal/min. Temp. 72°F. <u>Y</u>
* 301	City of Cleburne	Layne-Texas Co.	1952	1,265	16 8	926 1,263	Kctm	832	555	July 21, 1952	T, E 125	P	Screened from 925-1,079 and 1,106-1,200 ft. Gravel packed. Pumping level 764 ft at 490 gal/min when drilled. Reported yield 330 gal/min. <u>Y</u>
* 302	do	do	1945	1,250	16 8	873 1,205	Kctm	789	450	Feb. 1945	T, E 125	P	Cemented to 873 ft. Screened from 898-1,003; 1,024-1,066; and 1,099-1,204 ft. Gravel packed. Pump set at 700 ft. Pumping level 639 ft at 465 gal/min when drilled. Reported yield 340 gal/min. <u>Y Z</u>
303	do	do	1947	1,295	16 8	950 1,250	Kctm	813	500	Feb. 1947	T, E 150	P	Cemented to 950 ft. Underreamed. Gravel packed. Pumping level 841 ft at 350 gal/min on May 1, 1961. Screened from 951-1,097 and 1,141-1,246 ft. Pumping level 724 ft at 413 gal/min when drilled. Reported yield 300 gal/min. <u>Y Z</u>
304	do	do	1938	1,274	16 8	927 1,274	Kctm	780	444	Jan. 25, 1938	T, E 125	N	Cemented to 927 ft. Perforated from 941-1,086 and 1,129-1,251 ft. Underreamed. Gravel packed. Pumping level 707 ft at 420 gal/min when drilled. Reported yield 250 gal/min. <u>Y</u>

See footnotes at end of table.

## JOHNSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
EX-32-45-306	City of Cleburne	Q. D. Lewis	1930	936	8 6	-- --	Kctm	755	450	Feb. 11, 1943	N	N	Pumping level 540 ft at 175 gal/min in 1960. Plugged. Temp. 80°F. <u>1</u>
307	do	Layne-Texas Co.	1941	1,206	16 8	870 1,206	Kctm	758	478 638.3	June 3, 1941 Dec. 20, 1976	T, E 125	P	Cemented to 870 ft. Screened from 880-1,048 and 1,096-1,180 ft. Gravel packed. Pumping level 524 ft at 105 gal/min when drilled. Reported yield 400 gal/min. Temp. 79°F. <u>1</u>
* 308	The AT and SF Railway Co.	do	1944	1,206	14 10	902 1,206	Kctm	773	--	--	S, E 75	Ind	Cemented to 902 ft. Screened from 946-975, 1,008-1,040; 1,072-1,105, and 1,137-1,170 ft. Temp. 79°F. <u>1</u>
309	do	do	1943	1,215	13 10	904 1,215	Kctm	784	516.5	Aug. 13, 1943	S, E 75	Ind	Cemented to 900 ft. Screened from 943-1,003, 1,024-1,028; 1,071-1,133; and 1,155-1,195 ft. Pumping level 636 ft at 240 gal/min when drilled. <u>1</u>
313	City of Cleburne	--	--	950	8	--	Kctm	765	450	Feb. 11, 1943	N	N	Pumping level 525 ft at 250 gal/min in 1943. Plugged.
314	do	--	1900	950	6	--	Kctm	765	450	do	N	N	Pumping level 450 ft at 175 gal/min in 1943. Plugged.
315	do	--	1913	1,196	8	1,196	Kctm	765	365	do	N	N	Pumping level 632 ft at 182 gal/min on Feb. 11, 1943. Plugged.
316	The AT and SF Railway Co.	--	1947	1,225	14 10	880 1,225	Kctm	780	--	--	S, E 75	Ind	Cemented to 880 ft. Screened from 880-894, 925-969; 995-1,016; 1,050-1,105; and 1,145-1,224 ft.
403	C. McCallister	C. G. Wallen and Son	1972	554	7 4	16 544	Kcpa	930	394	Aug. 21, 1972	S, E 2	D	Cemented to 491 ft. Slotted from 494-544 ft. Pump set at 485 ft. <u>1</u>
404	James Tanton	Geyer Drilling Co.	1975	512	4	512	Kcpa	902	430	Sept. 12, 1975	S, E 1	D, S	Cemented to bottom. Gun perforated from 494-500 ft. <u>1</u> <u>2</u>
* 601	City of Cleburne	Layne-Texas Co.	1955	1,266	16 8	890 1,266	Kctm	746	444 742	Apr. 16, 1955 Nov. 8, 1974	S, E	P	Cemented to 890 ft. Screened from 895-995 and 1,015-1,165 ft. Underreamed. Gravel packed. Pumping level 649 ft at 412 gal/min when drilled. Reported yield 350 gal/min. <u>1</u> <u>2</u> <u>3</u>
602	Texas Lime Co.	C. M. Stoner Drilling Co.	1951	508	4	508	Kcpa	760	100	Sept. 1960	S, E 2	Ind	Slotted from 448-508 ft. Pump set at 400 ft.
603	do	do	1957	1,218	7	1,218	Kctm	760	300	do	S, E 30	N	Perforated from 1,138-1,218 ft. Reported yield 60 gal/min. <u>2</u>
607	do	do	1963	1,220	7	1,220	Kctm	760	669	Jan. 21, 1963	S, E 40	Ind	Cemented to 1,120 ft. Slotted from 1,120-1,220 ft. Pump set at 900 ft. Pumping level 704 ft at 140 gal/min when drilled. <u>1</u>
* 801	Woody Walls	C. G. Wallen and Sons	1965	610	4 3	445 610	Kcpa	750	270.9	Sept. 13, 1966	S, E 1	D	Slotted from 381-445; 529-555, and 590-610 ft. Gravel packed. <u>1</u>
902	Nolan River Water Supply Corporation	C. M. Stoner Drilling Co.	1966	1,215	7	1,215	Kctm	778	370	Mar. 14, 1966	S, E 15	P	Cemented to 1,215 ft. Gun perforated from 1,113-1,140; 1,152-1,157; 1,162-1,182; and 1,190-1,200 ft. Pump set at 507 ft. <u>1</u>
46-101	City of Cleburne	Layne-Texas Co.	1952	1,296	--	--	Kctm	750	557	Dec. 17, 1952	T, E 125	P	Screened from 939-1,093 and 1,121-1,229 ft. Gravel packed. Pump set at 800 ft. Pumping level 757 ft at 536 gal/min when drilled. Reported yield 410 gal/min.
105	Jerry Wickell	Ward and Ward Drilling Co.	1970	630	4	630	Kcpa	783	480	Apr. 3, 1970	S, E	P	Gun perforated from 610-620 ft. Pump set at 588 ft. <u>1</u> <u>2</u>

See footnotes at end of table.

## JOHNSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*PX-32-46-201	Johnson County Rural Water Supply Corporation	C. M. Stoner Drilling Co.	1965	1,518	10	1,518	Kctm	902	730	Sept. 28, 1965	S, E 75	P	Cemented to 1,398 ft. Perforated from 1,395-1,518 ft. Pump set at 989 ft. Reported yield 225 gal/min. Pumping level 1,029 ft on Dec. 21, 1976. <u>1</u> <u>2</u>
" 202	Liberty School District	C. G. Wallen and Son	1963	698	7 4	145 698	Kcpa	862	470	Aug. 1963	S, E 2	P	Slotted from 675-698 ft. Gravel packed. Pump set at 562 ft. Drawdown 30 ft at 9 gal/min when drilled. <u>1</u>
" 209	R. B. Beasley	--	1967	160	7	160	Kgw	875	--	--	S, E 3	Irr	Slotted from 48-120 ft. Gravel packed. Pump set at 126 ft 115 drawdown at 60 gal/min when drilled. Temp. 67°F. <u>1</u>
210	John Beasley	C. G. Wallen and Son	1968	738	6	737	Kcpa	842	455	Mar. 9, 1968	S, E 20	Irr	Cemented to 686 ft. Slotted from 689-715 and 728-737 ft. Pump set at 668 ft. Reported yield 20 gal/min. <u>1</u>
211	do	do	1968	740	6	707	Kcpa	847	470	May 1, 1968	S, E 30	Irr	Cemented to 636 ft. Slotted from 640-655; 665-707; and open from 707-740 ft. Pump set at 553 ft. <u>1</u>
212	do	do	1971	760	7	758	Kcpa	860	508	Jan. 22, 1971	S, E 20	Irr	Cemented to 701 ft. Slotted from 703-758 ft. Pump set at 676 ft. <u>1</u>
213	do	do	1971	140	7	140	Kgw	860	86	Jan. 26, 1971	S, E 3	Irr	Slotted from 112-140 ft. Pump set at 105 ft. Reported yield 40 gal/min. <u>1</u>
* 402	Jack Johnson	do	1964	640	7 4	76 640	Kcpa	826	402.9 417.0	Sept. 15, 1966 Nov. 8, 1974	S, E 2	D, S	Slotted from 616-640 ft. Gravel packed. Pump set at 504. Reported yield 10 gal/min. <u>1</u> <u>2</u>
* 403	Johnson County Rural Water Supply Corporation	C. M. Stoner Drilling Co.	1968	1,425	7 4	1,332 1,425	Kctm	835	613 734.0	Jan. 28, 1968 Dec. 21, 1976	S, E 40	P	Slotted from 1,319-1,425 ft. Pump set at 849 ft.
504	Bill Chiles	C. G. Wallen and Son	1967	127	7	127	Kgw	812	50	Dec. 20, 1967	S, E 1	D	Slotted from 90-110 ft. Pump set at 84 ft. Reported yield 40 gal/min. <u>1</u>
* 702	G. E. Greeson	C. M. Stoner Drilling Co.	1964	537	4	537	Kcpa	754	300.3 319.9	Aug. 18, 1966 Nov. 11, 1974	S, E 1 1/2	D, S	Cemented to 537 ft. Gun perforated from 500-537 ft. Pump set at 422 ft. Reported yield 8 gal/min. <u>1</u> <u>2</u>
* 903	Parker Water Supply Corporation	J. L. Myers Sons	1965	1,612	7	1,612	Kctm	862	700	June 2, 1965	S, E	P	Cemented to bottom and gun perforated. Pumping level 866 ft at 100 gal/min when drilled. <u>1</u> <u>2</u>
* 907	Johnson County Rural Water Supply Corporation	C. M. Stoner Drilling Co.	1972	1,560	8 4	1,450 1,560	Kctm	828	588 626	Apr. 13, 1972 June 13, 1973	S, E 40	P	Cemented to 1,450 ft. Screened from 1,442-1,470; 1,478-1,484; 1,488-1,512; 1,518-1,530; and 1,540-1,558 ft. Gravel packed. Pump set at 1,000 ft. Drawdown 83 ft pumping 128 gal/min in Dec. 1972. Pumping level 680 ft on Nov. 8, 1974. Temp. 79°F. <u>1</u> <u>2</u>
* 47-101	Sherman Wright	Ward and Ward Drilling Co.	1964	795	4	795	Kcpa	755	399.6	Aug. 3, 1966	S, E 2	D	Cemented to bottom. Gun perforated. Pump set at 588 ft. Reported yield 10 gal/min. <u>1</u>
* 103	Johnson County Water Supply Corporation	C. M. Stoner Drilling Co.	1966	1,680	7	1,680	Kctm	759	588 780.0	Oct. 1966 Dec. 21, 1976	S, E 20	P	Cemented to bottom. Gun perforated from 1,562-1,582; 1,600-1,608; 1,630-1,646; 1,656-1,660; and 1,664-1,672 ft. Pump set at 758 ft. Pumping level 623 ft at 82 gal/min when drilled. <u>1</u> <u>2</u>
104	B. R. Lincecum	do	1974	190	6	190	Kgw	762	105	Dec. 12, 1974	S, E 3	Irr	Slotted from 110-190 ft. Pump set at 147 ft. <u>1</u>

See footnotes at end of table.

## JOHNSON COUNTY

Table I.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*PX-32-47-105	Mohawk Water Corporation	Ceyer Drilling Co.	1972	754	4	754	Kcpa	--	500	Aug. 29, 1972	S, E 5	P	Cemented to bottom. Slotted screen from 730-750 with open hole to bottom. Pump set at 550 ft. Drawdown 50 ft at 25 gal/min when drilled. <u>2</u>
106	Prime Moresco Addition	C. M. Stoner Drilling Co.	1970	770	4	770	Kcpa	--	440	Jan. 20, 1970	S, E 5	P	Cemented to bottom. Gun perforated from 714-730 ft. Pump set at 546 ft. <u>1</u>
107	Mohawk Water Corporation	Ceyer Drilling Co.	1977	163	6 5	145 163	Kgw	--	70	July 15, 1977	S, L	P	Cemented to 145 ft. Perforated from 145-160 ft. Pump set at 147 ft. Drawdown 75 ft pumping 60 gal/min in July 1977. <u>1</u>
202	T. G. Couch	C. M. Stoner Drilling Co.	1964	216	4	216	Kgw	670	88.2 99.3	Aug. 2, 1966 Nov. 8, 1974	S, E 1/2	D	Cemented to bottom. Gun perforated from 189-196 ft. <u>3</u>
304	Hazel Redil	C. G. Wallen and Son	1965	272	4	264	Kgw	655	104	Oct. 23, 1965	S, E 3/4	D	Cemented to bottom. Gun perforated from 219-223; 224-227; and 246-252 ft. Pump set at 210 ft. <u>1</u> <u>2</u>
501	W. L. Forbes	--	1935	762	8 4	190 731	Kcpa	710	--	--	N	N	Abandoned oil test. <u>1</u>
506	J. E. Meyer	Ticknor Drilling Service	1972	150	4	150	Kgw	655	70	Feb. 4, 1972	S, E	D	Cemented to bottom. Gun perforated from 100-104 and 136-140 ft. Pump set at 105 ft. Reported yield 15 gal/min. <u>1</u> <u>2</u>
801	City of Grandview	G. C. Ingle	1946	210	12	--	Kgw	691	93	Sept. 1960	T, E 7 1/2	P	Pump set at 190 ft. Reported yield 80 gal/min.
802	do	C. M. Stoner Drilling Co.	1955	868	8 6	798 852	Kcpa	694	257 236	Mar. 24, 1955 1957	T, E 20	O	Screened from 802-846 ft. Pumping level 305 ft at 83 gal/min when drilled. Reported yield 125 gal/min. Temp. 79°F. <u>2</u>
803	do	Layne-Texas Co.	1945	214	12 7	168 212	Kgw	695	108.5 105.5	Oct. 25, 1966 Nov. 16, 1967	N	N	Cemented to 168 ft. Mill slotted screen from 187-210 ft. Underreamed. Gravel packed. Drawdown 50 ft. Pumping level 155 ft at 72 gal/min when drilled. Plugged. Temp. 69°F. <u>1</u>
805	do	-- Stinson	1931	273	6	--	Kgw	697	105.5 106.8	Oct. 25, 1966 Jan. 24, 1975	S, E 5	P	Pump set at 187 ft. <u>3</u>
* 806	do	C. M. Stoner Drilling Co.	1964	224	6	224	Kgw	698	114.5 103.6	Aug. 30, 1966 Nov. 16, 1966	S, E 5	P	Cemented to bottom. Gun perforated from 182-204 ft. Measured pumping level 149.2 ft at 47 gal/min on Nov. 16, 1966. <u>1</u>
808	do	do	1974	1,710	8 4	1,610 1,710	Kctm	694	557	May 4, 1974	S, L 40	P	Gravel packed. Pump set at 789 ft. <u>1</u>
809	Grandview Independent School District	C. G. Wallen and Son	1972	260	7	254	Kgw	678	103	Sept. 11, 1972	S, E 1 1/2	Iri	Cemented to bottom. Gun perforated from 87-194, 219-221; 223-229, and 230-237 ft. Reported yield 33 gal/min. Temp. 71°F. <u>1</u>
810	Barker Chemical Co.	do	1973	220	7	215	Kgw	640	93	Mar. 26, 1973	S, E 2	Ind	Cemented to bottom. Gun perforated from 196-201 ft. Reported yield 9 gal/min. Temp. 64°F. <u>1</u>
48-402	Horace Mitchell	--	--	140	6	--	Kgw	647	74.4 62.6	Aug. 30, 1966 Nov. 8, 1974	N	N	<u>3</u>
403	O. K. Smith	--	--	135	4	--	Kgw	579	55.6 65.0	Aug. 30, 1966 Nov. 8, 1974	C, E	D	<u>3</u>
52-201	Cleburne Independent School District	--	1915	100	4	--	Kcpa	663	75.4 69.1	Aug. 23, 1960 Nov. 11, 1974	W	N	<u>3</u>
202	Texas Lime Co.	C. M. Stoner Drilling Co.	1965	926	7	926	Kctm	760	251.5 341.1	July 20, 1966 Nov. 11, 1974	S, L 40	D, Ind	Slotted from 784-793 ft. Pump set at 700 ft. Reported yield 222 gal/min. <u>1</u> <u>3</u>

See footnotes at end of table.



## JOHNSON COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
PX-32-52-505	General Portland Cement	--	1959	520	8	--	Kctm	625	--	--	T, E 40	Ind	Pump set at 340 ft.
" 53-302	Wallis Simpson Water Co.	Ralph Bayless	1960	510	7	400	Kcpa	743	265 298.0	Sept. 1960 Aug. 17, 1966	S, E 1 1/2	P	Open hole from 400-510 ft. Pump set at 360 ft. Reported yield 10 gal/min.
" 303	do	C. G. Wallen and Son	1955	515	7	400	Kcpa	740	265	Sept. 6, 1960	S, E 3	P	Open hole from 400-515 ft. Pumping level 385 ft at 18 gal/min on Sept. 6, 1960.
" 402	U.S. Army Corps of Engineers Ham Creek Park	--	--	550	--	--	Kcpa	540	59.5	June 6, 1968	S, E 3/4	P	--
" 54-101	Wallis Simpson Water Co.	C. M. Stoner Drilling Co.	1965	1,215	7	1,215	Kctm	737	317.4 313.2	Aug. 17, 1966 Oct. 24, 1966	S, E 25	P	Cemented to 1,107 ft. Slotted from 1,137-1,215 ft. Pump set at 611 ft. Measured pumping level 400 ft at 168 gal/min on Aug. 17, 1966. Reported yield 150 gal/min in 1975. Temp. 84°F. <u>1</u> <u>2</u>
" 54-102	M. W. Cooper	do	1972	580	4	480	Kcpa	700	415	Nov. 20, 1972	S, E 3	D	Cemented to bottom. Gun perforated from 499-503; 514-518; 535-558; and 540-543 ft. Pump set at 483 ft. <u>1</u>

\* For chemical analyses of water, see Table 4.

<sup>1</sup> Drillers' log in files of the Texas Department of Water Resources.

<sup>2</sup> Mechanical logs in files of the Texas Department of Water Resources.

<sup>3</sup> For water-level measurements, see Table 3.

# JOHNSON COUNTY

## Table 3.—Water Levels in Selected Wells

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well PX-32-28-702</b>		<b>Well PX-32-30-805—Continued</b>		<b>Well PX-32-36-402—Continued</b>	
Owner: B. F. Bone		Nov. 5, 1975	477.1	Nov. 14, 1972	81.4
Sept. 22, 1966	292.8	Nov. 4, 1976	475.9	Nov. 14, 1973	82.1
May 28, 1970	274.2	Nov. 22, 1977	478.1	Nov. 14, 1975	83.3
Feb. 23, 1971	287.8	<b>Well PX-32-31-802</b>		Nov. 3, 1976	84.6
Nov. 1, 1971	299.7	Owner: P. M. Odom		Nov. 22, 1977	85.1
Nov. 14, 1972	306.4	July 21, 1966	144.5	<b>Well PX-32-36-604</b>	
Nov. 12, 1973	302.2	May 20, 1970	145.6	Owner: James Somerhill	
Nov. 12, 1974	296.0	Feb. 22, 1971	143.4	Oct. 6, 1966	381.4
Nov. 4, 1975	295.2	Nov. 2, 1971	143.6	May 28, 1970	386.6
Nov. 3, 1976	295.1	Nov. 13, 1972	149.1	Feb. 23, 1971	386.0
Nov. 21, 1977	275.1	Nov. 13, 1973	147.1	Nov. 1, 1971	386.4
<b>Well PX-32-29-902</b>		Nov. 6, 1975	152.2	Nov. 14, 1972	382.4
Owner: Luther H. Wilson		Nov. 4, 1976	151.4	Nov. 14, 1973	384.4
Aug. 11, 1966	439.0	Nov. 28, 1977	152.9	Nov. 11, 1974	387.3
May 18, 1970	445.1	<b>Well PX-32-32-701</b>		Nov. 5, 1975	392.7
Feb. 23, 1971	444.1	Owner: Clarence Phillips		Nov. 3, 1976	393.4
Nov. 3, 1971	446.3	Oct. 6, 1966	165.5	Nov. 22, 1977	394.2
Nov. 20, 1972	446.5	May 21, 1970	169.8	<b>Well PX-32-37-702</b>	
Nov. 9, 1973	445.0	Feb. 22, 1971	170.8	Owner: Jim Thomas	
Nov. 8, 1974	445.9	Nov. 2, 1971	170.5	Oct. 6, 1966	380.8
Nov. 5, 1975	446.8	Nov. 13, 1972	177.4	May 28, 1970	384.5
Nov. 4, 1976	445.5	Nov. 13, 1973	177.5	Nov. 14, 1972	383.4
Nov. 22, 1977	448.7	Nov. 8, 1974	181.2	Nov. 14, 1973	383.1
<b>Well PX-32-30-805</b>		Nov. 6, 1975	184.7	Nov. 11, 1974	363.9
Owner: George W. Webb		Nov. 4, 1976	186.0	Nov. 4, 1975	383.5
Sept. 6, 1966	462.6	Nov. 28, 1977	188.2	Nov. 3, 1976	369.7
May 18, 1970	471.1	<b>Well PX-32-36-402</b>		Nov. 22, 1977	370.0
Feb. 23, 1971	474.5	Owner: J. K. Kimbro		<b>Well PX-32-38-501</b>	
Nov. 3, 1971	476.7	Sept. 29, 1966	82.7	Owner: D. P. Eaton	
Nov. 20, 1972	479.2	May 28, 1970	83.1	Aug. 11, 1960	24.5
Nov. 9, 1973	475.2	Nov. 1, 1971	83.9	May 20, 1970	22.1
Nov. 8, 1974	478.1				

# JOHNSON COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well PX-32-38-501—Continued</b>		<b>Well PX-32-38-901—Continued</b>		<b>Well PX-32-39-602—Continued</b>	
Feb. 22, 1971	23.5	Nov. 9, 1971	904	Nov. 6, 1975	170.1
Nov. 3, 1971	20.5	Aug. 3, 1972	920 *	Nov. 4, 1976	173.7
Nov. 13, 1972	23.1	Jan. 20, 1973	810	Nov. 28, 1977	175.1
Nov. 13, 1973	19.7	June 12, 1973	773		
Nov. 8, 1974	5.4	Nov. 9, 1973	797	<b>Well PX-32-39-701</b>	
Nov. 5, 1975	8.9	Nov. 11, 1974	890 *	Owner: City of Alvarado	
Nov. 3, 1976	6.2	Jan. 14, 1975	835	Aug. 16, 1960	360
Nov. 23, 1977	9.0	Nov. 5, 1975	820	June 14, 1965	465
		Nov. 3, 1976	820	Nov. 1, 1966	498.7
<b>Well PX-32-38-602</b>		Dec. 20, 1976	785	Nov. 9, 1971	714 *
Owner: Ernest Adams		Nov. 23, 1977	975 *	Nov. 9, 1973	723 *
Aug. 11, 1960	17.9			Nov. 6, 1975	553.0
May 19, 1970	13.0	<b>Well PX-32-39-201</b>		Nov. 5, 1976	620.0
Nov. 3, 1971	13.5	Owner: R. W. Brown		Nov. 23, 1977	593.0
Nov. 13, 1973	10.8	Oct. 6, 1966	130.8		
Nov. 11, 1974	13.2	May 20, 1970	132.8	<b>Well PX-32-39-705</b>	
Nov. 5, 1975	14.1	Feb. 22, 1971	134.1	Owner: --Hime	
Nov. 3, 1976	12.1	Nov. 2, 1971	133.6	Aug. 3, 1966	128.5
Nov. 23, 1977	15.9	Nov. 13, 1972	134.1	May 21, 1970	116.2
		Nov. 13, 1973	133.3	Feb. 22, 1971	114.7
<b>Well PX-32-38-701</b>		Nov. 8, 1974	134.6	Nov. 2, 1971	114.1
Owner: J. C. Seely		Nov. 6, 1975	137.1	Nov. 13, 1972	109.6
Sept. 29, 1966	380.2	Nov. 4, 1976	134.9	Nov. 13, 1973	110.3
May 29, 1970	385.6	Nov. 28, 1977	102.7	Nov. 8, 1974	117.4
Feb. 23, 1971	386.8			Nov. 5, 1975	112.9
Nov. 2, 1971	387.4	<b>Well PX-32-39-602</b>			
Nov. 14, 1972	381.7	Owner: W. I. Boteler		<b>Well PX-32-39-901</b>	
		Oct. 13, 1966	148.3	Owner: Roy Plunkett	
<b>Well PX-32-38-901</b>		Feb. 22, 1971	155.9	Oct. 12, 1966	163.7
Owner: Bethany Water Supply Corporation		Nov. 2, 1971	156.2	May 21, 1970	160.2
Oct. 5, 1964	640	Nov. 13, 1972	158.5	Feb. 22, 1971	154.3
Dec. 31, 1964	720 *	Nov. 13, 1973	161.5	Nov. 2, 1971	157.2
Aug. 8, 1966	638	Nov. 8, 1974	164.4	Nov. 13, 1972	163.3
				Nov. 13, 1973	158.8

\* Pumping level

# JOHNSON COUNTY

## Table 3.—Water Levels in Selected Wells—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well PX-32-39-901—Continued</b>		<b>Well PX-32-46-702—Continued</b>		<b>Well PX-32-47-805—Continued</b>	
Nov. 8, 1974	160.9	Nov. 14, 1973	319.8	Jan. 24, 1975	106.8
Nov. 6, 1975	165.3	Nov. 11, 1974	319.9	Nov. 6, 1975	100.1
Nov. 5, 1976	164.4	Nov. 5, 1975	320.2	Nov. 5, 1976	99.2
Nov. 28, 1977	168.1	Nov. 4, 1976	323.0	Nov. 23, 1977	97.0
<b>Well PX-32-45-601</b>		<b>Well PX-32-46-907</b>		<b>Well PX-32-48-402</b>	
Owner: City of Cleburne		Owner: Johnson County Rural Water Supply Corporation		Owner: Horace Mitchell	
Apr. 16, 1955	444	Apr. 13, 1972	588	Aug. 30, 1966	74.4
Apr. 16, 1955	649 *	June 13, 1973	626	May 21, 1970	73.1
Apr. 1958	555	Nov. 8, 1974	680 *	Feb. 22, 1971	73.3
Nov. 9, 1971	685	Apr. 1, 1975	655	Nov. 8, 1974	62.6
Nov. 20, 1972	600	Nov. 5, 1975	757.4	Nov. 5, 1976	63.5
Nov. 12, 1973	665	Dec. 21, 1976	798	Nov. 28, 1977	67.1
Nov. 8, 1974	742	Nov. 28, 1977	862 *	<b>Well PX-32-48-403</b>	
<b>Well PX-32-46-402</b>		<b>Well PX-32-47-202</b>		Owner: O. K. Smith	
Owner: Jack Johnson		Owner: T. G. Couch		Aug. 30, 1966	55.6
Sept. 15, 1966	402.9	Aug. 2, 1966	88.2	May 22, 1970	57.1
May 26, 1970	417.2	May 25, 1970	93.7	Feb. 22, 1971	59.2
Feb. 25, 1971	406.9	Nov. 13, 1972	99.1	Nov. 2, 1971	60.6
Nov. 2, 1971	409.2	Nov. 13, 1973	101.7	Nov. 13, 1972	62.7
Nov. 8, 1974	417.0	Nov. 8, 1974	99.3	Nov. 13, 1973	67.5
Nov. 5, 1975	416.3	Nov. 6, 1975	99.4	Nov. 8, 1974	65.0
Nov. 4, 1976	421.7	Nov. 5, 1976	98.2	Nov. 6, 1975	69.8
Nov. 22, 1977	422.0	Nov. 23, 1977	98.8	Nov. 5, 1976	67.9
<b>Well PX-32-46-702</b>		<b>Well PX-32-47-805</b>		Nov. 28, 1977	70.6
Owner: G. E. Greeson		Owner: City of Grandview		<b>Well PX-32-52-201</b>	
Aug. 18, 1966	300.3	1931	51	Owner: Cleburne Independent School District	
May 26, 1970	314.3	Oct. 25, 1966	105.5	Aug. 23, 1960	75.4
Feb. 24, 1971	311.1	May 25, 1970	89.0	July 13, 1966	72.8
Nov. 2, 1971	317.4	Nov. 2, 1971	83.2	May 27, 1970	69.8
Nov. 14, 1972	318.0			Nov. 1, 1971	78.7

\* Pumping level

# JOHNSON COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well PX-32-52-201—Continued</b>		<b>Well PX-32-52-202</b>		<b>Well PX-32-52-202—Continued</b>	
Nov. 14, 1972	78.1	Owner: Texas Lime Co.		Nov. 1, 1971	290.1
Nov. 14, 1973	71.0	Oct. 15, 1965	250	June 12, 1973	321.1
Nov. 11, 1974	69.1	July 20, 1966	251.5	Nov. 11, 1974	341.1
Nov. 5, 1975	75.3	May 27, 1970	287.9	Nov. 5, 1975	377.4*
Nov. 3, 1976	76.4	Feb. 23, 1971	289.3	Nov. 3, 1976	361.5
Nov. 22, 1977	77.3				

\* Pumping level

JOHNSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate).

Water-bearing unit: Kcpa, Faluxy Formation, Kctm, Twin Mountains Formation; Kgw, Woodbine Group.

Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids.  
Analyses by Texas Department of Health.

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
EX-32-28-702	Kcpa	375	May 28, 1970	41	--	55	21	33	--	303	33	12	0.3	< 0.4	--	344	225	528	7.4	24	0.9	0.4
702	Kcpa	375	July 14, 1976	17	--	65	16	34	--	301	33	13	.3	< .4	--	326	227	545	7.6	24	.9	.3
703	Kctm	910	Sept. 22, 1966	11	0.2	1	0	236	1.0	464	59	36	1.2	.8	--	574	4	978	8.3	99	65.0	7.5
703	Kctm	910	Aug. 23, 1977	--	--	2	1	248	--	442	59	48	1.2	1.8	--	605	6	1,080	9.0	98	35.7	7.0
29-902	Kcpa	584	Aug. 11, 1966	31	--	242	33	106	2.9	374	308	251	.2	.0	--	1,157	740	1,820	7.0	24	1.6	.0
902	Kcpa	584	May 18, 1970	11	--	1	1	184	--	400	32	7	.4	< .4	--	433	9	714	8.8	98	31.1	6.4
902	Kcpa	584	Nov. 20, 1972	11	--	1	2	182	--	378	30	9	.5	< .4	--	421	9	715	9.0	97	24.1	5.9
902	Kcpa	584	July 15, 1976	12	--	1	1	184	--	400	32	9	.4	2.0	--	438	4	721	8.9	98	31.1	6.4
30-501	Kctm	1,180	Apr. 4, 1957	--	--	2	1	244	--	473	106	27	1.6	1.0	--	640	8	1,062	8.5	98	35.1	--
503	Kcpa	550	Feb. 12, 1943	12	--	1	1	205	8.0	426	41	13	.6	3.0	--	494	4	--	8.8	96	34.6	6.8
503	Kcpa	550	Apr. 4, 1957	--	.1	2	1	244	--	475	99	25	1.5	1.0	--	620	8	1,040	8.3	98	35.1	--
602	Kctm	1,400	Aug. 12, 1975	--	--	3	1	302	--	434	227	36	2.1	< .4	--	785	12	1,420	8.7	98	38.5	6.8
805	Kcpa	667	May 18, 1970	10	--	1	1	204	--	459	39	9	.8	1.5	--	491	8	803	8.7	98	34.5	7.3
805	Kcpa	667	July 15, 1976	10	--	3	1	216	--	442	41	13	.9	< .4	--	502	11	835	9.0	98	27.5	7.0
908	Kctm	1,568	Aug. 12, 1975	--	--	5	1	286	--	459	178	50	1.9	2.2	--	750	16	1,368	8.6	97	30.5	7.1
909	Kcpa	654	Feb. 15, 1976	--	--	1	1	223	--	456	55	11	1.3	2.8	--	545	6	959	8.9	99	37.7	7.3
31-706	Kctm	1,640	Dec. 10, 1976	--	.1	2	0	263	--	444	82	63	1.4	.0	--	630	9	1,050	8.6	99	51.2	7.1
802	Kgw	240	July 21, 1966	9	--	18	6	192	2.5	332	181	24	1.0	.0	--	596	69	973	7.8	85	10.0	4.0
802	Kgw	240	May 20, 1970	9	--	19	7	184	--	325	184	24	.9	1.5	--	589	76	903	7.7	84	9.1	3.8
802	Kgw	240	July 15, 1976	10	.6	21	5	188	--	321	183	28	.9	1.5	--	595	75	915	8.1	85	9.5	3.8
805	Kctm	1,721	Oct. 1, 1976	--	.1	2	0	249	--	412	60	67	.9	.0	--	582	9	1,000	8.8	99	48.5	6.6
902	Kgw	212	Jan. 29, 1975	10	--	22	4	144	--	295	102	22	.7	6.0	--	455	73	715	8.5	81	7.4	3.4
32-701	Kgw	240	May 21, 1970	11	--	23	8	148	--	278	127	43	.5	1.5	--	498	92	802	7.4	78	6.7	2.7
701	Kgw	240	July 15, 1976	12	.1	24	7	149	--	281	126	43	.4	< .4	--	500	86	796	8.1	78	6.8	2.8
704	Kgw	300	Nov. 19, 1976	12	--	88	33	147	--	200	462	19	.3	< .4	--	860	355	1,240	7.8	47	3.3	.0
36-303	Kctm	1,151	Mar. 20, 1975	12	--	4	1	147	--	333	43	13	.3	5.7	--	389	16	612	7.8	96	17.0	5.1
303	Kctm	1,151	Sept. 25, 1975	--	.1	2	1	254	--	398	79	62	1.0	2.0	--	596	8	960	8.7	98	36.6	6.3

## JOHNSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
PX-32-36-304	Kcpa	505	Jan. 15, 1975	--	0.1	2	1	244	--	445	77	66	1.1	< 0.4	--	610	9	1,160	8.7	98	35.1	7.1
402	Kcpa	105	May 28, 1970	18	--	77	14	18	--	296	35	9	.1	< .4	--	317	251	501	8.0	14	.4	.0
402	Kcpa	105	July 14, 1976	17	--	79	13	17	--	310	21	10	.2	< .4	--	310	250	507	7.7	13	.4	.0
501	Kctm	1,138	Oct. 17, 1942	16	.1	3	1	230	--	375	91	43	.6	.0	--	569	10	--	8.4	98	29.3	5.9
601	Kcpa	430	Feb. 11, 1943	13	--	2	1	163	6.4	349	39	18	.2	.0	--	414	7	--	8.3	95	23.5	5.5
602	Kcpa	428	do	11	--	2	1	164	4.0	330	41	16	.4	.0	--	401	8	--	8.4	96	23.6	5.2
606	Kcpa	505	Jan. 7, 1963	--	--	5	3	172	--	361	42	24	.3	2.0	--	425	24	768	8.5	94	15.0	5.4
606	Kcpa	505	Dec. 14, 1976	--	--	2	1	161	--	334	36	15	.2	< .4	--	400	12	702	8.9	97	23.2	5.2
608	Kcpa	425	Oct. 4, 1966	11	--	2	1	165	.9	384	38	10	.3	.2	--	417	6	695	8.2	97	23.7	6.1
608	Kcpa	425	Dec. 14, 1976	--	.2	2	1	164	--	350	31	12	.2	1.4	--	401	10	720	8.8	98	23.6	5.5
37-202	Kcpa	690	Feb. 15, 1976	--	--	1	1	184	--	359	41	20	.4	< .4	--	452	6	804	9.0	98	31.1	5.7
303	Kcpa	677	Feb. 11, 1943	9	--	2	1	175	4.2	346	33	12	.4	2.0	--	408	7	--	9.0	96	25.2	5.4
303	Kcpa	677	Dec. 1, 1957	--	.0	4	1	190	--	411	45	38	.4	2.2	--	478	14	796	8.2	97	22.0	--
303	Kcpa	677	Jan. 15, 1975	12	--	2	1	173	--	410	33	12	.4	< .4	--	435	6	690	8.3	98	24.9	6.5
311	Kcpa	688	Dec. 1, 1961	--	.2	2	1	174	--	366	31	10	.4	< .4	--	400	6	--	--	98	25.0	5.8
311	Kcpa	688	July 16, 1965	--	--	2	1	177	--	357	30	11	.4	< .4	--	397	9	768	--	98	25.5	5.6
311	Kcpa	688	Jan. 15, 1975	10	--	2	1	174	--	422	24	16	.4	< .4	0.3	435	6	695	8.1	98	25.0	6.7
312	Kctm	1,270	Sept. 25, 1975	--	.0	3	1	246	--	440	83	45	1.4	1.5	--	597	8	1,120	8.9	98	31.4	6.9
313	Kctm	1,320	Apr. 10, 1969	--	.0	2	1	247	--	371	98	44	1.0	1.0	--	576	10	900	8.7	98	35.6	5.8
313	Kctm	1,320	Sept. 25, 1975	--	.1	2	1	236	--	429	90	39	1.3	1.6	--	582	9	1,080	8.8	98	34.0	6.8
314	Kctm	1,330	Jan. 15, 1975	12	--	3	1	267	--	439	77	93	.9	1.6	--	681	11	1,115	8.7	98	34.1	7.2
403	Kctm	1,195	Sept. 25, 1975	--	.0	2	1	224	--	418	83	40	1.1	1.5	--	558	11	1,043	8.7	98	32.3	6.6
702	Kcpa	478	May 28, 1970	30	--	1	1	182	--	470	5	8	.3	< .4	--	458	9	684	8.1	98	30.8	7.5
803	Kcpa	548	Feb. 12, 1975	10	--	2	1	189	--	400	36	15	.6	2.3	--	452	8	743	8.8	98	27.2	6.3
901	Kctm	1,283	Apr. 24, 1958	15	--	2	1	232	--	403	91	39	--	--	--	578	7	972	8.7	98	33.4	6.4
903	Kcpa	603	Feb. 12, 1975	12	--	2	1	216	--	483	53	17	1.1	.5	--	540	11	830	8.2	98	31.1	7.7
905	Kctm	1,408	May 2, 1977	--	.0	3	2	235	--	374	103	40	1.0	.0	--	568	20	900	8.8	97	25.7	5.8
38-102	Kctm	1,437	July 10, 1965	11	.2	2	1	274	--	444	146	36	1.7	1.2	--	691	9	1,100	8.7	98	39.5	7.0
102	Kctm	1,437	Aug. 9, 1966	13	--	3	1	259	1.2	452	160	27	1.6	.2	--	688	10	1,120	8.2	98	33.0	7.1
102	Kctm	1,437	Aug. 12, 1975	--	--	3	1	255	--	431	138	32	1.8	1.9	--	645	11	1,184	8.7	98	32.5	6.8
106	Kcpa	700	Jan. 15, 1975	11	--	2	1	186	1.0	426	42	8	.7	1.9	--	463	8	749	8.6	97	26.8	6.8
203	Kcpa	741	Feb. 12, 1975	12	--	2	1	206	1.0	417	49	15	.9	2.6	.6	495	9	800	8.8	98	29.7	6.6
308	Kcpa	810	Feb. 1, 1972	--	.2	1	1	227	--	--	58	15	1.2	< .4	--	--	9	--	9.3	99	38.4	--

## JOHNSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells---Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
PX-32-38-309	Kctm	1,490	Jan. 14, 1969	--	0.1	4	2	272	--	388	191	31	2.4	0.5	--	693	18	990	8.5	97	27.7	5.9
309	Kctm	1,490	Aug. 12, 1975	--	--	5	1	264	--	427	181	30	2.0	2.1	--	695	16	1,260	8.5	97	28.2	6.6
403	Kctm	1,449	July 16, 1973	--	.1	2	2	244	--	403	111	36	1.0	.0	--	594	12	890	8.5	98	29.1	6.3
403	Kctm	1,449	Aug. 12, 1975	--	--	4	1	242	--	423	117	33	1.8	< .4	--	607	11	1,120	8.7	97	28.0	6.6
501	Kgw	33	May 20, 1970	18	--	42	12	53	--	79	116	31	.3	56.0	--	367	153	551	6.4	43	1.8	.0
701	Kcpa	700	May 29, 1970	10	--	1	1	195	--	398	47	17	.6	< .4	--	467	7	795	9.0	98	33.0	6.3
801	Kcpa	790	Jan. 13, 1971	12	--	2	1	227	--	465	68	19	1.6	< .4	--	559	12	924	8.8	98	32.7	7.4
801	Kcpa	790	Jan. 16, 1975	9	--	3	1	230	--	520	64	22	1.7	1.4	--	587	7	915	8.3	98	29.3	8.2
802	Kctm	1,508	Jan. 13, 1971	11	--	2	1	227	--	483	71	20	1.6	< .4	--	571	10	914	8.6	98	32.7	7.7
802	Kctm	1,508	Jan. 16, 1975	8	--	2	1	233	1.0	412	73	62	.6	< .4	0.4	583	8	960	8.7	98	33.6	6.5
803	Kctm	1,603	Jan. 13, 1971	13	--	3	1	227	--	403	75	59	.6	< .4	--	577	12	949	8.7	98	29.0	6.3
808	Kctm	1,501	do	13	--	3	1	227	--	417	71	58	.7	< .4	--	579	12	948	8.6	98	29.0	6.6
901	Kctm	1,630	Oct. 8, 1964	18	.1	2	2	243	--	412	66	63	.4	.0	--	597	12	--	8.8	98	29.0	6.4
901	Kctm	1,630	Aug. 4, 1966	14	.0	2	0	237	1.0	450	70	64	.7	.0	.4	610	6	1,030	8.1	99	46.1	7.2
901	Kctm	1,630	Jan. 22, 1976	--	--	1	1	239	--	411	51	66	.7	< .4	--	580	9	1,120	8.9	99	40.4	6.6
904	Kctm	1,590	Jan. 15, 1975	14	--	2	1	240	--	448	75	64	.8	< .4	--	617	9	975	7.9	98	34.6	7.1
905	Kctm	1,597	Jan. 22, 1976	--	--	2	1	239	--	444	72	60	.9	< .4	--	605	8	1,136	8.7	98	34.4	7.0
906	Kcpa	761	Feb. 19, 1975	10	--	2	1	267	--	530	96	24	2.0	3.2	--	665	8	1,030	8.6	98	38.5	8.5
39-201	Kgw	270	May 20, 1970	9	--	13	9	176	--	349	134	22	.7	5.0	--	540	68	830	7.7	85	9.1	4.3
201	Kgw	270	July 15, 1976	10	.5	15	3	185	--	348	126	24	.6	7.0	--	542	52	838	8.0	89	11.4	4.7
302	Kgw	276	Feb. 12, 1975	13	--	17	6	147	--	296	102	21	.6	9.0	--	461	68	700	7.9	83	7.8	3.5
505	Kgw	210	May 20, 1970	12	--	60	19	119	--	278	180	57	.7	3.0	--	587	229	919	7.3	53	3.4	.0
602	Kgw	250	May 29, 1970	27	--	38	15	144	--	312	185	20	.5	1.5	--	584	156	869	7.6	67	5.0	1.9
602	Kgw	250	Nov. 6, 1975	11	.8	35	20	150	--	312	183	22	.3	8.0	--	583	170	882	8.0	66	5.0	1.7
701	Kcpa	861	Oct. 26, 1966	12	--	2	1	297	.2	584	132	28	2.9	.0	--	762	5	1,240	8.1	98	42.8	9.3
701	Kcpa	861	July 15, 1976	12	--	4	1	306	--	550	128	34	3.0	< .4	--	758	10	1,200	8.6	98	35.4	8.7
702	Kctm-Kcpa	1,656	May 5, 1947	9	.1	3	1	281	--	503	102	40	--	--	--	683	11	--	8.4	98	35.8	8.0
702	Kctm-Kcpa	1,656	Mar. 7, 1949	13	--	2	1	285	--	546	128	32	.0	2.2	--	731	9	--	8.3	98	41.1	8.7
702	Kctm-Kcpa	1,656	Aug. 15, 1957	--	--	7	1	285	--	525	140	36	3.2	1.3	--	810	21	1,350	8.2	97	26.6	--
703	Kctm	1,677	Feb. 12, 1943	14	--	2	1	242	4.0	421	74	62	.2	.5	--	606	9	--	8.4	97	34.9	6.7
703	Kctm	1,677	Jan. 27, 1975	12	--	5	2	305	2.0	462	251	36	2.7	1.0	.7	844	20	1,200	8.1	97	29.1	7.1
705	Kgw	251	Aug. 3, 1966	10	--	4	1	216	2.5	445	82	26	1.5	3.8	--	565	13	949	7.6	96	25.0	7.0
705	Kgw	251	May 21, 1970	9	--	3	2	216	--	448	84	26	1.5	< .4	--	562	16	890	8.2	97	23.7	7.0



## JOHNSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
EX-32-39-709	Kcpa	796	Feb. 11, 1975	12	--	2	1	334	2.0	565	210	34	3.2	0.5	1.4	877	11	1,320	8.5	98	48.1	9.0
804	Kctm	1,778	May 11, 1977	--	0.1	4	1	271	--	445	146	43	1.8	.0	--	702	15	1,150	8.4	98	31.4	7.0
901	Kgw	--	May 21, 1970	11	--	28	11	162	--	321	158	29	.5	7.0	--	564	113	860	7.6	75	6.5	2.9
40-401	Kgw	380	Aug. 14, 1951	--	.6	10	6	276	--	378	259	28	.4	.9	--	834	50	--	8.3	92	17.0	5.2
402	Kgw	380	Apr. 19, 1961	10	--	5	2	259	2.2	388	223	21	.7	.0	--	713	20	1,130	8.0	96	24.7	5.9
402	Kgw	380	July 15, 1976	10	--	6	1	243	--	394	188	18	.5	< .4	--	660	18	1,016	8.3	96	24.1	6.0
44-205	Kctm	1,061	Sept. 25, 1975	--	.0	2	1	213	--	398	79	34	.5	< .4	--	526	10	973	8.7	98	30.7	6.3
504	Kctm	962	July 7, 1977	15	--	9	1	192	--	434	59	23	.4	1.2	--	513	28	809	8.1	94	16.2	6.5
601	Kcpa	405	July 20, 1966	10	--	1	0	184	.8	430	28	10	.5	.2	--	445	3	752	8.3	99	50.6	6.9
801	Kcpa	210	Aug. 19, 1965	--	.6	2	1	176	--	367	32	20	.4	< .4	--	433	8	780	9.0	98	25.3	5.8
801	Kcpa	210	Feb. 13, 1975	16	--	43	14	50	3.0	299	16	12	.3	1.3	.3	302	165	485	7.5	39	1.6	1.6
802	Kcpa	190	Aug. 19, 1965	--	.3	42	14	55	--	299	16	11	.3	< .4	--	285	163	540	7.8	42	1.8	1.6
802	Kcpa	190	Oct. 6, 1975	--	--	46	15	46	--	300	15	12	.3	3.4	--	286	178	548	7.8	36	1.5	1.3
45-203	Kctm	1,098	Feb. 20, 1975	12	--	2	1	216	1.0	371	97	41	.6	< .4	.4	553	6	878	8.7	98	31.1	5.8
301	Kctm	1,265	July 25, 1952	15	.1	17	1	217	--	410	104	50	.7	< .4	--	606	47	--	8.1	91	13.8	5.7
302	Kctm	1,250	Jan. 1, 1952	16	.1	15	8	216	--	--	119	46	.8	< .4	--	568	71	--	8.5	87	11.2	--
304	Kctm	1,260	Jan. 8, 1938	14	.3	4	1	--	--	--	97	50	.3	--	--	618	13	--	8.9	--	--	--
304	Kctm	1,260	Oct. 1, 1952	21	.4	11	3	230	--	--	126	46	1.2	< .4	--	640	40	--	8.6	93	15.8	--
306	Kctm	936	Feb. 28, 1952	14	.0	2	1	231	1.2	441	109	34	1.1	1.5	.6	612	10	983	8.3	98	33.3	7.0
307	Kctm	1,206	Mar. 7, 1949	14	--	2	1	222	14.0	370	104	39	1.2	1.5	--	580	9	--	8.6	95	32.0	5.8
308	Kctm	1,206	July 7, 1949	13	--	2	1	224	12.0	356	108	40	1.0	1.5	--	577	11	--	8.6	95	32.3	5.6
313	Kctm	950	Feb. 12, 1943	12	.1	1	1	205	8.0	480	41	13	.6	3.0	--	520	4	--	8.8	96	34.6	7.7
315	Kctm	1,196	Feb. 11, 1943	13	.1	2	1	231	6.4	413	102	52	.3	.0	--	610	10	--	8.8	97	33.3	6.5
601	Kctm	1,266	Apr. 19, 1955	14	.2	2	1	235	--	378	106	42	--	--	--	587	9	--	8.7	98	33.8	6.0
601	Kctm	1,266	May 10, 1976	--	.1	5	1	227	--	382	122	37	1.1	1.8	--	583	14	1,048	8.8	97	24.2	5.9
801	Kcpa	610	July 14, 1976	9	--	4	1	355	--	710	115	20	8.0	3.4	--	864	12	1,400	8.8	98	41.1	11.3
902	Kctm	1,215	Sept. 1, 1970	--	--	3	2	210	--	--	103	35	.4	1.0	--	--	13	--	8.8	97	23.0	--
46-201	Kctm	1,518	Sept. 28, 1966	13	.1	3	1	240	1.4	432	129	32	1.3	.2	--	633	8	1,030	8.0	97	30.6	6.8
201	Kctm	1,518	Sept. 25, 1975	--	.0	2	1	229	--	409	96	51	.8	< .4	--	581	11	1,072	8.6	98	33.0	6.5
202	Kcpa	698	Jan. 29, 1975	10	--	2	1	305	--	600	110	29	4.0	2.1	--	758	8	1,164	8.3	99	43.9	9.6
209	Kgw	160	Feb. 19, 1975	7	--	129	44	108	--	303	294	139	.9	6.0	--	876	500	1,300	7.5	32	2.0	.0
402	Kcpa	640	May 26, 1970	27	--	2	1	242	--	472	87	24	1.7	2.0	--	618	8	971	8.9	98	34.9	7.5
403	Kctm	1,425	Sept. 25, 1976	--	.0	2	1	229	--	371	102	51	.6	< .4	--	568	7	1,072	8.9	98	33.0	5.8

## JOHNSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
PX-32-46-702	Kcpa	537	May 26, 1970	26	--	2	2	290	--	570	91	44	3.2	< 0.4	--	738	11	1,146	8.6	98	34.7	9.0
702	Kcpa	537	July 14, 1976	11	--	3	1	273	--	530	88	47	2.7	2.1	--	688	10	1,124	8.6	98	34.8	8.4
903	Kctm	1,612	Feb. 10, 1968	--	--	3	1	248	--	412	84	70	.1	.5	--	623	9	1,120	8.7	98	31.6	6.5
903	Kctm	1,612	Oct. 16, 1975	--	--	2	1	219	--	381	71	51	.6	1.2	--	550	8	1,043	8.8	98	31.5	6.0
907	Kctm	1,560	Jan. 23, 1975	14	--	2	1	218	--	381	82	51	.7	< .4	--	556	9	909	8.6	98	31.4	6.0
907	Kctm	1,560	Sept. 25, 1975	--	0.0	3	1	219	--	394	84	51	.6	< .4	--	553	10	1,015	8.6	98	27.9	6.2
47-101	Kcpa	795	Aug. 3, 1966	11	--	1	1	302	1.8	622	107	27	3.8	3.2	--	763	4	1,260	8.1	99	51.1	10.0
101	Kcpa	795	May 28, 1970	10	--	2	2	302	--	610	113	27	4.4	< .4	--	760	12	1,167	8.4	98	36.1	9.7
101	Kcpa	795	July 15, 1976	11	--	3	1	307	--	600	108	29	3.9	1.8	--	759	9	1,200	8.6	98	39.2	9.6
103	Kctm	1,680	Sept. 25, 1975	--	.1	2	1	229	--	411	68	58	.6	< .4	--	561	10	1,050	8.7	98	33.0	6.5
105	Kcpa	754	Mar. 9, 1977	--	--	2	1	296	--	550	125	26	2.9	< .4	--	755	10	1,350	8.9	99	42.6	8.8
202	Kgw	216	Aug. 2, 1966	12	--	48	15	107	5.0	286	147	25	.4	.2	--	500	182	828	7.1	55	3.4	1.0
304	Kgw	272	July 15, 1976	11	.2	8	2	157	--	339	60	22	1.0	< .4	--	428	27	690	8.1	92	12.8	4.9
801	Kgw	210	Aug. 8, 1952	--	.4	32	16	140	--	268	183	43	.7	< .4	--	540	140	--	7.4	68	5.0	--
801	Kgw	210	May 25, 1970	17	--	405	89	111	--	364	1,100	118	.9	3.0	--	2,022	1,380	2,340	7.0	15	1.3	.0
801	Kgw	210	Nov. 14, 1973	12	--	43	15	144	--	266	192	44	.7	9.0	--	590	169	928	7.5	65	4.8	.9
802	Kcpa	852	Mar. 8, 1955	--	1.7	3	1	401	--	695	233	50	5.6	< .4	--	1,079	12	--	8.4	99	51.2	--
802	Kcpa	852	Aug. 30, 1966	11	--	3	2	408	2.3	684	251	39	7.2	.0	--	1,059	14	1,700	8.3	98	44.7	10.8
802	Kcpa	852	July 14, 1976	9	--	12	1	393	--	650	280	49	7.1	< .4	--	1,071	32	1,650	--	96	29.2	9.9
803	Kgw	214	Mar. 7, 1949	14	.0	63	26	138	7.2	274	249	57	.6	9.0	0.8	699	264	1,080	7.2	52	3.6	.0
805	Kgw	273	Apr. 21, 1943	13	.0	21	9	138	3.4	273	115	31	.5	5.6	--	470	88	--	7.8	76	6.3	2.6
805	Kgw	273	Aug. 16, 1952	--	2.7	106	44	120	--	293	345	75	.4	< .4	--	880	446	--	7.2	37	2.4	--
805	Kgw	273	Aug. 30, 1966	12	--	46	17	136	5.0	282	192	42	.5	.2	--	589	185	957	7.4	61	4.3	.9
805	Kgw	273	Jan. 24, 1975	13	--	213	40	123	--	293	580	80	.8	14.0	--	1,207	700	1,600	7.6	28	2.0	.0
806	Kgw	224	July 27, 1964	--	.2	14	6	159	--	288	120	36	.7	< .4	--	478	61	872	8.2	85	8.9	3.5
808	Kctm	1,710	July 14, 1976	13	--	3	1	239	--	426	73	66	.8	< .4	--	605	8	996	8.8	98	30.5	6.7
809	Kgw	260	Feb. 18, 1975	14	--	10	3	247	2.0	447	118	64	.5	.9	.7	679	37	1,031	7.7	93	17.5	6.5
810	Kgw	220	do	9	--	5	1	243	--	447	117	32	1.4	8.0	--	636	17	953	8.0	97	25.9	6.9
48-403	Kgw	135	May 22, 1970	8	--	4	2	444	--	580	403	67	2.0	3.5	--	1,218	17	1,790	8.3	98	45.2	9.1
403	Kgw	135	Nov. 13, 1973	8	--	4	1	447	--	580	407	76	2.0	4.7	--	1,234	15	1,830	8.1	98	51.8	9.2
403	Kgw	135	July 15, 1976	9	7.2	6	1	440	--	580	391	71	1.7	3.6	--	1,215	17	1,800	8.2	98	43.8	9.1
52-202	Kctm	926	July 20, 1966	11	--	2	1	195	1.2	400	63	24	.4	.0	--	494	6	828	8.3	98	28.1	6.3
202	Kctm	926	May 27, 1970	28	--	2	1	193	--	397	65	23	.3	< .4	--	507	8	780	8.5	98	27.8	6.3

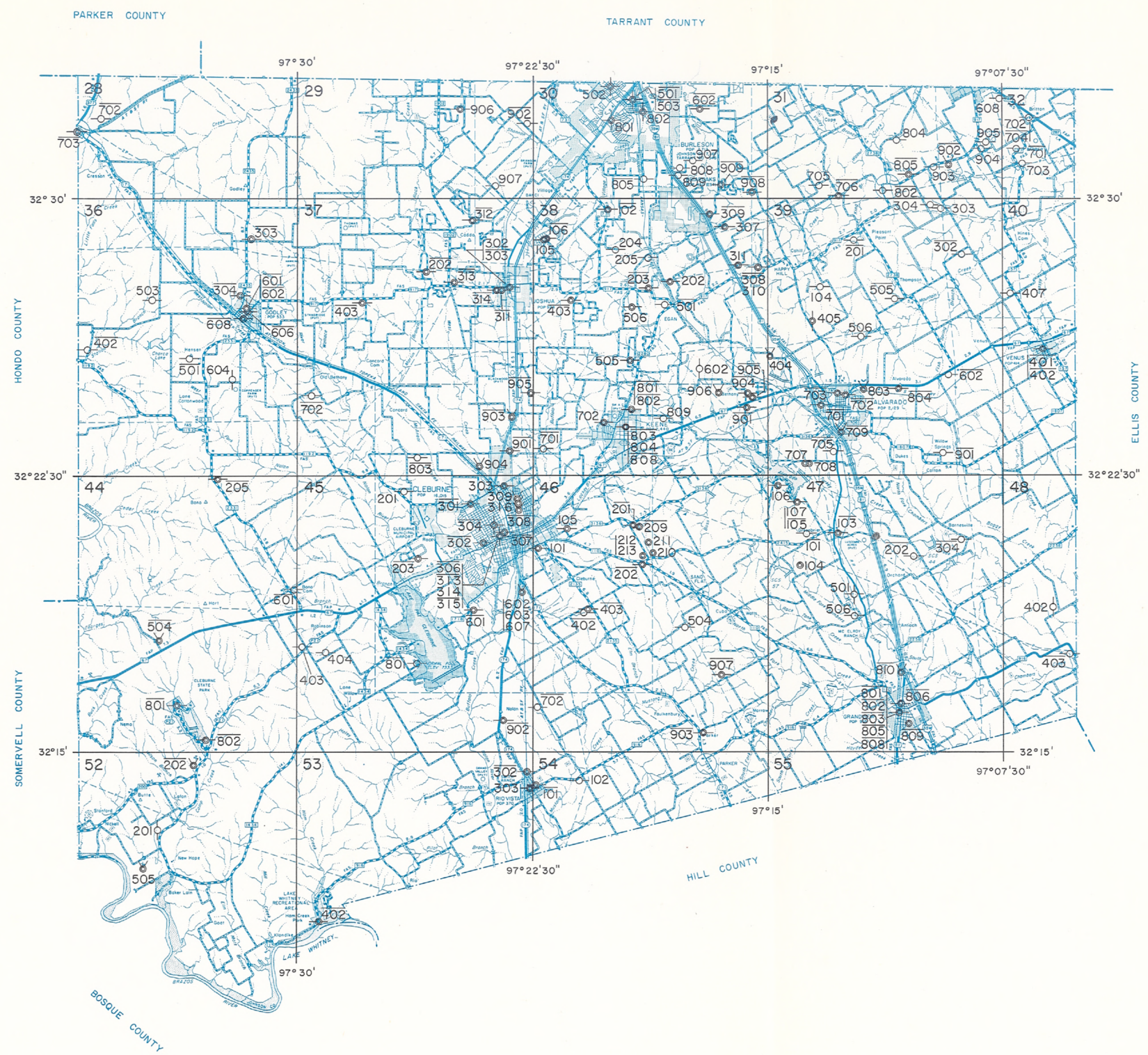
JOHNSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
PX-32-52-202	Kctm	926	July 14, 1976	11	--	2	1	192	--	386	63	26	0.3	< 0.4	--	485	8	805	8.7	98	27.6	6.1
53-302	Kcpa	510	Apr. 19, 1961	12	0.0	2	0	268	1.5	502	79	44	2.2	.0	1.0	656	5	1,110	8.5	99	52.2	8.1
402	Kcpa	550	Mar. 12, 1965	--	.4	6	2	298	--	546	86	66	4.8	< .4	--	732	24	1,338	8.5	96	26.9	8.4
54-101	Kctm	1,215	Dec. 7, 1965	--	.1	2	1	224	--	365	118	37	.5	.5	--	562	9	1,000	8.7	98	32.3	5.8
101	Kctm	1,215	Aug. 17, 1966	12	--	2	1	224	1.0	400	107	37	.4	.0	--	581	7	954	8.1	98	32.3	6.3
101	Kctm	1,215	Feb. 26, 1975	13	--	2	1	218	--	376	111	40	.6	2.5	--	572	10	895	8.6	98	31.4	5.9



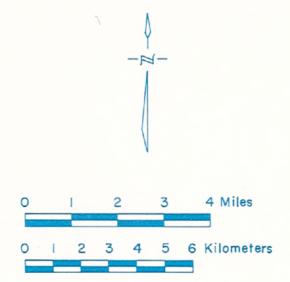




EXPLANATION

- Public supply well
- ∇ Industrial well
- Irrigation well
- Domestic or livestock well
- ⊕ Oil or gas well
- ⊙ Test hole
- ⊕ ∇ ⊙ Unused or abandoned well
- Solid circle indicates flowing well
- 201 Line above well number indicates chemical analysis given in Table 4

Note: This county is entirely within 1° quadrangle number 32



Base Map from Texas Department of Highways and Public Transportation

Location of Selected Water, Oil, and Gas Wells in Johnson County



## KAUFMAN COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.  
 Water level : Reported water levels given in feet; measured water levels given to the nearest tenth of a foot;  
 Method of lift and type of power: A, airlift; C, cylinder; E, electric; G, gasoline, butane or diesel engine, H, hand; J, jet, N, none;  
 S, submersible, T, turbine, W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation, N, none, P, public supply; S, livestock.  
 Water-bearing unit : Kpa, Paluxy Formation; Kgna, Nacatoch Sand, Kgw, Woodbine Group.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*RA-33-12-601	City of Garland	J. L. Myers Sons	1975	2,843	14 8 4	62 2,690 2,843	Kepa	390	223	Sept. 11, 1975	T, E 30	Ind	Cemented to 2,690 ft. Screened from 2,690-2,718; 2,134-2,748; 2,760-2,781; and 2,809-2,830 ft. Underreamed. Gravel packed. Pump set at 450 ft. Drawdown 125 ft pumping 150 gal/min when drilled. <u>1</u> <u>2</u>
* 13-701	City of Forney	Texas Water Wells, Inc.	1951	3,195	6	--	Kepa	475	205.0 224.0	May 21, 1971 Nov. 16, 1972	T, E	N	<u>2</u> <u>3</u>
' 15-402	Highland Memorial Gardens	J. D. Baxter Water Well Drilling and Service	1971	240	4	240	Kgna	545	--	--	S, E 1	Irr	Cemented to 198 ft. Slotted from 198-240 ft. <u>1</u>
* 21-102	Forney Ice and Water Co.	do	1909	2,051	6	--	Kgw	463	65	1942	N	N	Drawdown 30 ft at 100 gal/min in 1943. Flowed until 1920. Plugged. Temp. 100°F. <u>1</u>
' 801	City of Crandall	J. L. Myers Sons	1954	2,340	10 8	809 2,050	Kgw	420	280.3 302.3	July 5, 1961 Nov. 14, 1975	N	N	Screened from 1,909-2,050 ft. Measured yield 150 gal/min in Aug. 1954. <u>3</u>
" 802	Crandell Deep Well Co.	--	1910	2,400	6 4	-- --	Kgw	412	55	July 30, 1943	N	N	Pumping level 75 ft at 7 gal/min on July 30, 1943. Flowed in 1910. Plugged.
* 22-301	Terrell State Hospital	Clarence Chilcoat	1926	200	6	200	Kgna	470	29	--	T, E 10	N	Perforated from 160-200 ft. Pump set at 98 ft. Reported yield 80 gal/min with a 200 ft head. <u>1</u>
302	do	Layne-Texas Co.	1938	222	13 8	52 222	Kgna	480	77	Mar. 17, 1939	N	N	Cemented to 52 ft. Slotted screen from 65-97, 110-144, and 161-221 ft. Underreamed. Gravel packed. Pumping level 208 ft at 36 gal/min when drilled. Destroyed. <u>1</u>
* 303	do	R. H. Dearing	1905	403	12 9	181 403	Kgna	480	--	--	N	N	Perforated from 40-60 ft and split from 100-120 and 140-160 ft. Reported yield 80 gal/min. Plugged. <u>1</u>
304	do	do	1906	402	12	183	Kgna	480	--	--	N	N	Perforated from 72-90 and 125-145 ft. <u>1</u>
23-102	City of Terrell	Chilcoat Brothers	1955	240	6	240	Kgna	475	--	--	N	N	Perforated from 200-240 ft. Reported yield 40 gal/min. Plugged. Four wells at this location all about the same depth.
106	do	do	1955	300	8	300	Kgna	488	30.7	July 6, 1961	N	N	Perforated from 260-300 ft. Reported yield 100 gal/min. Plugged.

<sup>1</sup> For chemical analyses of water, see Table 4.

<sup>2</sup> Drillers' log in files of the Texas Department of Water Resources.

<sup>3</sup> Geophysical logs in files of the Texas Department of Water Resources.

<sup>4</sup> For water-level measurements, see Table 3.

# KAUFMAN COUNTY

Table 2.—Selected Oil and Gas Tests

Logs in Texas Department of Water Resources files

Well	Operator	Lease and well	Date drilled	Depth (ft)	Approximate land surface elevation (ft)
RA-33-29-901	C. F. Carter	S. D. Stanfield No. 1	Nov. 27, 1942	3,305	419
38-601	Heiman Bros.	W. & E. Freeman No. 1	Dec. 24, 1958	4,580	360
39-401	Humble Oil and Ref. Co.	H. L. Guy No. 1	Mar. 16, 1947	9,800	402
902	R. Peveto and Maxwell Herring Drlg. Co.	Legg No. 1	May 25, 1962	6,850	340

# KAUFMAN COUNTY

**Table 3.—Water Levels in Selected Wells**

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well RA-33-13-701</b>		<b>Well RA-33-21-801</b>		<b>Well RA-33-21-801—Continued</b>	
Owner: City of Forney		Owner: City of Crandall		Nov. 9, 1973	299.5
May 21, 1971	205.0	July 5, 1961	280.3	Nov. 11, 1974	306.3
Nov. 12, 1971	212.0	May 21, 1971	290.4	Nov. 14, 1975	302.3
Nov. 16, 1972	224.0	Nov. 12, 1971	291.4	Nov. 17, 1976	307.2
Nov. 11, 1974	157.1	Nov. 16, 1972	294.2	Nov. 9, 1977	312.4



## KAUFMAN COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

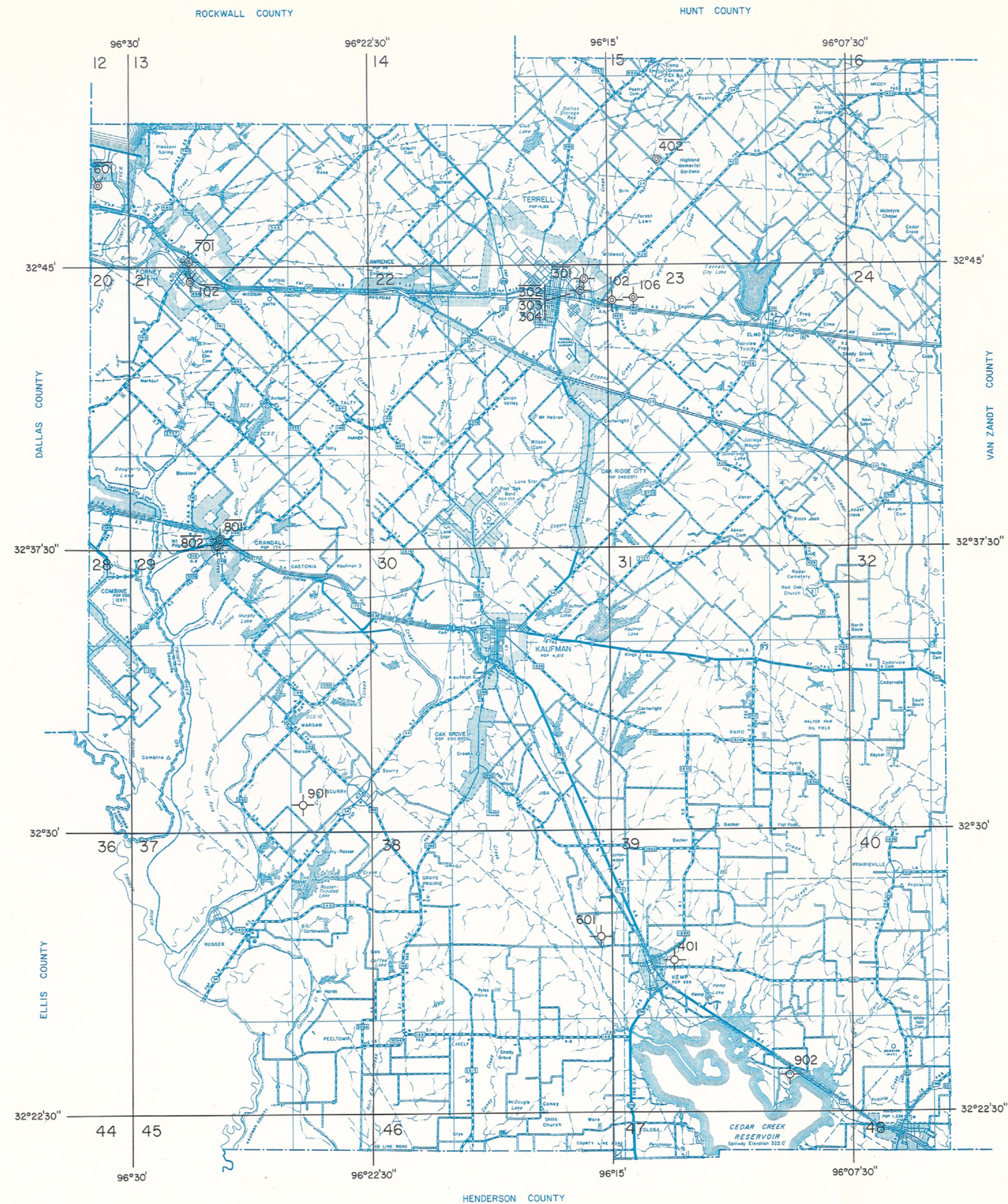
Water-bearing unit: Kcpa, Paluxy Formation, Kgna, Nacatoch Sand, Kgw, Woodbine Group.

Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids.

Analyses by Texas Department of Health.

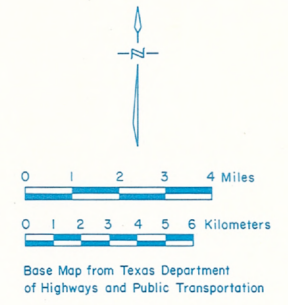
Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
RA-33-12-601	Kcpa	2,843	Sept. 12, 1975	--	0.1	3	1	352	--	427	233	63	1.1	0.0	--	863	12	1,300	9.1	98	44.9	6.7
13-701	Kcpa	3,195	Nov. 1, 1951	28	.7	10	4	352	--	567	257	53	2.4	< .4	--	985	42	--	8.3	95	23.7	--
15-402	Kgna	240	Sept. 3, 1975	15	--	10	1	286	--	461	148	83	.9	1.0	--	771	25	1,200	8.0	96	23.0	6.9
402	Kgna	240	July 7, 1976	14	--	4	1	285	--	432	146	83	.8	4.0	--	750	12	1,179	8.5	98	33.0	6.7
21-102	Kgw	2,051	July 30, 1943	6	.0	7	2	985	3.8	1,100	453	548	4.0	14.0	--	2,563	25	--	8.2	99	84.5	17.5
102	Kgw	2,051	Mar. 1, 1951	23	.7	28	26	897	--	1,092	448	543	1.8	< .4	--	2,640	177	--	8.2	92	29.3	--
801	Kgw	2,340	Sept. 1, 1956	--	.5	6	2	1,210	--	1,196	354	934	4.0	< .4	--	3,150	25	--	8.0	99	109.2	--
801	Kgw	2,340	July 5, 1961	19	--	6	2	1,100	--	1,200	374	735	4.7	2.5	--	2,833	24	4,860	8.2	99	99.3	19.2
802	Kgw	2,400	July 30, 1943	15	.1	9	3	1,356	4.0	1,210	269	1,210	3.7	2.2	--	3,466	34	--	8.2	99	100.0	19.1
802	Kgw	2,400	Nov. 1, 1953	68	.3	7	8	1,291	--	1,220	341	1,065	2.2	< .4	--	3,480	51	--	8.2	98	79.1	--
22-301	Kgna	200	Oct. 22, 1956	--	.1	25	4	190	--	411	84	55	.4	1.6	--	582	89	--	7.6	84	9.3	5.1
302	Kgna	229	Mar. 28, 1939	19	.3	61	11	115	--	394	35	62	.4	.9	--	498	198	--	7.7	56	3.5	2.5
302	Kgna	229	Aug. 27, 1951	--	.1	28	17	135	--	372	53	53	.4	1.3	--	503	140	--	7.7	68	4.9	3.3
303	Kgna	403	do	--	.2	29	7	250	--	409	148	110	.4	< .4	--	765	102	--	7.7	84	10.8	4.6





- EXPLANATION
- Public supply well
  - ⊗ Industrial well
  - ⊙ Irrigation well
  - Domestic or livestock well
  - ⊕ Oil or gas well
  - ⊙ Test hole
  - ⊕ Unused or abandoned well
  - Solid circle indicates flowing well
  - 201 Line above well number indicates chemical analysis given in Table 4

Note: This county is within 1° quadrangle number 33.



Location of Selected Water, Oil, and Gas Wells in Kaufman County



## LAMAR COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.

Water level : Reported water levels given in feet; measured water levels given to the nearest tenth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; E, electric; G, gasoline, butane or diesel engine; H, hand; J, jet; N, none;  
 S, submersible; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic, Ind, industrial, Irr, irrigation; N, none; P, public supply, S, livestock.  
 Water-bearing unit : Kcpa, Paluxy Formation; Kga, Austin Group; Kgbl, Blossom Sand; Kgef, Eagle Ford Shale; Kgna, Nacatoch Sand; Kgt, Taylor Group; Kgw, Woodbine Group; Qal, Alluvium.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface datum (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
RT-17-04-801	Fred Gilliam	--	1955	160	6	--	Qal, Kgw	423	8 10.5	1958 Oct. 23, 1975	J, E 3/4	N	Originally used for irrigation. Reported yield 100 gal/min. <u>y</u>
" 10-801	M. O. Stephens	Dewitt Moore	1959	104	6	40	Kgef	560	57.3	May 24, 1971	J, E 3/4	D, S	Open hole completion. <u>y</u>
* 12-101	Methodist Church	Vancliff Drilling Co.	1954	165	6	165	Kgw	500	59.5 55.1	Oct. 22, 1959 Nov. 17, 1975	J, E 1/2	D	Pump set at 90 ft. <u>y</u>
201	Chicota School	Dewitt T. Moore	1948	100	8	--	Kgw	480	42	Dec. 3, 1959	J, E 1/2	P	Pump set at 90 ft. Reported yield 10 gal/min.
202	do	do	1956	145	8	50	Kgw	480	60	do	J, E 1/2	P	Open hole completion. Pump set at 135 ft. Reported yield 10 gal/min.
601	Powderly School	do	1941	58	6	58	Kgef	530	42 47.2	1959 Oct. 24, 1975	N	N	--
701	J. H. Voorhes	Bill Hatch	1966	175	6 5	48 167	Kga	555	--	--	J, E 1	D, S, Ind	Cemented to 48 ft. Open hole completion. Underreamed. Pump set at 125 ft. Pumping level 100 ft at 6 gal/min. <u>y</u>
801	DeKalb Agriculture Association	Layne-Texas Co.	1950	1,350	12 6	117 117	Kga	520	40 32.6	Apr. 24, 1950 Dec. 3, 1959	N	N	Torch slotted from 58-69 ft. Gravel packed. Underreamed. Plugged back to 118 ft because of salt water. Reported yield 10 gal/min. <u>y</u> <u>y</u>
802	do	--	1949	65	6	65	Kga	520	32.8 29.0	Dec. 12, 1959 Oct. 24, 1975	C, E 1/2	D	Originally an industrial well with 17-12-801. Pump set at 60 ft. Reported yield 6 gal/min.
13-102	P. D. School	--	--	65	6	65	Kgw	488	40.7	Dec. 3, 1959	N	N	--
103	do	Lewis Smyers	--	60	8	60	Kgw	488	41.7	do	N	N	Reported yield 10 gal/min.
901	Alfred Mackin	Dewitt Moore	--	140	6	--	Kga	520	68.4 67.2	Dec. 27, 1959 Apr. 27, 1971	J, E 1	S	<u>y</u>
* 19-401	W. E. Brown	--	1930	50	7	--	Kga	560	9.1 10.7	May 24, 1971 Nov. 18, 1976	N	N	--
21-703	Reno School	Dewitt T. Moore	--	90	4	90	Kgbl	555	--	--	N	N	Well destroyed. Unfit for human consumption.
" 709	Reno Water Supply Corporation	R. V. Parker Drilling Co.	1965	2,139	7 5	600 2,139	Kcpa	560	160 164.9	Apr. 3, 1973 Nov. 17, 1975	S, E 15	P	Gun perforated from 2,046-2,064 and 2,080-2,120 ft. Measured yield 120 gal/min in 1975. Pumping level 165 ft at 58 gal/min when drilled; 210 ft at 110 gal/min on Apr. 3, 1973; and 195 ft at 120 gal/min on Jan. 6, 1975. Temp. 100°F. <u>y</u> <u>y</u>
" 710	Paris Airport	J. L. Myers Sons	1942	168	8 7 5	33 146 168	Kgbl	520	11 25 25.3	Aug. 6, 1942 June 12, 1958 Oct. 23, 1975	S, E 7 1/2	P	Cemented to 146 ft. Screened from 146-168 ft. Pump set at 160 ft. Reported yield 45 gal/min in 1958. Measured drawdown 93 ft at 35.2 gal/min on Aug. 6, 1942. <u>y</u> <u>y</u>

See footnotes at end of table.

## LAMAR COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
RT-17-21-711	Paris Airport	J. L. Myers Sons	1942	190	7	164 190	Kgb1	540	37.0 39.5 42.2	Aug. 30, 1942 June 12, 1958 Aug. 14, 1975	N	N	Cemented to 164 ft. Screened from 164-190 ft. Drawdown 108 ft at 38.9 gal/min on Aug. 30, 1942. <u>1</u>
26-201	Petty School	--	1910	36	--	--	Kgb1	620	2.8 2.4	May 23, 1960 Dec. 3, 1976	N	N	--
* 202	Petty Water Supply Corporation	J. L. Myers Sons	1964	1,673	5 2	1,606 1,673	Kgw	615	346.0 352.6	May 24, 1971 Nov. 18, 1975	S, E 5	P	Screened from 1,607-1,658 ft. Gravel packed. Pump set at 450 ft. Measured yield 32 gal/min on Aug. 13, 1975. Drawdown 13 ft at 33 gal/min when drilled. <u>1</u> <u>2</u> <u>3</u>
27-201	Brookston Water Supply Corporation	do	1964	1,675	7 3	1,484 1,610	Kgw	595	328.5 356.1	May 24, 1971 Nov. 18, 1975	S, E 10	N	Screened from 1,484-1,514 and 1,524-1,554 ft. Gravel packed. Underreamed. <u>1</u> <u>3</u>
* 301	Hunt Oil Co.	Baker Singleton	1974	2,592	8	--	Kepa	548	150	1974	C, D	Ind	<u>2</u>
* 401	City of Roxton	--	1927	31	144	31	Kgt	500	10 20.8	Sept. 17, 1943 Nov. 18, 1975	T, E 2	N	Reported yield 75 gal/min. Driller reported limestone and sand. Dug well.
* 402	do	Ben Dycker	1907	34	120	34	Kgt	490	7.8 5.5	May 24, 1971 Nov. 6, 1974	N	N	Dug well filled in with rock in 1975. Reported yield 75 gal/min in 1943. <u>3</u>
403	do	do	1907	38	144	38	Kgt	500	23 10.4	Oct. 19, 1959 Nov. 18, 1975	T, E 2	N	Dug well. <u>3</u>
701	do	--	1907	40	144	40	Kgt	490	--	--	N	N	Well destroyed.
* 28-401	J. E. Davis	--	1936	45	30	--	Kgt	520	4.8 3.0	Apr. 27, 1971 Nov. 19, 1976	N	N	--
* 29-103	MJC Water Supply Corporation	J. L. Myers Sons	1967	2,563	10 7	82 2,563	Kepa	522	156 125.0 120.0 160.0	Feb. 21, 1967 July 14, 1967 Nov. 10, 1971 Dec. 16, 1974	S, E 15	P	Cemented to 82 ft. Gun perforated from 2,272-2,308 ft. Pump set at 407 ft. Pumping level 249 ft at 100 gal/min when drilled; 257 ft on July 14, 1967; and 280 ft on Dec. 16, 1974. <u>1</u> <u>2</u>
* 601	Pattonville Water Supply Corporation	R. V. Parker Drilling Co.	1964	2,044	7 5	-- 2,592	Kepa	483	93.9 101.8	May 25, 1971 Nov. 17, 1975	S, E	P	Perforated from 2,552-2,592 ft. Pump set at 350 ft. Temp. 110°F. <u>2</u> <u>3</u>
* 38-401	C. L. Kennedy	--	1939	20	36	20	Kgna	--	11.50	Dec. 24, 1959	J, E	D, S	Dug well.
402	Cunningham School	--	--	25	36	--	Kgna	--	6.3	do	N	N	--

\* For chemical analyses of water, see Table 4.

1 Drillers' log in files of the Texas Department of Water Resources.2 Geophysical logs in files of the Texas Department of Water Resources.3 For water-level measurements, see Table 3.

# LAMAR COUNTY

Table 2.—Selected Oil and Gas Tests

Logs in Texas Department of Water Resources files

Well	Operator	Lease and well	Date drilled	Depth (ft)	Approximate land surface elevation (ft)
RT-17-19-501	Clark Oil Co.	Smiley No. 1	June 20, 1944	3,361	570
21-201	Cosden Petroleum Corp.	W. T. Adams No. 1	Apr. 4, 1944	3,052	505

# LAMAR COUNTY

**Table 3.—Water Levels in Selected Wells**

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well RT-17-10-801</b>		<b>Well RT-17-13-901—Continued</b>		<b>Well RT-17-26-202—Continued</b>	
Owner: M. O. Stephens		Nov. 19, 1976	67.0	Nov. 18, 1975	352.6
May 24, 1971	57.3	Nov. 21, 1977	67.3	Nov. 18, 1976	370.1
Nov. 10, 1971	59.8	<b>Well RT-17-21-709</b>		Nov. 22, 1977	378.6
Nov. 14, 1972	59.7	Owner: Reno Water Supply Corporation		<b>Well RT-17-27-201</b>	
Nov. 13, 1973	55.5	Mar. 30, 1965	165 *	Owner: Brookston Water Supply Corporation	
Nov. 6, 1974	58.1	Apr. 3, 1973	160	Sept. 1964	324
Nov. 17, 1975	68.6	Apr. 3, 1973	210 *	May 24, 1971	328.5
Nov. 18, 1976	58.0	Jan. 6, 1975	150	Nov. 10, 1971	330.7
Nov. 22, 1977	60.8	Jan. 6, 1975	195 *	Nov. 13, 1973	339.0
<b>Well RT-17-12-101</b>		Nov. 17, 1975	164.9	Nov. 6, 1974	348.8
Owner: Methodist Church		Nov. 19, 1976	165.4	Aug. 13, 1975	347.8
Oct. 22, 1959	59.5	Nov. 22, 1977	167.6	Nov. 18, 1975	356.1
Apr. 27, 1971	60.8	<b>Well RT-17-21-710</b>		Nov. 18, 1976	353.9
Nov. 9, 1971	58.0	Owner: Paris Airport		Nov. 22, 1977	358.4
Nov. 14, 1972	57.9	Aug. 6, 1942	11	<b>Well RT-17-27-402</b>	
Nov. 13, 1973	56.4	June 12, 1958	25	Owner: City of Roxton	
Nov. 17, 1975	55.1	Aug. 14, 1975	24.5	Sept. 17, 1943	10
Nov. 18, 1976	56.1	Oct. 23, 1975	25.3	May 24, 1971	7.8
Nov. 22, 1977	56.5	Nov. 19, 1976	26.2	Nov. 10, 1971	7.9
<b>Well RT-17-13-901</b>		Nov. 22, 1977	26.3	Nov. 14, 1972	8.5
Owner: Alfred Mackin		<b>Well RT-17-26-202</b>		Nov. 13, 1973	4.7
Dec. 27, 1959	68.4	Owner: Petty Water Supply Corporation		Nov. 6, 1974	5.5
Apr. 27, 1971	67.2	Jan. 1964	342	<b>Well RT-17-27-403</b>	
Nov. 9, 1971	67.7	May 24, 1971	346.0	Owner: City of Roxton	
Nov. 14, 1972	68.0	Nov. 14, 1972	351.7	Oct. 19, 1959	23
Nov. 13, 1973	67.5	Nov. 6, 1974	347.1	Aug. 15, 1975	7.8
Nov. 7, 1974	67.0			Nov. 18, 1975	10.4
Nov. 17, 1975	67.3				

\* Pumping level

# LAMAR COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well RT-17-27-403—Continued</b>		<b>Well RT-17-29-601—Continued</b>			
Nov. 18, 1976	7.8	Nov. 14, 1972	99.2		
Nov. 22, 1977	10.8	Nov. 13, 1973	98.5		
		Nov. 7, 1974	100.2		
		Nov. 17, 1975	101.8		
		Nov. 19, 1976	102.7		
		Nov. 22, 1977	104.2		
<b>Well RT-17-29-601</b>					
Owner: Pattonville Water Supply Corporation					
May 25, 1971	93.9				
Nov. 9, 1971	95.3				

## LAMAR COUNTY

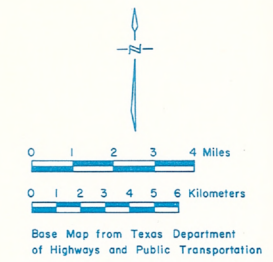
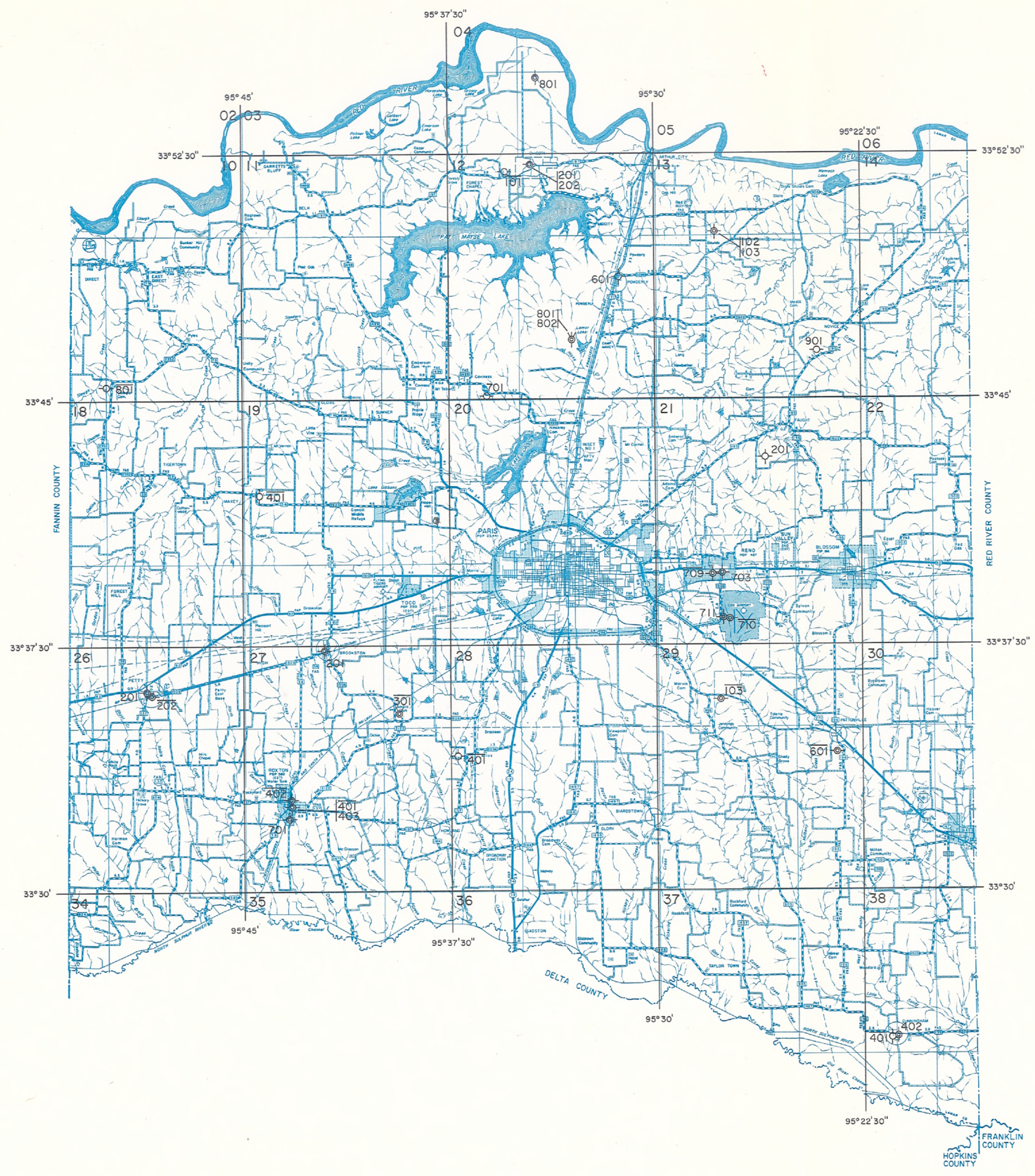
Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit. Kcpa, Paluxy Formation, Kga, Austin Group; Kgb1, Blossom Sand, Kgef, Eagle Ford Shale; KgnA, Nacatoch Sand; Kgt, Taylor Group, Kgw, Woodbine Group.  
 Dissolved solids: The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids.  
 Analyses by Texas Department of Health.

Well	Aquifer	Depth of well or sampled interval (Ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
RT-17-10-801	Kgef	104	May 24, 1971	11	--	7	2	89	--	226	10	12	0.6	< 0.4	--	243	24	386	7.6	88	7.6	3.1
801	Kgef	104	Nov. 10, 1971	11	--	6	2	85	--	231	5	8	.5	< .4	--	231	25	382	8.2	89	7.6	3.3
801	Kgef	104	July 20, 1976	11	--	10	1	88	--	242	3	13	.5	< .4	--	245	28	400	8.3	87	7.1	3.3
12-101	Kgw	165	Apr. 27, 1971	36	--	19	6	20	--	52	5	47	.1	2.4	--	161	73	251	6.1	38	1.0	.0
101	Kgw	165	Nov. 9, 1971	39	--	34	9	24	--	101	6	58	.1	< .4	--	220	120	355	6.6	30	.9	.0
19-401	Kga	50	May 24, 1971	16	--	103	10	78	--	195	281	12	.6	5.5	--	601	298	851	7.2	36	1.9	.0
21-709	Kcpa	2,139	Apr. 4, 1965	--	0.2	3	1	440	--	820	150	93	4.1	< .4	--	1,094	10	1,969	8.4	99	56.2	13.2
709	Kcpa	2,139	July 12, 1971	--	--	3	2	434	--	811	149	95	3.6	2.0	--	1,087	15	--	8.4	98	47.6	12.9
709	Kcpa	2,139	Oct. 24, 1975	17	--	3	1	446	2.0	820	153	101	3.5	3.0	--	1,132	11	1,740	8.3	98	56.9	13.2
710	Kgb1	168	do	11	--	4	1	301	--	493	120	86	1.2	1.9	--	768	13	1,230	8.4	98	34.8	7.7
26-202	Kgw	1,673	May 24, 1971	15	--	2	1	391	--	590	155	153	1.9	1.5	--	1,010	11	1,590	8.2	99	56.3	9.4
202	Kgw	1,673	July 20, 1976	16	9.0	3	1	405	--	590	157	155	1.8	< .4	--	1,038	8	1,650	8.3	99	51.7	9.4
27-301	Kcpa	2,592	Aug. 15, 1974	16	--	5	5	407	--	790	149	72	3.8	3.1	--	1,049	34	1,640	8.3	96	30.8	12.2
401	Kgt	31	July 5, 1938	23	.2	155	17	86	--	482	91	85	.4	44.0	--	757	457	938	7.1	29	1.7	--
401	Kgt	31	Sept. 17, 1943	5	.0	188	10	76	5.3	345	110	162	.0	70.0	--	795	510	--	7.2	24	1.4	.0
402	Kgt	34	Feb. 2, 1955	--	.2	198	8	56	--	439	77	107	.1	71.0	--	798	527	--	7.2	19	1.0	--
402	Kgt	34	May 24, 1971	21	--	170	7	29	--	378	61	37	.4	104.0	--	615	454	911	7.3	12	.5	.0
402	Kgt	34	Nov. 13, 1973	20	--	121	5	15	--	265	41	16	.5	82.0	--	430	322	660	7.4	9	.3	.0
28-401	Kgt	45	Apr. 27, 1971	17	--	136	10	24	66.0	281	107	53	.3	119.0	--	670	382	978	7.4	10	.5	.0
401	Kgt	45	Nov. 13, 1973	20	--	118	7	25	68.0	345	67	51	.3	63.0	--	588	325	915	7.5	12	.6	.0
401	Kgt	45	July 20, 1976	29	--	121	11	15	77.0	359	49	47	.1	71.0	--	596	349	891	7.4	7	.3	.0
29-103	Kcpa	2,563	Feb. 23, 1967	--	.2	3	2	401	--	770	143	80	3.4	.4	--	1,011	15	1,870	8.4	98	44.0	12.3
103	Kcpa	2,563	May 17, 1972	--	--	3	2	409	--	771	153	76	3.8	2.5	--	1,028	14	--	8.4	98	44.8	12.3
103	Kcpa	2,563	July 20, 1976	18	--	5	1	422	--	790	150	80	3.4	< .4	--	1,068	13	1,670	8.3	98	45.0	12.6
601	Kcpa	2,644	Oct. 10, 1964	--	.5	7	2	486	--	750	171	197	4.6	< .4	--	1,237	26	2,244	8.2	98	41.7	11.7
601	Kcpa	2,644	May 25, 1971	20	--	6	3	472	--	710	180	187	4.1	< .4	--	1,221	27	1,870	8.1	97	39.2	11.0
601	Kcpa	2,644	Nov. 9, 1971	21	--	5	4	457	--	710	186	173	3.7	< .4	--	1,199	27	1,880	8.2	97	36.9	11.0
601	Kcpa	2,644	Sept. 19, 1975	--	--	7	3	474	--	620	192	192	4.0	3.5	--	1,180	29	2,272	9.0	97	37.7	9.5
38-401	KgnA	20	July 25, 1961	28	--	116	5	40	--	334	30	40	.2	47.0	--	470	312	757	6.6	22	.9	.0





EXPLANATION

- Public supply well
- Industrial well
- Irrigation well
- Domestic or livestock well
- Oil or gas well
- Test hole
- Unused or abandoned well
- Solid circle indicates flowing well
- Line above well number indicates chemical analysis in Table 4

Note: This county is entirely within 1° quadrangle number 17

Location of Selected Water, Oil, and Gas Wells in Lamar County



MONTAGUE COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.  
 Water level : Reported water levels given in feet; measured water levels given to the nearest tenth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; E, electric; G, gasoline, butane or diesel engine; H, hand; J, jet; N, none,  
 S, submersible, T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Kca, Antlers Formation; Paleo, Paleozoic Era.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
TR-19-03-601	Steve Howard	Travis Fore Welding Service	1974	172	6	172	Paleo	842	75	July 14, 1974	J, E 1/2	D, S	Cemented from 75-138 ft. Perforated from 138-160 ft. Gravel packed. <u>1</u>
" 720	Peairie Valley High School	--	1929	225	6	225	Paleo	869	--	--	C, E 1	P	Temp. 70°F.
* 803	Walsh and Watts Oil Co.	--	--	150	7	150	Paleo	850	--	--	C, E 50	Ind	Pump set at 145 ft. Temp. 64°F.
* 09-610	City of Ringgold	Wilbert Perry Smith	1968	360	7	323	Paleo	820	--	--	S, E 15	P	Cemented to 323 ft and gun perforated. Pump set at 325 ft. Well flowed slightly when drilled. Pumping level 212 ft at 40 gal/min on Jan. 10, 1968. Temp. 70°F. <u>1</u>
* 10-621	James Teter	Travis Fore Welding Service	1974	302	6	302	Paleo	915	--	--	S, E 1 1/2	D	Perforated from 270-302 ft. <u>1</u>
* 704	W. M. Henley	Ernest Thomas	1967	252	7	252	Paleo	920	106.9	Nov. 10, 1976	S, E 1	D, S	Slotted. <u>1</u> <u>2</u>
* 11-701	City of Nocona	Grady T. Chupo	1944	780	8	680	Paleo	990	206.3	Nov. 8, 1944	N	N	Cemented to 680 ft. Open hole. Measured yield 28 gal/min at 549 ft on Nov. 17, 1944. Plugged. <u>1</u>
* 702	do	--	--	388	--	--	Paleo	990	300	1961	N	N	Measured yield 32 gal/min on Nov. 17, 1944. Plugged. Temp. 69°F.
706	do	Layne-Texas Co.	1927	893	--	--	Paleo	963	--	--	N	N	Destroyed. <u>1</u>
* 707	do	Y. Milee	1942	600	8	--	Paleo	963	306.5	Nov. 19, 1944	N	N	Pumping level 486 ft at 17 gal/min on Nov. 14, 1944. Temp. 70°F.
708	do	Yeargin Oil Co.	1938	525	8 6	355 406	Paleo	963	319.7	Nov. 16, 1944	N	N	Deepened from 406 to 525 ft. Reported yield 12 gal/min. <u>1</u>
* 709	do	Jack McBride	1938	371	10	--	Paleo	970	182.0	Nov. 10, 1944	N	N	Reported yield 23 gal/min. <u>1</u>
710	do	do	1939	508	10 8	-- --	Paleo	970	140.9	Nov. 10, 1977	N	N	Reported yield 25 gal/min. Deepened from 422 ft. <u>1</u>
711	do	Kingery Brothers	1950	770	10	--	Paleo	950	260	1950	N	N	Completed from oil test. <u>2</u>
713	do	Jack McBride	1951	598	--	--	Paleo	915	--	--	N	N	Do.
* 12-404	Leonard May	Richardson Plumbing and Service	1969	306	4	306	Paleo	1,030	128.9	Sept. 9, 1970	S, E	D, S	Slotted from 265-294 ft. Gravel packed. <u>1</u> <u>2</u>
* 605	S. E. O'Neil	Alvis J. Rohmer	1965	148	7	148	Kca	970	112.8 112.2	do Nov. 10, 1975	C, E	D, S	Perforated from 112-148 ft. Pumping level 135 ft at 3 gal/min when drilled. Gravel packed. <u>1</u> <u>2</u>
606	A. V. Grant	do	1965	458	7	397	Paleo	1,002	225	Dec. 6, 1965	S, E 3	Ind	Open hole from 397-458 ft. Gravel packed. Pump set at 336 ft. Pumping level 336 ft at 28 gal/min when drilled.
* 13-701	Midland Oil Corporation	do	1968	324	7	296	Kca	890	149	Oct. 14, 1968	S, E 10	Ind	Open hole from 296-324 ft. Cemented from 20-30 ft. Gravel packed. Pump set at 320 ft. Reported yield 35 gal/min. Temp. 69°F.

See footnotes at end of table.

MONTAGUE COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
YTR-19-17-604	H. D. Barnett	Gary Prater	1970	100	3	--	Paleo	940	28.9	Nov. 10, 1975	J, E 1/2	D	<u>3</u>
802	City of Bowie	Thomas Water Well Contractor	1953	260	7	260	Paleo	928	--	--	J, E 1/3	D, S	Water sands at 110-140; 184-198, and 214-258 ft.
* 901	do	Jack McBride	1944	400	8	200	Paleo	903	+	Sept. 25, 1975	T, E 5	N	Open hole from 200-400 ft. Sands reported from 320-360 ft. Temp. 68°F.
903	do	Thomas Water Well Contractor	1953	187	7	187	Paleo	901	--	--	N	N	Perforated from 90-123 and 134-182 ft. Plugged. <u>1</u>
* 18-901	Texas A&M University	--	1955	243	8 7	127 243	Paleo	1,150	102.0 109.5	Nov. 3, 1971 Nov. 10, 1975	S, E 5	Irr	Screened from 134-146 and 200-220 ft. Reported yield 60 gal/min. <u>3</u>
* 902	Montague County	Strittmatter Irrigation and Supply	1974	360	10 6	60 360	Kca, Paleo	1,149	82.4	Oct. 14, 1975	S, E 10	Irr	Cemented to 60 ft. Slotted from 70-172; 197-230; 255-360 ft. Gravel packed. Pump set at 315 ft. Reported yield 75 gal/min. Temp. 67°F. <u>1</u>
19-101	City of Nocona	Jack McBride	1949	505	8 7	320 505	Paleo	955	--	--	T, E 20	N	Cemented to 320 ft. Perforated from 188-225; 275-210; 402-451, and 488-503 ft. Reported yield 50 gal/min. <u>1</u>
102	do	do	1953	507	8 7	341 507	Paleo	960	--	--	T, E 25	N	Perforated from 179-234; 262-303; 404-448; and 463-504 ft. Reported yield 40 gal/min. <u>1</u>
103	do	do	1954	520	9 7	330 520	Paleo	960	160 109.5	Mar. 24, 1954 July 18, 1963	T, E 10	N	Deepened from 320 ft in 1954. Reported yield 30 gal/min. <u>1</u>
104	do	do	1954	340	10	--	Paleo	965	--	--	T, E 10	N	Reported yield 30 gal/min.
105	do	do	1955	501	10 8	292 501	Paleo	965	120	Mar. 1955	T, E 20	N	Cemented to 170 ft. Slotted from 172-224, 272-291; 409-441; and 452-495 ft. Reported yield 60 gal/min. <u>1</u>
112	do	Field and Thomas	1953	518	10 8	315 518	Paleo	975	--	--	T, E 25	N	Slotted from 102-178; 202-246; 284-312; 427-449, 472-488; and 497-514 ft. <u>1</u>
* 401	G. E. Richardson	Roto Drilling Co.	1960	300	8 7	130 300	Paleo	1,050	150	Feb. 14, 1964	S, E 5	P	Completed from 250-272 and 274-300 ft. Reported yield 50 gal/min. Temp. 66°F.
* 701	do	Thomas Water Well Contractor	1950	260	8 7	125 260	Paleo	1,068	--	--	S, E 3	P	Completed from 235-260 ft. Pump set at 240 ft. Reported yield 40 gal/min. Temp. 64°F.
* 702	do	do	1954	260	8 6	135 260	Paleo	1,073	160.4 168.2	Nov. 3, 1971 Nov. 10, 1975	S, E 3	P	Completed from 240-260 ft. Reported yield 20 gal/min. <u>3</u>
703	Earl Richardson	Richardson Plumbing and Service	1969	415	8 7 5	126 218 415	Paleo	1,091	155	May 1, 1969	S, E 5	P	Slotted from 332-342 and 390-412 ft. Reported yield 40 gal/min. <u>1</u>
704	Robbie Whitecotton	Roto Drilling Co.	1972	170	4	170	Kca	1,079	50	Oct. 21, 1975	S, E 3	Irr	Cemented to 15 ft. Slotted from 8-100 and 130-160 ft. Gravel packed. Reported yield 40 gal/min. <u>1</u>
20-201	V. W. Redman	Alois J. Rohmer	1963	128	7	128	Kca	1,170	44.2 33.8	Sept. 9, 1970 Nov. 10, 1975	J, E	N	Perforated from 108-128 ft. Drawdown 55 ft at 3 gal/min when drilled. <u>1</u> <u>3</u>
* 601	City of Saint Jo	Harry Baird	1938	430	7	430	Kca	1,145	160	June 5, 1946	S, E	P	Perforated from 410-430 ft. Pump set at 220 ft. Reported yield 40 gal/min.
* 602	do	Kingery Brothers	1945	830	8 6	589 700	Paleo	1,145	225 220	June 7, 1945 June 5, 1946	S, E 20	P	Cemented to 589 ft. Perforated. Plugged back to 700 ft. Reported yield 60 gal/min. Pumping level 520 ft at 80 gal/min on June 7, 1945. Temp. 69°F. <u>1</u>

See footnotes at end of table.

## MONTAGUE COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*TR-19-20-603	City of Saint Jo	Gatlin Drilling Co.	1953	747	10 7	696 685	Paleo	1,145	--	--	S, E 20	P	Cemented to 696 ft. Seven inch casing screened from 538-550; 569-585; 613-625; and 640-663 ft. Ten inch casing gun perforated from 538-548; 569-586; 613-626; and 640-650 ft. Gravel packed. Plugged back to 696 ft. Temp. 67°F. <u>1/2</u>
* 604	do	J. L. Myers Sons	1968	670	10 6	551 670	Paleo	1,141	--	--	S, E 20	P	Cemented to 551 ft. Screened from 551-593 and 623-644 ft. Gravel packed. <u>1/2</u>
* 605	do	do	1968	565	10 7	25 564	Kca, Paleo	1,140	--	--	S, E 15	P	Cemented to bottom. Gun perforated from 456-472; 496-504; and 530-540 ft. <u>1/2</u>
* 801	C. A. Baker	Bill Richardson Water Well Drilling	1969	128	--	--	Kca	1,062	67.9 27.2	Sept. 9, 1970 Nov. 10, 1975	S, E	D	<u>1/2</u>
26-101	City of Bowie	Thomas Water Well Contractor	1953	599	7	599	Paleo	1,110	123 74.6	Apr. 10, 1953 Sept. 25, 1975	N	N	Reported yield 12 gal/min.
102	do	do	1953	590	7	427	Kca, Paleo	1,110	80	Mar. 19, 1964	N	N	Slotted from 110-120; 268-284; and 385-422 ft. Gravel packed. Reported yield 20 gal/min. <u>1/2</u>
* 201	Tipperary Corp.	--	1953	500	8	500	Paleo	1,134	--	--	C, G 15	N	Perforated from 240-268; 338-352; and 385-425 ft. Temp. 68°F.
* 202	do	Wichita Pipe and Supply	1965	742	7	742	Paleo	1,134	183.5	Oct. 23, 1975	C, E	N	Cemented to bottom and plugged back to 520 ft. Gun perforated from 266-276; 318-328; 360-370; 386-396; 426-434; 440-450; 466-476; 490-500; and 510-520 ft. Measured yield 18 gal/min on Nov. 4, 1965.
* 203	do	do	1965	670	8	670	Paleo	1,128	183.7	do	C, E	N	Cemented to bottom. Gun perforated from 238-252; 360-378; 388-404, 440-464; and 476-486 ft. Measured yield 5 gal/min.
* 208	do	Jack McBride	1953	413	8	413	Paleo	1,130	--	--	T, G 25	N	Perforated from 228-331; 260-270; and 380-390 ft. Temp. 68°F.
* 209	do	do	--	384	8	384	Paleo	1,110	127.0	Oct. 23, 1975	C, G 15	N	Perforated from 247-270; 312-323; and 368-380 ft. Reported yield 15 gal/min. Temp. 66°F.
* 401	Amoco Pipeline Co.	--	1951	154	6	154	Paleo	1,035	68.0	July 23, 1954	J, E 1 1/2	Ind	--
402	Wayne Middleton	Roto Drilling Co.	1972	110	6	110	Kca	1,143	50	Mar. 29, 1972	S, E 3	Irr	Slotted from 80-100 ft. Gravel packed. Reported yield 20 gal/min. <u>1/2</u>
* 504	Tipperary Corp.	do	1955	253	8	253	Paleo	1,135	--	--	N	N	Perforated from 226-248 ft. Reported yield 6 gal/min. <u>1/2</u>
* 505	do	Jack McBride	1956	375	8 6	280 375	Paleo	1,127	--	--	N	N	Perforated from 340-375 ft. Temp. 68°F.
605	Vernon Briggs	Richardson Plumbing and Service	1972	180	5	168	Kca	1,092	51.9	Oct. 14, 1975	N	Irr	Perforated from 128-168 and open from 168-180 ft. Gravel packed. <u>1/2</u>
* 606	do	do	1972	460	5	460	Paleo	1,091	119.8	do	S, E 1 1/2	Irr	Slotted from 295-305 and 400-420 ft. Gravel Packed. Temp. 67°F. <u>1/2</u>
801	O. R. Adman	Roto Drilling	1964	496	7 5	300 496	Paleo	1,100	--	--	S, E 3	Irr	Perforated from 300-310 and 465-485 ft. Pump set at 465 ft. <u>1/2</u>
901	Waldo Roth	Thomas Water Well Contractor	1970	447	10	447	Paleo	1,088	125	Mar. 1, 1970	S, E 7 1/2	D	Cemented to bottom. Gun perforated from 364-374 ft. Reported yield 30 gal/min. <u>2</u>

See footnotes at end of table.

## MONTAGUE COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*TR-19-27-701	Hollis Beane	Edward Thomas	1962	128	7 5	100 128	Kca	1,015	60	May 1, 1964	C, E 1 1/4	D, S	Cemented to 100 ft. Completed from 105-128 ft.
* 901	Bill Boyd	--	1959	180	6	180	Kca	1,020	120	Apr. 7, 1964	S, E 1 1/2	D, S	Gravel packed. Temp. 64°F.
* 28-601	Vincent Forrester	Alois J. Rohmer	1964	200	7	200	Kca	1,050	109.0 118.3	Sept. 10, 1970 Nov. 13, 1974	S, E	D, S	Perforated from 68-78; 100-110; 138-150; and 190-200 ft. Drawdown 70 ft at 8 gal/min when drilled. <u>1</u> <u>3</u>
* 701	L. D. Sirman	Edward Thomas	1963	198	6	198	Kca	910	70	Apr. 22, 1964	J, E 1 1/2	D, S	Reported yield 30 gal/min. Temp. 68°F.
* 801	Forestburg Independent School District	Albert Lee Well Drilling	1959	200	--	--	Kca	1,180	120	Apr. 23, 1964	C, E 3/4	N	Water sand report from 140-200 ft. Temp. 68°F.
* 803	Forestburg Water Corp.	B and B Well Service	1964	456	10 6	418 456	Kca	1,162	288	June 19, 1964	S, E 10	P	Cemented to 418 ft. Completed from 428-434 and 446-450 ft. Gravel packed. Pump set at 438 ft. Pumping level 438 ft at 40 gal/min when drilled. Temp. 68°F. <u>1</u> <u>2</u>
* 804	Gerald Lanier	Bill Richardson Water Well Drilling	1969	250	5	350	Kca	1,060	116.8 108.5	Sept. 10, 1970 Nov. 13, 1974	S, E	D, S	Perforated. Gravel packed. Pump set at 190 ft. <u>1</u> <u>3</u>
34-101	A. B. Mills	Charles Masters Co. Drilling	1969	376	4	320	Paleo	980	150	Oct. 30, 1969	S, E	D	Cemented to 150 ft. Open hole from 320-376 ft. <u>1</u> <u>2</u>
102	Ray Harlow	John Whiteside	1972	127	5	127	Paleo	950	40 24.7	Feb. 27, 1972 Oct. 20, 1975	N	N	<u>1</u>
601	Sunset Public School	-- Hunter	1958	110	--	--	Kca	983	--	--	N	N	Measured yield 36 gal/min.
* 602	G. E. Richardson	Roto Drilling Co.	1963	485	8 7	130 485	Paleo	998	120	Feb. 14, 1964	S, E 3	P	Perforated from 440-480 ft. Reported yield 35 gal/min.
* 603	do	do	1963	490	8 7	135 490	Paleo	995	120 208.1	Feb. 14, 1964 Sept. 16, 1975	S, E 5	P	Perforated from 445-485 ft. Reported yield 35 gal/min. Temp. 66°F.
35-601	Keith Stiener	Anderson Water Well Drilling Co.	1975	134	4	134	Kca	970	79.2	Apr. 11, 1978	S, E 1/2	D	Slotted from 114-134 ft. Gravel packed. <u>1</u>

\* For chemical analyses of water, see Table 4.

1 Drillers' log in files of the Texas Department of Water Resources.2 Geophysical logs in files of the Texas Department of Water Resources.3 For water-level measurements, see Table 3.

# MONTAGUE COUNTY

**Table 3.—Water Levels in Selected Wells**

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well TR-19-10-704</b>		<b>Well TR-19-17-604</b>		<b>Well TR-19-20-201</b>	
Owner: W. M. Henley		Owner: H. D. Barnett		Owner: V. W. Redman	
Nov. 3, 1971	106.0	July 21, 1971	34.9	Sept. 9, 1970	44.2
Nov. 15, 1972	105.9	Nov. 3, 1971	32.9	Feb. 27, 1971	36.7
Nov. 9, 1973	110.7	Nov. 16, 1972	32.8	Nov. 3, 1971	37.4
Nov. 13, 1974	106.8	Nov. 9, 1973	30.5	Nov. 16, 1972	37.4
Nov. 10, 1975	105.4	Nov. 13, 1974	29.9	Nov. 9, 1973	35.6
Nov. 10, 1976	106.9	Nov. 10, 1975	28.9	Nov. 13, 1974	34.7
Nov. 3, 1977	112.1	Nov. 10, 1976	28.4	Nov. 10, 1975	33.8
		Nov. 3, 1977	29.1	Nov. 10, 1976	35.1
				Nov. 3, 1977	35.8
<b>Well TR-19-12-404</b>		<b>Well TR-19-18-901</b>		<b>Well TR-19-20-801</b>	
Owner: Leonard May		Owner: Texas A. & M. University		Owner: C. A. Baker	
Sept. 9, 1970	128.9	Nov. 3, 1971	102.0	Sept. 9, 1970	67.9
Nov. 3, 1971	143.0	Nov. 16, 1972	101.4	Feb. 27, 1971	41.1
Nov. 15, 1972	143.6	Nov. 9, 1973	100.9	Nov. 3, 1971	37.3
Nov. 9, 1973	144.4	Nov. 13, 1974	101.0	Nov. 16, 1972	33.9
Nov. 13, 1974	147.4	Nov. 10, 1975	109.5	Nov. 9, 1973	30.1
Nov. 10, 1975	150.2	Nov. 10, 1976	102.3	Nov. 13, 1974	26.0
Nov. 10, 1976	105.3	Nov. 13, 1977	97.1	Nov. 10, 1975	27.2
Nov. 3, 1977	106.1			Nov. 10, 1976	29.6
				Nov. 3, 1977	30.8
<b>Well TR-19-12-605</b>		<b>Well TR-19-19-702</b>		<b>Well TR-19-28-601</b>	
Owner: S. E. O'Neil		Owner: G. E. Richardson		Owner: Vincent Forrester	
Sept. 9, 1970	112.8	Nov. 3, 1971	160.4	Sept. 10, 1970	109.0
Feb. 27, 1971	112.3	Nov. 16, 1972	160.8	Feb. 27, 1971	112.3
Nov. 3, 1971	112.3	Nov. 9, 1973	159.1	July 21, 1971	119.5
Nov. 16, 1972	112.0	Nov. 13, 1974	167.3	Nov. 2, 1971	116.3
Nov. 9, 1973	112.6	Nov. 10, 1975	168.2	Nov. 16, 1972	108.2
Nov. 13, 1974	112.0	Nov. 10, 1976			
Nov. 10, 1975	112.2	Nov. 3, 1977	165.2		
Nov. 10, 1976	115.3				
Nov. 3, 1977	109.9				

# MONTAGUE COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well RT-19-28-601—Continued</b>		<b>Well TR-19-28-804</b>		<b>Well TR-19-28-804—Continued</b>	
Nov. 9, 1973	117.9	Owner: Gerald Lanier		Nov. 10, 1973	106.1
Nov. 13, 1974	118.3	Sept. 10, 1970	116.8	Nov. 13, 1974	108.5
Nov. 10, 1975	105.4	July 21, 1971	129.8	Nov. 10, 1976	123.1
Nov. 10, 1976	118.6	Nov. 2, 1971	112.8	Nov. 3, 1977	123.8
Nov. 3, 1977	115.8				

## MONTAGUE COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kca, Antlers Formation; Paleo, Paleozoic Era.

Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids. Analyses by Texas Department of Health.

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
TR-19-03-601	Paleo	172	Oct. 14, 1975	19	--	84	6	65	--	332	80	21	0.4	< 0.4	--	439	236	681	7.8	38	1.8	0.7
720	Paleo	225	Oct. 17, 1963	13	--	52	17	160	--	386	156	44	.6	< .4	--	632	197	990	7.8	64	4.9	2.3
808	Paleo	150	Feb. 11, 1964	14	--	128	30	116	--	329	360	35	.6	< .4	--	845	443	1,330	7.5	36	2.3	.0
09-610	Paleo	360	Oct. 15, 1975	9	--	8	1	290	--	550	76	89	2.0	< .4	--	745	24	1,200	7.8	96	25.7	8.5
10-621	Paleo	302	do	9	--	2	1	355	--	580	109	121	3.3	< .4	--	885	7	1,450	8.5	99	51.2	9.3
704	Paleo	252	July 22, 1971	10	--	1	2	250	--	489	24	68	1.7	< .4	--	597	10	978	8.7	98	33.2	7.8
704	Paleo	252	Sept. 2, 1976	11	--	1	1	249	--	510	24	74	1.7	1.1	--	613	3	1,024	8.6	99	42.1	8.2
11-701	Paleo	727	July 8, 1944	11	--	5	1	481	5.6	736	53	286	3.0	1.2	--	1,208	18	--	8.4	98	51.3	11.7
702	Paleo	388	Nov. 17, 1944	13	--	3	1	210	--	503	30	12	1.6	1.5	--	519	10	--	8.4	98	26.8	8.0
707	Paleo	600	do	8	--	4	1	278	4.5	647	53	19	4.0	1.8	--	691	13	--	8.4	97	32.2	10.3
709	Paleo	371	Nov. 10, 1944	--	--	2	1	205	--	498	20	16	--	1.2	--	518	6	--	8.4	98	29.5	7.9
12-404	Paleo	306	Feb. 27, 1971	10	--	14	6	123	--	304	30	27	.2	< .4	--	360	58	578	8.0	82	6.9	3.7
404	Paleo	306	Sept. 3, 1976	21	--	160	27	94	--	384	84	216	.2	27.0	--	818	510	1,350	8.2	29	1.8	.0
605	Kca	148	Feb. 27, 1971	24	--	100	28	45	--	346	24	99	.2	6.0	--	496	364	839	7.2	21	1.0	.0
605	Kca	148	Nov. 3, 1977	26	--	108	20	66	--	343	38	76	.4	67.0	--	570	350	897	7.7	29	1.5	.0
13-701	Kca	324	Oct. 22, 1975	10	--	2,350	540	6,900	--	116	4	16,300	.3	< .4	--	26,161	8,100	12,000	7.4	65	33.3	.0
17-604	Paleo	100	July 21, 1971	14	--	158	66	106	--	239	119	258	.5	246.0	--	1,085	670	1,680	7.4	26	1.7	.0
604	Paleo	100	Nov. 9, 1973	15	--	147	57	98	--	214	90	247	.5	242.0	--	1,001	600	1,600	7.3	26	1.7	.0
604	Paleo	100	Sept. 2, 1976	19	--	100	39	71	--	234	81	148	.3	114.0	--	687	413	1,120	7.6	27	1.5	.0
901	Paleo	360	Sept. 25, 1975	10	--	2	1	229	--	453	72	40	1.3	1.5	--	579	7	940	8.5	98	33.0	7.2
18-901	Paleo	243	July 22, 1971	20	--	91	18	10	--	355	10	9	.1	< .4	--	333	300	530	7.5	7	.2	.0
901	Paleo	243	Nov. 9, 1973	19	--	91	17	11	--	357	11	11	.1	< .8	--	336	296	560	7.4	7	.2	.0
901	Paleo	243	Sept. 3, 1976	23	--	92	15	11	--	356	11	12	.1	< .4	--	339	291	550	8.1	8	.2	.0
902	Paleo	360	Oct. 14, 1975	25	--	116	30	69	--	311	65	168	.2	14.0	--	640	414	1,071	7.7	27	1.4	.0
19-101	Paleo	505	May 7, 1953	15	--	5	2	161	--	293	44	18	.0	< .4	--	389	21	--	8.8	94	15.3	4.3
401	Paleo	300	Feb. 14, 1964	10	--	13	4	85	--	261	18	9	.2	< .4	--	267	52	475	8.0	79	5.2	3.3
701	Paleo	260	do	12	--	17	6	78	--	262	20	8	.3	< .4	--	270	69	460	8.1	72	4.1	2.9
702	Paleo	260	May 5, 1961	12	--	12	6	89	--	263	20	7	.3	2.5	--	278	56	--	7.7	78	5.2	3.2



## MONTAGUE COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25 °C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
TR-19-19-702	Paleo	260	Feb. 14, 1964	11	--	18	2	86	--	264	19	7	0.3	< 0.4	--	273	54	471	8.1	78	5.1	3.2
702	Paleo	260	July 22, 1971	11	--	20	8	86	--	272	22	17	.2	1.5	--	299	84	490	7.8	69	4.1	2.8
702	Paleo	260	Sept. 24, 1976	13	--	20	8	85	--	277	21	18	.3	3.0	--	304	84	503	7.9	69	4.0	2.8
20-601	Kca	430	Mar. 4, 1964	17	--	102	33	27	6.8	408	96	13	.4	3.8	--	499	390	--	7.4	13	.5	.0
601	Kca	430	June 29, 1967	--	0.2	104	30	26	--	407	97	13	.3	< .4	--	471	385	900	7.5	13	.5	.0
601	Kca	430	Sept. 3, 1976	22	--	105	31	24	--	403	104	12	.2	2.3	--	498	391	763	7.9	12	.5	.0
602	Paleo	700	Mar. 4, 1964	10	--	12	3	283	--	390	39	205	.4	1.5	--	745	43	1,320	7.7	94	18.9	5.5
602	Paleo	700	June 29, 1967	--	.2	11	4	285	--	403	41	208	.5	< .4	--	748	44	1,432	8.2	93	18.7	5.7
602	Paleo	700	Sept. 24, 1975	20	--	110	23	29	--	404	90	12	.3	< .4	--	483	370	744	8.1	14	.6	.0
603	Paleo	747	Mar. 4, 1964	13	--	56	20	87	--	362	84	19	.2	1.5	--	458	224	776	7.6	46	2.5	1.4
603	Paleo	747	June 23, 1967	--	.4	46	17	125	--	384	80	50	.3	< .4	--	508	184	950	7.8	60	4.0	2.6
603	Paleo	747	June 2, 1976	--	--	47	13	156	--	407	52	89	.3	< .4	--	553	169	1,080	7.9	66	5.1	3.2
604	Paleo	670	Mar. 2, 1968	--	.7	2	5	210	1.0	340	51	30	.3	< .0	--	467	34	--	8.3	94	18.0	5.0
604	Paleo	670	Dec. 5, 1975	--	--	2	3	194	--	411	48	10	.5	< .4	--	470	16	840	8.8	96	20.2	6.3
605	Paleo	565	do	--	--	53	18	61	5.0	353	45	12	.3	< .4	--	368	207	695	8.2	38	1.8	1.6
801	Kca	128	Feb. 27, 1971	18	--	130	24	14	--	393	84	13	.4	14.0	--	490	423	755	7.4	7	.2	.0
801	Kca	128	Nov. 3, 1977	16	--	144	15	14	--	393	81	18	.4	39.0	--	520	423	799	7.8	7	.2	.0
26-201	Paleo	500	Apr. 23, 1964	8	--	39	21	51	--	317	14	17	.2	< .4	--	306	185	555	7.7	38	1.6	1.5
201	Paleo	500	Jan. 13, 1966	9	--	36	22	54	--	312	17	15	.1	< .4	--	306	182	540	7.7	39	1.7	1.5
202	Paleo	742	do	9	--	8	4	124	--	318	20	14	.7	< .4	--	336	34	560	8.2	88	8.9	4.4
203	Paleo	670	May 11, 1966	16	--	4	2	135	--	327	22	14	.6	< .4	--	354	19	577	7.7	94	13.7	4.9
208	Paleo	413	Apr. 23, 1964	8	--	38	22	51	--	320	15	17	.2	< .4	--	308	188	560	7.6	37	1.6	1.5
208	Paleo	413	Jan. 13, 1966	9	--	35	23	54	--	312	19	15	.2	< .4	--	309	182	540	7.7	39	1.7	1.4
209	Paleo	384	Apr. 23, 1964	8	--	38	22	47	--	311	13	17	.2	< .4	--	298	187	546	7.7	36	1.5	1.3
209	Paleo	384	Jan. 13, 1966	9	--	37	22	52	--	310	14	16	.2	< .4	--	303	181	530	7.8	38	1.6	1.4
401	Paleo	154	May 8, 1961	10	--	51	32	58	--	290	33	79	.1	< .2	--	405	258	735	7.4	33	1.5	.0
401	Paleo	154	May 5, 1964	9	--	54	32	48	--	285	26	77	.2	< .4	--	386	267	724	7.9	28	1.2	.0
401	Paleo	154	Sept. 3, 1976	10	--	9	5	176	--	414	38	28	1.8	1.9	--	473	41	783	8.7	90	11.6	5.9
504	Paleo	253	Jan. 13, 1966	17	--	163	9	70	--	414	48	139	.1	7.0	--	656	445	1,130	7.2	26	1.4	.0
504	Paleo	253	May 10, 1966	21	--	165	9	70	--	416	48	138	.2	4.0	--	659	449	1,050	7.2	25	1.4	.0
505	Paleo	375	May 11, 1966	15	--	153	13	83	--	427	57	147	.4	.4	--	678	437	1,120	7.3	29	1.7	.0
606	Paleo	460	Oct. 14, 1975	15	--	108	11	33	--	349	20	59	.2	9.0	--	426	318	725	7.7	18	.8	.0
27-701	Kca	128	Apr. 7, 1964	29	--	81	31	20	--	365	21	25	.4	17.0	--	403	328	682	7.4	12	.4	.0

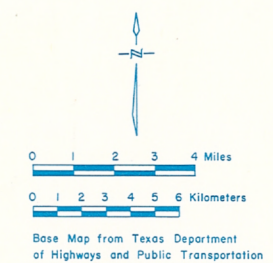
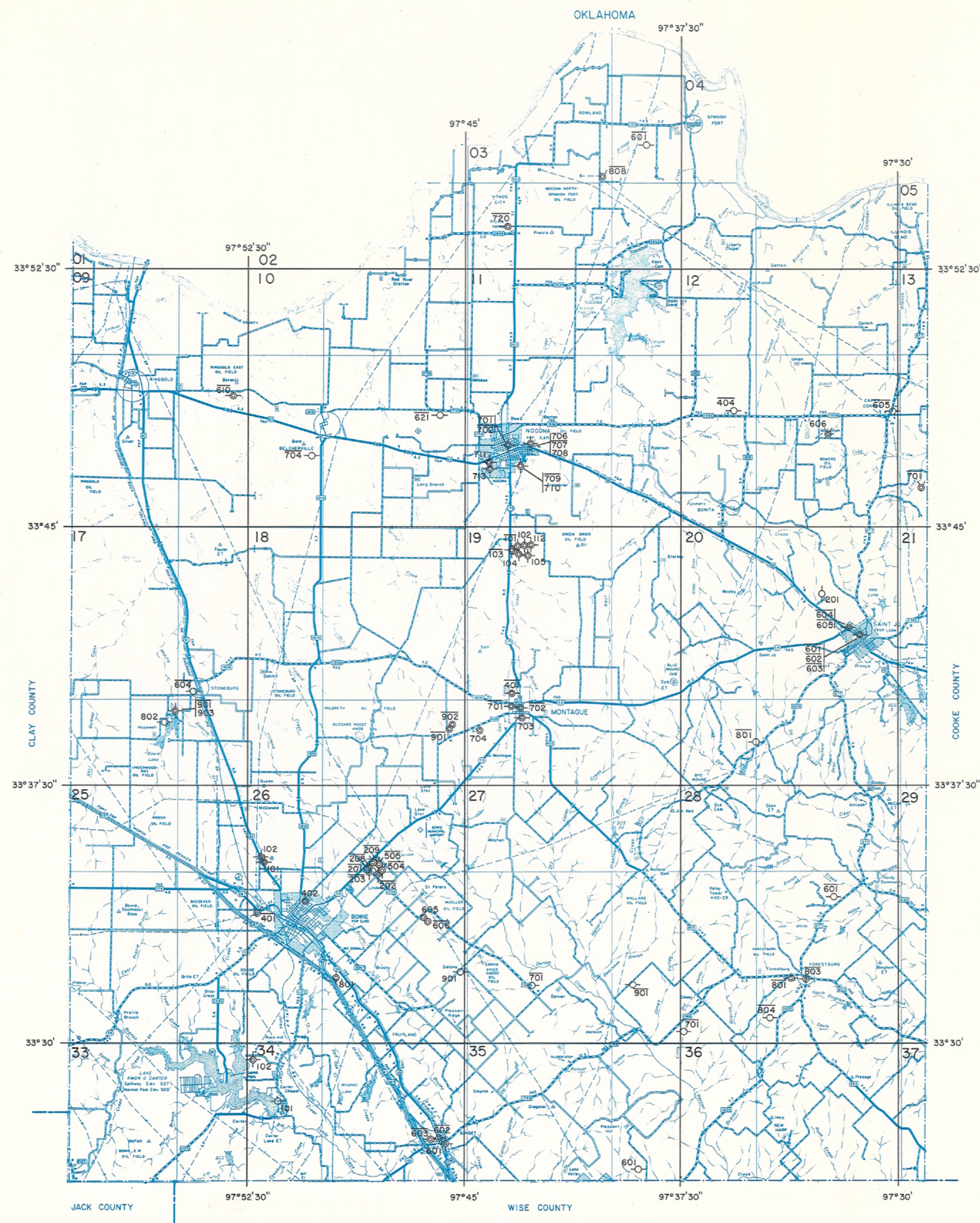
## MONTAGUE COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
TR-19-27-701	Kca	128	Sept. 24, 1976	30	--	83	27	18	--	355	21	26	0.3	13.0	--	392	316	637	7.8	11	0.4	0.0
901	Kca	180	Apr. 7, 1964	20	--	68	20	37	--	301	58	21	.3	8.0	--	380	253	637	7.3	24	1.0	.0
901	Kca	180	Sept. 24, 1976	28	--	70	18	38	--	237	81	23	.2	6.0	--	380	248	599	8.7	25	1.0	.0
28-601	Kca	200	July 21, 1971	19	--	80	14	200	--	400	151	151	.3	12.0	--	823	259	1,250	7.3	63	5.4	1.4
601	Kca	200	Sept. 24, 1976	21	--	165	29	46	--	403	137	112	.2	13.0	--	721	530	1,138	7.6	16	.8	.0
701	Kca	198	Apr. 22, 1964	17	--	92	45	60	--	373	156	61	.3	< .4	--	615	415	1,007	7.5	24	1.2	.0
701	Kca	198	Sept. 24, 1976	20	--	168	63	67	--	458	304	99	.2	< .4	--	946	680	1,410	7.6	18	1.1	.0
801	Kca	200	May 5, 1961	24	4.0	102	19	21	--	355	67	12	.2	.0	--	459	332	666	6.9	12	.5	.0
801	Kca	200	Apr. 23, 1964	22	--	105	18	16	--	357	66	9	.2	< .4	--	412	336	663	7.5	9	.3	.0
803	Kca	459	Nov. 6, 1964	20	--	79	29	28	--	365	69	14	.2	< .4	--	419	319	690	7.4	16	.6	.0
803	Kca	459	Apr. 2, 1974	--	--	84	31	26	--	366	75	16	.3	4.7	--	417	339	798	7.5	14	.6	.0
804	Kca	250	July 21, 1971	20	--	145	14	23	--	397	67	51	.3	< .4	--	515	423	801	7.4	11	.4	.0
34-602	Paleo	485	Sept. 16, 1975	10	--	3	1	176	--	412	19	20	.5	< .4	--	432	11	710	8.5	97	22.4	6.5
603	Paleo	490	Feb. 14, 1964	10	--	4	2	207	--	432	26	51	1.3	< .4	--	514	17	934	8.6	96	21.1	6.7







- EXPLANATION
- ⊙ Public supply well
  - ⊙ Industrial well
  - ⊙ Irrigation well
  - ⊙ Domestic or livestock well
  - ⊙ Oil or gas well
  - ⊙ Test hole
  - ⊙ Unused or abandoned well
  - ⊙ Solid circle indicates flowing well
  - 201
  - Line above well number indicates chemical analysis given in Table 4
- Note: This county is entirely within 1° quadrangle number 19

Location of Selected Water, Oil, and Gas Wells in Montague County



NAVARRO COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.  
 Water level : Reported water levels given in feet; measured water levels given to the nearest tenth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder, E, electric, G, gasoline, butane or diesel engine; H, hand; J, jet; N, none;  
 S, submersible; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply, S, livestock.  
 Water-bearing unit : Kgna, Nacatoch Sand, Kgw, Woodbine Group; Qal, Alluvium.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*TY-33-52-801	City of Emhouse	H. R. Stroube, Jr.	1956	1,750	4	1,750	Kgw	473	300 412.8 431.0	Aug. 26, 1956 Jan. 25, 1971	S, E 3	N	Perforated from 1,700-1,750 ft. Reported yield 7 gal/min. Abandoned in 1970. <u>3</u>
802	do	Fred M. Allison	1917	2,017	6 3	-- --	Kgw	474	+ 25 0	Nov. 7, 1917 1925	N	N	Flowed 35 gal/min until 1925. Destroyed. <u>1</u>
* 53-602	Roane Water Supply Corporation	J. L. Myers Sons	1962	269	7 4	221 253	Kgna	427	91	July 11, 1962	S, E 2	N	Cemented to 221 ft. Screened from 224-249 ft. Underreamed. Gravel packed. Pump set at 236 ft. Drawdown 141 ft at 12 gal/min in July 1962. <u>1</u>
* 603	do	do	1962	269	7 4	226 259	Kgna	426	105.6 94.1	Feb. 7, 1968 Jan. 28, 1971	S, E 2	N	Cemented to 226 ft. Screened from 230-255 ft. Underreamed. Gravel packed. Pump set at 246 ft. Drawdown 61 ft at 20 gal/min in Aug. 1962. <u>1</u> <u>2</u>
54-101	Charlie White	--	1957	42	20	42	Qal	316	26.2 30.3	Apr. 16, 1968 Jan. 28, 1971	T, G	Irr	<u>3</u>
* 58-501	City of Frost	C. L. Witherspoon	1890	1,184	6	1,184	Kgw	545	150	1961	T, E 25	F	Perforated from 1,164-1,184 ft. Pump set at 465 ft. Reported yield 65 gal/min. Temp. 93°F.
* 502	Frost Gin Co.	--	1939	1,290	6 4	-- --	Kgw	520	345.6 331.9	July 16, 1968 Jan. 25, 1971	S, E 3	Ind	--
* 503	City of Frost	J. L. Myers Sons	1973	1,300	8 4	1,150 1,300	Kgw	542	390	July 14, 1973	T, E 30	F	Cemented to 1,150 ft. Screened from 1,150-1,181; 1,186-1,212; and 1,217-1,232 ft. Underreamed. Gravel packed. Pumping level 511.1 ft on Nov. 13, 1975. <u>1</u> <u>2</u>
* 701	J. C. Fly	--	1910	1,100	4	--	Kgw	528	250	1967	C, E 1 1/2	N	Temp. 81°F.
* 59-101	City of Blooming Grove	H. R. Dearing and Sons	1925	1,488	6 5	-- 1,488	Kgw	593	250 275	Feb. 21, 1944 1958	T, E 20	N	Perforated from 1,401-1,450 ft. Reported yield 65 gal/min. <u>1</u>
* 102	do	J. L. Myers Sons	1966	1,603	14 8 4	21 1,402 1,603	Kgw	595	467 474.7 503.0 528.0	Oct. 26, 1966 Feb. 13, 1968 Apr. 11, 1974 June 4, 1975	S, E 30	F	Cemented to 1,402 ft. Screened from 1,402-1,514 ft. Underreamed. Gravel packed. Pump set at 673 ft. Pumping level 535 ft at 140 gal/min when drilled and 545 ft on Apr. 11, 1974. Temp. 98°F. <u>1</u> <u>2</u>
103	do	Benton and Gaines	1907	1,436	6 3	612 1,397	Kgw	592	55 241.6	July 9, 1907 Feb. 22, 1944	N	N	Completed from 1,323-1,340 ft. <u>1</u>
* 301	City of Barry	H. R. Stroube, Jr.	1958	1,650	6 4	-- 1,650	Kgw	502	90 176.9	1958 Jan. 26, 1968	S, E 5	N	Perforated from 1,610-1,650 ft. Pump set at 600 ft. Salt water contaminated. Temp. 97°F.
* 302	Barry Deep Well Co.	Fred M. Allison	1917	1,721	4 3	-- 1,721	Kgw	502	18 55 382.9 381.9	Sept. 20, 1917 1943 Jan. 30, 1968 Nov. 17, 1972	N	N	Perforated from 1,572-1,625 and 1,711-1,721 ft. <u>1</u> <u>2</u>
60-202	Corsicana Water Department	Corsicana Water Department	1952	2,029	9	--	Kgw	452	190	Feb. 16, 1952	N	N	Completed from 1,835-1,980 ft. Test well not used. <u>2</u>
61-102	City of Corsicana	H. G. Johnson	1895	2,515	10	--	Kgw	418	82	May 19, 1938	N	N	Destroyed in 1948. <u>1</u>

See footnotes at end of table.

NAVARRO COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*TY-33-61-702	Floyd E. Knotts	Bobby R. Martin	1963	241	5	208	Kgna	451	69.8 72.4	June 13, 1968 Jan. 29, 1971	S, E 1/2	D	Cemented to 208 ft. Open hole from 208-241 ft. Temp. 75°F. <sup>3</sup>
* 39-04-401	City of Purdon	H. R. Stroube, Jr.	1956	1,750	8	1,750	Kgw	396	281.7 364.6 387.5	June 29, 1961 May 8, 1968 Nov. 15, 1974	N	N	Perforated from 1,700-1,740 ft. Reported yield 7 gal/min. Temp. 91°F. <sup>2</sup> / <sub>3</sub>
" 601	Richland City	do	1958	120	7	120	Kgna	336	44.9 46.9	May 8, 1968 Jan. 26, 1971	S, E 1/2	N	Perforated from 100-120 ft. Gravel packed. Temp. 70°F. <sup>3</sup>

<sup>1</sup> For chemical analyses of water, see Table 4.

<sup>1</sup>/<sub>1</sub> Drillers' log in files of the Texas Department of Water Resources.

<sup>2</sup>/<sub>2</sub> Geophysical logs in files of the Texas Department of Water Resources.

<sup>3</sup>/<sub>3</sub> For water-level measurements, see Table 3.

# NAVARRO COUNTY

## Table 3.—Water Levels in Selected Wells

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well TY-33-52-801</b>		<b>Well TY-33-54-101—Continued</b>		<b>Well TY-33-61-702—Continued</b>	
Owner: City of Emhouse		Jan. 28, 1971	30.3	Nov. 8, 1976	73.8
1956	300	Nov. 21, 1971	28.9	Oct. 26, 1977	78.2
Aug. 26, 1965	412.8	Nov. 17, 1972	33.0	<b>Well TY-39-04-401</b>	
May 7, 1968	434.9	Nov. 5, 1973	28.3	Owner: City of Purdon	
Jan. 25, 1971	431.0	Nov. 15, 1974	32.8	June 29, 1961	281.7
Nov. 12, 1971	418.6 <sup>c</sup>	Nov. 12, 1975	26.7	May 8, 1968	364.6
Nov. 17, 1972	424.6 <sup>c</sup>	Nov. 9, 1976	26.4	Jan. 26, 1971	383.5
Nov. 5, 1973	419.0 <sup>c</sup>	Oct. 26, 1977	29.4	Nov. 12, 1971	384.9
Nov. 8, 1976	352.0 <sup>c</sup>	<b>Well TY-33-59-302</b>		Nov. 17, 1972	385.9
Oct. 26, 1977	339.3	Owner: Barry Deep Well Co.		Nov. 5, 1973	361.9
<b>Well TY-33-53-603</b>		Sept. 20, 1917	18	Nov. 15, 1974	387.5
Owner: Roane Water Supply Corporation		1943	55	Nov. 13, 1975	393.2
Aug. 7, 1962	95	Jan. 30, 1968	382.9	Nov. 8, 1976	381.8
Feb. 7, 1968	105.6	Jan. 25, 1971	383.0	Oct. 25, 1977	381.4
Jan. 28, 1971	94.1	Nov. 12, 1971	379.2	<b>Well TY-39-04-601</b>	
Nov. 12, 1971	82.3	Nov. 17, 1972	381.9	Owner: Richland City	
Nov. 17, 1972	85.6	<b>Well TY-33-61-702</b>		May 8, 1968	44.9
Nov. 12, 1975	74.9	Owner: Floyd E. Knotts		Jan. 26, 1971	46.9
Nov. 9, 1976	75.1	June 13, 1968	69.8	Nov. 12, 1971	70.8†
Oct. 26, 1977	78.2	Jan. 29, 1971	72.4	Nov. 17, 1972	27.0
<b>Well TY-33-54-101</b>		Nov. 12, 1971	73.2	Nov. 5, 1973	35.0
Owner: Charlie White		Nov. 17, 1972	75.1	Nov. 15, 1974	24.0
Apr. 16, 1968	26.2	Nov. 6, 1973	73.5	Nov. 13, 1975	19.7
Apr. 17, 1968	27.5	Nov. 15, 1974	72.8	Nov. 8, 1976	28.1
				Oct. 24, 1977	29.1

<sup>c</sup> Casing leaking  
<sup>†</sup> Questionable measurement

NAVARRO COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kgna, Nacatoch Sand, Kgw, Woodbine Group.

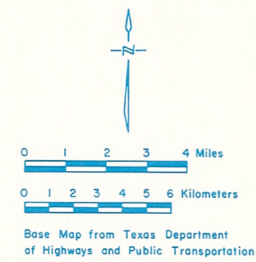
Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids.  
Analyses by Texas Department of Health.

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
TY-33-52-801	Kgw	1,750	July 5, 1961	17	--	9	3	1,240	--	1,150	280	1,040	3.9	9.8	--	3,168	34	5,190	7.6	99	91.4	18.1
802	Kgw	2,017	Feb. 22, 1944	15	0.3	9	3	1,040	--	1,120	491	612	2.3	3.2	--	2,726	36	4,450	7.5	98	76.7	17.6
53-602	Kgna	253	Feb. 7, 1968	11	--	5	1	526	2.3	558	320	270	1.5	1.8	--	1,412	14	2,300	8.1	98	56.1	8.8
602	Kgna	253	July 5, 1976	5	--	2	1	520	--	486	299	268	1.5	< .4	--	1,335	7	2,170	9.0	99	75.0	7.7
603	Kgna	259	Feb. 7, 1968	13	--	5	1	611	2.4	620	236	412	1.8	1.2	--	1,588	16	2,600	8.0	98	65.2	9.8
58-501	Kgw	1,184	Feb. 21, 1944	14	--	4	1	594	10.0	724	441	131	2.1	4.4	--	1,557	13	2,510	7.5	98	68.8	11.5
501	Kgw	1,184	June 1, 1969	--	.1	4	2	570	--	780	422	136	4.3	< .4	--	1,522	17	2,814	8.5	98	58.1	12.4
502	Kgw	1,290	July 18, 1968	13	--	4	2	846	3.1	924	372	500	4.7	.5	--	2,199	15	3,560	8.2	99	86.2	14.7
502	Kgw	1,290	Nov. 12, 1971	14	--	5	3	830	--	940	368	498	5.3	< .4	--	2,185	28	3,330	8.3	99	72.4	14.9
503	Kgw	1,300	Aug. 18, 1973	--	.1	3	1	598	--	778	419	127	3.0	.2	--	1,533	12	2,055	8.4	99	76.3	12.5
503	Kgw	1,300	Feb. 25, 1975	--	.1	4	1	620	--	830	442	159	5.0	1.6	--	1,640	12	2,919	8.2	99	71.8	13.3
503	Kgw	1,300	Feb. 26, 1976	--	.2	3	1	590	--	820	398	149	4.6	.7	--	1,550	11	2,835	8.4	99	75.3	13.2
701	Kgw	1,100	June 11, 1968	12	--	6	2	672	1.3	705	520	252	4.6	11.0	--	1,827	21	2,940	7.9	98	60.6	11.0
59-101	Kgw	1,488	Feb. 21, 1944	14	--	6	2	981	9.2	1,040	172	760	2.4	7.1	--	2,465	26	4,220	7.7	98	88.6	16.5
101	Kgw	1,488	Dec. 4, 1963	--	--	4	2	930	--	1,090	202	720	5.0	< .4	--	2,396	20	4,732	8.3	99	94.8	17.5
102	Kgw	1,603	Feb. 9, 1968	16	--	4	1	846	2.9	1,040	492	360	6.1	.8	--	2,240	14	3,520	8.2	99	98.0	16.7
102	Kgw	1,603	Aug. 12, 1975	16	--	7	2	860	--	1,010	499	394	5.7	5.3	--	2,285	25	3,200	8.1	99	73.8	16.0
102	Kgw	1,603	July 7, 1976	16	.1	5	2	830	--	1,000	457	357	5.6	.9	--	2,165	19	3,200	8.2	99	79.3	15.9
301	Kgw	1,650	June 12, 1959	--	.4	9	1	970	--	1,021	330	720	4.3	< .4	--	3,000	23	5,000	8.0	99	81.8	--
301	Kgw	1,650	Jan. 26, 1968	9	5.8	218	59	3,420	15.0	172	9	5,820	1.0	24.0	5.7	9,671	786	16,900	7.3	90	53.0	.0
302	Kgw	1,721	Feb. 22, 1944	14	--	5	2	945	--	994	351	588	2.2	2.2	--	2,398	18	4,010	7.6	99	90.3	15.8
61-102	Kgw	2,515	May 1, 1938	--	--	15	5	1,808	1,810.0	1,580	153	1,790	2.5	20.0	--	6,380	55	--	--	62	103.2	24.7
702	Kgna	241	June 13, 1968	11	--	8	1	582	2.6	514	205	455	1.0	11.0	--	1,529	24	2,680	7.9	98	51.6	7.9
702	Kgna	241	Feb. 8, 1971	13	--	7	2	580	--	510	194	460	1.0	3.0	--	1,510	24	2,360	8.0	98	49.7	7.8
702	Kgna	241	Nov. 6, 1973	12	--	6	2	570	--	510	202	462	1.0	.8	--	1,506	23	2,470	7.6	98	51.4	7.8
702	Kgna	241	Nov. 13, 1975	15	--	8	1	580	--	510	200	463	.9	6.0	--	1,524	23	2,350	8.4	98	51.4	7.8
39-04-401	Kgw	1,750	June 29, 1961	18	--	8	4	1,250	--	1,170	158	1,140	4.2	2.0	--	3,159	35	5,290	7.7	99	90.1	18.4
401	Kgw	1,750	May 8, 1968	18	--	11	5	1,390	5.3	1,160	69	1,420	4.8	1.1	--	3,494	50	6,060	7.5	98	87.2	18.0
601	Kgna	120	Nov. 12, 1971	17	--	3	1	299	--	550	28	118	.7	< .4	--	737	12	1,250	8.5	98	38.1	8.7





- EXPLANATION
- ⊕ Public supply well
  - ⊕ Industrial well
  - ⊕ Irrigation well
  - ⊕ Domestic or livestock well
  - ⊕ Oil or gas well
  - ⊕ Test hole
  - ⊕ Unused or abandoned well
  - ⊕ Solid circle indicates flowing well
  - ⊕ Line above well number indicates chemical analysis given in Table 4



Location of Selected Water, Oil, and Gas Wells in Navarro County



PARKER COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.  
 Water level : Reported water levels given in feet, measured water levels given to the nearest tenth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder, E, electric, G, gasoline, butane or diesel engine, H, hand; J, jet; N, none;  
 S, submersible; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic, Ind, industrial; Irr, irrigation, N, none, P, public supply; S, livestock.  
 Water-bearing unit : Kcgr, Glen Rose Formation; Kcpa, Paluxy Formation, Kctm, Twin Mountains Formation; Paleo, Paleozoic Era, Qal, Alluvium.

Well	Owner	Driller	Date completed	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks	
				Depth of well (ft)	Diameter (in.)			Depth (ft)	Below land-surface datum (ft)				Date of measurement
UP-31-08-601	Whitt Public School	--	--	60	--	--	Kctm	1,110	38.8 40.6	Dec. 20, 1949 Feb. 10, 1971	J, E	D	3
602	City of Whitt	Watts Drilling Co.	1965	410	9	380	Paleo	1,130	200 255.8	June 1965 Jan. 29, 1975	S, E 2	P	Cemented to 380 ft. Casing perforated from 220-230 ft. Reported yield 122 gal/min. Temp. 70°F. 1/2
603	do	do	1965	410	4	410	Paleo	1,130	180	Aug. 21, 1965	S, E 2	P	Cemented to 380 ft. Perforated from 380-410 ft. Pump set at 400 ft. Reported yield 15 gal/min. 1/2
32-01-401	W. E. Lawrence	--	--	130	4	--	Kctm	1,143	--	--	N	N	Temp. 69°F.
801	E. Davidson	--	--	65	4	--	Kctm	1,035	43.6	Jan. 24, 1950	H	D	--
02-101	J. D. McGurry	John Cooke	1945	80	4	50	Kcpa	1,150	52.0 41.9	Nov. 25, 1949 Feb. 9, 1971	N	N	Well sounded at 65 ft. 3
102	Town of Poolville	--	1920	30	--	--	Kcpa	1,130	24.8 24.1	June 30, 1971 Nov. 13, 1974	W	Irr	Dug well. 3
104	Poolville Independent School District	Nolan J. Walker	1970	160	5	160	Kcpa	1,150	38.0	Jan. 29, 1975	S, E	P	Cemented to 40 ft. Gravel packed. Temp. 68°F. 1/2
301	C. W. Prescott	Measures Brothers	1948	109	6	109	Kcpa	1,040	33.7 28.3	Nov. 30, 1949 Feb. 9, 1971	S, E	D	3
302	Thurman Water Co.	Fred Dilbeck	1970	545	4	545	Kcpa, Kctm	1,192	47.6	Feb. 12, 1975	N	P	Yield 5 gal/min. Used as stand-by.
303	do	do	1970	126	4	126	Kcpa	1,189	43.9	do	S, E 1 1/2	P	Pump set at 123 ft. Reported yield 25 gal/min.
* 03-201	Lone Star Gas Co.	Layne-Texas Co.	1959	386	14 8	248 386	Kctm	905	282	Nov. 24, 1959	T, E 20	Ind	Cemented to 248 ft. Underreamed. Gravel packed. Screened from 269-292; 305-320; and 340-370 ft. Pump set at 360 ft. Pumping level 334 ft at 70 gal/min when drilled. 1/2 2/2
202	do	--	1953	383	10 6	-- 383	Kctm	910	150	Aug. 1960	T, E 15	N	Completed from 283-295 and 368-381 ft. Reported yield 95 gal/min. 2/2
203	do	--	--	380	10 6	-- 380	Kctm	910	--	--	T, E 15	Ind	Reported yield 70 gal/min.
* 204	City of Springtown	Henry C. Millican	1960	398	13 10 7	44 285 396	Kctm	877	251	Oct. 17, 1960	T, E 15	P	Cemented to 285 ft. Screened from 285-312 and 325-372 ft. Pump set at 350 ft. Reported yield 80 gal/min. Pumping level 332 ft at 100 gal/min when drilled. Gravel packed. 1/2 2/2
205	do	do	1967	388	10 7	283 383	Kctm	877	270	May 4, 1967	T, E 15	P	Cemented to 283 ft. Screened from 283-317 and 331-380 ft. Pumping level 360 ft at 80 gal/min. Temp. 69°F. 1/2 2/2
206	do	H. and L. Drilling Co.	1972	360	8	360	Kctm	850	241.4	Jan. 29, 1975	S, E	P	--
207	Springtown Ice Co.	Fort Worth Drilling Co.	1947	375	8 6	108 375	Kctm	852	--	--	N	N	Cemented to 108 ft. Slotted from 275-375 ft. Reported yield 19 gal/min.

See footnotes at end of table.

PARKER COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Casing		Water bearing unit	Altitude of land surface (ft.)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft.)			Below land-surface datum (ft.)	Date of measurement			
*UP-32-03-208	Kline Brothers	Fred Dilbeck	1949	122	8 6	58 122	Kcpa	855	29.2	Dec. 23, 1949	N	N	Perforated from 80-120 ft.
209	Lone Star Gas Co.	--	1953	315	10 6	188 315	Kcpa, Kctm	915	--	--	N	N	Combined yield of 3 wells yielded 20 gal/min. Plugged.
210	do	--	1953	312	10 7	140 312	Kcpa, Kctm	910	--	--	N	N	Do.
211	do	--	1953	--	10 6	-- --	Kcpa, Kctm	920	--	--	N	N	Do.
* 501	Robert Dennis	--	--	200	5	200	Kcpa	800	160	Oct. 18, 1976	S, E 3/4	D, S	Cemented to 100 ft. Slotted.
602	Community Water Co.	C. M. Stoner Drilling Co.	1973	614	4	614	Kctm	1,000	480 456.9	Jan. 31, 1973 Feb. 5, 1975	S, E	P	Cemented to 526 ft. Screened from 530-540; 550-560; and 570-580 ft. Slotted from 594-614 ft. <u>1</u> <u>2</u>
* 603	Thurman Water Co.	--	1970	650	6 5	-- 650	Kctm	890	--	--	S, E 5	P	Cemented 6-inch casing. Slotted from 600-650 ft. Reported yield 22 gal/min.
* 604	do	Albert W. Smith	1971	690	4	600	Kctm	840	269.1	Feb. 12, 1975	S, E 2	P	Cemented to 300 ft. Slotted. Reported yield 14 gal/min.
* 605	Larry Cooper	Richard Young	1975	460	4	460	Kctm	864	291.4	Aug. 9, 1976	S, E 1 1/2	D	Cemented to 200 ft. Slotted from 315-335, 378-398; and 400-420 ft. Gravel packed. Pump set at 357 ft. <u>1</u> <u>2</u>
* 608	Troy Sessum	J. T. Green	1972	463	4	463	Kctm	918	306 328.4	May 27, 1972 Aug. 9, 1976	S, E 2	D, S	Cemented to 390 ft. Slotted. Pump set at 450 ft.
* 614	R. H. Wooten	do	1972	533	6 4	465 333	Kctm	911	410	July 21, 1972	S, E	S	Cemented to 465 ft. Screened from 482-507 ft. Pump set at 495 ft. Drawdown 8 ft pumping 12 gal/min. <u>1</u>
* 617	Walnut Creek Water Supply Corporation	C. M. Stoner Drilling Co.	1969	536	10 7	452 536	Kctm	905	368 421.0	Jan. 31, 1969 Feb. 24, 1978	S, E 10	P	Cemented to 452 ft. Screened from 452-469 and 480-514 ft. Pump set at 495 ft. Drawdown 103 ft pumping 78 gal/min when drilled. <u>1</u>
618	do	J. T. Green	1972	504	7	504	Kctm	860	400	Feb. 24, 1978	S, E 10	P	Cemented and perforated.
801	Community Water Co.	H. E. Turbeville Water Well Contractor	1972	458	4	458	Kcpa	1,165	310 292.5	June 7, 1972 Feb. 26, 1975	S, E 3	P	Cemented to bottom. Gun perforated from 354-358; 370-374, 391-394; and 424-428 ft. <u>2</u>
802	do	Fred Dilbeck	1973	315	4	315	Kcpa	1,165	214.6	Feb. 26, 1975	S, E 3	P	--
803	do	do	1973	660	4	660	Kctm	1,165	578	1973	N	P	--
* 04-101	Ken Hollin	--	--	70	--	--	Kcpa	800	35.6 44.7 41.9 64.6	Jan. 16, 1945 Feb. 9, 1971 Nov. 29, 1971 Nov. 15, 1974	W	D	--
801	Tanglewood Estates	E. C. Stone Water Well Drilling Co.	1967	440	4	429	Kctm	795	350	July 8, 1967	S, E 1 1/2	P	Cemented to bottom. Gun perforated from 250-254; 274-278; 308-312, 366-370, and 417-421 ft. Pump set at 420 ft. Reported yield 15 gal/min. <u>1</u> <u>2</u>
802	Tarrant Utility Co.	Henry C. Millican	1967	490	10 7	385 483	Kctm	765	315	Aug. 15, 1967	S, E	P	Cemented to 385 ft. Screened from 385-440 and 452-482 ft. Gravel packed. Underreamed. <u>1</u>

See footnotes at end of table.

PARKER COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft.)			Below land-surface datum (ft)	Date of measurement			
UP-32-04-803	Pierce Water Co.	Dan McKee	1953	295	4	--	Kegr	742	60	Mar. 1953	N	N	Destroyed.
* 09-201	H. B. Jennings	--	--	35	48	35	Kctm	1,000	27.2	Nov. 22, 1949	N	N	--
* 202	E. A. Ponds	--	--	90	6	--	Kctm	1,040	75	1949	C, W	N	--
* 401	Gerner Consolidated School	--	1943	30	36	20	Kctm	955	10.1 9.3 12.6	Nov. 22, 1948 Feb. 10, 1971 Oct. 31, 1971	N	N	Dug well. Destroyed.
402	W. L. Jenkins	Price and Smith Drilling Co.	1968	125	5	125	Kctm	965	6	July 12, 1968	J, E	N	Slotted from 6-125 ft. Gravel packed. Pumping level 125 ft at 15 gal/min when drilled. <u>1</u>
403	do	do	1968	106	5	106	Kctm	965	--	--	J, E	D	Slotted from 6-106 ft. Pumping level 101 ft at 15 gal/min when drilled. Gravel packed. <u>1</u>
* 801	S. M. McCarthy	Tom McCarthy	1886	45	--	--	Kcpa	1,060	37.9	Feb. 11, 1971	C, E 1/2	N	Dug well. <u>3</u>
* 901	do	do	1943	110	4	--	Kcpa	1,045	34.1 34.5	Nov. 9, 1949 Feb. 11, 1971	W	N	<u>3</u>
* 10-101	Peaster Public School	Measures Brothers Drilling Co.	1941	220	8	--	Kcpa	1,200	30	Jan. 11, 1961	S, E 1	P	Pump set at 120 ft. Temp. 68°F. <u>1</u>
* 201	E. C. Lewis	H and L Drilling Co.	1969	165	6	165	Kcpa	1,110	28.1	June 29, 1971	S, E	D	<u>3</u>
* 202	Community Water Co.	do	1973	240	8 5	80 240	Kcpa	1,210	99.0	Feb. 25, 1975	S, E	P	Cemented to 80 ft. Mill slotted from 180-220 ft. Gravel packed. <u>1</u>
* 203	do	do	1971	350	7 4	-- 350	Kctm	1,110	60.9	do	S, E	P	--
* 301	L. B. Sherer	Measures Brothers Drilling Co.	1946	150	7	150	Kcpa	1,175	50	1946	C, W	S	Slotted from 120-150 ft. Cased off first water sand from 80-100 ft.
401	Crazy Horse Estate	Watts Drilling Co.	1974	470	4	470	Kctm	1,222	440	Mar. 2, 1974	S, E 3	P	Cemented to 420 ft. Slotted from 420-460 ft. Pump set at 458 ft. <u>1</u>
402	do	do	1976	470	5	470	Kctm	1,222	435	Feb. 23, 1976	S, E 3	P	Slotted.
501	Highland Service	H and L Drilling Co.	1966	160	5	160	Kcpa	1,180	64.7	Feb. 4, 1975	S, E 1	P	Gravel packed. <u>1</u>
601	Northside Consolidated School	Measures Brothers Drilling Co.	1948	225	8	--	Kcpa	1,160	130	1948	T, E 2	P	Pumping level 160 ft at 40 gal/min when drilled.
701	Proctors Plantland	Nolan J. Walker	1969	165	6	165	Kcpa	1,105	--	--	S, E 1 1/2	Irr	--
702	do	Robert E. Measures Pump Service	1972	180	5	180	Kcpa	1,105	72	Aug. 18, 1972	S, E	D, Irr	Cemented from 0-10 and 33-45 ft. Mill slotted from 80-180 ft. Gravel packed. Pumping level 120 ft at 20 gal/min when drilled. <u>1</u>
703	do	Nolan J. Walker	1972	155	5	155	Kcpa	1,102	45.3	Mar. 6, 1975	S, E 1	Irr	Cemented to 30 ft. Perforated from 90-155 ft. Gravel packed. <u>1</u>
704	do	do	1972	158	5	158	Kcpa	1,102	40.6	do	S, E 1	Irr	Perforated. Gravel packed.
* 705	do	do	1972	160	5	160	Kcpa	1,100	--	--	S, E 1	Irr	Do.

See footnotes at end of table.

PARKER COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
UP-32-10-706	Proctors Plantland	Nolan J. Walker	1972	160	5	160	Kepa	1,100	32.9	Mar. 6, 1975	S, E 1	Irr	Perforated. Gravel packed.
707	do	do	1972	163	5	163	Kepa	1,097	--	--	S, E 1	Irr	Cemented to 30 ft. Perforated from 90-155 ft. Gravel packed. <u>1</u>
708	do	do	1974	185	5	185	Kepa	1,096	52.5	Mar. 6, 1975	S, E	Irr	Cemented to 35 ft. Perforated from 90-185 ft. Gravel packed. Drawdown 9 ft at 25 gal/min when drilled. <u>1</u>
709	do	do	1974	185	5	185	Kepa	1,095	--	--	S, E	Irr	Cemented to 32 ft. Perforated from 90-185 ft. Gravel packed. Drawdown 5 ft at 27 gal/min when drilled. <u>1</u>
710	do	do	1974	184	5	194	Kepa	1,094	45.0	Mar. 6, 1975	S, E	Irr	Cemented to 32 ft. Perforated from 90-184 ft. Gravel packed. Drawdown 7 ft at 25 gal/min when drilled. <u>1</u>
711	do	do	1974	184	5	184	Kepa	1,093	--	--	S, E	Irr	Cemented to 35 ft. Perforated from 90-184 ft. Gravel packed. Drawdown 8 ft at 25 gal/min when drilled. <u>1</u>
* 801	City of Weatherford	Layne-Texas Co.	1944	401	16 10	121 401	Kctm	1,015	295	Apr. 1944	T, E 25	N	Cemented to 121 ft. Screened from 302-364 and 375-391 ft. Gravel packed. Pumping level 374 ft at 80 gal/min when drilled. Measured yield 62 gal/min in 1954. <u>1</u>
* 802	do	do	1941	461	16 10 8	350 460 460	Kctm	1,090	356 338	Sept. 21, 1941 1950	T, E 25	N	Cemented to 350 ft. Perforated from 350-360; 377-388; 390-400; and 413-445 ft. Gravel packed. Pumping level 440 ft at 75 gal/min when drilled. Measured yield 43 gal/min in 1954. <u>1</u>
* 803	do	J. L. Myers Sons	1950	417	12 8	24 417	Kctm	1,070	273 370	Mar. 16, 1950 May 20, 1950	T, E 25	N	Cemented to 331 ft. Mill slotted 331-391 ft and gun perforated from 279-402 ft. Measured yield 21 gal/min on June 23, 1950. <u>1</u>
804	do	Q. D. Lewis	1923	517	10 8	202 517	Kctm	1,070	410	1923	N	N	Cemented to 202 ft. Reported yield 60 gal/min. Plugged in 1948. <u>1</u>
* 805	do	Henry Measures	1927	383	10 8	190 383	Kctm	1,035	313 318.0	Feb. 15, 1943 Jan. 11, 1950	T, E 20	N	Slotted from 299-383 ft. Measured yield 64 gal/min in 1954. <u>1</u>
806	do	J. L. Myers Sons	1947	422	10 8	328 420	Kctm	1,000	306.4	Jan. 11, 1950	N	N	Screened from 329-358 and 376-405 ft. Measured yield 35 gal/min in 1954. <u>1</u>
807	do	do	1948	395	10 8	323 392	Kctm	1,060	330	June 1950	N	N	Slotted from 311-392 ft. Pumping level 381.5 ft at 56 gal/min on Jan. 10, 1950. Measured yield 26 gal/min in 1954. <u>2</u>
808	do	do	1948	392	8	392	Kctm	1,050	320	Aug. 15, 1951	T, E 25	N	Cemented to 333 ft. Slotted from 348-392 ft. Pump set at 385 ft. Measured yield 50 gal/min on Jan. 10, 1950, and 70 gal/min in 1954.
809	N. R. Crumm Trailer Park	Watts Drilling Co.	1968	480	4	480	Kctm	1,120	430	Mar. 1968	S, E 2	P	Cemented from 250-440 ft. Perforated from 440-480 ft. Pump set at 446 ft. Reported yield 15 gal/min. <u>1</u>
901	City of Weatherford	J. L. Myers Sons	1949	497	8	497	Kctm	1,030	300 349.4	May 15, 1949 Nov. 11, 1950	T, E 20	N	Measured yield 39 gal/min in 1954. <u>2</u>
902	do	do	1949	463	8	463	Kctm	1,015	280	Aug. 24, 1953	N	N	Perforated from 344-378 and 418-448 ft. Reported yield 85 gal/min when drilled and measured yield 41 gal/min in 1954. <u>1/2</u>

See footnotes at end of table.

## PARKER COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
UP-32-10-904	City of Weatherford	Layne-Texas Co.	1941	506	16 10 8	285 411 389	Kctm	998	295 266	June 23, 1941 May 14, 1951	T, L 25	N	Cemented to 285 ft. Screened from 299-310, 320-362, and 395-406 ft. Slotted from 339-389 ft. Light inch casing liner added in 1953. Pump set at 388 ft. Pumping level 366 ft at 152 gal/min when drilled. Measured yield 80 gal/min in 1954. <u>1</u>
905	Pythian Home	J. J. Earlan	1945	460	8 7	354 460	Kctm	1,040	357	Nov. 8, 1949	T, E 15	P	Slotted from 419-433 ft. Reported yield 100 gal/min in 1961. <u>1</u>
906	City of Weatherford	Measures Brothers Drilling Co.	1946	416	10 8	230 400	Kctm	990	132 79	June 1946 Apr. 23, 1951	T, E 25	N	Cemented to 230 ft. Screened from 322-384 ft. Reported yield 110 gal/min when drilled and measured 39 gal/min in 1954. <u>1</u>
907	do	J. L. Myers Sons	1947	439	16 10 8	22 331 439	Kctm	985	291.4 295 300	Nov. 11, 1950 Apr. 8, 1952 Nov. 5, 1953	T, E 20	N	Cemented to 331 ft. Slotted from 332-375 and 385-407 ft. Pump set at 400 ft. Measured yield 80 gal/min in 1954. <u>1</u>
908	do	do	1948	417	8	417	Kctm	1,005	330 315.3	July 1948 Jan. 11, 1950	T, E 25	N	Cemented to 350 ft. Slotted from 354-417 ft. Measured yield 65 gal/min in 1954. <u>1</u>
909	do	Measures Brothers Drilling Co.	1949	480	8 7	406 480	Kctm	1,035	361 355.3	Apr. 1949 Jan. 11, 1950	T, L 20	N	Cemented to 406 ft. Slotted from 410-480 ft. Pump set at 468 ft. Pumped 150 gal/min when drilled and measured yield of 34 gal/min in 1954. <u>1</u>
910	Sinclair Refining Co.	Layne-Texas Co.	1944	351	6 4	321 351	Kctm	960	255	1944	S, E	D	Screened from 325-350 ft. <u>1</u>
11-101	Echo Valley	H and L Drilling Co.	1970	177	8 5	120 177	Kcpa	1,010	83.9	Feb. 4, 1975	S, E 1	P	Cemented to 120 ft. Perforated from 130-170 ft. Pump set at 175 ft. Gravel packed. Temp. 66°F. <u>2</u>
102	J. L. Sharpe	Measures Brothers Drilling Co.	1941	238	5	238	Kctm	1,024	30 40	1941 Dec. 1977	S, E 1/2	D, S	Perforated from 218-238 ft.
301	Community Water Co.	C. M. Stoner Drilling Co.	1971	756	4 3	756 682	Kctm	1,075	560	Oct. 6, 1971	S, E 5	P	Cemented to bottom. Jet perforated from 611-625 ft and screened from 609-629 ft. Pump set at 588 ft. Reported yield 18 gal/min. <u>1</u> <u>2</u>
302	do	Fred Dalbeck	1973	270	4	270	Kcpa	1,075	196 190.4	June 18, 1973 Feb. 26, 1975	S, E 3	P	Cemented to 251 ft. Slotted from 251-270 ft. Gravel packed. Drawdown 12 ft at 10 gal/min when drilled. Measured pumping level 215.4 ft on Feb. 26, 1975.
501	W. W. Roberts	--	1925	70	5	70	Kcpa	910	35.2	Feb. 9, 1971	N	N	<u>3</u>
502	do	--	1925	100	4	57.5	Kcpa	920	32.6 35.1 36.8	do Nov. 30, 1971 Nov. 15, 1972	N	N	Destroyed.
701	Magic City Petroleum Co.	Hopkins Drilling Service	1970	120	5	45	Kcpa	940	40.1	Feb. 11, 1971	N	N	<u>3</u>
702	Murel Lake Estates	H and L Drilling Co.	1972	220	8 5	80 220	Kcpa	1,070	97.6	Nov. 16, 1976	S, E 3	P	Cemented to 80 ft. Mill slotted from 160-220 ft. Gravel packed. Pump set at 215 ft. Reported yield 30 gal/min. Drawdown 45 ft pumping 50 gal/min when drilled. Temp. 68°F. <u>1</u> <u>3</u>
703	Church of God	Bob Measures Pump Service	1972	520	8 6	390 510	Kctm	975	--	--	S, L 10	P	Cemented to 390 ft. Screened from 390-460 ft. Gravel packed. Pump set at 460 ft. Reported yield 50 gal/min. <u>2</u>

See footnotes at end of table.

## PARKER COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*UP-32-11-801	Lakeshore Service Co.	Henry C. Millican	1966	231	10 7	115 231	Kcpa	1,000	90 81.0	May 3, 1966 Jan. 30, 1975	S, E 5	P	Cemented to 115 ft. Screened from 115-130 and 175-225 ft. Underreamed. Gravel packed. Pump set at 200 ft. Pumping level 172 ft at 70 gal/min when drilled. Measured yield 38 gal/min on Jan. 30, 1975. Test hole originally drilled to 621 ft. Temp. 67°F. <u>Y</u> <u>Y</u>
802	Hudson Heights	H and L Drilling Co.	--	260	--	--	Kcpa	1,030	98.7	Feb. 4, 1975	S, E	P	--
" 803	Green Oaks	do	1967	240	5	240	Kcpa	990	112.5	do	S, E 1 1/2	P	Perforated. Gravel packed.
* 804	Highland Park	Bob Majors	1964	180	8 5	60 180	Kcpa	940	47.5	do	S, E 3	P	Cemented to 60 ft. Perforated from 150-170 ft. Gravel packed. Pump set at 176 ft. Reported yield 50 gal/min. Temp. 68°F.
" 805	City of Weatherford	H and L Drilling Co.	1969	250	5	250	Kcpa	890	--	--	S, E 1	P	Cemented to 50 ft. Gravel packed. Temp. 69°F. <u>Y</u>
806	Tarrant Utility Co.	Henry C. Millican	1967	146	13 6	13 146	Kcpa	910	12	July 5, 1967	T, E 15	P	Cemented to 13 ft. Screened from 12-33, 40-51, 53-87, 93-98; and 124-141 ft. Underreamed. Gravel packed. Pumping level 120 ft at 75 gal/min when drilled. <u>Y</u>
807	do	do	1971	156	13 6	60 156	Kcpa	910	32	July 17, 1971	T, E 15	P	Cemented to 60 ft. Screened from 60-87, 99-122, and 139-151 ft. Gravel packed. Pumping level 130 ft at 55 gal/min when drilled. <u>Y</u>
808	Dairy Queen	Watts Drilling Co.	1975	270	4	270	Kcpa	1,030	170	June 1975	S, E 1	Ind	Cemented to 215 ft. Pump set at 210 ft. <u>Y</u>
809	Tarrant Utility Co.	Millican Well Service	1976	183	8	177	Kcpa	975	22	Aug. 20, 1976	S, E	P	Perforated from 22-160 ft. Gravel packed. Pump set at 150 ft. Drawdown 120 ft pumping 60 gal/min on Aug. 20, 1976. <u>Y</u>
810	do	do	1976	179	10 8	20 179	Kcpa	970	27	Aug. 23, 1976	S, E	P	Cemented to 20 ft. Perforated from 20-179 ft. Gravel packed. Pump set at 150 ft. Drawdown 103 ft pumping 65 gal/min on Aug. 23, 1976. <u>Y</u>
901	General Dynamics Recreation Association	Texas Water Wells, Inc.	1970	490	10	485	Kctm	930	--	--	S, E	P, Irr	Cemented to 200 ft. Screened from 380-410; 440-460, and 470-480 ft. Underreamed. Gravel packed. <u>Y</u>
* 12-201	Thurman Water Co.	Caraway Drilling Co.	1974	696	6	696	Kctm	900	--	--	S, E 5	P	Cemented to 300 ft. Screened from 660-690 ft. Pump set at 651 ft. Reported yield 25 gal/min.
202	Community Water Co.	C. M. Stoner Drilling Co.	1971	600	7 4	510 600	Kctm	880	500	Oct. 6, 1971	S, E 3	P	Cemented 510 ft. Screened from 516-528, 532-544; and 582-592 ft. Pump set at 581 ft. Reported yield 15 gal/min. <u>Y</u> <u>Y</u>
+ 203	do	Fred Dilbeck	1972	210	4	210	Kcpa	880	105.1	Feb. 26, 1975	S, E 1 1/2	P	Gravel packed.
701	M. L. Farmer	W. W. Johnson	1925	310	6	300	Kcpa	985	240	1925	C, E 3/4	D, S	--
* 801	Tarrant Utility Co.	Henry C. Millican	1961	308	13 10 7	8 164 308	Kcpa	900	159	Mar. 28, 1961	S, E	P	Cemented to 164 ft. Screened from 164-204; 220-235; 272-277, and 297-301 ft. Gravel packed. Pumping level 205 ft at 110 gal/min when drilled. <u>Y</u>
" 802	J. J. Dearing	Hall and Hutchins	1947	704	7	--	Kctm	1,000	--	--	C, E 3	D, S	--

See footnotes at end of table.

PARKER COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
7UP-32-17-501	Gulf Oil Corporation	Measures Brothers Drilling Co.	1945	100	6	--	Kcpa	845	--	--	C, E 3	P, Ind	--
* 502	S. R. Brashears	S. R. Brashears	1900	21	36	16	Kctm	840	13.9 14.9	Feb. 21, 1950 Feb. 8, 1971	J, E	D, S	Dug well. <u>y</u>
503	James Maddux	Johnson Drilling Co.	1971	45	6	45	Kctm	860	9.1	Feb. 13, 1975	N	Irr	Perforated from 25-45 ft. Gravel packed. Draw-down 2 ft at 45 gal/min when drilled. <u>y</u>
504	do	do	1971	79	8	79	Kctm	868	10 13.3	July 13, 1971 Feb. 13, 1975	S, E 2	Irr	Perforated from 39-79 ft. Pumping level 20 ft at 150 gal/min when drilled. <u>y</u>
505	E. J. Robinson	do	1971	42	10 6	-- 42	Kctm	878	18 5.0	June 18, 1971 Feb. 13, 1975	S, E 1 1/2	Irr	Perforated from 1-42 ft. Gravel packed. Pump set at 35 ft. Pumping level 21 ft at 45 gal/min when drilled. <u>y</u>
* 506	do	F and F Drilling Co.	1972	46	5	--	Kctm	878	6.5	Feb. 13, 1975	S, E 3/4	Irr	Pump set at 38 ft.
* 507	E. E. Young	--	1971	65	6	--	Kctm	878	17.0	do	S, E 3	Irr	Measured yield 73 gal/min.
508	do	Johnson Drilling Co.	1971	65	6	65	Kctm	886	18 24.8	June 20, 1971 Feb. 13, 1975	S, E 3	Irr	Perforated from 0-65 ft. Gravel packed. Pumping level 24 ft at 45 gal/min when drilled. <u>y</u>
509	do	--	--	60	6	--	Kctm	880	16.8	Feb. 13, 1975	N	Irr	--
510	do	--	--	60	6	--	Kctm	882	19.8	do	N	Irr	--
511	do	--	--	65	10	--	Kctm	880	16.8	do	N	Irr	--
** 512	M. W. Bell	--	1972	82	6	--	Kctm	882	33.3	Feb. 13, 1975	S, E 5	Irr	Perforated from 32-82 ft. Gravel packed. Pump set at 80 ft. Measured yield 105 gal/min on July 21, 1976.
* 513	do	--	1971	80	8	--	Kctm	881	27.8	do	S, E 7 1/2	Irr	Perforated from 30-80 ft. Gravel packed. Pump set at 79 ft. Measured yield 196 gal/min on July 21, 1976.
514	do	--	1971	60	6	--	Kctm	860	--	--	S, E 5	Irr	Perforated from 10-60 ft. Gravel packed. Pump set at 58 ft. Measured yield 102 gal/min on July 21, 1976.
515	do	--	1971	70	8	--	Kctm	868	--	--	S, E 7 1/2	Irr	Perforated from 20-70 ft. Gravel packed. Estimated yield 150 gal/min.
* 516	do	--	1972	79	6	--	Kctm	877	23.6 22.2	Feb. 13, 1975 Feb. 22, 1977	S, E 5	Irr	Perforated from 29-79 ft. Gravel packed. Measured yield 105 gal/min on July 21, 1976.
517	R. H. Mitchum	Nolan J. Walker	1973	80	4	80	Kctm	855	--	--	J, E	D, Irr	Cemented to 30 ft. Slotted from 40-80 ft. Gravel packed. Drawdown 12 ft at 40 gal/min when drilled. <u>y</u>
702	P. M. Cardwell	Johnson Drilling Co.	1971	22	6	22	Kctm	860	6 3.4	June 30, 1971 Mar. 4, 1975	N	Irr	Perforated from 1-22 ft. Gravel packed. Pumping level 16 ft at 15 gal/min when drilled. <u>y</u>
703	do	do	1971	21	6	21	Kctm	860	5 1.8	July 1, 1971 Mar. 4, 1975	N	Irr	Perforated from 1-21 ft. Gravel packed. Pumping level 15 ft at 7 gal/min when drilled. <u>y</u>
704	do	do	1971	22	6	22	Kctm	860	8	July 1, 1971	N	Irr	Perforated from 1-22 ft. Gravel packed. Pumping level 21 ft at 4 gal/min when drilled. <u>y</u>
705	do	F and F Drilling Co.	1972	22	5	22	Kctm	860	.9	Mar. 4, 1975	J, E 1	D, S, Irr	Gravel packed. Pump set at 19 ft.

See footnotes at end of table.



## PARKER COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
UP-32-17-706	P. M. Cardwell	F and F Drilling Co.	1972	22	5	22	Kctm	860	0.4	Mar. 4, 1975	N	Irr	Gravel packed.
801	L. Robinson	do	1972	48	5	48	Kctm	878	4.7	Feb. 13, 1975	N	Irr	--
802	Coy Stinnett	do	1972	60	5	60	Kctm	847	3.3	Feb. 22, 1977	S, E 1	Irr	Reported yield 30 gal/min.
803	do	do	1972	60	5	60	Kctm	848	8.0	do	S, E 1	Irr	Do.
804	do	do	1972	50	6	50	Kctm	840	.3	do	S, E 5	Irr	Reported yield 50 gal/min.
805	do	do	1972	50	5	50	Kctm	844	4.9	do	S, E 1	Irr	Reported yield 30 gal/min.
806	W. E. Robinson	Johnson Drilling Co.	--	19	--	19	Kctm	860	--	--	C, E	Irr	--
807	do	do	--	19	--	19	Kctm	860	--	--	C, E	Irr	--
808	do	F and F Drilling Co.	--	19	--	19	Kctm	860	--	--	C, E	Irr	--
809	do	do	--	19	--	19	Kctm	860	--	--	C, E	Irr	--
810	do	do	--	50	6	50	Kctm	855	--	--	S, E 5	Irr	Reported yield 90 gal/min.
* 18-201	N. F. Loomis	Measures Brothers Drilling Co.	1948	96	4	--	Kcpa	1,110	46.8 42.9 37.6	Nov. 22, 1949 Feb. 8, 1971 Nov. 17, 1977	J, E 1 1/2	D	Pump set at 81 ft. <u>3</u>
* 202	H. E. Mullins	Green Drilling Co.	1972	406	6 4	350 446	Kctm	1,050	335	June 21, 1972	S, E 3	P, Ind	Cemented to 350 ft. Slotted from 335-406 ft. Pump set at 390 ft. <u>1</u>
301	City of Weatherford	J. L. Myers Sons	1953	478	10 8	305 478	Kctm	970	--	--	T, E 20	N	Cemented to 305 ft. Screened from 305-370 and 405-430 ft. Measured yield 50 gal/min in 1954. <u>1/2</u>
* 601	James Glenn	--	1951	125	--	--	Kcpa	995	51.6	June 30, 1971	C, E	D	<u>3</u>
* 701	Lee Thompson	Measures Brothers Drilling Co.	1948	204	--	--	Kctm	850	96.9	Feb. 11, 1971	C, E 3/4	D, S	<u>3</u>
19-201	Hillcrest Addition	H and L Drilling Co.	1965	180	5	180	Kcpa	960	86.4	Feb. 4, 1975	S, E 1	P	Cemented to 105 ft. Perforated from 120-160 ft. Gravel packed. Pump set at 176 ft. Reported yield 30 gal/min. <u>1</u>
* 202	S. N. Duncan	--	--	120	4	--	Kcpa	930	--	--	N	N	--
* 601	A. C. Lasater	Richey Drilling Co.	1946	214	12	200	Kcpa	820	+ 3.2	Dec. 21, 1960	N	S	Plugged back from 3,106 ft. Oil test. Flowed 1/2 gal/min in 1950. <u>1</u>
* 602	do	do	1946	548	7	548	Kctm	850	237	1946	J, E 5	D, P	Converted oil test. Slotted from 430-548 ft.
604	Elmer Pugh	Measures Brothers Drilling Co.	1965	228	10	--	Kcpa	870	33.0	June 29, 1971	S, E 5	S	<u>3</u>
701	S. Cunn	Stanley Paris	1939	148	3	148	Kcpa	1,035	87.6	Mar. 6, 1950	C, W	D, S	Water reported coming from sand between 91-148 ft. Measured drawdown 3.4 ft on Mar. 6, 1950.
* 20-101	George Beggs	Fort Worth Drilling Co.	1946	357	7	281	Kcpa	1,020	259.9 263.2	Dec. 6, 1949 Feb. 9, 1971	W	S	Pump set at 310 ft. <u>1/3</u>

See footnotes at end of table.

PARKER COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*UP-32-20-102	Diamond Shamrock Corp.	Watts Drilling Co.	1969	200	6	200	Kcpa	950	--	--	S, E 5	D, Ind	Cemented to 80 ft. Slotted, Gravel packed. Pump set at 168 ft. Reported yield 35 gal/min.
* 201	F. Howard Walsh	do	1963	790	8 6	720 720	Kctm	858	526	Apr. 1963	S, E 25	D, S Ind	Cemented to 770 ft. Eight inch casing gun perforated and 6-inch liner screened from 596-715 ft. Sand packed. Pump set at 672 ft. Reported yield 115 gal/min. <u>y</u>
202	Camp Fire Girls	do	1968	240	6	220	Kcpa	850	144	Sept. 1968	S, E 3	P	Cemented to 220 ft. Pump set at 189 ft. Reported yield 20 gal/min. <u>y</u>
403	Lassiter Addition	A. L. Rogers Water Well Drilling	--	300	8 6	-- --	Kcpa	900	148.7	Jan. 28, 1975	S, E 7 1/2	P	--
404	do	do	--	300	6	--	Kcpa	900	145.9	do	S, E 3	P	--
* 405	Parker Service Co.	Henry C. Millican	1965	240	13 10 7	11 161 240	Kcpa	890	141 139.2	Feb. 12, 1965 Feb. 14, 1975	S, E 5	P	Cemented to 161 ft. Screened from 161-177 and 198-235 ft. Underreamed, Gravel packed. Pumping level 180 ft at 96 gal/min when drilled. Temp. 69°F. <u>y</u>
406	do	do	1971	332	13 10 6	16 255 332	Kcpa	995	240	Mar. 27, 1971	S, E 7 1/2	P	Cemented to 255 ft. Screened from 255-275 and 287-327 ft. Gravel packed. Pumping level 259 ft at 60 gal/min when drilled. <u>y</u>
* 407	Aledo Mobile Home Court	Watts Drilling Co.	1972	240	4	150	Kcpa	860	60	Dec. 1972	S, E 1 1/2	P	Cemented to 130 ft. Slotted from 130-150 ft. Pump set at 126 ft. <u>y</u>
* 408	N. Robbins	R. Johnson	1945	158	4	158	Kcpa	880	90	1945	G, E 1/2	D	Slotted from 124-158 ft. Pump set at 132 ft. Upper water sand from 80-90 ft cased off.
701	Paul Bryenton	Fort Worth Drilling Co.	1945	125	4	108	Kcpa	770	--	--	G, G 3/4	D, S	<u>y</u>
* 801	Chester Wiley	W. Johnson	1947	168	6	168	Kcpa	780	35	1947	J, E 1	D, S	Slotted from 126-168 ft.
* 25-101	Thurman Water Co.	H and L Drilling Co.	1971	90	8	90	Kctm	755	36.4	Feb. 12, 1975	S, E 2	P	Slotted. Reported yield 41 gal/min.
* 201	O. Cooper	--	--	100	5	--	Kctm	800	35	Feb. 23, 1950	C, W	D, S	--
* 301	John C. Zell	F. Hubbard	--	70	--	--	Qa1	740	28.0 29.5	do Feb. 9, 1971	W	S	Dug well. <u>y</u>
302	-- Whitehead	--	--	--	12	--	Qa1	717	20.6	Feb. 11, 1975	T, E 10	Irr	--
303	do	F. Hubbard	--	--	8	--	Qa1	715	--	--	S, E	S	--
304	do	--	--	--	12	--	Qa1	715	20.7	Feb. 11, 1975	N	Irr	Gravel packed.
305	do	--	--	--	12	--	Qa1	715	17.9	do	N	Irr	--
306	do	--	--	22	8	22	Qa1	713	18.9	do	N	Irr	Gravel packed.
307	do	--	--	--	8	--	Qa1	715	19.7	do	T, E 10	Irr	--
401	J. B. Schultz	A. L. Larve	1932	60	48	60	Kctm	835	19.4 26.6	Dec. 15, 1949 Mar. 22, 1978	C, W	S	--
* 602	Lakeside Company	Henry C. Millican	1971	52	13 8	29 52	Qa1	720	30 25.6	Aug. 7, 1971 Feb. 4, 1973	S, E 3/4	P, Irr	Cemented to 29 ft. Screened from 30-42 ft. Gravel packed. Pump set at 45 ft. Pumping level 42 ft at 35 gal/min when drilled. Reported yield 30 gal/min. Temp. 68°F. <u>y</u>

See footnotes at end of table.

## PARKER COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
UP-32-25-604	R. D. Martin	--	--	25	30	25	Kctm	740	18.1	Feb. 23, 1950	N	N	--
* 26-101	Horseshoe Bend	H and L Drilling Co.	1972	200	12 6	120 200	Kctm	860	9.4 --	Mar. 22, 1978 --	S, E	P	Cemented to 120 ft. Mill slotted. Gravel packed. Pumping level 145.4 ft on Feb 4, 1975. Temp. 68°F.
102	-- Whitehead	--	--	--	8	--	Qal	726	24.6	Feb. 11, 1975	S, E	S, Irr	--
103	do	--	--	--	8	--	Qal	716	21.2	do	N	Irr	--
104	do	--	--	--	8	--	Qal	718	--	--	N	Irr	--
105	do	--	--	--	8	--	Qal	718	20.5	Feb. 11, 1975	N	Irr	--
106	do	--	--	--	8	--	Qal	718	21.2	do	N	Irr	--
107	do	--	--	--	12	--	Qal	716	--	--	T, E 10	Irr	--
* 201	Tin Top Community	--	1949	123	4	--	Kcpa	800	85	1949	C, G 1	P	--
202	Western Lakes Estates	Watts Drilling Co.	1970	301	12 8	170 245	Kctm	843	150	Jan. 1970	S, E 15	P	Cemented to 170 ft. Slotted from 167-235 ft. Gravel packed. Pump set at 230 ft. Pumping level 197 ft at 125 gal/min when drilled. Measured yield 125 gal/min on Feb. 6, 1975. <u>1</u>
* 503	Rio Brazos	do	1969	200	8 6	20 100	Kctm	720	47	June 1969	S, E 2	P	Cemented to 60 ft. Completed from 60-90 ft. Gravel packed. Pump set at 84 ft. Pumping level 74 ft at 80 gal/min when drilled. Reported yield 70 gal/min. <u>1</u>
* 504	do	do	1974	132	8	132	Kctm	760	77 85.6	Sept. 4, 1974 Feb. 6, 1975	S, E 5	P	Cemented to 80 ft. Slotted from 80-100 and 110-130 ft. Pump set at 121 ft. Pumping level 107 ft at 40 gal/min when drilled. <u>1</u>
505	A. W. Warner	Julian Water Well Service	1974	122	8	120	Kctm	745	16.2	Feb. 23, 1978	S, E 2	S	Slotted from 6-120 ft. Gravel packed. Pumping level 100 ft at 70 gal/min when drilled. <u>1</u>
506	do	do	1975	120	5	115	Kctm	703	8 8.9	Feb. 28, 1975 Feb. 23, 1978	C, E 3	S	Perforated from 20-115 ft. Gravel packed. Draw-down 15 ft pumping 70 gal/min when drilled. <u>1</u>
* 601	E. C. Tallant	Measures Brothers Drilling Co.	1947	310	6	310	Kctm	885	82.2 95.1	Mar. 1, 1950 Feb. 11, 1971	W	N	<u>3</u>
* 27-401	Martin Brothers	--	--	50	--	--	Kcpa	925	39.5 39.4	Mar. 1, 1950 Feb. 11, 1971	C, E	S	<u>3</u>
* 28-206	I. L. Spears	--	--	200	4	--	Kcpa	822	--	--	C, E 1/2	D	--
* 401	J. Miles	--	--	200	4	--	Kcpa	895	--	--	C, W	S	--

\* For chemical analyses of water, see Table 4.

1 Drillers' log in files of the Texas Department of Water Resources.2 Mechanical logs in files of the Texas Department of Water Resources.3 For water-level measurements, see Table 3.

# PARKER COUNTY

**Table 3.—Water Levels in Selected Wells**

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well UP-31-08-601</b>		<b>Well UP-32-02-301</b>		<b>Well UP-32-10-201</b>	
Owner: Whitt Public School		Owner: C. W. Prescott		Owner: E. C. Lewis	
Dec. 20, 1949	38.8	Nov. 30, 1949	33.7	June 29, 1971	28.1
Feb. 10, 1971	40.6	Feb. 9, 1971	28.3	Oct. 29, 1971	19.9
Oct. 31, 1971	39.6	Oct. 29, 1971	32.5	Nov. 16, 1972	19.1
Nov. 16, 1972	40.0	Nov. 16, 1972	33.3	Nov. 9, 1973	19.6
Nov. 9, 1973	39.8	Nov. 12, 1973	34.0	Nov. 13, 1974	23.4
Nov. 13, 1974	39.2	Nov. 13, 1974	32.3	Nov. 14, 1975	31.9
Nov. 14, 1975	39.0	Nov. 14, 1975	28.5	Nov. 8, 1976	30.5
Nov. 8, 1976	39.1	Nov. 8, 1976	32.4	Nov. 17, 1977	36.1
Nov. 7, 1977	43.0	Nov. 7, 1977	33.0		
<b>Well UP-32-02-101</b>		<b>Well UP-32-09-801</b>		<b>Well UP-32-11-501</b>	
Owner: J. D. McCurry		Owner: S. M. McCarthy		Owner: W. W. Roberts	
Nov. 25, 1949	52.0	Feb. 11, 1971	37.9	Feb. 9, 1971	35.2
Feb. 9, 1971	41.9	Oct. 31, 1971	38.8	Oct. 30, 1971	37.0
Oct. 29, 1971	42.6	Nov. 16, 1972	39.3	Nov. 15, 1972	38.9
Nov. 16, 1972	42.7	Nov. 9, 1973	36.4	Nov. 9, 1973	37.4
Nov. 9, 1973	41.9	Nov. 13, 1974	38.5	Nov. 13, 1974	35.2
Nov. 13, 1974	40.6	Nov. 14, 1975	36.5	Nov. 14, 1975	34.6
Nov. 14, 1975	40.5	Nov. 9, 1976	37.6	Nov. 8, 1976	36.3
Nov. 8, 1976	41.1	Nov. 7, 1977	36.9	Nov. 17, 1977	37.1
Nov. 7, 1977	40.6				
<b>Well UP-32-02-102</b>		<b>Well UP-32-09-901</b>		<b>Well UP-32-11-701</b>	
Owner: Town of Poolville		Owner: S. M. McCarthy		Owner: Magic City Petroleum Co.	
June 30, 1971	24.8	Nov. 9, 1949	34.1	Feb. 11, 1971	40.1
Oct. 29, 1971	25.1	Feb. 11, 1971	34.5	Oct. 30, 1971	35.1
Nov. 16, 1972	27.0	Oct. 31, 1971	36.0	Nov. 15, 1972	36.8
Nov. 9, 1973	23.9	Nov. 16, 1972	36.8	Nov. 9, 1973	34.5
Nov. 13, 1974	24.1	Nov. 9, 1973	35.9	Nov. 13, 1974	30.0
Nov. 14, 1975	23.1	Nov. 13, 1974	33.0	Nov. 14, 1975	31.4
Nov. 8, 1976	24.6	Nov. 14, 1975	32.7	Sept. 22, 1977	37.2
Nov. 7, 1977	26.9	Nov. 9, 1976	33.4		
		Nov. 7, 1977	32.9		

# PARKER COUNTY

## Table 3.—Water Levels in Selected Wells—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well UP-32-11-702</b>		<b>Well UP-32-18-601—Continued</b>		<b>Well UP-32-25-301</b>	
Owner: Murel Lake Estates				Owner: John C. Zell	
Aug. 23, 1972	90	Nov. 13, 1974	31.8	Feb. 23, 1950	28.0
Feb. 4, 1975	95.0	Nov. 14, 1975	27.8	Feb. 9, 1971	29.5
Nov. 16, 1976	97.6	Nov. 8, 1976	32.2	Oct. 31, 1971	30.9
Nov. 17, 1977	104.4	Nov. 17, 1977	37.4	Nov. 15, 1972	31.6
<b>Well UP-32-17-502</b>		<b>Well UP-32-18-701</b>		Nov. 12, 1973	
Owner: S. R. Brashears		Owner: Lee Thompson		Nov. 13, 1974	
Feb. 21, 1950	13.9	Feb. 11, 1971	96.9	Nov. 14, 1975	28.1
Feb. 8, 1971	14.9	Oct. 31, 1971	111.2	Nov. 8, 1976	28.5
Oct. 31, 1971	15.6	Nov. 16, 1972	108.3	Nov. 17, 1977	28.1
Nov. 15, 1972	15.0	Nov. 12, 1973	113.8	<b>Well UP-32-26-601</b>	
Nov. 12, 1973	14.1	Nov. 13, 1974	108.1	Owner: E. C. Tallant	
Nov. 13, 1974	14.1	Nov. 14, 1975	108.5	Mar. 1, 1950	82.2
Nov. 8, 1976	14.1	Nov. 8, 1976	110.1	Feb. 11, 1971	95.1
<b>Well UP-32-18-201</b>		Nov. 17, 1977	109.1	Oct. 30, 1971	89.7
Owner: N. F. Loomis		<b>Well UP-32-19-604</b>		Nov. 16, 1972	96.4
Nov. 22, 1949	46.8	Owner: Elmer Pugh		Nov. 9, 1973	118.8
Feb. 8, 1971	42.9	June 29, 1971	33.0	Nov. 12, 1974	115.3
Oct. 31, 1971	44.4	Oct. 30, 1971	32.2	Nov. 14, 1975	93.4
Nov. 15, 1972	45.9	Nov. 16, 1972	33.1	Nov. 8, 1976	97.6
Nov. 9, 1973	40.1	Nov. 12, 1973	31.6	<b>Well UP-32-27-401</b>	
Nov. 13, 1974	38.1	Nov. 14, 1974	30.1	Owner: Martin Brothers	
Nov. 14, 1975	37.5	Nov. 3, 1975	27.4	Mar. 1, 1950	39.5
Nov. 9, 1976	35.6	Nov. 8, 1976	27.8	Feb. 11, 1971	39.4
Nov. 17, 1977	37.6	Nov. 17, 1977	28.4	Oct. 30, 1971	41.2
<b>Well UP-32-18-601</b>		<b>Well UP-32-20-101</b>		Nov. 16, 1972	40.6
Owner: James Glenn		Owner: George Beggs		Nov. 9, 1973	42.0
June 30, 1971	51.6	Dec. 6, 1949	259.9	Nov. 12, 1974	40.8
Oct. 30, 1971	47.0	Feb. 9, 1971	263.2	Nov. 14, 1975	40.1
Nov. 16, 1972	51.4	Oct. 30, 1971	263.2	Nov. 8, 1976	40.3
Nov. 9, 1973	38.7	Nov. 12, 1973	271.2	Nov. 17, 1977	40.4
		Dec. 3, 1975	252.9		

PARKER COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kcpa, Paluxy Formation, Kctm, Twin Mountains Formation; Paleo, Paleozoic Era, Qal, Alluvium.

Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids. Analyses by Texas Department of Health.

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
UP-31-08-601	Kctm	60	Dec. 20, 1949	19	--	98	56	35	--	399	83	66	0.0	55.0	--	608	75	--	7.2	14	0.6	0.0
601	Kctm	60	Feb. 10, 1971	16	--	137	71	94	--	418	165	149	.3	110.0	--	947	630	1,450	7.5	24	1.6	.0
601	Kctm	60	Nov. 9, 1973	15	--	153	79	95	--	411	201	170	.4	170.0	--	1,085	710	1,610	7.4	23	1.5	.0
601	Kctm	60	July 16, 1976	16	--	152	71	82	--	421	187	141	.2	133.0	--	989	670	1,470	8.0	21	1.3	.0
602	Paleo	410	Jan. 29, 1975	9	0.3	14	4	720	3.0	476	452	530	2.1	5.8	--	1,974	52	3,001	8.0	96	43.7	6.7
32-01-401	Kctm	130	Dec. 20, 1949	14	--	266	61	170	--	429	519	275	--	5.5	--	1,521	914	2,270	8.0	29	2.4	.0
801	Kctm	65	Jan. 24, 1950	48	.8	56	46	93	--	516	69	21	--	7.5	--	595	328	937	7.5	38	2.2	1.8
02-101	Kcpa	80	Nov. 25, 1949	20	--	225	205	167	--	533	167	815	--	9.0	--	1,870	1,400	3,110	7.8	20	1.9	.0
102	Kcpa	30	June 30, 1971	19	--	134	80	121	--	465	163	208	.5	85.0	--	1,039	660	1,600	7.2	28	2.0	.0
104	Kcpa	160	Jan. 29, 1975	20	--	125	56	79	3.0	462	96	165	.5	3.2	--	774	540	1,250	7.7	24	1.4	.0
301	Kcpa	109	Mar. 10, 1950	22	.2	84	31	52	--	400	42	52	--	6.8	--	486	337	819	7.5	25	1.2	.0
301	Kcpa	109	Feb. 9, 1971	24	--	71	17	94	--	440	44	32	.8	< .4	--	499	245	780	7.5	45	2.6	2.2
301	Kcpa	109	July 16, 1976	17	--	61	17	65	--	375	26	22	.3	< .4	--	393	222	638	7.6	39	1.8	1.7
303	Kcpa	126	Feb. 12, 1975	12	--	99	2	5	1.0	293	12	10	.1	8.0	--	293	257	475	7.3	4	.1	.0
03-201	Kctm	386	Feb. 8, 1977	11	1.3	6	2	442	--	510	129	306	.6	< .4	--	1,149	24	1,920	8.7	98	39.9	7.8
204	Kctm	398	July 10, 1967	--	--	3	1	330	--	489	120	124	1.3	< .4	--	833	12	1,584	8.5	98	42.1	7.7
204	Kctm	398	July 15, 1974	--	3.0	1	1	334	--	510	123	121	1.3	3.3	--	838	9	1,540	8.4	99	56.5	8.2
205	Kctm	388	July 10, 1967	--	--	3	2	362	--	494	137	162	1.0	< .4	--	933	14	1,705	8.6	98	39.7	7.7
205	Kctm	388	Jan. 29, 1975	9	.0	4	1	355	1.0	510	116	160	1.3	2.8	1.0	901	14	1,500	8.6	98	41.1	8.0
207	Kctm	375	Jan. 17, 1950	12	--	3	1	360	--	540	134	152	2.2	--	--	929	16	1,560	8.3	98	45.9	8.6
208	Kcpa	122	Dec. 23, 1949	12	--	2	1	140	--	327	19	18	2.2	--	--	354	10	581	8.6	97	20.1	5.1
501	Kcpa	200	Aug. 10, 1976	10	.1	3	1	169	--	421	13	5	.3	< .4	--	408	9	671	8.7	97	21.5	6.6
603	Kctm	650	Feb. 12, 1975	16	--	37	14	108	--	382	37	25	.3	2.7	--	427	150	670	7.8	61	3.8	3.2
604	Kctm	600	do	10	--	3	1	273	--	510	105	71	1.3	1.7	--	716	13	1,110	8.3	98	34.8	8.1
605	Kctm	460	Aug. 9, 1976	13	3.1	23	12	108	--	357	20	17	.3	< .4	--	372	105	597	8.3	69	4.5	3.7
605	Kctm	460	do	13	17.2	44	11	103	--	414	21	16	.3	1.1	--	430	154	666	8.2	59	3.5	3.6
605	Kctm	460	do	15	5.7	28	12	103	--	368	20	16	.3	.7	--	381	120	609	8.3	65	4.1	3.6

## PARKER COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
UP-32-03-605	Kctm	460	Aug. 9, 1976	16	4.7	34	11	105	--	382	20	16	0.3	< 0.4	--	395	129	631	8.1	64	4.0	3.6
605	Kctm	460	do	14	4.5	38	11	109	--	401	23	20	.3	< .4	--	417	140	664	8.1	63	4.0	3.7
605	Kctm	460	do	15	3.7	40	11	109	--	403	24	23	.3	< .4	--	424	146	683	8.0	62	3.9	3.7
608	Kctm	462	do	11	.1	3	1	299	--	479	97	93	.9	.4	--	740	9	1,190	8.7	98	38.1	7.6
614	Kctm	533	Aug. 10, 1976	11	.1	4	1	305	--	510	145	77	1.1	< .4	--	795	13	1,220	--	98	35.3	8.0
617	Kctm	536	Feb. 2, 1969	--	.1	4	1	278	--	459	91	85	1.4	< .4	--	708	12	1,320	8.8	98	32.2	7.2
617	Kctm	536	Feb. 13, 1969	--	--	32	11	330	--	402	94	97	.1	.0	--	811	129	80	8.7	85	12.8	4.0
04-101	Kcpa	60	Jan. 16, 1950	32	--	84	19	67	--	213	23	166	--	1.8	--	497	288	939	6.8	34	1.7	.0
101	Kcpa	60	July 16, 1976	17	--	83	48	172	--	540	53	197	.6	< .4	--	836	402	1,400	7.5	48	3.7	.7
09-201	Kctm	35	Nov. 22, 1949	18	--	108	43	34	--	354	103	77	--	20.0	--	577	446	980	7.4	14	.7	.0
202	Kctm	90	do	19	--	152	60	59	--	424	293	72	--	.0	--	863	626	1,270	7.6	17	1.0	.0
401	Kctm	30	do	27	--	84	20	58	--	277	103	57	--	4.3	--	489	292	795	7.2	30	1.4	.0
401	Kctm	30	June 30, 1971	23	--	178	38	127	--	384	234	229	.9	< .4	--	1,019	600	1,540	7.3	32	2.2	.0
801	Kcpa	45	Feb. 11, 1971	15	--	127	54	81	--	620	19	121	.4	1.5	--	723	540	1,200	7.3	25	1.5	.0
901	Kcpa	110	Nov. 22, 1949	20	--	224	131	194	--	500	88	720	--	3.0	--	1,625	110	2,920	7.8	28	2.5	.0
10-101	Kcpa	220	Nov. 23, 1949	20	--	92	15	16	--	335	22	0	.0	.0	--	329	291	573	7.2	11	.4	.0
101	Kcpa	220	Feb. 6, 1975	21	--	103	13	15	--	333	14	38	.5	< .4	--	368	311	613	7.8	10	.3	.0
201	Kcpa	165	June 29, 1971	28	--	90	20	25	--	376	33	11	.4	4.0	--	396	306	606	7.4	15	.6	.0
201	Kcpa	165	Aug. 3, 1976	29	--	98	16	33	--	400	26	12	.4	2.1	--	413	311	639	8.4	19	.8	.3
202	Kcpa	240	Sept. 11, 1974	--	.0	151	8	20	--	361	26	76	.3	14.0	--	472	409	948	7.2	10	.4	.0
203	Kctm	350	do	--	.0	69	19	30	--	336	16	12	.3	2.5	--	314	250	608	7.8	21	.8	.5
301	Kcpa	150	Jan. 23, 1950	12	--	92	2	4	--	281	11	4	--	1.8	--	264	239	461	8.3	4	.1	.0
705	Kcpa	160	Mar. 6, 1975	22	--	105	17	29	2.0	381	30	36	.3	1.1	0.1	429	334	714	7.7	16	.6	.0
801	Kctm	401	Sept. 9, 1956	--	.5	36	10	24	--	--	38	20	.2	< .4	--	198	130	--	7.4	28	.9	--
802	Kctm	461	do	--	--	56	42	112	--	--	120	60	.2	< .4	--	582	315	--	7.2	44	2.7	--
803	Kctm	417	June 23, 1950	19	2.3	76	39	91	--	398	150	44	.6	3.5	.3	621	350	993	7.2	36	2.1	.0
805	Kctm	383	Nov. 1, 1945	15	.1	68	40	83	20.0	420	110	57	.6	.0	--	600	334	--	7.2	33	1.9	.2
904	Kctm	506	do	15	.7	63	35	91	18.0	403	105	57	.0	1.0	--	583	301	--	7.2	38	2.2	.5
904	Kctm	506	Apr. 21, 1950	19	.9	57	35	109	--	399	109	55	.2	4.2	--	585	286	973	7.4	45	2.8	.8
905	Kctm	460	June 14, 1961	15	--	35	20	172	--	412	110	64	.2	.0	--	618	170	1,010	7.1	69	5.7	3.3
905	Kctm	460	Aug. 3, 1976	13	--	81	15	81	--	357	94	39	.2	< .4	--	499	263	800	7.9	40	2.1	.5
910	Kctm	351	Mar. 6, 1975	14	--	48	23	165	--	411	124	67	.4	7.0	--	650	213	1,030	7.7	63	4.9	2.4
11-101	Kcpa	177	Feb. 4, 1975	19	--	81	15	24	1.0	332	30	12	.4	< .4	--	346	263	543	7.8	16	.6	.1

PARKER COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
UF-32-11-102	Kctm	238	Jan. 23, 1950	11	0.4	1	1	169	--	420	22	7	--	1.2	--	419	11	683	8.4	98	28.6	6.7
102	Kctm	238	Mar. 23, 1978	18	--	82	7	134	--	314	90	78	0.3	80.0	--	643	232	996	7.5	56	3.8	.4
701	Kcpa	120	Feb. 11, 1971	20	--	85	45	46	--	459	69	29	.1	< .4	--	520	398	825	7.4	20	1.0	.0
702	Kcpa	220	Feb. 4, 1975	15	--	108	5	7	--	337	18	8	.2	< .4	--	327	293	530	8.1	5	.1	.0
801	Kcpa	231	Jan. 30, 1975	14	--	117	4	6	1.0	312	44	10	.2	< .4	--	350	308	562	7.6	4	.1	.0
803	Kcpa	240	May 18, 1976	--	--	127	3	6	--	350	28	9	.1	7.0	--	352	327	665	7.3	4	.1	.0
804	Kcpa	180	Feb. 4, 1975	15	.0	115	4	7	1.0	328	36	8	.2	< .4	0.1	347	303	555	7.7	5	.1	.0
805	Kcpa	250	Jan. 28, 1975	15	--	25	8	90	--	314	23	9	.2	3.7	--	328	96	525	7.9	67	4.0	3.2
12-201	Kctm	696	Apr. 1, 1977	--	--	4	2	374	--	700	129	59	3.9	.6	--	930	17	1,639	8.5	98	38.1	11.1
203	Kcpa	210	Aug. 3, 1976	17	--	105	3	6	--	312	21	5	.1	< .4	--	310	276	503	8.0	4	.1	.0
801	Kcpa	308	Jan. 1, 1972	--	.2	92	19	17	--	--	67	13	.3	< .4	--	520	310	--	7.3	11	.4	--
802	Kctm	704	Mar. 7, 1950	12	11.0	4	9	302	--	653	122	28	--	.8	--	809	46	1,300	8.0	93	19.1	9.7
17-501	Kcpa	100	Feb. 23, 1950	13	--	67	15	79	--	192	33	141	.0	12.0	--	454	228	837	7.3	43	2.2	.0
502	Kctm	21	Feb. 21, 1950	37	--	86	21	17	--	348	24	15	--	7.5	--	378	301	643	7.3	11	.4	.0
502	Kctm	21	Feb. 8, 1971	32	--	95	17	20	--	372	21	12	.7	2.0	--	382	308	583	7.4	12	.4	.0
506	Kctm	46	July 20, 1976	19	--	56	11	23	3.0	35	20	73	.1	118.0	--	340	186	525	7.1	21	.7	.0
507	Kctm	65	do	20	--	39	4	5	3.0	85	20	22	.1	7.0	.1	161	113	255	7.1	8	.2	.0
512	Kctm	82	July 21, 1976	18	--	25	2	13	--	66	15	13	.1	15.0	--	133	69	201	7.4	28	.6	.0
513	Kctm	80	do	17	--	36	4	17	3.0	74	29	26	.1	26.0	--	194	106	305	7.0	25	.7	.0
516	Kctm	79	do	17	--	47	8	35	--	66	39	85	.1	21.0	.1	284	151	496	7.0	34	1.2	.0
18-201	Kcpa	96	Feb. 8, 1971	20	--	101	20	13	--	397	13	12	.1	< .4	--	374	336	602	7.6	8	.3	.0
201	Kcpa	96	Aug. 3, 1976	21	--	154	26	26	--	454	51	85	.1	< .4	--	586	--	969	7.9	10	.5	.0
202	Kctm	406	Mar. 6, 1975	15	--	83	35	67	4.0	422	87	40	.3	1.4	--	540	351	870	7.7	29	1.5	.0
601	Kcpa	125	June 30, 1971	21	--	105	17	16	--	336	34	34	.2	1.0	--	393	332	628	7.2	9	.3	.0
701	Kctm	204	Feb. 11, 1971	17	--	76	24	19	--	349	25	10	.4	< .4	--	343	289	560	7.6	12	.4	.0
701	Kctm	204	Aug. 3, 1976	17	--	79	22	19	--	355	25	10	.3	< .4	--	347	287	567	8.2	12	.4	.0
19-202	Kcpa	120	Mar. 7, 1950	14	.7	188	5	15	--	275	61	85	--	135.0	--	638	490	1,060	7.7	6	.2	.0
601	Kcpa	214	Mar. 10, 1950	13	--	10	7	126	--	321	51	6	--	4.2	--	375	55	597	7.8	84	7.4	4.1
602	Kctm	548	do	9	--	3	1	317	--	571	100	111	--	1.8	--	823	12	1,380	8.7	98	40.4	9.1
20-101	Kcpa	357	June 29, 1971	20	--	83	15	14	--	312	36	5	.2	< .4	--	327	270	510	7.4	10	.3	.0
102	Kcpa	200	Feb. 7, 1975	14	--	107	7	9	--	312	46	7	.3	< .4	--	344	295	548	7.6	6	.2	.0
201	Kctm	790	Mar. 5, 1975	11	--	4	1	286	--	590	81	29	1.0	1.9	--	705	13	1,120	8.5	98	33.1	9.3
400	Kcpa	240	Jan. 29, 1975	16	.3	93	6	12	1.0	276	34	13	.3	< .4	.2	311	257	494	8.3	9	.3	.0

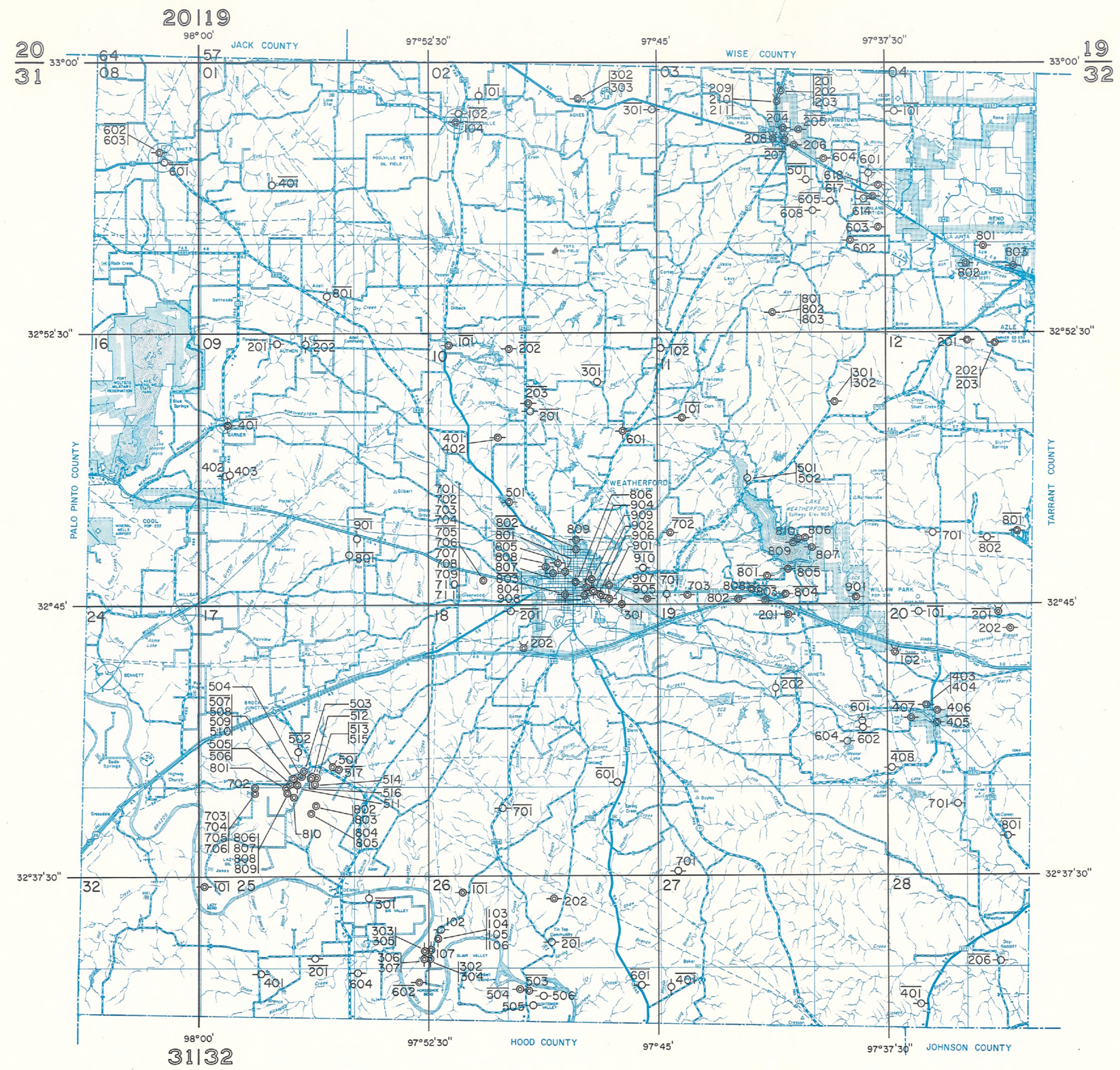


PARKER COUNTY

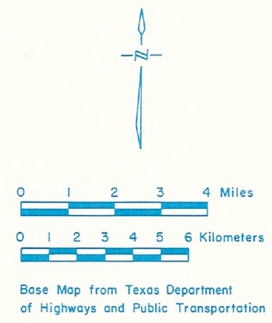
Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
UP-32-20-407	Kcpa	240	Nov. 30, 1976	--	--	113	4	9	--	301	40	16	0.3	7.0	--	337	297	635	7.6	6	0.2	0.0
408	Kcpa	158	Mar. 7, 1950	10	10.0	101	7	9	--	333	14	10	--	.0	--	324	282	545	7.1	6	.2	.0
801	Kcpa	168	Mar. 6, 1950	16	--	56	21	41	--	297	46	14	--	5.8	--	345	226	596	7.3	28	1.1	.3
801	Kcpa	168	Mar. 22, 1978	16	--	53	20	41	--	297	45	12	.2	5.3	--	338	216	564	7.7	29	1.2	.5
25-101	Kctm	90	Feb. 12, 1975	24	.1	96	14	34	2.0	210	74	75	.3	34.0	0.3	456	299	700	7.2	20	.8	.0
201	Kctm	100	Feb. 23, 1950	28	.8	47	11	61	--	279	29	18	--	13.0	--	344	162	531	8.2	45	2.0	1.3
301	Qal	70	do	19	--	51	36	29	--	352	28	12	--	3.8	--	351	275	606	7.7	19	.7	.2
602	Qal	52	Feb. 4, 1975	17	--	176	45	112	3.0	437	212	205	.8	< .4	.4	986	630	1,510	7.8	28	1.9	.0
26-101	Kctm	200	do	16	.0	101	13	13	--	356	27	10	.5	< .4	--	355	309	580	7.8	8	.3	.0
201	Kcpa	123	Feb. 28, 1950	14	.4	21	10	120	--	375	30	8	3.2	.0	--	394	92	650	8.3	74	5.3	4.2
503	Kctm	200	Mar. 31, 1975	--	--	39	30	58	--	366	4	28	.3	< .4	--	340	202	600	7.2	36	1.6	1.5
504	Kctm	132	do	--	--	42	18	66	--	360	22	8	.1	< .4	--	333	178	510	7.2	44	2.1	2.3
601	Kctm	310	June 30, 1971	20	--	67	71	70	--	590	86	28	.4	< .4	--	632	459	980	7.8	25	1.4	.4
27-401	Kcpa	50	Aug. 3, 1976	17	--	96	5	22	--	282	16	40	.2	4.7	--	339	262	577	8.0	16	.5	.0
28-206	Kcpa	200	Mar. 6, 1950	19	2.0	58	20	41	--	300	46	15	--	1.2	--	349	226	580	8.3	28	1.1	.3
401	Kcpa	200	Mar. 22, 1978	18	--	60	15	32	--	295	27	8	.3	< .4	--	305	212	510	7.8	25	.9	.6





- EXPLANATION
- Public supply well
  - ⊕ Industrial well
  - Irrigation well
  - Domestic or livestock well
  - ⊕ Oil or gas well
  - ⊙ Test hole
  - ⊕ Unused or abandoned well
  - Solid circle indicates flowing well
  - 201 Line above well number indicates chemical analysis given in Table 4



Location of Selected Water, Oil, and Gas Wells in Parker County



RED RIVER COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column  
 Water level : Reported water levels given in feet; measured water levels given to the nearest tenth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; E, electric; G, gasoline, butane or diesel engine; H, hand; J, jet; N, none; S, submersible; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Kcpa, Paluxy Formation; Kga, Austin Group; Kgbl, Blossom Sand; Kgef, Eagle Ford Shale; Kgn, Navarro Group; Kgna, Nacatoch Sand; Kgw, Woodbine Group; Paleo, Paleozoic Era; Qal, Alluvium.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
WB-16-17-101	Vessey School	--	1950	28	36	28	Qal	400	18.2	Dec. 4, 1959	N	N	Destroyed.
* 701	Red River Water Supply Corporation	Layne-Texas Co.	1968	502	16 10	426 502	Kga	475	191	Sept. 27, 1968	S, E 25	P	Cemented to 426 ft. Screened from 434-484 ft. Underreamed. Gravel packed. Pump set at 440 ft. Reported yield 180 gal/min. Plugged back from 720 ft. <u>1/2</u>
18-701	Martin Shilo School	--	1955	275	4	150	Kga	382	22.2	Dec. 4, 1959	N	N	Open hole completion. Reported yield 10 gal/min.
* 703	English Water Supply Corporation	Lansford Drilling Co., Inc.	1963	60	4	60	Qal	384	18.9	Mar. 16, 1978	S, E 1/2	P	Slotted. Gravel packed. <u>1/2</u>
704	do	do	1963	60	4	60	Qal	385	--	--	S, E 1/2	P	Do.
25-501	City of Annona	--	1936	873	--	--	Kga	375	--	--	N	N	Test hole proved salty.
26-901	Bud Allen	Cecil Gaulden	1957	60	4	--	Kgn	--	6.0	Mar. 3, 1960	J, E 1/3	D	--
* 33-304	Alvin Baird, Sr.	Leon Baird	1950	182	5	--	Kgn	345	.3 3.0	May 25, 1971 Nov. 17, 1975	S, E 1/3	D, S	--
* 305	Alvin Baird, Jr.	do	1968	180	6	--	Kgn	348	10.7	May 25, 1971	J, E 1/2	D, S	--
* 17-07-402	Allen Brown	--	1956	406	8	350	Kcpa	390	+ 28.6 11.1	Apr. 26, 1971 Nov. 19, 1976	Flows	S, Irr	Open hole completion. Temp. 83°F.
403	do	-- Wall	1956	425	8	365	Kcpa	393	--	--	Flows	Irr	Reported flow of 350 gal/min in 1960.
404	G. T. Wright	--	1908	2,200	--	--	Paleo	378	--	--	Flows	N	--
* 406	Wright Farms	Gaulden Water Wells	1965	391	5 4	227 394	Kcpa	398	--	--	Flows	S, Irr	Cemented from 182-232 ft. Perforated from 233-391 ft. Reported flow 160 gal/min. Temp. 66°F. <u>1/2</u>
407	do	do	1965	394	5 4	227 394	Kcpa	398	--	--	Flows	S, Irr	Cemented from 177-227 ft. Perforated from 227-394 ft. Reported yield over 200 gal/min. <u>1/2</u>
* 501	Allen Brown	-- Wall	1956	400	8	285	Kcpa	392	--	--	Flows	Irr	Open hole completion. Reported flow 470 gal/min. Temp. 68°F.
14-602	J. R. Gatlin	D. T. Moore	1957	86	6	30	Kgef	530	15	Apr. 1960	J, E 1	S	Open hole completion. Pump set at 80 ft. Reported yield 12 gal/min. Pumping level 18.6 ft on Dec. 3, 1976.
604	R. B. Stovall	--	1954	115	6	75	Kgef	--	31.9	Apr. 25, 1960	J, E 3/4	D, S	--
16-501	J. O. Gooch	Gaulden Water Wells	1968	81	12	81	Kga	412	21.0	Feb. 12, 1976	T, G	Ind, Irr	Screened from 71-81 ft. Gravel packed. Reported yield 400 gal/min. <u>1/2</u>
801	Ed Landrith	Horace Vancill	1957	80	4	80	Kga	--	18.7	Oct. 28, 1960	C, E 1/3	D	--
22-601	Marshall Good	D. T. Moore	1960	200	6	36	Kgef	--	79.5	Apr. 27, 1960	J, E 3/4	D	Water quality poor; not used from human consumption.

## RED RIVER COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
WB-17-22-901	City of Detroit	Layne-Texas Co.	1947	1,009	--	--	Kgv	480	--	--	N	N	Saline water encountered in test hole. <u>1</u>
* 902	do	J. L. Myers Sons	1962	2,025	8 7 3	1,222 1,970 2,025	Kcpa	480	75 72.0	Feb. 1975 Nov. 23, 1976	S, E 10	P	Cemented to 1,970 ft. Screened from 1,970-1,991 and 1,995-2,021 ft. Gravel packed. Pump set at 200 ft. Measured yield 96 gal/min on Nov. 23, 1976. Pumping level 124.0 ft on Dec. 10, 1975. Temp. 100°F. <u>1</u> <u>2</u>
* 23-801	Sam Buzbee	-- Fearson	1958	1,808	7	1,806	Kcpa	468	110	July 26, 1961	N	N	Open hole completion. Converted oil test. Plugged. Measured yield 3 gal/min on July 26, 1961. Temp. 84°F.
901	Bagwell School	Gaulden Water Wells	1955	380	4	--	Kgb1	490	50	1955	N	N	Temp. 64°F.
902	Sam Buzbee	Sam Buzbee	1948	1,818	7	1,815	Kcpa	492	110	July 26, 1961	C, E 3	--	Formerly used as domestic well; now producing oil. Measured yield 0.2 gal/min on July 26, 1961. Temp. 84°F.
" 903	Bagwell Water Supply Corporation	Gaulden Water Wells	1966	370	10	280	Kgb1	485	98.1 80.2	Nov. 15, 1972 Dec. 2, 1976	S, E 1/2	N	Cemented to 280 ft and plugged back to 243 ft. Gun perforated from 202-218 ft. <u>1</u> <u>2</u>
904	do	do	1966	236	6 4	200 236	Kgb1	485	99.5	Dec. 1, 1976	S, E	N	Cemented to 202 ft. Screened from 202-236 ft.
905	do	do	1966	236	6 4	200 236	Kgb1	485	--	--	S, E	N	Do.
906	do	do	1966	236	6 4	202 236	Kgb1	488	--	--	S, E	D	Do.
24-203	Dimple High School	Floyd and Lowers	1953	120	6	65	Kga	455	18.2	Dec. 4, 1958	N	N	Open hole completion. Well destroyed.
501	International Paper Co.	Horace Vancill	1955	200	6	200	Kga	435	24.1	Oct. 28, 1960	J, E 1	Ind	--
* 801	Red River Water Supply Corporation	Layne-Texas Co.	1968	538	10 6	438 538	Kgb1	488	243	Oct. 26, 1968	S, E 25	P	Cemented to 438 ft. Screened from 453-516 ft. Underreamed. Gravel packed. Pump set at 420 ft. Measured yield 105 gal/min on Feb. 10, 1975. Drawdown 149 ft pumping 150 gal/min when drilled. Pumping level 233.0 ft on Feb. 10, 1976. <u>1</u> <u>2</u>
802	do	do	1969	550	N	N	Kgb1	489	--	--	N	N	Test hole. <u>1</u> <u>2</u>
803	do	do	1969	566	10 6	455 566	Kgb1	470	276.0	Dec. 3, 1969	S, E 25	P	Cemented to 455 ft. Screened from 465-530 ft. Underreamed. Gravel packed. Pump set at 440 ft. Drawdown 114 ft pumping 156 gal/min when drilled. <u>1</u> <u>2</u>
* 31-201	I and L Development Co.	I and L Development Co.	1955	2,058	7	2,054	Kcpa	440	--	--	C, E 3	S	Converted oil test. Open hole completion. Measured yield 3 gal/min on July 26, 1961. Temp. 84°F.
* 32-201	City of Clarksville	Layne-Texas Co.	1930	602	16 8	-- 600	Kgb1	440	169.6 306.8	Nov. 9, 1959 Nov. 23, 1976	T, E 75	P	Screened from 523-600 ft. Pump set at 440 ft. Measured yield 500 gal/min on Feb. 12, 1976. Temp. 73°F. <u>1</u> <u>2</u>
* 202	do	--	1905	602	4	--	Kgb1	440	176.5	Aug. 10, 1960	N	N	Plugged. Reported yield 105 gal/min on Sept. 21, 1943.
* 203	do	--	1905	602	6 5	463 510	Kgb1	440	144 181.3	Sept. 21, 1943 Aug. 10, 1960	N	N	Open hole completion. Reported yield 160 gal/min. Plugged.
204	do	Layne-Texas Co.	1957	660	--	--	Kgb1	428	--	--	N	N	Test hole. <u>1</u>

See footnotes at end of table.

RED RIVER COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*WB-17-32-205	City of Clarksville	Layne-Texas Co.	1957	675	16 10	582 675	Kgbl	452	205	June 21, 1957	T, E 125	P	Screened from 585-665 ft. Pump set at 440 ft. Reported yield 500 gal/min. Pumping level 450 ft at 554 gal/min when drilled. <u>y y</u>
* 39-101	City of Bogata	--	1937	30	244	30	Kgna	408	--	--	N	N	Well destroyed. Temp. 76°F.
201	Roy Jones	--	1956	220	6	68	Kgna	--	18.2	Apr. 27, 1960	J, E 1/2	D, S	Plugged back to 82 ft. Drawdown 8 ft pumping 6 hours at 8 to 10 gal/min. <u>y</u>
* 204	City of Bogata	Layne-Texas Co.	1948	105	8	105	Kgna	390	21.7 21.7	Nov. 10, 1959 Nov. 19, 1976	N	N	Screened from 70-105 ft. Underreamed. Gravel packed. <u>y y</u>
* 206	do	do	1971	115	16 10	50 115	Kgna	395	23.6	Feb. 11, 1976	S, E 10	P	Cemented to 50 ft. Screened from 77-112 ft. Gravel packed. Reported yield 85 gal/min. Temp. 63°F.
401	J. A. Castleman	Horace Vancill	1955	122	8	122	Kgna	364	22 20.0	1955 June 2, 1960	N	Irr	Perforated from 86-122 ft. Reported yield 250 gal/min.
402	do	do	1956	155	10	155	Kgna	362	19.3 29.8	June 2, 1960 Feb. 11, 1976	N	Irr	Perforated from 101-155 ft. Reported yield 400 gal/min.
* 501	City of Bogata	B. F. Edington Drilling Co.	1955	170	14 8	84 170	Kgna	395	34.4 30.3	June 20, 1955 Feb. 11, 1976	T, E 5	P	Screened from 94-116 ft. Pump set at 130 ft. Drawdown 60.8 ft pumping 100 gal/min on June 21, 1955. <u>y</u>
503	Humble Oil and Refining Co.	--	1936	341	10	315	Kgna	350	--	--	N	N	Screened from 22-42 and 108-292 ft. Gravel packed. Pumping level 73 ft at 275 gal/min 1936. <u>y</u>
* 506	Johntown Elementary School	Leon Beard	1955	167	6	65	Kgna	353	26.5	Apr. 26, 1960	J, E 3/4	P	Open hole completion. Temp. 67°F.
* 507	City of Bogata	Layne-Texas Co.	1946	110	13	--	Kgna	395	30 38.2	May 1949 Feb. 11, 1976	S, E 7 1/2	P	Reported yield 80 gal/min. Stand-by well. Temp. 68°F.
* 508	do	do	1972	351	14 8	144 300	Kgna	349	40 56.0	Aug. 15, 1972 Feb. 11, 1976	T, E 40	P	Cemented to 144 ft. Screened from 150-270 ft. Underreamed. Gravel packed. Pump set at 268 ft. Drawdown 96 ft pumping 349 gal/min when drilled. Temp. 68°F. <u>y y</u>
601	Humble Oil and Refining Co.	do	1936	316	20 10	200 316	Kgna	352	5.9	Dec. 2, 1976	T, --	N	Completed from 208-287 ft.
* 602	do	do	1936	293	24 10	60 293	Kgna	350	8.6	do	T, --	N	Completed from 61-270 ft. Reported yield 250 gal/min.
* 901	City of Talco	do	1937	408	20 10	284 408	Kgna	330	+ 40 46.8	May 21, 1942 Aug. 1957 Feb. 11, 1976	T, E	P	Screened from 281-404 ft. Pump set at 220 ft. Flowed 23 gal/min when drilled. Reported yield 500 gal/min. Drawdown 198 ft pumping 442 gal/min when drilled. Temp. 68°F. <u>y</u>
* 904	Texas Power and Light Co.	do	1952	551	20 10	450 551	Kgna	335	109.0 173.9	Jan. 19, 1953 Apr. 7, 1961	T, E 50	Ind	Screened from 453-543 ft. Pump set at 450 ft. Measured yield 185 gal/min on Apr. 7, 1961. Drawdown 370 ft. Pumping 225 gal/min when drilled. Temp. 72°F. <u>y</u>
905	do	do	1952	539	20 10	442 539	Kgna	344	173.5	Apr. 7, 1961	T, E 50	Ind	Screened from 446-458 and 467-525 ft. Pump set at 455 ft. Reported yield 185 gal/min. Drawdown 350 ft pumping 172 gal/min when drilled. <u>y</u>

RED RIVER COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*WB-17-39-906	Talco-Bogata Consolidated Independent School District	Gaulden Water Wells	1974	300	4 2	212 280	Egna	300	40	Nov. 27, 1974	S, E	P	Cemented to 212 ft. Slotted from 196-280 ft. Gravel packed. Drawdown 40 ft pumping 30 gal/min when drilled. <sup>1</sup>

\* For chemical analyses of water, see Table 4.

<sup>1</sup> Drillers' log in files of the Texas Department of Water Resources.

<sup>2</sup> Geophysical logs in files of the Texas Department of Water Resources.

<sup>3</sup> For water-level measurements, see Table 3.

# RED RIVER COUNTY

## Table 2.—Selected Oil and Gas Tests

Logs in Texas Department of Water Resources files

Well	Operator	Lease and well	Date drilled	Depth (ft)	Approximate land surface elevation (ft)
WB-17-22-602	Dalport Oil Co.	Ralph Turner No. 1	Oct. 1, 1956	3,304	480
23-601	Hinton and Stevens	Archie Pryor No. 1	Dec. 15, 1949	3,176	462
24-901	J. K. Wadley	C. W. Andrews No. 1	Jan. 18, 1958	3,481	488

# RED RIVER COUNTY

**Table 3.—Water Levels in Selected Wells**

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well WB-17-23-903</b>		<b>Well WB-17-32-201</b>		<b>Well WB-17-39-204</b>	
Owner: Bagwell Water Supply Corporation		Owner: City of Clarksville		Owner: City of Bogata	
Nov. 15, 1972	98.1	Nov. 9, 1959	169.6	Nov. 10, 1959	21.7
Nov. 14, 1973	83.5	Nov. 1966	210	Apr. 26, 1971	25.5
Nov. 8, 1974	89.4	Nov. 9, 1971	303	Nov. 9, 1971	37.1
Nov. 17, 1975	81.1	Nov. 14, 1973	305.8	Nov. 14, 1972	39.1
Nov. 19, 1976	80.2	Nov. 8, 1974	311.0	Nov. 14, 1973	24.2
Dec. 2, 1976	80.2	Nov. 23, 1976	306.8	Nov. 17, 1974	22.5
		Nov. 21, 1977	413.0*	Nov. 17, 1975	21.2
		Nov. 21, 1977	355	Nov. 19, 1976	21.7
				Nov. 21, 1977	21.6

\* Pumping level



RED RIVER COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kcpa, Baluxy Formation; Kga, Austin Group, Kgb1, Blossom Sand; Kgn, Navarro Group, Kgna, Nacatoch Sand.  
 Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids.  
 Analyses by Texas Department of Health.

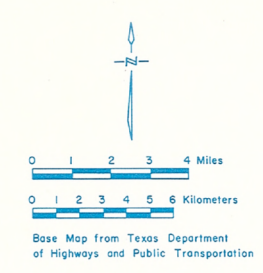
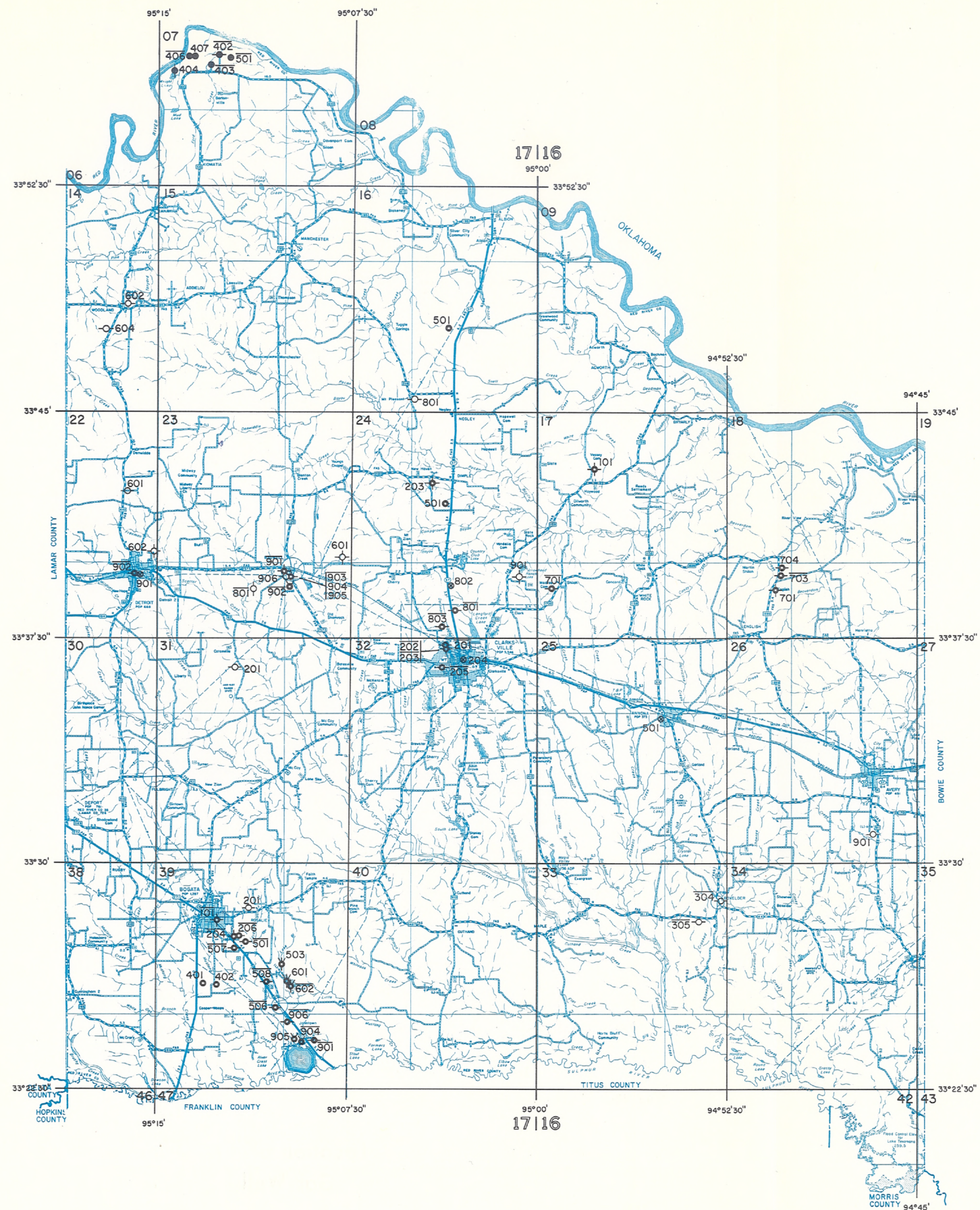
Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
WB-16-17-701	Kgb1	502	Sept. 27, 1968	10	0.2	2	1	481	--	610	98	270	0.6	0.7	--	1,163	9	1,980	8.6	99	69.3	9.8
701	Kgb1	502	Apr. 23, 1975	--	.0	2	1	445	--	640	105	217	.9	.7	--	1,440	6	2,144	8.8	99	64.1	10.3
18-703	Qal	60	Mar. 22, 1978	32	.6	11	3	10	1.0	54	4	10	.1	< .4	0.1	98	40	128	6.5	35	.6	.0
33-304	Kgn	182	May 25, 1971	24	--	145	24	38	--	349	180	45	.4	1.0	--	629	461	914	7.4	15	.7	.0
304	Kgn	182	July 19, 1976	25	--	147	24	40	--	356	175	54	.3	< .4	--	640	468	965	7.7	16	.8	.0
305	Kgn	180	May 25, 1971	17	--	52	10	70	--	242	96	15	.2	6.0	--	385	172	594	7.5	47	2.3	.5
305	Kgn	180	July 19, 1976	17	--	48	8	79	--	243	104	16	.1	5.4	--	396	153	610	7.5	53	2.7	.9
17-07-402	Kcpa	406	Apr. 26, 1971	12	--	54	9	25	--	195	17	34	.1	< .4	--	247	174	425	7.3	24	.8	.0
402	Kcpa	406	July 19, 1976	7	--	44	7	22	--	215	4	10	.1	< .4	--	200	139	345	8.2	26	.8	.7
403	Kcpa	425	Jan. 1, 1956	--	--	77	33	188	--	177	66	372	--	--	--	823	19	--	--	56	4.5	.0
406	Kcpa	391	Feb. 9, 1976	7	--	109	19	314	--	131	35	640	.2	1.4	.3	1,190	350	2,200	7.5	66	7.3	.0
501	Kcpa	400	Dec. 1, 1976	12	--	56	6	28	--	192	16	41	.1	< .4	--	253	166	452	7.6	27	.9	.0
22-902	Kcpa	2,025	Oct. 9, 1964	--	.1	5	1	455	--	790	178	109	4.1	2.0	--	1,153	17	2,068	8.5	98	48.6	12.6
902	Kcpa	2,025	Aug. 22, 1967	--	.1	3	2	449	--	790	191	107	4.0	< .4	--	1,146	15	2,064	8.2	98	49.2	12.6
902	Kcpa	2,025	Dec. 12, 1971	--	.0	4	4	443	--	790	189	114	3.2	< .4	--	1,146	25	2,039	8.3	97	37.4	12.4
902	Kcpa	2,025	Dec. 10, 1975	17	.2	5	1	449	--	790	178	108	3.6	< .4	--	1,150	17	1,780	8.4	98	47.9	12.6
23-801	Kcpa	1,808	July 26, 1961	15	.6	3	1	451	--	822	153	105	4.0	.0	--	1,142	12	1,810	7.8	99	57.6	13.2
901	Kgb1	380	Nov. 1, 1960	10	--	3	1	748	3.4	682	458	412	2.6	4.2	--	1,977	12	3,180	8.0	99	95.5	10.9
902	Kcpa	1,818	July 27, 1961	16	1.0	10	2	729	--	776	5	680	6.2	.0	--	1,839	33	3,180	7.6	98	55.0	12.0
903	Kgb1	243	May 25, 1971	11	--	5	3	640	--	730	357	302	2.6	2.5	--	1,682	23	2,510	8.3	98	55.8	11.4
24-501	Kga	200	Dec. 1, 1976	46	--	78	14	51	--	134	200	32	1.1	< .4	--	488	251	695	7.6	30	1.3	.0
801	Kgb1	538	Oct. 29, 1968	11	.1	1	1	355	--	503	126	128	.7	.2	--	870	6	1,510	8.9	99	60.0	8.1
801	Kgb1	538	Apr. 23, 1975	--	--	2	1	354	--	500	124	134	.7	< .4	.0	1,140	5	1,674	8.9	99	51.0	8.0
803	Kgb1	566	Dec. 4, 1969	11	.1	2	0	339	--	437	132	123	1.7	.3	--	823	5	1,420	8.8	99	66.0	7.0
803	Kgb1	566	Apr. 23, 1975	--	.0	2	1	329	--	454	131	126	.7	.8	--	1,070	5	1,595	8.9	99	47.4	7.2
31-201	Kcpa	2,058	July 26, 1961	17	--	4	2	508	--	778	140	230	5.2	.0	--	1,288	16	2,110	8.0	98	51.8	12.3
32-201	Kgb1	602	Sept. 21, 1943	15	--	5	1	384	4.8	377	201	204	.4	2.0	--	1,002	17	1,790	8.4	97	41.0	5.8
201	Kgb1	602	Dec. 1, 1953	23	.1	5	4	378	--	--	212	192	.4	< .4	--	1,050	29	--	8.3	97	30.5	--

RED RIVER COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
WB-17-32-201	Kgbl	602	Apr. 28, 1964	--	--	3	1	367	--	433	133	195	0.6	< 0.4	--	930	10	1,782	8.9	98	46.8	6.8
201	Kgbl	602	Apr. 26, 1971	13	--	4	2	367	--	423	150	211	.7	< .4	--	956	18	1,580	8.8	98	37.4	6.5
201	Kgbl	602	Nov. 9, 1971	12	--	3	1	317	--	459	131	127	.6	< .4	--	817	11	1,390	8.6	98	40.4	7.2
201	Kgbl	602	Jan. 3, 1975	--	0.0	5	1	392	--	428	185	226	.7	1.4	--	1,021	16	1,890	8.6	98	41.8	6.6
201	Kgbl	602	Jan. 3, 1976	--	.0	5	2	386	--	411	178	219	.5	< .4	--	993	22	1,944	8.8	98	36.9	6.3
202	Kgbl	600	Dec. 1, 1953	29	.3	2	6	328	--	--	156	135	.5	< .4	--	890	30	--	8.5	96	26.1	--
203	Kgbl	600	do	31	3.8	3	5	411	--	--	141	238	.5	< .4	--	1,110	28	--	8.5	97	33.7	--
205	Kgbl	675	June 21, 1957	--	.1	2	1	376	--	545	132	166	.6	< .4	--	946	9	1,760	--	99	54.2	8.7
205	Kgbl	675	Apr. 28, 1964	--	--	3	0	373	--	488	160	142	.8	< .4	--	940	7	1,793	8.8	99	59.3	7.8
205	Kgbl	675	Dec. 29, 1972	--	2.6	2	1	204	--	510	168	169	.7	1.5	--	1,080	11	1,890	8.8	98	29.4	8.1
205	Kgbl	675	Jan. 3, 1975	--	.0	2	1	398	--	510	164	177	.8	.9	--	994	6	1,836	8.7	99	57.4	8.1
205	Kgbl	675	Jan. 5, 1976	--	.0	2	1	405	--	499	154	185	.7	< .4	--	993	8	1,944	8.9	99	58.4	7.9
39-101	Kgna	30	Sept. 21, 1943	46	--	5	5	9	3.4	27	6	6	.0	3.2	--	96	16	--	6.8	34	.6	.0
204	Kgn	105	Oct. 29, 1958	--	--	4	1	28	--	35	6	29	.1	< .4	--	77	16	158	6.5	81	3.2	.2
206	Kgna	115	Feb. 11, 1976	22	--	3	1	123	--	271	4	42	.2	< .4	--	328	11	527	7.9	96	15.7	4.2
501	Kgna	170	June 21, 1955	16	.1	16	2	36	--	93	23	20	--	--	--	158	--	--	--	62	2.2	.5
506	Kgna	167	June 1, 1960	16	--	4	1	210	1.2	509	0	24	.3	3.2	--	509	12	834	8.5	97	24.3	8.0
507	Kgna	110	June 2, 1949	65	--	5	2	21	6.0	35	3	27	.0	1.5	--	147	21	--	6.2	62	2.0	.1
508	Kgna	351	Aug. 17, 1972	--	.1	4	1	127	--	278	5	41	.1	.2	--	456	14	460	8.0	95	14.7	4.2
508	Kgna	351	Feb. 11, 1976	24	.1	3	1	132	.1	285	4	47	.2	< .4	--	351	8	563	8.1	96	16.8	4.4
602	Kgna	293	July 24, 1963	33	--	5	0	128	--	272	5	45	.2	.0	--	349	14	535	7.6	96	15.7	4.2
901	Kgna	408	May 21, 1942	15	--	3	1	413	--	544	2	326	.3	.2	--	1,027	11	--	--	99	52.7	8.6
901	Kgna	408	July 24, 1963	11	--	3	1	432	--	520	0	370	.3	1.2	--	1,074	10	1,860	7.5	99	55.1	8.2
904	Kgna	551	Jan. 27, 1953	--	--	4	1	438	--	559	7	280	--	--	--	1,004	--	--	9.1	98	50.7	8.8
904	Kgna	551	Feb. 11, 1976	12	--	3	1	500	--	630	4	427	.6	4.0	--	1,261	10	2,150	8.2	99	63.8	10.0
906	Kgna	300	do	12	--	2	1	296	--	670	4	61	.7	< .4	--	706	6	1,150	8.7	99	42.6	10.7





- EXPLANATION
- Public supply well
  - Industrial well
  - Irrigation well
  - Domestic or livestock well
  - Oil or gas well
  - Test hole
  - Unused or abandoned well
  - Solid circle indicates flowing well
  - Line above well number indicates chemical analysis in Table 4

Location of Selected Water, Oil, and Gas Wells in Red River County



ROCKWALL COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.

Water level : Reported water levels given in feet; measured water levels given to the nearest tenth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder, E, electric; G, gasoline, butane or diesel engine; H, hand; J, jet; N, none;  
 S, submersible; T, turbine, W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Kcpa, Paluxy Formation; Kgt, Taylor Group; Kgw, Woodbine Group.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks	
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement				
*WI-33-05-401	City of Rockwall	Layne-Texas Co.	1941	3,342	8	604	Kcpa	596	123	Sept. 18, 1941	T, E	P	Cemented to 3,251 ft. Slotted from 3,242-3,342 ft. Pumping level 250 ft at 134 gal/min when drilled. Temp. 116°F. <u>1</u> <u>2</u>	
					6	3,251			155	Jan. 17, 1961		50		
					4	3,342			331.1	Nov. 12, 1974				
* 501	do	R. H. Dearing and Sons	1901	1,840	6	--	Kgw	525	85	May 31, 1933	N	N	Flowed 2 gal/min when drilled. Reported yield 35 gal/min on July 31, 1941. Plugged. <u>1</u>	
* 801	Rockwall Estates	--	1968	50	30	--	Kgt	480	6.1	Nov. 12, 1971	J, E	P	Temp. 72°F. <u>2</u>	
									3.1	Nov. 18, 1976	1 1/2			

\* For chemical analyses of water, see Table 4.  
1 Drillers' log in files of the Texas Department of Water Resources.  
2 For water-level measurements, see Table 3.

# ROCKWALL COUNTY

## Table 3.—Water Levels in Selected Wells

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well WL-33-05-401</b>		<b>Well WL-33-05-401—Continued</b>		<b>Well WL-33-05-801—Continued</b>	
Owner: City of Rockwall		Nov. 12, 1974	331.1	Nov. 17, 1972	2.2
Sept. 18, 1941	123	Nov. 18, 1976	340.7	Nov. 9, 1973	3.1
Sept. 19, 1941	250 *	Nov. 17, 1977	353.4	Nov. 12, 1974	2.2
Jan. 17, 1961	155	<b>Well WL-33-05-801</b>		Nov. 20, 1975	4.3
Mar. 16, 1971	303.0	Owner: Rockwall Estates		Nov. 18, 1976	3.1
Nov. 12, 1971	309.9	Mar. 16, 1971	4.6	Nov. 17, 1977	4.5
Nov. 17, 1972	323.1	Nov. 12, 1971	6.1		
Nov. 9, 1973	326.6				

\* Pumping level

ROCKWALL COUNTY

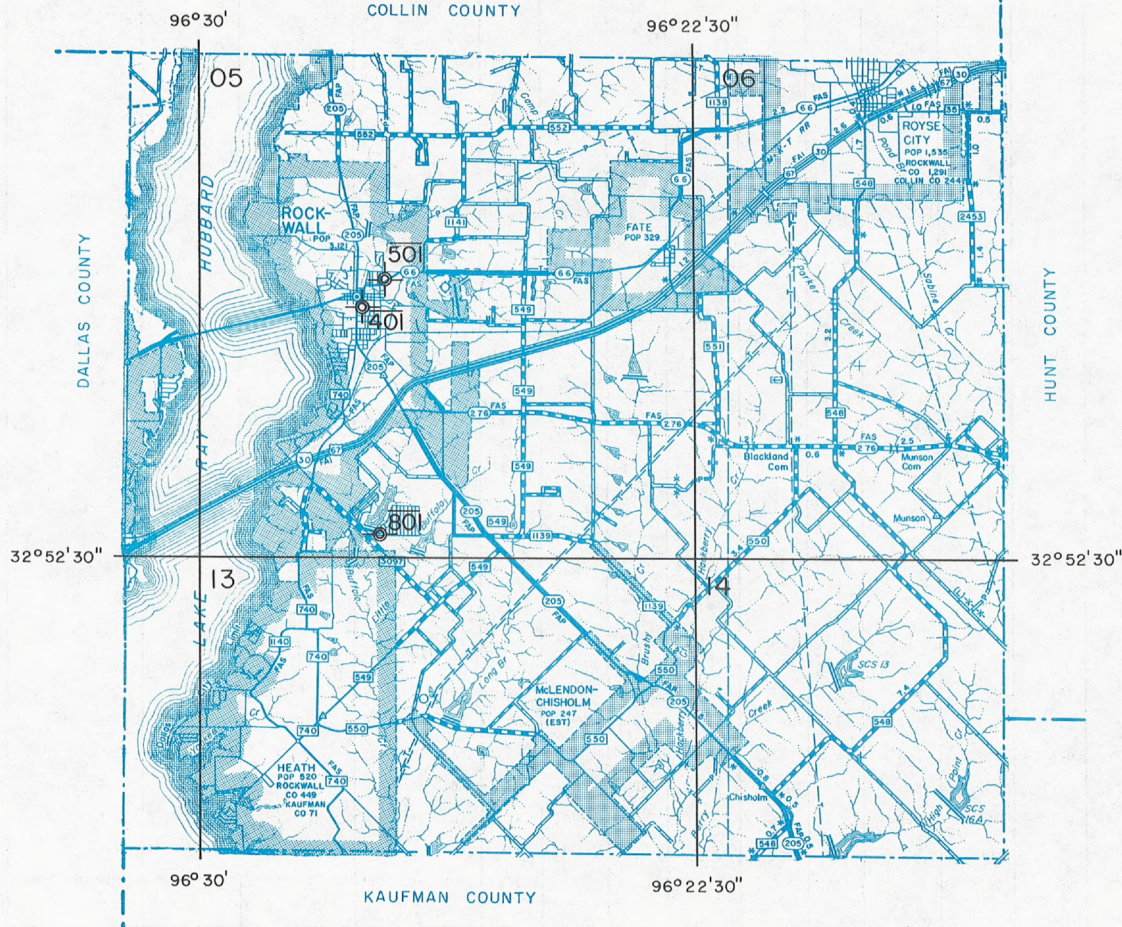
Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kcpa, Paluxy Formation; Kgt, Taylor Group; Kgw, Woodbine Group.

Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids.  
Analyses by Texas Department of Health.

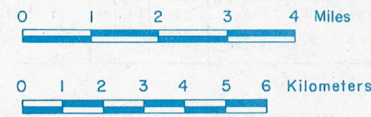
Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
WL-33-05-401	Kcpa	3,342	Nov. 16, 1941	26	--	3	1	311	--	546	199	36	1.7	0.1	--	846	78	--	8.6	98	39.7	8.7
401	Kcpa	3,342	July 13, 1947	25	0.2	10	6	365	--	525	203	43	1.5	2.7	--	998	50	--	8.6	94	22.5	--
401	Kcpa	3,342	Nov. 14, 1955	23	--	5	1	355	--	561	215	53	1.8	< .4	--	930	17	--	8.6	98	37.9	8.8
501	Kgw	1,840	Apr. 12, 1938	23	.4	16	15	1,530	--	1,068	76	1,750	2.0	.3	--	3,912	102	--	8.0	97	66.0	--
501	Kgw	1,840	July 31, 1941	--	--	10	4	1,530	--	1,080	43	1,720	--	--	--	3,838	43	--	--	99	103.4	16.8
801	Kgt	50	Mar. 16, 1971	10	--	95	8	91	--	381	74	58	.7	< .4	--	524	--	--	--	42	2.4	.8
801	Kgt	50	Oct. 4, 1976	14	--	54	6	178	--	373	80	117	.8	4.5	--	637	161	1,068	7.9	71	6.1	2.9



EXPLANATION

- Public supply well
- Industrial well
- Irrigation well
- Domestic or livestock well
- Oil or gas well
- Test hole
- Unused or abandoned well
- Solid circle indicates flowing well
- Line above well number indicates chemical analysis given in Table 4

Note: This county is entirely within 1° quadrangle number 33



Location of Selected Water Wells in Rockwall County

Base Map from Texas Department of Highways and Public Transportation

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.

Water level : Reported water levels given in feet; measured water levels given to the nearest tenth of a foot.

Method of lift and type of power: A, airlift; C, cylinder; E, electric; G, gasoline. butane or diesel engine; H, hand; J, jet; N, none; S, submersible; T, turbine; W, windmill. Number indicates horsepower.

Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.

Water-bearing unit : Kcgr, Glen Rose Formation; Kcpa, Paluxy Formation; Kctm, Twin Mountains Formation; Kgw, Woodbine Group; Qal, Alluvium.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-04-501	H. E. Boyd	Milner Supply Co.	1950	340	4	340	Kcgr	720	60	Sept. 1950	C, E	D	<u>1</u>
* 601	Pelican Bay Water Supply Corporation	--	1971	650	7	650	Kctm	708	470	Oct. 1975	S, E 20	P	Pumping level 550 ft at 73 gal/min on Oct. 1975.
* 902	Pierce Water Co.	Milner Supply Co.	1948	450	4	--	Kcgr, Kctm	680	--	--	N	N	Deepened from 375 ft but not enough water. Well is destroyed. <u>1</u>
* 05-101	Texas National Guard	Layne-Texas Co.	1942	573	13 8	465 543	Kctm	795	211	Nov. 17, 1942	T, E 30	P	Screened from 482-539 ft. Pumping level 343 ft at 140 gal/min when drilled. <u>1</u>
* 102	do	do	1943	542	16 13 12 8	185 325 467 542	Kctm	720	139	Feb. 4, 1943	T, E 15	N	Cemented to 467 ft. Screened from 485-538 ft. Gravel packed. Pump set at 370 ft. Pumping level 338 ft at 76 gal/min when drilled. <u>1</u>
201	Community Water Co.	Henry C. Millican	1968	337	8 4	22 337	Kcpa	840	215 197.7	July 29, 1968 Feb. 26, 1975	S, E 3	P	Screened from 287-315 ft. Gravel packed.
202	do	Caraway	--	--	--	--	Kcpa	840	--	--	S, E 2	P	--
203	do	Charles Masters Drilling Co.	1968	455	4	265	Kcpa	840	223	Apr. 20, 1968	N	N	Cemented to 265 ft. Open hole completion. Plug-ged. <u>1</u>
* 204	R. Naugle	W. Plunkett	1950	317	4	317	Kcpa	815	217	Mar. 1950	C, E 1 1/2	D	--
301	Joe B. Lindsey	Ward and Ward Drilling Co.	1966	407	6	407	Kcpa	830	--	--	S, E 2	D	Cemented to bottom and jet perforated. Pump set at 345 ft. Reported yield 40 gal/min. <u>1</u>
* 302	Willow Springs Golf Course	H. F. Turbeville Drilling Contractor	1972	419	6	419	Kcpa	810	243 256.2	Mar. 17, 1972 Aug. 22, 1975	S, E 10	Irr	Perforated from 305-330; 340-375; and 395-410 ft. Gravel packed. Pump set at 378 ft. Measured yield 104 gal/min. Pumping level 300 ft at 93 gal/min when drilled. Temp. 71°F. <u>1</u>
* 303	William A. Blakley	J. L. Myers Sons	1967	992	7 3	882 992	Kctm	825	490	Mar. 24, 1967	S, E 20	D, S	Cemented to 882 ft. Screened from 882-976 ft. Pump set at 755 ft. <u>1</u>
* 401	I. A. Warren	Fort Worth Drilling Co.	1948	152	8 4	-- --	Kcgr	660	12	Nov. 2, 1950	J, E	D	<u>1</u>
* 502	Quick Car Corp.	Millican Well Service	1977	405	4	405	Kcpa	865	284 287.0	Apr. 11, 1977 June 24, 1977	S, E 5	Ind	Cemented to 200 ft. Perforated from 345-375 ft. Drawdown 30 ft pumping 42 gal/min when drilled. <u>1</u>
701	Community Water Co.	Reid Pump and Sale Service	1960	273	6 4	-- 273	Kcpa	670	87.3	Feb. 24, 1975	S, E 1 1/2	P	--
702	do	Wolf Drilling Co.	1970	261	5	261	Kcpa	670	--	--	S, E 1 1/2	P	Cemented to 261 ft. Gun perforated from 235-250 ft. <u>1</u> <u>2</u>
* 703	Texas Electric Service Co.	B. H. Whitfield	1952	196	7 4	-- --	Kcpa	700	--	--	S, E 1	N	Pump set at 147 ft. Temp. 68°F.
* 801	Lake Country Estates	Henry C. Millican	1971	208	10 6	110 208	Kcpa	685	48	Aug. 25, 1971	T, E 10	P	Cemented to 110 ft. Perforated from 110-182 ft. Gravel packed. Reported yield 95 gal/min in 1975. Pumping level 102 ft at 130 gal/min when drilled. Reported iron-water between 59-77 ft. <u>1</u>

See footnotes at end of table.



## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-05-802	Lake County Estates	Henry C. Millican	1972	250	10 6	166 250	Kcpa	740	116.0 110	Nov. 14, 1972 Nov. 30, 1972	T, E 10	P	Cemented and screened from 166-234 ft. Gravel packed. Reported yield 100 gal/min in 1975. Pumping level 161 ft at 168 gal/min. <u>1</u> <u>2</u>
803	do	do	1972	259	16	10	Kcpa	700	--	--	N	N	Cemented to bottom. Plugged. <u>1</u> <u>2</u>
804	W. C. Hart	Milner Supply Co.	1950	233	4	--	Kcgr	665	--	--	N	N	<u>1</u>
901	Pettibone-Westroc, Inc.	--	1918	342	--	--	Kcpa	820	245	Sept. 1940	10, E	Ind	--
902	Dick Boaz	-- Gross	1917	320	4	--	Kcpa	840	291.1 282.9	Mar. 7, 1954 June 22, 1954	C, E	D, S	--
903	Saginaw-Eagle Mountain School District	Ward and Ward Drilling Co.	1965	421	5	421	Kcpa	830	--	--	N	N	Cemented to bottom and jet perforated. Supply inadequate. <u>1</u>
904	do	do	1965	1,043	6	1,043	Kctm	830	--	--	S, E 20	P	Cemented to bottom and jet perforated. Pump set at 800 ft. Reported yield 50 gal/min. <u>1</u>
905	Pettibone-Westroc, Inc.	--	1942	350	--	--	Kcpa	820	--	--	C, E	Ind	--
906	Aeroprocess, Inc.	H. D. Turbeville Drilling Contractor	1966	398	7	398	Kcpa	820	280	Aug. 1966	T, E 10	Ind	Cemented to 338 ft. Perforated from 348-398 ft. Pump set at 365 ft. Reported yield 50 gal/min. <u>1</u>
907	Melody Homes Manufacturing Co.	do	1965	392	7 5	305 392	Kcpa	815	285	Oct. 1, 1965	T, E 15	Ind	Cemented to 305 ft. Slotted from 342-382 ft. Reported yield 80 gal/min. <u>1</u>
* 908	do	do	1965	405	7 5	315 405	Kcpa	812	285	Nov. 1, 1965	T, E 15	Ind	Cemented to 315 ft. Slotted from 355-395 ft. Pump set at 330 ft. Reported yield 90 gal/min. <u>1</u>
909	Hillcrest Estates	do	1968	413	6	413	Kcpa	800	303	July 20, 1968	S, E	P	Cemented to bottom. Perforated from 316-340 and 365-395 ft. Pump set at 378 ft. <u>1</u>
910	Eagle Mountain School District	Ward and Ward Drilling Co.	1963	435	5	411	Kcpa	795	324.2	June 20, 1977	S, E 2	P	Cemented to 411 ft and gun perforated. Pump set at 355 ft. <u>1</u>
* 911	do	do	1964	430	5	430	Kcpa	800	315	do	S, E 1 1/2	P	Perforated.
06-301	L. E. Medlin	D. L. Myers	1971	546	5	546	Kcpa	650	300	July 15, 1971	S, E	D, S	Cemented to bottom. Gun perforated from 430-434; 454-458, 485-491; and 506-511 ft. <u>2</u>
* 401	H. H. Schreiber	--	1935	--	6	--	Kcpa	755	225 301.0	Dec. 3, 1950 1975	N	N	<u>3</u>
* 402	City of Haslet	Layne-Texas Co.	1971	585	10 6	470 585	Kcpa	830	368 372.0	Oct. 15, 1971 Jan. 27, 1977	S, E	P	Cemented to 470 ft. Screened from 480-530 and 542-562 ft. Underreamed. Gravel packed. Reported yield 80 gal/min. Pump set at 560 ft. <u>1</u> <u>2</u>
* 403	do	do	1972	1,190	7	1,190	Kctm	830	717.0 740.0	Feb. 9, 1972 Jan. 27, 1977	S, E	P	Cemented to 1,084 ft. Mill slotted from 1,084-1,134 ft. Pumping level 838 ft at 75 gal/min when drilled. <u>1</u> <u>2</u>
404	York Construction Co.	C. M. Sporer Drilling Co.	1967	1,018	7 4	882 1,018	Kctm	780	655	Nov. 17, 1967	S, E 40	Ind	Cemented to 882 ft. Torch slotted from 882-1,018 ft. Pump set at 840 ft. Pumping level 780 ft at 143 gal/min when drilled. <u>1</u>
* 501	J. C. Rupe	C. S. Allen	1953	512	4	--	Kcpa	805	306	Aug. 1953	C, E	D	Perforated from 470-512 ft. Pump set at 356 ft.
* 502	Keller Rural Water Supply Corporation	Wolf Drilling Co.	1974	1,160	7	1,157	Kctm	785	851	Mar. 20, 1975	S, E 40	P	Cemented to 1,034 ft. Screened from 1,035-1,070 and 1,100-1,155 ft. Pump set at 1,008 ft. Pumping level 996 ft at 80 gal/min when drilled. <u>1</u> <u>2</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-06-503	Onyx Construction Co.	Henry C. Millican	1975	560	6 5	499 560	Kcpa	800	420	Oct. 28, 1975	S, E	Ind	Cemented to 499 ft. Perforated from 499-519 and 549-560 ft. Pump set at 484 ft. <u>1</u>
* 504	Keller Rural Water Supply Corporation	J. L. Myers Co.	1977	690	10 7	543 690	Kcpa	790	450	Jan. 25, 1977	S, E 40	P	Cemented to 563 ft. Screened from 543-564; 570-576; 585-606; 612-652; 656-669; and 674-678 ft. Underreamed. Gravel packed. Pump set at 660 ft. Drawdown 145 ft pumping 50 gal/min when drilled. <u>1</u> <u>2</u>
601	Town of Keller	-- Cambill	--	610	6	--	Kcpa	710	--	--	N	N	Plugged.
* 602	North Tarrant County Municipal Water District	Henry C. Millican	1961	639	13 10 7	49 535 639	Kcpa	710	386 461	Feb. 25, 1961 Nov. 18, 1968	S, E 25	P	Cemented to 535 ft. Screened from 535-600 and 605-635 ft. Gravel packed. Pump set at 605 ft. Pumping level 500 ft at 105 gal/min when drilled. <u>1</u>
* 603	Town of Keller	J. L. Myers Sons	--	447	6	--	Kcpa	705	175	1948	N	N	Plugged. Temp. 69°F. <u>1</u>
604	North Tarrant County Municipal Water District	Henry C. Millican	1965	660	10 8 7	68 595 660	Kcpa	740	461 502.0 330.0	Oct. 7, 1965 May 25, 1973 Jan. 5, 1977	S, E 15	P	Cemented to 595 ft. Torch slotted from 595-616 and 648-656 ft. Pump set at 630 ft. Reported yield 55 gal/min on June 7, 1973. Pumping level 563 ft at 65 gal/min when drilled. <u>1</u>
* 605	Keller Rural Water Supply Corporation	Katy Drilling Co.	1967	1,273	12 6	1,170 1,273	Kctm	770	905.0	Jan. 4, 1977	T, E 100	P	Cemented to 1,170 ft. Screened from 1,176-1,182; 1,188-1,198; and 1,208-1,268 ft. Underreamed. Gravel packed. Pump set at 1,030 ft. Reported yield 300 gal/min. Pumping level 922 ft at 305 gal/min when drilled. <u>1</u> <u>2</u>
* 606	do	J. L. Myers Co.	1976	780	10 6	623 770	Kcpa	770	500	Dec. 10, 1976	S, E 40	P	Cemented to 623 ft. Screened 105 ft at 6 intervals from 623-762 ft. Underreamed. Gravel packed. Drawdown 160 ft pumping 75 gal/min. <u>1</u> <u>2</u>
701	H. M. Stallings	--	--	--	6	--	Kcpa	690	226.0 231.2	Feb. 3, 1954 Sept. 15, 1954	G, E	S	--
* 801	Vista Industries	H. E. Turbeville Water Well Contractor	1969	422	6	422	Kcpa	705	308	Dec. 9, 1969	S, E 5	Ind	Cemented to 345 ft. Perforated from 355-415 ft. Gravel packed. Pump set at 378 ft. <u>1</u>
901	Ray White	--	1897	503	6	--	Kcpa	710	340.0 472.8	Feb. 15, 1954 May 10, 1966	C, E	N	<u>3</u>
* 07-101	Community Water Co.	Madewell Drilling Co.	1970	744	5 2	682 742	Kcpa	790	567	Aug. 1970	S, E 5	P	Cemented to 682 ft. Screened from 682-742 ft. Gravel packed. Pump set at 651 ft. Pumping level 607 ft at 20 gal/min when drilled. <u>1</u>
* 102	do	R. D. Caraway	1974	125	5	125	Kgw	790	66.0	Feb. 27, 1975	S, E 3/4	P	Gravel packed.
104	Roy Reynolds	Ward and Ward Drilling Co.	1970	720	4	720	Kcpa	740	500	Feb. 17, 1970	S, E 3	N	Cemented to bottom. Jet perforated from 572-576; 643-648; 670-675; and 695-700 ft. Pump set at 588 ft. <u>1</u> <u>2</u>
* 201	Keller Rural Water Supply Corporation	Wolf Drilling Co.	1975	747	7 3	596 747	Kcpa	640	313	Sept. 16, 1975	S, E 20	P	Cemented to 596 ft. Screened from 586-646 and 690-750 ft. Pump set at 600 ft. Drawdown 169 ft pumping 73 gal/min on Sept. 16, 1975. <u>1</u>
202	Oak Hill Mobile Home Estates	Henry C. Millican	1971	785	7 4	134 785	Kcpa	710	530	Oct. 15, 1971	S, E	P	Cemented to 785 ft. Gun perforated from 709-720 and 746-751 ft. <u>1</u>
301	B and D Mills Inc.	F. E. Kilpatrick Water Well Drilling	1963	660	7 4	36 645	Kcpa	630	320	Mar. 1963	S, E 3	D, S, Ind	Cemented to 645 ft. Underreamed. Gravel packed. Pump set at 525 ft. Reported yield 13 gal/min. Pumping level 380 ft at 50 gal/min when drilled. <u>1</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-07-401	North Tarrant County Municipal Water District	Henry C. Millican	1972	625	13 10 7	30 522 625	Kcpa	678	455 467.0	Mar. 24, 1972 Jan. 5, 1977	S, E 20	P	Cemented to 522 ft. Screened from 522-561 and 564-620 ft. Gravel packed. Pump set at 587 ft. Pumping level 484 ft at 83 gal/min when drilled and 502 ft on Jan. 5, 1977. <u>1</u> <u>2</u>
* 402	Keller Rural Water Supply Corporation	Katy Drilling Inc.	1967	1,468	12 6	1,284 1,468	Kctm	780	793.0 775.0	Jan. 9, 1974 Jan. 4, 1977	T, E 125	P	Cemented to 1,284 ft. Screened from 714-720; 725-748; 760-774; 782-806; and 812-828 ft. Underreamed. Gravel packed. Pump set at 750 ft. Drawdown 220 ft pumping 75 gal/min when drilled. <u>1</u> <u>2</u>
403	do	J. L. Myers Sons	1974	841	16 10 7	30 714 841	Kcpa	780	460 605.0	Apr. 1974 Jan. 4, 1977	S, E 25	P	Screened from 714-720; 725-748; 760-774; 782-806; and 812-828. Underreamed. Gravel packed. Pump set at 750 ft. Drawdown 220 ft pumping 75 gal/min. <u>1</u> <u>2</u>
502	Community Water Co.	O. F. Young Drilling Co.	--	750	--	--	Kcpa	745	--	--	S, E	P	--
* 503	City of Colleyville	Henry C. Millican	1970	816	13 10 7	92 712 816	Kcpa	720	616	June 20, 1970	S, E	P	Cemented to 816 ft. Screened from 712-806 ft. Gravel packed. Pump set at 773 ft. Measured yield 130 gal/min. Pumping level 648.0 ft on Jan. 17, 1977. <u>1</u>
504	John Sheehy	C. M. Stoner Drilling Co.	1963	732	4	732	Kcpa	680	500	Nov. 20, 1963	S, E 3	D, S	Cemented to bottom. Gun perforated from 688-693 and 710-715 ft. Pump set at 590 ft. Reported yield 10 gal/min. <u>1</u>
* 601	City of Southlake	Layne-Texas Co.	1965	1,649	10 6	1,514 1,649	Kctm	653	579 743.0 765.0 760.0	Nov. 2, 1965 May 1972 May 6, 1975 Jan. 5, 1977	S, E 110	P	Cemented to 1,514 ft. Mill slotted screen from 1,522-1,548 and 1,556-1,610 ft. Underreamed. Gravel packed. Pump set at 900 ft. Reported yield 320 gal/min. Pumping level 671 ft at 412 gal/min when drilled. <u>1</u> <u>2</u>
* 602	do	do	1972	1,610	12 6	1,490 1,610	Kctm	665	697	May 15, 1972	S, E 150	P	Cemented to 1,490 ft. Screened from 1,500-1,573 ft. Underreamed. Gravel packed. Pump set at 1,000 ft. Reported yield 425 gal/min. Pumping level 820 ft at 510 gal/min when drilled. <u>1</u> <u>2</u>
603	Texas Advent Camp Conference	Ward and Ward Drilling Co.	1964	784	4	770	Kcpa	675	390	Apr. 1, 1964	S, E 2	P	Cemented to 770 ft. Open hole from 770-784 ft. Pump set at 504 ft. Reported yield 10 gal/min. <u>1</u>
604	Southlake Estates	Geyer Drilling Co.	1972	185	4	185	Kgw	670	120	Sept. 22, 1972	S, E	Irr	Cemented to bottom. Gun perforated from 68-76; 114-128; and 140-146 ft. Pump set at 182 ft. Reported yield 11 gal/min. <u>1</u> <u>2</u>
605	Western Hatchery	J. L. Myers Sons	1955	868	6 4	21 868	Kcpa	650	269	Sept. 21, 1965	C, E 1 1/2	Ind, D, S	Cemented to 90 ft. Perforated from 839-868 ft. Pump set at 378 ft. <u>1</u>
* 801	City of Hurst	Day Drilling	1966	781	10 7	640 781	Kcpa	655	--	--	S, E 30	P	Cemented to 640 ft. Screened from 642-659; 666-681; 698-727; 734-754; and 759-763 ft. Gravel packed. Pump set at 710 ft. <u>1</u> <u>2</u>
* 802	City of North Richland Hills	Henry C. Millican	1962	760	16 13 10 7	37 88 648 760	Kcpa	670	494	July 14, 1962	S, E 30	P	Cemented to 648 ft. Screened from 650-755 ft. Gravel packed. <u>1</u>
* 803	do	do	1962	757	13 10 7	107 641 757	Kcpa	675	460	May 5, 1962	S, E 30	P	Cemented to 641 ft. Screened from 642-752 ft. Gravel packed. Pumping level 526 ft at 150 gal/min when drilled.
804	W. D. Sheets	J. L. Myers Sons	1971	770	5	672	Kcpa	710	630	Aug. 23, 1971	S, E 3	D	Cemented to 672 ft. Gravel packed. <u>1</u> <u>2</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-07-901	City of Colleyville	Milner Supply Co.	1950	640	6 4	115 622	Kcpa	625	245	Oct. 1950	C, E 2	N	At Pleasant Run School. Measured specific capacity 1.09 (gal/min)/ft by U. S. Geological Survey on Dec. 11, 1950. <u>1</u>
* 902	do	Henry C. Millican	1973	851	13 10 7	170 759 851	Kcpa	670	632	June 11, 1973	S, E 40	P	Cemented to 759 ft. Screened from 759-844 ft. Gravel packed. Measured yield 114 gal/min on Apr. 25, 1975. Pumping level 769.0 ft on Jan. 18, 1977. Temp. 80°F. <u>1</u>
* 903	do	do	1973	103	8	103	Kgw	670	54 65.0	June 20, 1973 Jan. 18, 1977	T, E 7 1/2	P	Cemented to 72 ft. Screened from 82-100 ft. Gravel packed. Measured yield 28 gal/min on Apr. 25, 1975. Temp. 69°F. <u>1</u>
* 904	do	do	1957	823	12 10 8	153 712 823	Kcpa	670	417 658.0	Nov. 25, 1957 Jan. 17, 1977	S, E 40	P	Cemented to 712 ft. Screened from 713-813 ft. Measured yield 120 gal/min on Apr. 25, 1975. Pump set at 785 ft. <u>1</u>
905	do	do	1972	805	13 10 7	139 705 805	Kcpa	620	590 630	June 3, 1972 Jan. 17, 1977	S, E 40	P	Cemented to 705 ft. Screened from 705-800 ft. Gravel packed. Measured yield 115 gal/min on Apr. 25, 1975. Pump set at 780 ft. <u>1</u>
906	Bluebonnet Hills Memorial Park	Ticknor Drilling Service	1966	155	6	155	Kgw	670	20 44.6	Feb. 15, 1966 May 1, 1975	S, E 5	Irr	Slotted from 104-133; 135-139; and 142-148 ft. Gravel packed. Pump set at 140 ft. Reported yield 90 gal/min. Drawdown 100 ft pumping 110 gal/min when drilled. <u>1</u>
* 907	do	do	1969	87	7	--	Kgw	626	6.3	May 1, 1975	S, E 5	Irr	--
908	do	do	1973	50	6	50	Kgw	624	15 6.6	Mar. 20, 1973 May 1, 1975	S, E 3	Irr	Perforated from 20-48 ft. Gravel packed. Pump set at 40 ft. Drawdown 15 ft pumping 60 gal/min when drilled. <u>1</u>
909	Mitchell Nursery	do	1971	50	4	50	Kgw	630	22	May 10, 1971	J, E 1	Irr	Perforated from 28-45 ft. Pump set at 45 ft. Drawdown 20 ft pumping 25 gal/min when drilled. <u>1</u>
910	McClendon Nursery	Posey Drilling Co.	1971	200	4	200	Kgw	618	--	--	S, E 1	Irr	Slotted. Drawdown 10 ft pumping 12 gal/min when drilled. <u>1</u>
* 911	do	do	1972	185	4	185	Kgw	618	--	--	S, E 1	Irr	Cemented to 20 ft. Slotted. Estimated yield 20 gal/min. Temp. 71°F. <u>1</u>
912	Pan American Hydroponics	C. Glenn Wallen and Son	1967	134	7	134	Kgw	637	25	Mar. 29, 1967	S, E 2	Ind	Slotted from 100-134 ft. Gravel packed pump set at 84 ft. Pumping level 50 ft at 50 gal/min when drilled. <u>1</u>
913	Bluebonnet Hills Memorial Park	Ticknor Drilling Service	1976	80	6	80	Kgw	625	--	--	S, E 5	Irr	Perforated. Gravel packed. Measured yield 40 gal/min at 28.7 ft on Oct. 19, 1977.
08-101	William Criswell	J. L. Myers Sons	--	141	6	--	Kgw	570	73 50.1	Feb. 25, 1954 Nov. 25, 1975	S, R	N	<u>1</u>
102	City of Grapevine	McKee Drilling Co.	--	840	7 4	720 840	Kcpa	580	--	--	S, R 5	P	Cemented to 720 ft. Slotted from 720-840 ft. Gravel packed. Pump set at 525 ft.
* 103	do	do	--	812	7 5	774 812	Kcpa	615	--	--	S, E 10	P	Cemented to 774 ft. Torch slotted from 764-812 ft. Pump set at 546 ft. Reported yield 55 gal/min.
* 104	U.S. Army Corps of Engineers	Ward and Ward Drilling Co.	1959	177	4	177	Kgw	570	--	--	S, E 1	P	Pump set at 120 ft. Reported yield 18 gal/min.

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-08-105	U.S. Army Corps of Engineers	Watts Drilling Co.	1962	170	4	--	Kgw	550	--	--	S, E 1	P	Pump set at 120 ft. Reported yield 18 gal/min.
* 106	do	Pierce Pump Co.	1961	145	4	--	Kgw	565	--	--	S, E 1	P	Pump set at 100 ft. Reported yield 21 gal/min. <u>1</u>
* 107	do	do	1961	195	4	--	Kgw	570	--	--	S, E 1	P	Pump set at 140 ft. Reported yield 23 gal/min. <u>1</u>
* 108	do	do	1963	70	4	--	Kgw	562	34	Mar. 25, 1963	S, E 1/2	P	Reported yield 30 gal/min.
110	Grapevine Lake Estates	J. L. Myers Sons	1964	1,654	7	1,653	Kctm	590	435	Feb. 1964	S, E	P	Cemented to bottom. Gun perforated from 1,586-1,595 and 1,604-1,626 ft. Drawdown 60 ft pumping 105 gal/min when drilled. <u>1</u>
111	Double Jay Enterprises	do	1968	820	5 2	760 820	Kcpa	583	385	Apr. 1968	S, E 2	P	Screened from 760-788 ft. Gravel packed. Pump set at 555 ft. <u>1</u>
112	-- Ferguson	E. C. Stone Water Well Drilling Co.	1966	134	4	134	Kgw	575	40	Aug. 19, 1966	S, E 1 1/2	Irr	Slotted from 95-130 ft. Drawdown 50 ft pumping 25 gal/min when drilled. Reported high iron content. <u>1</u>
* 113	Grapevine Lake Estates	J. L. Myers Sons	1963	787	4	700	Kcpa	590	--	--	S, E	P	--
* 114	do	do	1951	784	4	--	Kcpa	580	198.9	Sept. 13, 1954	S, E	P	Well not in use when visited in 1954. Put into operation in early 1960's.
* 201	U.S. Army Corps of Engineers	--	1961	238	4	--	Kgw	555	72	May 30, 1961	S, E 1	P	Pump set at 190 ft. Reported yield 17 gal/min. Pumping level 112 ft at 50 gal/min when drilled. <u>1</u>
* 202	do	Watts Drilling Co.	1968	200	4 3	102 200	Kgw	580	63	Sept. 16, 1968	S, E 1	P	Screened. Pump set at 120 ft. Reported yield 18 gal/min. <u>1</u> <u>2</u>
401	American Petrofina	Ward and Ward Drilling Co.	1962	749	4	734	Kcpa	605	370 500	Oct. 1962 1972	S, E 3	Ind	Cemented to 734 ft. Open hole from 734-749 ft. Pump set at 604 ft. Drawdown 40 ft pumping 15 gal/min when drilled. <u>1</u>
* 501	City of Grapevine	J. L. Myers Sons	1949	1,810	16 10 7 5	230 714 1,669 1,810	Kctm	640	251	July 1949	T, E 75	N	Cemented to 230 ft. Pumping level 400 ft at 305 gal/min in July 1953. Pumps sand and will be abandoned in 1975. <u>1</u> <u>2</u>
* 502	do	Q. D. Lewis	1925	700	12 10 8	--	Kcpa	645	--	--	N	N	Measured yield 90 gal/min in Aug. 1953. Plugged. Temp. 81°F.
* 503	do	J. L. Myers Sons	1938	1,790	12 10 8	--	Kctm	645	150 229 398.4	1938 1946 Dec. 3, 1954	N	N	Measured yield 145 gal/min in Aug. 1953. Drawdown 12 ft at 50 gal/min on Dec. 3, 1954. Plugged. Temp. 91°F.
* 504	U.S. Army Corps of Engineers	Watts Drilling Co.	1962	187	4	--	Kgw	555	--	--	S, E 1	P	Pump set at 140 ft. Reported yield 15 gal/min.
* 505	do	do	1968	197	4 3	176 190	Kgw	550	38	Sept. 21, 1968	S, E 1	P	Cemented to 176 ft. Screened from 170-190 ft. Pump set at 105 ft. Reported yield 27 gal/min. Drawdown 8 ft at 10 gal/min when drilled. <u>1</u> <u>2</u>
506	Silver Lake Farm	J. L. Myers Sons	1969	984	8 5	26 984	Kcpa	580	415	Jan. 4, 1969	S, E 1 1/2	Ind	Cemented to bottom. Gun perforated from 930-940 ft. Pump set at 570 ft. <u>1</u> <u>2</u>
507	Spencer Construction Co.	C. M. Stoner Drilling Co.	1971	340	7	340	Kgw	580	125	Apr. 15, 1971	S, E 25	Ind	Slotted opposite sands. Gravel packed. Pump set at 280 ft. Reported yield 100 gal/min. <u>1</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-08-508	Virgil Williams	E. C. Stone Water Well Drilling Co.	1966	138	4	136	Kgw	582	--	--	S, E 1	D	Cemented to bottom. Gun perforated from 49-51; 56-59; and 106-122 ft. <u>1/2</u>
* 701	City of Grapevine	McKee Drilling Co.	--	750	8 7	140 720	Kcpa	600	--	--	S, E 5	P	Cemented to 720 ft. Open hole from 720-750 ft. Pump set at 651 ft.
702	Leonard Hall	B and B Drilling Co.	1954	209	6	--	Kgw	575	26.9	Dec. 12, 1954	N	Irr	Pumping level 58.2 ft at 35 gal/min on Dec. 22, 1954.
* 703	Robert Crews	Ticknor Drilling Service	1971	105	4	105	Kgw	635	40	May 16, 1971	S, E 1	Irr	Perforated from 80-105 ft. Gravel packed. Pump set at 84 ft. Drawdown 40 ft pumping 45 gal/min when drilled. <u>1/2</u>
* 704	J. J. Hall	do	1967	110	6	110	Kgw	610	--	--	S, E 1	Irr	Perforated from 42-105 ft. Gravel packed. Pump set at 84 ft. Tested at 60 gal/min. Reported yield 25 gal/min. <u>1/2</u>
* 705	do	do	1967	110	7	110	Kgw	620	30	Feb. 16, 1967	S, E 2	Irr	Torch slotted. Gravel packed. Reported yield 45 gal/min. <u>1/2</u>
706	John Addy	do	1969	210	4	210	Kgw	590	90	Jan. 25, 1969	S, E 3/4	D	Cemented to bottom. Gun perforated from 173-183 and 199-205 ft. Pump set at 126 ft. <u>1/2</u>
707	Leon Smith	Geyer Drilling Co.	1973	600	4	240	Kgw	645	50	July 25, 1973	S, E	Irr	Perforated from 210-235 ft. Gravel packed. Pump set at 210 ft. Drawdown 20 ft pumping 70 gal/min when drilled. High iron content reported. Plugged back to 240 ft. <u>1/2</u>
708	do	do	1974	859	7 4	245 860	Kcpa	655	636	May 1, 1974	S, E	D	Cemented to bottom. Jet perforated from 808-813; 818-825; and 854-858 ft. Pump set at 665 ft. Drawdown 10 ft pumping 15 gal/min when drilled. Originally drilled to 245 ft but too much iron content. <u>1/2</u>
801	Roy Sims	J. L. Myers Sons	1950	788	4	788	Kcpa	590	236.8 315.5	Mar. 8, 1954 July 23, 1957	C, E	D, S	Perforated from 756-778 ft. <u>3/4</u>
12-301	Thurman Water Co.	Ward and Ward Drilling Co.	1969	495	7 4	110 470	Kctm	720	--	--	S, E 2	P	Cemented to 470 ft. Gun perforated and open hole completion. <u>1/2</u>
302	do	R. D. Caraway	1972	560	4	560	Kctm	770	460	Apr. 12, 1972	S, E 5	P	Cemented to 300 ft. Perforated from 300-560 ft. Gravel packed. <u>1/2</u>
* 501	Mrs. Jessie Shaw	Thomas Shaw	1942	105	--	--	Kcpa	760	65.1 65.3	Feb. 12, 1971 Dec. 3, 1975	S, E 1	D, S	<u>3/4</u>
* 601	Western Oaks Mobile Home Park	Watts Drilling Co.	1969	260	6	260	Kcpa	720	160	Apr. 1969	S, E 3	P	Cemented to 110 ft. Slotted. Gravel packed. Pump set at 200 ft. Reported yield 45 gal/min. <u>1/2</u>
602	Harston Gravel Co.	Millican Well Service	1976	211	4	211	Kcpa	705	59	Dec. 2, 1976	S, E 1	Ind	Cemented to 50 ft. Perforated from 71-211 ft. Gravel packed. <u>1/2</u>
603	do	Watts Drilling Co.	1977	568	8	564	Kctm	680	375 425.0	Dec. 1977 Apr. 27, 1978	S, E 30	Ind	Cemented to 430 ft. Gun perforated from 380-420 and slotted from 480-564 ft. Pump set at 525 ft. Drawdown 90 ft pumping 65 gal/min. <u>1/2</u>
901	Carswell Air Force Base	--	1948	220	--	--	Kcpa	740	--	--	T, E 5	P	Drawdown 79 ft pumping 45 gal/min in Aug. 1975.
* 902	do	--	1948	220	--	--	Kcpa	740	--	--	S, E 5	P	Drawdown 76 ft pumping 35 gal/min in Aug. 1975.
* 903	S and W Water Co.	Watts Drilling Co.	1967	796	6	754	Kctm	875	--	--	S, E 15	P	Cemented to 754 ft. Slotted from 750-770 ft. Pump set at 650 ft. Reported yield 70 gal/min. <u>1/2</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-12-904	S and W Water Co.	Watts Drilling Co.	1961	338	--	--	Kepa	875	--	--	S, E 2	P	--
* 905	do	do	1967	320	6	320	Kepa	820	200	Mar. 1967	S, E 5	P	Cemented to 162 ft. Slotted. Pump set at 294 ft. Reported yield 40 gal/min. <u>1</u>
* 13-101	City of Fort Worth	Henry C. Millican	1968	179	10 6	55 100	Kepa	650	26	Dec. 16, 1968	S, E	P	Cemented to 55 ft. Screened from 55-80 ft. Underreamed. Gravel packed. Drawdown 40 ft pumping 25 gal/min when drilled. <u>1</u>
102	R. E. Hardwicke Interpretive Center	Charles Masters Drilling Co.	1975	200	--	--	Kepa	680	--	--	S, E 3/4	P	--
* 103	Twin Points Resort	Reid Pump Sales and Service	1962	515	4	515	Kctm	690	--	--	S, E 2	P	Cemented to 435 ft. Slotted from 470-510 ft. Pump set at 462 ft. <u>1</u>
104	Tarrant Utility Co.	--	1935	330	6 4	-- --	Kepa	730	48.5 45	Nov. 2, 1950 Apr. 1955	N	N	Pumping level 110 ft on Nov. 2, 1950 and 175 ft at 6 gal/min in Apr. 1955.
301	Lake Crest Estates	Whitefield Drilling Contractor	1949	373	7 5	320 373	Kepa	823	200	1949	C, E 2	D, S, P	Perforated from 370-373 ft. Pump set at 310 ft. Reported yield 75 gal/min.
302	H. O. Carpenter	E. C. Stone Water Well Drilling Co.	1970	373	4	373	Kepa	790	270	Aug. 17, 1970	S, E	D	Cemented to bottom. Gun perforated from 322-326 and 362-366 ft. Pump set at 357 ft. Drawdown 30 ft pumping 12 gal/min when drilled. <u>1</u> <u>2</u>
* 401	City of Lakeside	Henry C. Millican	--	120	10	120	Kepa	625	--	--	T, E 10	P	Screened. Gravel packed. Pump set at 78 ft. Measured yield 98 gal/min on Sept. 5, 1975. Temp. 68°F.
* 402	do	do	1953	826	10 8	610 660	Kctm	625	319.7 542.0	Nov. 30, 1954 Dec. 16, 1976	T, E 30	P	Screened from 610-650 ft. Pump set at 600 ft. Reported yield 85 gal/min in 1975. Pumping level 603.0 ft on Dec. 15, 1976. Temp. 75°F.
* 403	do	do	--	80	10 8	-- 80	Kepa	600	14.2	Dec. 16, 1976	T, E 5	P	Screened. Gravel packed. Pump set at 78 ft. Reported yield 70 gal/min in 1975.
* 404	do	do	--	80	10 8	-- --	Kepa	600	24.0	Dec. 15, 1976	T, E 5	P	Screened. Gravel packed. Measured yield 60 gal/min on Sept. 5, 1975.
* 405	do	Watts Drilling Co.	1973	180	10 6	65 180	Kepa	630	35	Apr. 3, 1973	T, E 5	P	Cemented to 65 ft. Screened from 98-100 and 140-161 ft. Pump set at 165 ft. Reported yield 30 gal/min in 1975. Pumping level 130 ft at 50 gal/min when drilled. <u>1</u> <u>2</u>
* 501	City of Lake Worth	J. L. Myers Sons	1954	275	10 8	165 275	Kepa	668	49.3 148.3	June 10, 1954 Dec. 15, 1976	T, E 10	P	Screened from 170-195 ft and 215-260 ft. Reported yield 125 gal/min. Drawdown 134 ft pumping 110 gal/min on June 15, 1954. <u>1</u>
* 502	do	do	1952	934	10 8	760 820	Kctm	668	406 642.0 672.0	Feb. 1952 May 26, 1971 Dec. 15, 1976	S, E 30	P	Screened from 760-810 ft. Plugged back to 810 ft. Pump set at 784 ft. Reported yield 100 gal/min in 1971. <u>1</u>
503	Woodvale Water Co.	H. E. Turbeville Water Well Contractor	1971	238	4	238	Kepa	640	60	May 18, 1971	S, E	P	Cemented to bottom. Jet perforated from 160-168 ft. Reported yield 30 gal/min. <u>1</u>
601	City of Sanson Park	Layne-Texas Co.	1948	1,044	8 6 3	579 928 967	Kctm	760	518.5 639.8 693.8 763.2	Apr. 16, 1951 Mar. 11, 1958 May 3, 1965 Dec. 8, 1975	N	N	Cemented to 928 ft. Mill slotted screen from 924-965 ft. Gravel packed. Reported yield 25 gal/min. Well abandoned due to weak supply. <u>1</u> <u>2</u> <u>3</u>
602	City of Lake Worth	Watts Drilling Co.	1953	347	8 6	-- 347	Kepa	750	--	--	N	N	Screened from 320-347 ft. Plugged.

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-13-603	City of Lake Worth	Henry C. Millican	1960	395	10 7	280 395	Kcpa	750	251	1960	T, E 15	P	Screened from 270-325 and 340-390 ft. Pump set at 350 ft. Reported yield 130 gal/min. <u>1</u>
* 604	City of Sansom Park	do	1956	363	10 8	271 363	Kcpa	715	235	Mar. 28, 1956	T, E 30	P	Cemented to 271 ft. Screened from 271-310 and 335-355 ft. Drawdown 50 ft pumping 200 gal/min when drilled. <u>1</u> <u>2</u>
605	do	H. E. Turbeville Water Well Contractor	1970	347	6	347	Kcpa	710	225	Apr. 15, 1970	T, E 25	P	Cemented to 200 ft. Perforated from 230-295 and 327-340 ft. Gravel packed. Pump set at 320 ft. <u>1</u>
606	do	Henry C. Millican	1951	356	8 7	300 356	Kcpa	755	250	May 1951	N	N	Screened a total of 31 ft. Measured yield 23 gal/min on Dec. 5, 1952. Plugged. <u>1</u>
607	do	J. L. Myers Sons	1951	998	--	--	Kctm	750	--	--	N	N	Test hole. <u>1</u> <u>2</u>
* 608	do	Henry C. Millican	1952	385	8 7	293 385	Kcpa	750	259 255.9	June Nov. 10, 1954	T, E 25	P	Slotted from 290-318; 328-341; and 362-382 ft. Measured yield 48 gal/min on Dec. 3, 1952. <u>1</u>
609	do	do	1938	345	8 7	-- 345	Kcpa	760	218	1938	N	N	Plugged in 1947.
* 610	do	do	1949	339	8 7	300 335	Kcpa	760	248	1949	T, E 20	P	Cemented to 300 ft. Slotted from 295-335 ft. Pump set at 300 ft. <u>1</u>
* 611	do	do	1948	335	10 7	300 335	Kcpa	760	239	1948	T, E 15	P	Screened from 300-335 ft. Temp. 72°F.
612	do	do	1947	366	--	--	Kcpa	730	--	--	N	N	Plugged.
613	do	Jones Drilling Co.	1955	364	7 6	-- 364	Kcpa	730	265	Jan. 1955	T, E 7 1/2	P	--
701	City of White Settlement	Watts Drilling Co.	1946	210	10 8	-- 210	Kcpa	705	112.3 134.4	Feb. 9, 1954 Mar. 24, 1954	N	N	Measured yield 100 gal/min on Mar. 24, 1954. Plugged.
* 702	do	do	1950	201	10 8	165 201	Kcpa	665	89.7 94.7 106.0	Jan. 3, 1951 Nov. 10, 1954 May 10, 1976	T, E 5	P	Deepened from 160 ft in 1957. Slotted from 180-200 ft. Gravel packed. Reported yield 90 gal/min. <u>1</u> <u>2</u>
* 703	do	T. J. Millican	1945		10 8 7	-- -- --	Kcpa	703	123.1 153.6	Feb. 9, 1954 Mar. 24, 1954	T, E 15	P	Pump set at 210 ft. Measured yield 53 gal/min in Apr. 1975. Drawdown 30 ft pumping 100 gal/min on Mar. 24, 1954. <u>1</u>
* 704	do	Watts Drilling Co.	1950	168	13 10	-- --	Kcpa	665	103 95.8 102	July 1950 Feb. 4, 1954 June 1955	N	N	Plugged.
705	do	do	1951	311	10 8	-- --	Kcpa	665	105	June 1953	N	N	Deepened from 205 ft in May 1953. Plugged.
* 706	do	do	1965	720	8	720	Kctm	690	372	Apr. 1965	S, E 25	P	Cemented to 662 ft. Perforated from 565-600 ft. and slotted from 665-680 ft. Pump set at 610 ft. Measured yield 80 gal/min in Apr. 1975. Deepened 305 ft. <u>1</u>
* 707	do	W and W Drilling Co.	1966	305	8 6	210 305	Kcpa	690	131 189.0	Mar. 1966 Aug. 3, 1976	S, E 7 1/2	P	Cemented to 175 ft. Perforated from 175-305 ft. Pump set at 275 ft. Measured yield 75 gal/min in Apr. 1975. Drawdown 47 ft pumping 120 gal/min when drilled. <u>1</u>
708	do	J. L. Myers Sons	--	175	7	175	Kcpa	655	--	--	J, E 5	P	Measured yield 28 gal/min. To be deepened in future.

See footnotes at end of table.



## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-13-709	Bud Crow	Watts Drilling Co.	1965	225	4	225	Kcpa	684	120	Mar. 1965	S, E 3	Ind	Cemented from 135-225 ft. Slotted. Pump set at 189 ft. Reported yield 20 gal/min. <u>1</u>
* 710	Carswell Air Force Base	Milner Supply Co.	1951	235	6	235	Kcpa	665	77	Sept. 1951	S, E 5	P	Drawdown 67 ft pumping 30 gal/min in Aug. 1975. Temp. 20°C.
711	S and W Water Co.	Watts Drilling Co.	1974	380	5	380	Kcpa	857	260	July 24, 1974	S, E 5	P	Cemented to 310 ft. Slotted from 310-370 ft. Pump set at 315 ft. Drawdown 10 ft pumping 30 gal/min when drilled. <u>1</u>
712	do	do	1977	210	8	210	Kcpa	800	150 166.9	July 1977 Apr. 17, 1978	S, E 7 1/2	P	Slotted. Pump set at 200 ft. Drawdown 50 feet pumping 35 gal/min when drilled. <u>1</u>
* 801	City of White Settlement	J. L. Myers Sons	1943	282	8 7	212 282	Kcpa	668	110 185.0	Aug. 20, 1943 Dec. 16, 1976	S, E 5	P	Cemented to 212 ft. Perforated from 212-242 ft. Pump set at 270 ft. Measured yield 46 gal/min on Apr. 23, 1975. Temp. 70°F. <u>1</u>
* 802	do	do	1943	1,352	10 5	618 870	Kctm	668	350 518 535.0	Mar. 1954 Dec. 22, 1976	T, E 20	P	Plugged back to 941 ft. Gravel packed. Pump set at 470 ft. Reported yield 265 gal/min in Mar. 1954. Temp. 76°F. <u>1</u> <u>2</u>
* 803	do	Watts Drilling Co.	1965	195	7	195	Kcpa	640	83	Feb. 1965	T, E 10	P	Cemented to 85 ft. Slotted. Pump set at 165 ft. Measured yield 45 gal/min in Apr. 1975. Well tested at 65 gal/min when drilled. <u>1</u>
* 804	do	Henry C. Millican	1955	232	10 8	108 206	Kcpa	655	92	Apr. 1955	T, E 10	P	Cemented to 108 ft. Screened from 108-163 and 191-200 ft. Gravel packed from 206-232 ft. Reported yield 125 gal/min.
805	do	Q. D. Lewis	1943	300	--	--	Kcpa	680	--	--	N	N	Plugged.
* 806	do	do	1943	275	--	--	Kcpa	680	217 230	Apr. 1949 June 1955	N	N	Do.
807	General Dynamics	Layne-Texas Co.	1943	810	12 6	540 810	Kctm	654	264 420 380.2	Sept. 1943 Sept. 1952 Feb. 15, 1954	N	N	Screened from 561-619; 679-699; 714-741; and 749-794 ft. Drawdown 163 ft pumping 572 gal/min when drilled. Plugged. Temp. 72°F. <u>1</u> <u>2</u>
901	Carswell Air Force Base	Watts Drilling Co.	1949	170	10 8	-- --	Kcpa	610	61.5 62.5 60.8 61.8	Apr. 8, 1954 Sept. 14, 1954 Jan. 26, 1955 May 9, 1955	N	N	Measured yield 60 gal/min on May 24, 1955. Plugged. <u>1</u>
* 902	Texas Water Co.	Henry C. Millican	1946	834	10 8 7	504 768 834	Kctm	610	329 386.5	Jan. 20, 1948 June 8, 1954	N	N	Screened from 768-834 ft. Reported yield 250 gal/min. Plugged. <u>1</u> <u>2</u>
* 903	do	do	1946	320	10 8	-- --	Kcpa	610	140 154.3	Sept. 1946 Jan. 5, 1955	N	N	Reported yield 83 gal/min on Dec. 3, 1949, and 40 gal/min on Nov. 10, 1954. Destroyed.
904	do	--	1944	256	10 8	-- --	Kcpa	610	141 151.5	Sept. 1946 Nov. 10, 1954	N	N	Reported yield 65 gal/min in Nov. 1954. Destroyed.
905	Worth Water Co.	Fort Worth Drilling Co.	1944	985	8 6	-- --	Kctm	700	450	1944	N	N	Destroyed. <u>1</u>
906	do	Watts Drilling Co.	1944	340	--	--	Kcpa	700	217.7	Jan. 3, 1950	N	N	Destroyed.
907	City of Sansom Park	T. J. Millican	1942	330	8 7	-- --	Kcpa	720	--	--	T, E 15	P	Measured yield 84 gal/min on Mar. 13, 1947.
908	do	do	1943	963	8 7	-- --	Kctm	725	230 481.0	Jan. 1943 25, 1957	N	N	Abandoned in 1952.

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface datum (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-13-909	City of Sansom Park	Henry C. Millican	1952	376	8 7	-- --	Kcpa	725	248.7 251.0	Apr. 8, 1953 Nov. 10, 1954	T, E 15	P	Pump set at 310 ft.
* 910	Bob Minton	Ward and Ward Drilling Co.	1972	334	7	327	Kcpa	670	260	May 3, 1972	S, E 5	D	Cemented to bottom. Jet perforated from 304-310 and 320-325 ft. Pump set at 315 ft. <u>1</u> <u>2</u>
911	Russell Peek	Reid Pump Sales and Service	1968	200	8	200	Kcpa	570	--	--	N	N	Cemented to 135 ft. Slotted 20 ft. Well tested at 85 gal/min and pumped at 30 gal/min. Destroyed. <u>1</u>
912	do	H. E. Turbeville Water Well Contractor	1971	200	6	200	Kcpa	570	70	Oct. 16, 1971	S, E 10	P	Cemented to 100 ft. Perforated from 150-200 ft. Gravel packed. Pump set at 189 ft. <u>1</u>
913	Green Acres Mobile Home Park	Ticknor Drilling Service	1969	241	6	212	Kcpa	548	90	Nov. 26, 1969	S, E 3	P	Cemented to 212 ft. Gun perforated from 174-178; 190-194; and 201-208 ft. Drawdown 20 ft pumping 30 gal/min when drilled. <u>1</u> <u>2</u>
914	Texas Mobile Home Park	Watts Drilling Co.	1969	280	6	220	Kcpa	582	165	Mar. 1969	S, E 3	P	Cemented to 200 ft. Pump set at 215 ft. Reported yield 40 gal/min. <u>1</u>
* 915	Carswell Air Force Base	do	1945	173	10 8	-- --	Kcpa	610	54.5 54.4	Apr. 8, 1954 May 9, 1955	N	N	Destroyed. Temp. 65°F.
916	T. F. Page	Ticknor Drilling Service	1969	241	6	212	Kcpa	549	96	Nov. 20, 1969	S, E 5	P	Cemented to 212 ft. Gun perforated from 174-178; 190-194; and 201-208 ft. Pump set at 189 ft. Reported yield 30 gal/min. <u>1</u>
* 917	W. T. Casstevens	T. J. Millican	1947	395	7	395	Kcpa	570	257	Feb. 1947	T, E 7 1/2	P	--
* 14-101	Bell Helicopter	J. L. Myers Sons	1956	1,105	13 8	890 1,105	Kctm	698	593 614 660 677	Jan. 15, 1959 Apr. 22, 1960 Nov. 23, 1964 Aug. 11, 1965	T, E 125	Ind	Cemented to 890 ft. Screened from 899-923; 963-1,009; and 1,075-1,089 ft. Underreamed. Gravel packed. Pump set at 800 ft. Reported yield 170 gal/min. Measured yield 162 gal/min at 721 ft on May 21, 1965. <u>1</u> <u>2</u> <u>3</u>
* 102	City of Saginaw	do	1958	1,112	16 10	903 1,112	Kctm	730	625 704.0	Apr. 14, 1959 Jan. 27, 1977	S, E 100	P	Screened from 903-1,010 ft. Underreamed. Gravel packed. Pump set at 900 ft. Measured yield in 1975, 180 gal/min. Drawdown 135 ft pumping 270 gal/min when drilled. Cemented to 903 ft. <u>1</u> <u>2</u>
* 103	do	McKee Drilling Co.	1949	370	8	--	Kcpa	730	261.8 295	Feb. 18, 1954 June 21, 1975	T, E 15	P	Pump set at 345 ft. Drawdown 35 ft pumping 40 gal/min on June 21, 1975. Temp. 69°F. <u>1</u> <u>2</u>
104	Bell Helicopter	J. L. Myers Sons	1942	1,036	10 8	862 1,036	Kctm	700	661 777	Oct. 7, 1960 Oct. 3, 1969	T, E 50	N	Cemented to 862 ft. Perforated from 965-1,036 ft. Measured yield 140 gal/min in Apr. 1952, and 187 gal/min on June 9, 1954. <u>1</u> <u>2</u>
* 105	Saginaw Park Utility	do	1954	428	10 6	336 428	Kcpa	700	263.8	July 22, 1954	T, E 15	P	Cemented to 336 ft. Screened from 337-385 and 400-423 ft. Gravel packed. Pump set at 360 ft. Drawdown 60 ft pumping 90 gal/min when drilled. Pumping level 280.0 ft on Jan. 27, 1977. <u>1</u>
* 106	do	H. E. Turbeville Water Well Contractor	1962	430	--	--	Kcpa	670	--	--	T, E 20	P	--
* 107	do	J. L. Myers Sons	1973	1,105	12 8	958 1,103	Kctm	670	740 725.0	June 29, 1973 Jan. 27, 1977	S, E	P	Cemented to 958 ft. Screened from 958-978; 983-1,008; 1,013-1,038; and 1,046-1,054 ft. Underreamed. Gravel packed. Pump set at 890 ft. Reported yield 200 gal/min in 1975. Pumping level 810 ft at 215 gal/min when drilled. <u>1</u> <u>2</u>
* 108	Burrus Mill	Layne-Texas Co.	1935	1,049	10 8 6	467 970 1,046	Kctm	715	313	Sept. 12, 1935	S, E 60	Ind	Slotted from 945-1,022 ft. Reported yield 150 gal/min. Pumping level 355 ft at 152 gal/min when drilled. <u>1</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-14-109	Burrus Mill	J. L. Myers Sons	1945	1,030	10	--	Kctm	715	411.5 461 498.0 628.0	June 14, 1949 Nov. 1952 July 23, 1954 Apr. 5, 1963	S, E 110	Ind	Measured yield 250 gal/min on Nov. 8, 1952. Pumping level 698 ft on Apr. 5, 1963. <u>2</u>
* 110	City of Saginaw	J. L. Myers Co.	1976	1,041	16 10	876 1,038	Kctm	750	744 807.0	Mar. 16, 1976 Jan. 27, 1977	S, E 100	P	Cemented to 876 ft. Screened from 876-892; 904-916; 932-942; and 954-1,016 ft. Underreamed. Gravel packed. Drawdown 162 ft pumping 250 gal/min when drilled. Pump set at 997 ft. <u>1</u> <u>2</u>
* 111	do	do	1976	525	10 7	266 515	Kcpa	750	289 299.0	Mar. 15, 1976 Jan. 27, 1977	S, E 40	P	Cemented to 266 ft. Screened from 266-281; 326-368; 302-402; 410-415; 425-435; and 466-492 ft. Gravel packed. Pump set at 464 ft. Drawdown 42 ft pumping 100 gal/min when drilled.
301	P. L. Coupland	Milner Supply Co.	1951	500	4	500	Kcpa	625	260.6 309.7	Aug. 16, 1953 Apr. 6, 1955	C, E	D	Slotted from 471-498 ft. <u>1</u> <u>3</u>
* 302	Haltom City	Henry C. Millican	1966	573	10 7	430 573	Kcpa	580	360	June 10, 1966	T, E 20	N	Cemented to 430 ft. Screened from 430-493 and 525-568 ft. Underreamed. Gravel packed. Drawdown 140 ft pumping 80 gal/min when drilled. <u>1</u>
* 303	do	Katy Drilling, Inc.	1965	1,200	12 6	990 1,175	Kctm	580	845.0	Nov. 6, 1975	S, E 100	P	Cemented to 990 ft. Screened from 1,000-1,018; 1,036-1,046; and 1,070-1,170 ft. Underreamed. Gravel packed. Pumping level 717 ft at 383 gal/min when drilled. Pump set at 995 ft. <u>1</u> <u>2</u>
* 304	North Richland Hills	Henry C. Millican	1961	538	10 7	418 538	Kcpa	610	380 396.0	Sept. 18, 1961 Jan. 12, 1967	S, E 10	N	Cemented to 418 ft. Screened from 421-531 ft. Gravel packed. Pump set at 491 ft. Drawdown 70 ft pumping 80 gal/min when drilled. <u>1</u>
401	Arco Refining Co.	Q. D. Lewis	1912	1,053	10 8	957 1,053	Kctm	680	226.0 525.6	Jan. 1, 1912 Mar. 11, 1958	N	N	Perforated from 957-1,053 ft. <u>3</u>
402	General Portland, Inc.	do	1936	1,060	12	--	Kctm	626	212 254.0 268.0 260.9	1936 Jan. 1952 Nov. 1953 Mar. 5, 1954	N	N	Measured yield 359 gal/min on Nov. 20, 1953. Pumping level 268.4 ft at 225 gal/min on Mar. 5, 1954. Plugged.
403	Civil Aeronautics Administration	do	1921	400	--	--	Kcpa	670	267.8 281.2	Oct. 18, 1950 Apr. 6, 1955	N	N	<u>3</u>
* 404	do	do	1918	1,060	18 12	-- --	Kctm	663	215 278.7	1921 Dec. 16, 1953	N	N	Reported yield 40 gal/min. <u>1</u> <u>3</u>
* 405	do	do	1918	1,055	18 10 8	390 917 1,055	Kctm	663	267 268 269.3 335.9	Aug. 27, 1924 Aug. 27, 1936 Aug. 16, 1950 May 4, 1954	N	N	Reported yield 88 gal/min. Perforated from 927-1,047 ft. <u>3</u>
* 406	Arco Refining Co.	do	1912	1,035	10 8	946 1,030	Kctm	670	207 400	1912 June 1949	N	N	Reported yield 292 gal/min. Perforated from 946-1,035 ft. Destroyed. Temp. 80°F. <u>1</u>
407	do	do	1912	1,032	10 8	957 1,032	Kctm	670	225	1912	N	N	Perforated from 857-1,032 ft. Abandoned in 1954.
408	Estes Packing Co.	J. C. Hall	1943	325	7	--	Kcpa	655	--	--	N	N	Reported yield 45 gal/min in Mar. 1945, and 20 gal/min in Jan. 1955. Plugged.
* 409	do	Henry C. Millican	1955	1,024	10 8	506 932 1,024	Kctm	640	553	Mar. 24, 1955	S, E 40	Ind	Cemented to 932 ft. Screened from 936-950; 957-986; 995-1,006; and 1,010-1,017 ft. Pump set at 975 ft. Reported yield 130 gal/min. Temp. 77°F. <u>1</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-14-410	Estes Packing Co.	Ward and Ward Drilling Co.	1962	342	8	332	Kcpa	655	267	Dec. 9, 1962	T, E 10	Ind	Cemented to 332 ft and open hole from 332-342 ft. Reported yield 25 gal/min. Temp. 72°F. <u>1</u>
411	Laughlin Enterprises	do	1965	318	8	300	Kcpa	630	--	--	T, E 10	Ind	Cemented to 300 ft and open hole from 300-318 ft. <u>1</u>
412	do	Teague Drilling Co.	1949	330	7	--	Kcpa	630	--	--	T, E 7 1/2	Ind	--
413	General Portland, Inc.	T. J. Millican	1948	350	10 8	-- --	Kcpa	625	248 253.4 262.4	Aug. 1948 Dec. 16, 1953 Mar. 8, 1954	N	N	Measured yield 43 gal/min on Nov. 20, 1953. <u>1</u>
414	do	Layne-Texas Co.	1956	985	8	350	Kcpa	630	226	Sept. 12, 1963	T, E 25	Ind	Screened from 270-345 ft. Gravel packed. Plugged back to 350 ft. Pump set at 330 ft. Reported yield 100 gal/min. Test yield by driller in 1963 was 128 gal/min. <u>1</u>
* 415	do	do	1956	961	12	961	Kcpa, Kctm	610	518 580.0	Oct. 13, 1956 Jan. 28, 1971	T, E 150	Ind	Cemented to 235 ft. Screened from 363-388; 650-670; 680-695; 710-735; 755-785; 845-895; and 910-925 ft. Underreamed. Gravel packed. Pump set at 760 ft. Reported yield 350 gal/min in 1975. Drawdown 110 ft pumping 448 gal/min when drilled. <u>1</u> <u>2</u>
416	Miller Wrecking Co.	Q. D. Lewis	1925	1,010	12 8	-- --	Kctm	595	303	1935	N	N	Destroyed in 1953. <u>1</u>
417	do	J. L. Myers Sons	1954	1,043	13 6	-- --	Kctm	595	593.2	Sept. 22, 1954	N	N	Drawdown 166 ft pumping 360 gal/min on Sept. 20, 1954. <u>2</u>
* 501	Magnolia Petroleum Co.	Layne-Texas Co.	1950	1,117	14 10	950 1,117	Kctm	615	462 540.6	May 27, 1950 June 27, 1953	T, E 60	N	Cemented to 950 ft. Screened from 953-975; 990-1,003; 1,015-1,022; and 1,031-1,094 ft. Measured yield 430 gal/min on Oct. 6, 1954. Pumping level 553 ft at 320 gal/min when drilled. Temp. 81°F. <u>1</u>
* 502	do	do	1954	1,108	14 10	950 1,104	Kctm	610	545.3 764.7	Oct. 12, 1954 Apr. 7, 1969	N	N	Cemented to 950 ft. Screened from 950-980; 990-1,020; 1,030-1,070; and 1,080-1,100 ft. Measured yield 316 gal/min with drawdown of 99 ft. <u>1</u> <u>2</u> <u>3</u>
503	Southwest Refining Co.	Q. D. Lewis	--	1,084	12	--	Kctm	630	356.5 437.7	Apr. 10, 1942 Apr. 14, 1953	N	N	Plugged. <u>3</u>
504	Texas Water Co.	T. J. Millican	1943	1,100	12 10 8 7	-- -- -- --	Kctm	600	350 560.1	Oct. 1943 May 13, 1955	N	N	Reported yield 205 gal/min on Mar. 7, 1946 and 150 gal/min on June 8, 1956. <u>3</u>
* 505	do	McKee Drilling Co.	1944	877	12 10 8	-- -- --	Kcgr	600	345 486.5	Oct. 1944 Mar. 1, 1955	N	N	Measured yield 109 gal/min on Oct. 12, 1962. Pumping level 618.1 ft at 123 gal/min on Mar. 1, 1955. Temp. 71°F. <u>1</u> <u>3</u>
* 506	do	Henry C. Millican	1951	415	8 7	368 390	Kcpa	600	263 282.2 301.4	Oct. 8, 1951 Nov. 16, 1953 Nov. 29, 1954	N	N	Screened. Plugged back to 390 ft. Measured yield 40 gal/min on Oct. 12, 1962. Destroyed.
* 507	Stauffer Chemical Co.	Q. D. Lewis	1929	1,098	15 12 10	510 1,008 1,098	Kctm	630	399.0 562	Nov. 18, 1943 Oct. 4, 1954	S, E 75	Ind	Reworked to 1,084 ft on Oct. 10, 1963. Cemented to 510 ft. Screened from 997-1,054 ft. Underreamed. Gravel packed. Pump set at 955 ft. Drawdown 37 ft pumping 73 gal/min on Nov. 8, 1944. Pumping level 820 ft on Aug. 5, 1975. <u>1</u> <u>2</u> <u>3</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-14-508	Stauffer Chemical Co.	Q. D. Lewis	--	1,125	10	--	Kctm	625	464 497 551.6 542.3	June 1948 June 1951 June 25, 1953 Apr. 2, 1954	N	N	Measured yield 122 gal/min on Sept. 14, 1951, and 103 gal/min on Aug. 18, 1952. Temp. 79°F.
509	American Manufacturing Co.	--	1943	1,125	13 7	-- --	Kctm	610	360 558 586	Sept. 1943 June 1954 June 1955	T, E 75	N	Abandoned in 1967.
510	Winston Refining	Q. D. Lewis	--	480	--	--	Kcpa	605	285	Feb. 1955	T, E 10	N	--
511	do	do	1924	1,085	10 7	1,009 1,085	Kctm	605	286.9 785	July 1941 July 31, 1975	S, E 100	Ind	Measured depth 1,064 ft in 1971. Pump set at 897 ft. Reported yield 350 gal/min in 1953, and 260 gal/min in 1975. <u>1</u> <u>2</u>
512	International Mineral and Chemical Corp.	Henry C. Millican	1951	434	10 8	380 434	Kcpa	630	281	Sept. 1951	N	N	Screened from 379-388; 402-408; and 415-430 ft. Pumping level 385 ft at 60 gal/min when drilled.
* 513	Continental Grain Corp.	J. C. Hall	1949	389	6 4	-- --	Kcpa	645	--	--	N	N	Plugged.
514	do	Henry C. Millican	1964	424	4	424	Kcpa	645	305	Feb. 14, 1964	S, E 2	Ind	Torch slotted from 375-387 and 405-411 ft. Pump set at 390 ft. Reported yield 18 gal/min. <u>1</u>
* 515	Yance Christenson	Fort Worth Well Service	1976	440	4	440	Kcpa	585	360	Apr. 9, 1976	S, E 1 1/2	Irr	Cemented from 300-400 ft. Perforated. Pump set at 390 ft. Temp. 74°F. <u>1</u>
516	High Crest Water Co.	H. E. Turbeville	1948	401	6 5	400 --	Kcpa	625	273	Mar. 1948	N	N	Capped in 1961.
517	Melody Hills	Henry C. Millican	--	--	6	--	Kcpa	622	--	--	T, E 10	N	Owned by Tarrant Utility Co. Sold to Fort Worth and subsequently abandoned in 1967.
* 601	Haltom City	J. L. Myers Sons	1953	1,178	10 6	1,045 1,168	Kctm	610	487	June 2, 1953	N	N	Cemented to 1,045 ft. Screened from 1,078-1,145 ft. Drawdown 161 ft pumping 407 gal/min when drilled. <u>1</u> <u>2</u>
602	do	--	1941	480	10 8	432 480	Kcpa	595	228.1 274.1	Oct. 27, 1949 May 17, 1954	N	N	Measured yield 80 gal/min in Nov. 1953. <u>3</u>
* 603	do	Henry C. Millican	1951	385	8 7	322 385	Kcpa	530	191.0 243.7	Oct. 24, 1951 Nov. 2, 1954	N	N	Screened. Reported yield 50 gal/min. Plugged. <u>1</u> <u>3</u>
* 604	do	Layne-Texas Co.	1947	1,140	10 8	1,040 1,140	Kctm	530	295 417.0	Mar. 27, 1947 Jan. 25, 1954	S, E 100	P	Cemented to 1,040 ft. Screened from 1,040-1,131 ft. Pump set at ft. Drawdown 145 ft pumping 340 gal/min when drilled. Temp. 83°F. <u>1</u> <u>2</u> <u>3</u>
* 605	do	J. L. Myers Sons	1946	1,284	10 8	1,110 1,284	Kctm	595	492.8 840	May 17, 1954 Nov. 6, 1975	S, E 100	P	Cemented to 1,110 ft. Perforated from 1,102-1,188 ft. Pump set at 1,030 ft. Measured yield 112 gal/min in Nov. 1953. Drawdown 170 ft pumping 380 gal/min in 1953. Temp. 84°F. <u>1</u> <u>2</u> <u>3</u>
* 606	do	T. J. Millican	1943	482	10 6	-- --	Kcpa	595	262 430	May 19, 1943 Nov. 6, 1975	T, E 20	P	Screened. Drawdown 45 ft pumping 115 gal/min on Dec. 31, 1954. <u>3</u>
* 607	do	do	1947	390	8 7	-- --	Kcpa	530	180 218.7	Aug. 1947 Feb. 13, 1953	N	N	Plugged.
* 608	do	Henry C. Millican	1954	442	10 8	306 410	Kcpa	565	271.8 336.5 332.0	Sept. 1, 1954 Nov. 6, 1975 Nov. 4, 1977	T, E 20	P	Cemented to 70 ft. Screened from 306-339 and 371-388 ft. Gravel packed. Pump set at 400 ft. Reported yield 65 gal/min. Pumping level 328.7 ft at 100 gal/min on Aug. 31, 1954. <u>1</u> <u>2</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-14-609	Haltom City	Layne-Texas Co.	1954	1,130	13 6	954 1,130	Kctm	565	515.0 678.0	Dec. 18, 1954 Nov. 6, 1975	S, E 100	P	Cemented to 954 ft. Screened from 958-978; 988-998; and 1,020-1,090 ft. Underreamed. Gravel packed. Pump set at 782 ft. Drawdown 128 ft pumping 361 gal/min when drilled. Temp. 80°F. <u>1</u> <u>2</u>
* 610	do	Henry C. Millican	1955	455	10 8	422 425	Kcpa	510	284 337 333	July 23, 1957 Nov. 6, 1975 Nov. 4, 1977	T, E 25	P	Screened from 370-422 ft. Pump set at 422 ft. Drawdown 37 ft pumping 139 gal/min on Jan. 23, 1955, and 40 ft at 84 gal/min on Feb. 12, 1958. <u>3</u>
* 611	do	Texas Water Wells	1955	1,201	13 6	990 1,200	Kctm	510	431 841.0 805.0	Mar. 1955 Nov. 6, 1975 Nov. 4, 1977	S, E 100	P	Cemented to 990 ft. Screened from 995-1,030 and 1,080-1,170 ft. Gravel packed. Drawdown 189 ft pumping 553 gal/min when drilled. Pump set at 990 ft.
* 612	do	Henry C. Millican	1954	525	13 10 6	72 415 525	Kcpa	610	316 348.5 410	Oct. 18, 1954 Apr. 15, 1960 Nov. 4, 1977	T, E 20	P	Cemented to 415 ft. Deepened from 480 ft in 1959. Screened from 420-515 ft. Underreamed. Gravel packed. Pump set at 470 ft. Pumping level 427 ft at 107 gal/min on Oct. 18, 1954; 380.8 ft at 78 gal/min on Mar. 28, 1955; and 451.5 ft at 97 gal/min on Apr. 15, 1960. <u>1</u> <u>2</u> <u>3</u>
* 613	do	--	--	--	--	--	Kctm	620	--	--	S, E 125	P	Reported yield 400 gal/min. To be abandoned.
* 614	North Richland Hills	Henry C. Millican	1957	496	10 8	409 496	Kcpa	570	335	Jan. 2, 1957	T, E 20	P	Cemented to 409 ft. Screened from 409-459; 465-470; and 484-494 ft. Pump set at 450 ft. <u>1</u>
* 615	do	do	1957	454	10 8	361 454	Kcpa	510	286 332.0	Jan. 22, 1957 May 25, 1961	S, E 10	P	Cemented to 361 ft. Screened from 361-399 and 420-452 ft. Pump set at 441 ft. Pumping level 419 ft at 53 gal/min when drilled. <u>1</u>
701	Texas Electric Service	H. P. Nichols	1911	969	10 8 6 5	504 600 867 964	Kctm	515	175 326.0 428.0 497.3 488.6	June 1912 July 21, 1944 Mar. 13, 1952 Dec. 3, 1953 Aug. 4, 1954	N	N	Slotted from 867-964 ft. Measured yield 247 gal/min on Dec. 3, 1953; 146 gal/min on Oct. 1, 1925; and 150 gal/min on Oct. 2, 1945. Reworked on Oct. 2, 1945 to 964 ft. Well is now in channel of Trinity River. Temp. 75°F. <u>1</u>
702	do	do	1911	969	10 8 6 5	504 584 855 952	Kctm	525	462.6 534.0	Nov. 24, 1953 Aug. 12, 1954	N	N	Reworked to 952 ft. Slotted from 855-952 ft. Measured yield 265 gal/min on Aug. 10, 1954. <u>1</u>
* 703	Rosenthal Packing Co.	--	--	39	--	--	Qal	530	5.2	Dec. 18, 1950	N	N	Drawdown 11.7 ft pumping 80 gal/min on Dec. 18, 1950. Temp. 65°F.
704	Armour and Co.	--	1902	728	6	--	Kctm	560	453.5 455.3	July 29, 1948 July 22, 1949	N	N	Drawdown 230 ft pumping 118 gal/min. One of seven wells abandoned in 1929. <u>3</u>
* 705	Texas Water Co.	Layne-Texas Co.	1943	1,000	10 8 6	-- -- --	Kctm	635	444.0 486.0	June 1949 Mar. 1953	N	N	Deepened from 755 ft in 1949. Plugged.
706	do	T. J. Millican	1943	306	8 6	-- --	Kcpa	635	240.6	Sept. 21, 1954	N	N	Measured yield 69 gal/min on Jan. 28, 1955. Plugged.
707	do	do	1943	750	10 8	-- --	Kctm	580	260 320 364	Sept. 1943 Sept. 1945 Dec. 1949	N	N	Reported yield 166 gal/min in Oct. 1948. Plugged. <u>1</u>
708	do	do	1941	254	8 7	-- --	Kcpa	580	173	July 1941	N	N	Measured yield 42 gal/min on Oct. 26, 1948. Plugged.

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-14-709	Swift and Co.	J. L. Myers Sons	1937	980	10	--	Kctm	550	--	--	N	N	Pumping level 670 ft at 199 gal/min in July 1954. <u>1</u>
* 710	do	do	1944	987	13 10 6	450 885 987	Kctm	550	520 528	Dec. 1948 Feb. 1952	N	N	Screened from 885-958 ft. Underreamed. Gravel packed. <u>1</u>
* 711	do	do	1954	973	18 13	885 973	Kctm	550	437 620.2 683.0	Feb. 15, 1954 May 22, 1954 Nov. 1954	N	N	Cemented to 885 ft. Screened from 885-973 ft. Gravel packed. Measured yield 354 gal/min on Dec. 1, 1954. Pumping level 609 ft at 50 gal/min when drilled and 812.2 ft on Dec. 1, 1954. Well deepened from 873 in May 1954. <u>1</u>
712	do	do	1954	981	18 13	847 981	Kctm	550	--	--	N	N	Screened from 847-958 ft. <u>1</u>
713	Medical Arts Building	--	1944	1,028	10	--	Kctm	610	384 418 470	Jan. 1944 Mar. 1946 Nov. 1948	N	N	Drawdown 53 ft pumping 100 gal/min in Jan. 1944.
* 714	Cascade Laundry	--	1928	850	6	725	Kctm	565	246 239.1	Oct. 6, 1950 Jan. 30, 1955	N	N	Reported yield 75 gal/min. Temp. 72°F. Plugged.
* 715	Kites Custom Cleaners	McKee Drilling Co.	1953	261	6	261	Kcpa	545	168.6	Feb. 7, 1954	T, E	Ind	--
716	Manhattan Cleaners	T. J. Millican	1948	309	5	309	Kcpa	545	210	1948	N	N	<u>1</u>
* 717	Clean Towel and Linen Service	Ward and Ward Drilling Co.	1964	351	8	351	Kcpa	540	220	June 22, 1964	S, E 10	Ind	Cemented to bottom and gun perforated. Pump set at 315 ft. Reported yield 60 gal/min. <u>1</u>
* 718	Fort Worth Laundry	Q. D. Lewis	1926	375	6	--	Kcpa	555	--	--	T, E 20	Ind	Gravel packed. Pump set at 290 ft. Reported yield 187 gal/min in 1951; 104 gal/min in 1961; and 90 gal/min in 1975.
719	Superior Laundry	do	1923	329	8	--	Kcpa	545	150 250	1939 1950	T, E 15	Ind	Pump set at 300 ft. Reported yield 80 gal/min in 1961.
720	Rosenthal Packing Co.	Teague Drilling Co.	1950	735	10 8 7	-- -- --	Kcpa	535	--	--	N	N	<u>1</u>
* 721	Gillam Soap Works	Henry C. Millican	1954	735	8 7 5	356 684 735	Kctm	540	399	July 1954	N	N	Perforated from 676-695 and 712-734 ft.
722	Armour and Company	Whitney Well Co.	1911	938	14 12	871 938	Kctm	560	315.5 350 323.9 385.8	Oct. 28, 1913 Nov. 5, 1923 Apr. 16, 1942 June 17, 1944	N	N	Perforated from 842-938 ft. Reported yield 550 gal/min. Drawdown 140 ft pumping 300 gal/min in 1911. Pumping level 475 ft at 429 gal/min on Nov. 6, 1925.
723	Sanitary Water Co.	--	--	350	6	300	Kcpa	560	--	--	T, E 7 1/2	Ind	Reported yield 40 gal/min.
724	Rockwood Motel	--	1939	210	7	210	Kcpa	570	40	Dec. 15, 1977	S, E 2	P	Slotted.
* 801	Texas Water Co.	T. J. Millican	1948	375	10 8 7	-- -- --	Kcpa	565	247 258.7 310.0	May 1948 Oct. 12, 1949 May 1952	T, E 20	N	--
802	Fort Worth and Denver Railroad	Q. D. Lewis	--	1,000	10 5	-- --	Kctm	600	323.6	Apr. 15, 1942 Mar. 22, 1954	N	N	<u>3</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-14-803	Bewley Mills	J. L. Myers Sons	1944	887	7 5	800 887	Kctm	600	405.4 452.0	Oct. 12, 1950 June 30, 1953	N	N	$\frac{1}{2}$ $\frac{3}{4}$
* 804	Texas Water Co.	Q. D. Lewis	1930	1,075	16 12 10 7	-- -- -- --	Kctm	565	359.0 408.3 496.0 537.2	Oct. 1944 Jan. 3, 1950 June 1953 July 28, 1954	T, E 100	N	--
805	do	Henry C. Millican	1949	434	8	--	Kcpa	610	367.7 301.2	Oct. 27, 1949 Mar. 2, 1955	N	N	Plugged.
806	do	T. J. Millican	1928	1,096	10 8 6	-- -- --	Kctm	610	331.5 596.6	Feb. 5, 1943 Nov. 12, 1954	N	N	Do.
* 807	Texas Electric Service	H. P. Nichols	1911	1,000	10 8 6 5	507 616 883 995	Kctm	530	392.7 443.6	Mar. 11, 1949 Nov. 30, 1953	N	N	Slotted from 883-995 ft. Reported yield 100 gal/min on Nov. 20, 1945. Abandoned in 1968. Temp. 75°F. $\frac{1}{2}$
* 808	Sheraton Hotel	Q. D. Lewis	1923	1,085	8	850	Kctm	608	280 450 513.5 825.0	1936 1949 Jan. 5, 1955 Aug. 1975	S, E 30	Ind	Measured yield 95 gal/min on Jan. 26, 1955; 115 gal/min on Oct. 4, 1950; 80 gal/min in 1960; and 90 gal/min in 1975.
* 809	Milner Hotel	do	1922	750	8	--	Kcgr	608	308.6 309.8	Oct. 3, 1949 Jan. 30, 1955	N	N	Reported yield 60 gal/min.
* 810	Continental Life Building	--	1922	466	10 8 6	326 386 466	Kcpa	612	268 272 307.0 328.0	1922 1940 Dec. 19, 1957 Nov. 15, 1969	T, E 10	Ind	Pump set at 360 ft. Measured yield 38 gal/min on Feb. 5, 1957. Cleaned out to 463 ft in 1969.
811	Blackstone Hotel	Q. D. Lewis	1929	1,087	10 6	1,075 1,087	Kctm	610	288 450 559.3	Feb. 1936 1950 July 26, 1954	S, E 22	N	Reported yield 85 gal/min in 1960. Well sanded up and not used since 1971.
812	Burke-Burnett Building	--	1915	1,080	8 7 5	-- 940 1,080	Kctm	615	482.9	Oct. 6, 1953	S, E 20	N	Pump set at 784 ft. Measured yield 82 gal/min on Nov. 4, 1953. Not used since 1970.
813	Westbrook Hotel	E. H. Richardson	1948	450	8	410	Kcpa	615	318.0	Nov. 10, 1954	T, E 15	Ind	Gravel packed.
814	W. T. Waggoner Building	--	1920	1,200	10	1,150	Kctm	615	320.6	Aug. 25, 1954	T, E 20	Ind	Gravel packed. Pump set at 880 ft. Reported yield 35 gal/min in 1960.
* 815	Fort Worth Club Building	Q. D. Lewis	1924	1,090	8	1,090	Kctm	615	320 539.3	Oct. 1939 Sept. 23, 1953	N	N	Plugged. Reported yield 75 gal/min.
816	Worth Hotel	--	1924	1,062	13 10 8	-- 810 1,062	Kctm	615	312.0 387.0 484.0 565.3	June 1939 Aug. 1943 Oct. 1950 July 21, 1955	T, E 75	N	Gravel packed. Reported yield 150 gal/min in 1955. Hotel destroyed but well still operable 20 ft under sidewalk manhole.
817	Fort Worth Star Telegram	H. E. Turbeville Water Well Contractor	1951	421	10 8	340 421	Kcpa	615	315	Apr. 1951	T, E 25	Ind	Pump set at 380 ft. Reported yield 50 gal/min in 1960. $\frac{2}{3}$
818	Neil P. Anderson Building	--	1923	450	8	378	Kcpa	615	295	June 1935	S, E 10	Ind	Gravel packed. Reported yield 35 gal/min in 1960.
* 819	King Candy Co.	H. E. Turbeville Water Well Contractor	1965	413	8 6	326 413	Kcpa	590	309	May 15, 1965	T, E 25	Ind	Comented to 326 ft. Slotted from 324-350 and 366-413 ft. Gravel packed. Pump set at 380 ft. Reported yield 50 gal/min in 1975. $\frac{1}{2}$

See footnotes at end of table.



## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-14-820	Leonards Department Store	Q. D. Lewis	1932	433	8	381	Kcpa	630	250 325	1932 1952	T, E 25	N	Reported yield 70 gal/min. Store out of business.
821	Century Building	Wallen Brothers	1942	420	4	380	Kcpa	608	315	1950	C, E 7 1/2	N	Pump set at 375 ft. Reported yield 15 gal/min. Abandoned in 1965.
* 901	Haltom City	J. L. Myers Sons	1950	1,160	10 8	1,035 1,120	Kctm	565	480 608	May 13, 1950 Mar. 20, 1961	N	N	Slotted from 1,030-1,115 ft. Underreamed. Gravel packed. Reported yield 115 gal/min. Drawdown 79 ft pumping 104 gal/min on Feb. 21, 1958. Plugged. <u>Y Z</u>
* 903	do	Henry C. Millican	1952	436	10 8 7	41 375 402	Kcpa	565	230 336 335.0	May 20, 1952 Nov. 6, 1975 Nov. 4, 1977	T, E 20	P	Slotted from 343-370 ft. Gravel packed. Pump set at 400 ft. Pumping level 339 ft at 44 gal/min in Sept. 1960. Temp. 78°F. <u>Y Z</u>
904	do	T. J. Millican	1935	425	10 8 7	-- -- --	Kcpa	563	250.5 253.3	Apr. 21, 1953 June 16, 1954	N	N	Plugged.
905	do	Henry C. Millican	1955	431	10 8	350 --	Kcpa	563	269.4	Jan. 7, 1955	T, E 20	N	Screened from 359-374 ft. Drawdown 89 ft pumping 47 gal/min when drilled.
* 906	Square Deal Iron and Metal Co.	C. L. Masters Drilling Co.	1969	525	4	415	Kcpa	520	350	Dec. 5, 1969	S, E 5	Ind	Cemented to 415 ft. Open hole completion. Pump set at 375 ft. <u>Y Z</u>
907	O. W. Sandige	--	1930	15	72	15	Qal	520	3.8	Nov. 30, 1953	C, G 100	S, Irr	Irrigated 10 acres. Water unfit for domestic use. Destroyed.
* 15-102	North Richland Hills	Texas Water Wells Inc.	1972	1,433	10 8	1,257 1,433	Kctm	680	825	May 1972	S, E 350	P	Cemented to 1,257 ft. Screened from 1,262-1,290 and 1,302-1,410 ft. Underreamed. Gravel packed. Pump set at 1,157 ft. Reported yield 457 gal/min. <u>Y Z</u>
* 103	do	Henry C. Millican	1959	721	12 10 8	107 593 721	Kcpa	680	511	July 22, 1959	S, E 20	P	Cemented to 593 ft. Screened from 594-615; 632-642; and 662-716 ft. Pumping level 571.5 ft on Jan. 4, 1977. <u>Y</u>
* 104	do	do	1961	700	13 10 7	86 572 700	Kcpa	660	520	May 19, 1961	S, E 20	P	Cemented to 572 ft. Screened from 575-619, 629-640; 643-676; and 680-692 ft. Gravel packed. Drawdown 55 ft pumping 164 gal/min when drilled. <u>Y</u>
* 105	do	do	1961	560	10 7	434 560	Kcpa	600	379	Apr. 25, 1961	S, E 15	P	Cemented to 434 ft. Screened from 434-471; 476-523; and 527-549 ft. Gravel packed. Drawdown 80 ft pumping 107 gal/min when drilled. <u>Y</u>
* 106	do	do	1963	610	10 7	500 610	Kcpa	597	459	June 11, 1963	S, E 15	P	Cemented to 500 ft. Screened from 500-534; 551-575; 583-590; and 596-605 ft. Underreamed. Gravel packed. Pump set at 564 ft. <u>Y</u>
* 107	do	do	1953	562	8 7	487 562	Kcpa	600	252 284.0	Mar. 19, 1953 Aug. 12, 1953	S, E 30	N	Screened from 487-512 and 517-562 ft. <u>Y</u>
* 108	do	do	1952	565	10 8 7	54 470 565	Kcpa	600	248 380	Aug. 23, 1952 Apr. 4, 1956	T, E 20	N	Cemented to 470 ft. Screened from 470-510 and 523-561 ft. Reported yield 110 gal/min. Deepened from 512 ft on Apr. 4, 1956. <u>Y</u>
* 109	do	Jones Drilling Co.	1952	660	8 6 5	460 606 660	Kcpa	600	450	June 4, 1960	T, E 15	N	Perforated from 585-607 ft and slotted from 601-660 ft. Deepened from 580 ft on June 4, 1960. Reported yield 52 gal/min. Temp. 76°F. <u>Y</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-15-201	City of Hurst	Texas Water Wells Inc.	1964	1,588	18 8	1,366 1,532	Kctm	665	658 858.0 813.0 940.0	Jan. 1964 Nov. 13, 1970 Feb. 19, 1971 Jan. 18, 1977	S, E 250	P	Cemented to 1,366 ft. Screened from 1,368-1,522 ft. Underreamed. Gravel packed. Pump set at 1,080 ft. Reported yield 500 gal/min. Drawdown 123 ft pumping 718 gal/min when drilled and pumping level 1,083 ft at 650 gal/min on Nov. 13, 1970. <u>1</u>
202	do	do	1964	710	10 7	600 710	Kepa	665	--	--	N	N	Cemented to 600 ft. Screened from 603-632; 642-654; and 670-703 ft. Underreamed. Gravel packed. Reported yield 120 gal/min. Pumping level 651 ft at 144 gal/min when drilled. <u>1</u>
* 203	North Richland Hills	do	1972	1,493	10 8	1,274 1,493	Kctm	670	781 1,030.8	May 1972 Jan. 4, 1977	S, E 350	P	Cemented to 1,274 ft. Screened from 1,278-1,315 and 1,336-1,446 ft. Underreamed. Gravel packed. Pump set at 1,174 ft. Drawdown 101 ft pumping 401 gal/min when drilled. <u>1</u>
* 204	do	Henry C. Millican	1960	695	13 10 8	96 624 695	Kepa	590	446	May 20, 1960	S, E 20	N	Cemented to 624 ft. Screened from 624-652 and 663-690 ft. Pump set at 663 ft. <u>1</u>
* 205	do	do	1958	665	10 8	489 665	Kepa	580	433	May 31, 1958	S, E 15	P	Cemented to 489 ft. Screened from 489-527; 569-610; and 629-655 ft. Pump set at 618 ft. <u>1</u>
* 206	do	do	1959	713	10 8	618 713	Kepa	610	456	June 30, 1959	S, E 15	P	Cemented to 618 ft. Screened from 618-647; 663-685; and 693-703 ft. Pump set at 693 ft. <u>1</u>
207	do	do	1961	682	13 10 8	97 538 682	Kepa	590	452	Apr. 17, 1961	N	N	Cemented to 538 ft. Screened from 538-558; 573-595; 620-640; and 650-677 ft. Gravel packed. Drawdown 141 ft pumping 101 gal/min when drilled. <u>1</u>
301	Variety Club Ranch	J. L. Myers Son	1949	1,657	8 7 5	720 1,510 1,657	Kctm	630	479.5	Sept. 17, 1954	T, E 15	N	Cemented to 1,510 ft. Perforated from 1,510-1,657 ft. <u>1</u> <u>2</u>
* 302	Bill Smith	--	1945	50	--	--	Kgw	620	33.8 35.9	Nov. 18, 1970 Nov. 25, 1975	J, E 1/2	D	<u>1</u>
* 303	City of Bedford	Texas Water Wells Inc.	1964	1,515	18 8	104 1,515	Kctm	550	--	--	S, E 300	P	Cemented to 104 ft. Screened from 1,320-1,340; 1,360-1,373; 1,386-1,410; and 1,426-1,510 ft. Underreamed. Gravel packed. <u>1</u>
* 304	do	Henry C. Millican	1962	740	10 7	649 740	Kepa	550	467	May 29, 1962	S, E 40	N	Cemented to 649 ft. Screened from 649-658 and 666-735 ft. Gravel packed. <u>1</u>
* 305	do	Texas Water Wells Inc.	1969	1,603	10 8	1,392 1,600	Kctm	620	850 1,000.0	May 1969 Jan. 18, 1977	T, E 300	P	Cemented to 1,398 ft. Screened from 1,404-1,440 and 1,488-1,595 ft. Underreamed. Gravel packed. Pump set at 1,250 ft. Pumping level 950 ft at 726 gal/min when drilled. <u>1</u> <u>2</u>
* 306	do	Henry C. Millican	1963	780	12 10 7	165 663 780	Kepa	610	567	Oct. 8, 1963	S, E 40	N	Cemented to 663 ft. Screened from 663-698; 705-717; and 725-775 ft. Underreamed. Gravel packed. <u>1</u>
* 307	do	Texas Water Wells Inc.	1971	1,550	13 10 8	1,280 1,368 1,536	Kctm	610	815	Sept. 17, 1971	S, E 350	P	Cemented to 1,360 ft. Screened from 1,370-1,398 and 1,408-1,526 ft. Underreamed. Gravel packed. Pump set at 1,250 ft. Drawdown 122 ft pumping 744 gal/min when drilled. <u>1</u> <u>2</u>
* 308	City of Colleyville	Henry C. Millican	1968	775	10 7	696 775	Kepa	555	524 628.0	Apr. 16, 1968 Jan. 17, 1977	S, E 40	P	Cemented to 696 ft. Screened from 696-770 ft. Underreamed. Gravel packed. Measured yield 142 gal/min on Apr. 25, 1975. <u>1</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-15-401	North Richland Hills	Henry C. Millican	1953	524	10 8 7	30 460 524	Kcpa	580	249.8 294.7	Feb. 26, 1954 Feb. 15, 1955	T, E 25	P	Cemented to 460 ft. Screened from 460-490 and 502-522 ft. Pump set at 400 ft. Drawdown 112 ft. Pumping 81 gal/min on Mar. 18, 1954. <u>1</u> <u>2</u>
402	Baker Brothers	do	1948	495	6	--	Kcpa	553	288.2 282.9	Nov. 1, 1954 Feb. 15, 1955	N	N	Historical observation well. <u>3</u>
* 403	Richland Hills	Layne-Texas Co.	1950	1,277	13 8	1,110 1,277	Kctm	540	--	--	T, E 200	P	Cemented to 1,110 ft. Screened from 1,110-1,118; 1,146-1,176; and 1,186-1,254 ft. Gravel packed. Pump set at 480 ft. Measured yield 270 gal/min on Feb. 16, 1952 and 370 gal/min on Apr. 14, 1975. Pumping level 420 ft at 351 gal/min when drilled. Temp. 85°F. <u>1</u> <u>2</u>
* 404	do	Henry C. Millican	1954	590	10 8 7	41 502 590	Kcpa	563	299.4 477.0 466.4	Feb. 15, 1955 Jan. 1976 Dec. 17, 1976	T, E 40	P	Screened from 502-542 and 562-584 ft. Pump set at 420 ft. Measured yield 127 gal/min on Apr. 14, 1975. Drawdown 57.3 ft pumping 202 gal/min on Feb. 16, 1955. <u>1</u> <u>2</u>
405	A. E. Henry	Fort Worth Drilling Co.	1946	490	6 4	52 460	Kcpa	546	187.0 198.0	Aug. 6, 1946 Jan. 11, 1950	C, E 1	D	<u>3</u>
* 406	Richland Hills	Henry C. Millican	1952	500	10 8 7	64 432 500	Kcpa	540	220 276.9	1952 Feb. 16, 1955	T, E 40	P	Screened from 431-467 and 483-498 ft. Pump set at 410 ft. Measured yield 100 gal/min on Apr. 14, 1975. Drawdown 83 ft pumping 174 gal/min on Feb. 18, 1955. Temp. 72°F. <u>1</u>
407	do	Texas Water Wells Co.	1955	1,337	--	--	Kctm	563	--	--	N	N	Test well. <u>2</u>
408	do	Henry C. Millican	1946	542	10 8	-- --	Kcpa	600	260 269	July 1948 Mar. 1952	N	N	Screened.
* 409	do	Layne-Texas Co.	1952	1,335	10 7	1,185 1,335	Kctm	600	406 485	July 11, 1952 Feb. 17, 1955	S, E 150	P	Cemented to 1,185 ft. Screened from 1,185-1,204; 1,211-1,243; and 1,253-1,315 ft. Pump set at 620 ft. Measured yield 310 gal/min on Apr. 14, 1975. Drawdown 142 ft pumping 408 gal/min when drilled. Temp. 84°F. <u>1</u> <u>2</u>
410	do	Henry C. Millican	1954	532	8	--	Kcpa	595	280 327.2	Mar. 1954 Feb. 17, 1955	N	N	Drawdown 85.6 ft pumping 69 gal/min on Feb. 18, 1955.
* 411	do	J. L. Myers Sons	1957	506	10 8	442 506	Kcpa	540	--	--	T, E 25	P	Screened from 442-490 ft. Measured yield 87 gal/min on Apr. 14, 1975.
412	do	Texas Water Wells Co.	1955	1,235	12 6	1,065 1,235	Kctm	540	450	June 9, 1955	S, E 100	P	Cemented to 1,065 ft. Screened from 1,059-1,075; 1,087-1,107; 1,119-1,161; and 1,171-1,225 ft. Underreamed. Gravel packed. Measured yield 220 gal/min on Apr. 3, 1975. Pumping level 562 ft at 412 gal/min when drilled. <u>1</u> <u>2</u>
* 413	do	Henry C. Millican	1961	629	13 10 7	31 510 628	Kcpa	600	473	Aug. 1, 1961	S, E 25	P	Cemented to 510 ft. Screened from 511-541; 559-580; and 585-624 ft. Gravel packed. Pump set at 590 ft. Measured yield 56 gal/min on Apr. 14, 1975. Drawdown 53 ft pumping 105 gal/min when drilled. Pumping level 508.0 ft on Dec. 17, 1976. <u>3</u>
* 414	do	do	1954	567	10 8 7	43 462 567	Kcpa	540	288	July 31, 1954	S, E 20	P	Cemented to 462 ft. Screened from 462-512 and 547-562 ft. Pump set at 540 ft. Reported yield 85 gal/min in 1975. <u>1</u>
* 415	North Richland Hills	do	1954	527	10 8 7	31 461 527	Kcpa	580	246.9 293.7 291.9	Mar. 17, 1954 Dec. 14, 1954 Feb. 15, 1955	T, E 30	P	Cemented to 461 ft. Screened from 461-521 ft. Pump set at 420 ft. Drawdown 82.5 ft pumping 98 gal/min on Feb. 16, 1955. <u>1</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-15-416	Richland Hills	Henry C. Millican	1955	560	8 7	417 560	Kcpa	540	306	May 21, 1955	N	N	Cemented to 417 ft. Screened from 417-517 ft. Pumping level 346 ft at 125 gal/min when drilled. Plugged. <u>1</u>
417	Southwest Contracting Co.	C. M. Stoner Drilling Co.	1974	552	4	552	Kcpa	530	445	Apr. 23, 1974	S, E 5	Ind	Cemented to bottom. Jet perforated from 512-519 ft. Pump set at 491 ft. <u>1</u>
501	City of Hurst	Layne-Texas Co.	1954	625	10 5	590 625	Kcpa	540	293	Nov. 11, 1954	N	N	Cemented to 590 ft. Screened from 591-620 ft. Gravel packed. Underreamed. Pumping level 392.5 ft at 154 gal/min when drilled.
502	do	do	1950	595	7	--	Kcpa	542	210	Sept. 1950	N	N	Plugged. <u>1</u>
504	do	Henry C. Millican	1955	667	8 7	551 667	Kcpa	535	378.0 473.2	July 12, 1955 May 1, 1975	N	N	Cemented to 551 ft. Screened from 551-636 ft. Gravel packed. Reported yield 150 gal/min. Recorder well. <u>1</u> <u>2</u> <u>3</u>
505	do	Layne-Texas Co.	1954	605	12 10 5	61 560 605	Kcpa	535	246 258.9	May 26, 1954 June 1954	N	N	Screened from 555-601 ft. Underreamed. Gravel packed. Drawdown 60 ft pumping 220 gal/min when drilled. Plugged. <u>1</u>
506	do	do	1954	610	6	--	Kcpa	535	242.7 299.5	Mar. 3, 1954 Aug. 30, 1954	N	N	Plugged.
* 507	do	Texas Water Wells, Inc.	1964	1,432	18 8	1,228 1,432	Kctm	535	628 628.0	Dec. 1964 Jan. 18, 1977	S, E 250	P	Cemented to 1,228 ft. Screened from 1,232-1,250; 1,260-1,275; 1,290-1,324; and 1,331-1,428 ft. Underreamed. Gravel packed. Pump set at 1,000 ft. Reported yield 700 gal/min in 1975. Drawdown 111 ft pumping 717 gal/min when drilled. <u>1</u> <u>2</u>
* 508	do	Layne-Texas Co.	1955	1,457	18 14 8	1,000 1,282 1,457	Kctm	540	457 802.0	Aug. 26, 1955 Dec. 18, 1970	S, E 275	P	Cemented to 1,000 ft. Screened from 1,293-1,434 ft. Gravel packed. Pump set at 1,300 ft. Reported yield 400 gal/min in 1975. Drawdown 101 ft pumping 600 gal/min when drilled and 78 ft pumping 520 gal/min on Dec. 18, 1970. <u>1</u>
509	do	Henry C. Millican	1955	696	8 7	590 696	Kcpa	620	387 569.0	June 27, 1955 Nov. 20, 1970	N	N	Cemented to 590 ft. Screened from 590-690 ft. Reported yield 150 gal/min in 1955. Plugged. <u>1</u>
* 510	do	J. L. Myers Sons	1962	1,500	18 8	1,304 1,456	Kctm	620	653 693.0 845.0 974.0	May 31, 1962 Nov. 15, 1962 Feb. 19, 1971 Jan. 18, 1977	S, E 250	P	Cemented to 1,304 ft. Screened from 1,305-1,315; 1,328-1,347; and 1,361-1,446 ft. Underreamed. Gravel packed. Pump set at 1,150 ft. Reported yield 570 gal/min in 1975. Drawdown 117 ft pumping 600 gal/min when drilled. <u>1</u> <u>2</u>
* 511	do	Texas Water Wells, Inc.	1959	1,536	16 8	1,320 1,500	Kctm	600	990.0	Jan. 18, 1977	S, E 250	P	Cemented to 1,320 ft. Screened from 1,325-1,390 and 1,400-1,475 ft. Gravel packed. Pump set at 1,180 ft. Reported yield 700 gal/min in 1975. Drawdown 81 ft pumping 510 gal/min when drilled and 175 ft pumping 700 gal/min in Oct. 1970. <u>1</u> <u>2</u>
* 512	do	Layne-Texas Co.	1966	1,413	18 8	1,215 1,360	Kctm	555	693	June 9, 1966	S, E 250	P	Cemented to 1,215 ft. Screened from 1,219-1,350 ft. Underreamed. Gravel packed. Pumping level 873 ft at 717 gal/min when drilled. <u>1</u> <u>2</u>
513	K. Manufacturing Co.	Ward and Ward Drilling Co.	1967	575	4	555	Kcpa	510	415	May 9, 1967	S, E 2	D, P Ind	Cemented to 555 ft. Open hole from 555-575 ft. Pump set at 550 ft. <u>1</u> <u>2</u>
* 601	Bell Aircraft Corp.	Layne-Texas Co.	1951	1,483	14 8	1,171 1,483	Kctm	523	292.5 405.0 735 845	Mar. 3, 1952 Mar. 20, 1955 Dec. 6, 1969 Apr. 23, 1975	T, E 300	Ind	Screened from 1,179-1,219; 1,240-1,250; 1,272-1,292; 1,329-1,339; 1,379-1,429; and 1,440-1,450 ft. Pump set at 1,080 ft. Drawdown 164 ft pumping 745 gal/min on Mar. 1952. Pumping level 826 ft at 584 gal/min on Feb. 14, 1970, and 992 ft pumping 790 gal/min on July 1976. <u>1</u> <u>2</u> <u>3</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-15-602	J. H. Hackney	J. H. Hackney	1936	43	--	--	Kgw	563	38.3	Nov. 14, 1974	N	N	<u>3</u>
" 603	City of Bedford	Henry C. Millican	1963	697	10 7	584 697	Kcpa	500	459	Apr. 16, 1963	S, E 40	N	Cemented to 584 ft. Screened from 584-620 and 626-682 ft. Underreamed. Gravel packed. <u>1</u>
* 604	City of Euless	Layne-Texas Co.	1955	1,625	18 14 8	1,000 1,330 1,625	Kctm	605	470 829.0	Apr. 23, 1955 Nov. 17, 1971	S, E 300	P	Cemented to 1,330 ft. Screened from 1,342-1,398; 1,432-1,447; 1,510-1,525; and 1,540-1,600 ft. Underreamed. Gravel packed. Pump set at 1,000 ft. Measured yield 619 gal/min on Aug. 29, 1973. Pumping level 619 ft at 720 gal/min when drilled. <u>1</u> <u>2</u>
* 605	do	Henry C. Millican	1959	832	12 10 8	236 682 832	Kcpa	605	480 645	Mar. 21, 1959 Feb. 8, 1967	S, E 40	P	Cemented to 682 ft. Screened from 685-725, 745-775; and 795-830 ft. Pump set at 791 ft. <u>1</u>
606	do	do	1960	829	12 10 8	185 688 829	Kcpa	610	--	--	S, E 40	P	Screened from 792-827; 745-770; and 710-725 ft. Gravel packed. Pump set at 775 ft. Measured yield 95 gal/min on Feb. 15, 1973. <u>1</u>
607	Soto-Grande Apartments	do	1969	750	13 10 7	100 654 750	Kcpa	550	577	Apr. 28, 1969	S, E 30	Irr	Cemented to 654 ft. Screened from 654-744 ft. Underreamed. Gravel packed. Drawdown 80 ft pumping 120 gal/min when drilled. Reported yield 60 gal/min. <u>1</u>
* 801	M. L. Lansford	--	1953	48	6	48	Kgw	550	23.5	Aug. 18, 1953	C, W	N	--
* 802	R. H. Walters	Dan McKee	1953	670	6 4	-- --	Kcpa	548	344.2 392.4	July 27, 1953 May 11, 1955	T, E	N	Destroyed.
901	City of Arlington	Texas Water Wells, Inc.	1954	1,654	16 13 6	1,000 1,400 1,654	Kctm	577	450.4 787.0	May 17, 1954 1971	N	N	Screened from 1,414-1,471; 1,481-1,511; 1,525-1,568; and 1,588-1,646 ft. Drawdown 133 ft pumping 500 gal/min when drilled. Plugged.
902	do	do	1954	817	12 6	664 817	Kcpa	578	324.4 700.0	June 21, 1954 1971	N	N	Screened from 668-722; 730-794; and 801-809 ft. Drawdown 133 ft pumping 408 gal/min when drilled.
* 903	Millbrook Estates	E. C. Stone Water Well Drilling Co.	1974	692	4	692	Kcpa	490	460	Jan. 28, 1974	S, E 5	Irr	Cemented to bottom. Gun perforated from 632-634; 653-657; and 663-665 ft. Pump set at 546 ft. Drawdown 25 ft pumping 8 gal/min when drilled. Temp. 77°F. <u>1</u> <u>2</u>
* 904	do	do	1974	690	4	690	Kcpa	485	460	Feb. 11, 1974	S, E 5	Irr	Cemented to bottom. Gun perforated from 630-640; 650-653; 659-660; 666-667; and 684-686 ft. <u>1</u> <u>2</u>
* 16-101	City of Euless	Texas Water Wells, Inc.	1964	1,690	14 8	1,500 1,697	Kctm	610	836 761.7	Oct. 1972 Nov. 23, 1976	S, E 300	P	Cemented to 1,500 ft. Screened from 1,506-1,522; 1,560-1,586; and 1,600-1,686 ft. Underreamed. Gravel packed. Pump set at 1,350 ft. <u>1</u> <u>2</u> <u>3</u>
* 102	City of Bedford	do	1972	1,678	10 18	1,496 1,678	Kctm	585	847 1,130.0	May 1972 Jan. 18, 1977	S, E 400	P	Cemented to 1,496 ft. Screened from 1,502-1,521 and 1,552-1,667 ft. Underreamed. Gravel packed. Pump set at 1,350 ft. Drawdown 140 ft pumping 805 gal/min when drilled. <u>1</u>
* 103	City of Euless	Henry C. Millican	1960	962	12 10 8	266 878 962	Kcpa	600	467 632.0	Feb. 6, 1960 Jan. 18, 1977	S, E 40	P	Cemented to 878 ft. Screened from 880-920 and 932-957 ft. Pump set at 775 ft. Measured yield 145 gal/min on Jan. 15, 1965. <u>1</u>
* 104	do	do	1959	924	12 10 8	310 825 924	Kcpa	610	455	May 12, 1959	S, E 40	P	Cemented to 825 ft. Screened from 825-875 and 885-923 ft. Pump set at 859 ft. Measured yield 145 gal/min on May 15, 1973, and 120 gal/min on Oct. 6, 1976. Temp. 82°F. <u>1</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-16-105	City of Euless	Layne-Texas Co.	1963	1,779	18 14 8	1,200 1,630 1,779	Kctm	610	625 1,040.0	July 13, 1963 Jan. 17, 1977	S, E 200	P	Cemented to 1,200 ft. Screened from 1,637-1,773 ft. Underreamed. Gravel packed. Pump set at 1,100 ft. Measured yield 680 gal/min on May 15, 1973, and 740 gal/min on Oct. 6, 1976. Temp. 89°F. <u>Y Z</u>
* 201	do	Henry C. Millican	1961	959	12 10 7	272 855 959	Kcpa	600	525 731	July 24, 1961 Nov. 23, 1976	S, E 40	P	Cemented to 855 ft. Screened from 857-867 and 877-957 ft. Gravel packed. Pump set at 918 ft. Measured yield 130 gal/min on Nov. 17, 1971. Pumping level 706 ft on July 11, 1972. <u>Y Z</u>
* 202	do	Layne-Texas Co.	1970	1,792	16 8	1,640 1,792	Kctm	620	850	July 17, 1970	S, E 300	P	Cemented to 1,640 ft. Screened from 1,646-1,679; 1,701-1,738; and 1,740-1,781 ft. Underreamed. Gravel packed. Pump set at 1,459 ft. Measured yield 730 gal/min on Aug. 8, 1972. Drawdown 204 ft pumping 748 gal/min when drilled. Temp. 87°F. <u>Y Z</u>
* 203	do	do	1970	1,746	16 8	1,580 1,746	Kctm	560	--	--	S, E 300	P	Cemented to 1,580 ft. Screened from 1,586-1,724 ft. Underreamed. Gravel packed. Pump set at 1,407 ft. Measured yield 890 gal/min on Aug. 8, 1972. <u>Y Z</u>
204	Bill Roberts	Ticknor Drilling Service	1969	242	4 3	185 242	Kgw	572	150	Feb. 3, 1969	S, E 3/4	D	Cemented to 185 ft. Gun perforated from 180-184 and torch slotted from 182-242 ft. Pump set at 188 ft. <u>Y Z</u>
* 401	Buck Conway	Buck Conway	1953	900	7	--	Kcpa	550	246.9 497.1	Dec. 10, 1953 May 3, 1965	C, E 2	D, S	<u>Y</u>
* 403	City of Euless	Henry C. Millican	1963	849	12 10 7	165 725 849	Kcpa	558	551 626.0 676.0	Nov. 4, 1963 Nov. 17, 1971 Jan. 17, 1977	S, E 40	P	Cemented to 725 ft. Screened from 725-845 ft. Underreamed. Gravel packed. Pump set at 786 ft. <u>Y</u>
* 404	do	do	1961	819	12 10 8	178 700 819	Kcpa	510	414 530.0	June 24, 1961 Feb. 8, 1967	S, E 40	P	Cemented to 700 ft. Screened from 700-816 ft. Gravel packed. Pump set at 779 ft. Measured yield 120 gal/min on Aug. 8, 1972, and 125 gal/min on Oct. 6, 1976. Temp. 80°F. <u>Y</u>
405	do	do	1962	820	12 10 7	181 700 820	Kcpa	510	442	May 24, 1962	S, E 40	P	Screened from 701-816 ft. Gravel packed. Pump set at 779 ft. Measured yield 132 gal/min on Jan. 15, 1965. <u>Y</u>
* 406	do	Layne-Texas Co.	1970	1,701	16 8	1,502 1,699	Kctm	513	1,181.0	Jan. 17, 1977	S, E 300	P	Cemented to 1,502 ft. Screened from 1,510-1,639 ft. Underreamed. Gravel packed. Pump set at 1,381 ft. Measured yield 730 gal/min on Aug. 8, 1972, and 760 gal/min on Oct. 6, 1976. Temp. 85°F. <u>Y Z</u>
407	Metro-Asphalt Co.	E. G. Stone Water Well Drilling Co.	1970	200	4	180	Kgw	500	18	Apr. 1, 1970	S, E	N	Cemented to 180 ft. Gun perforated from 46-51; 71-74; 102-104; 114-117; and 160-164 ft. Drawdown 30 ft pumping 24 gal/min when drilled. <u>Y Z</u>
408	Texas Industries	D. L. Myers	1970	348	5	348	Kgw	460	50	Sept. 1970	S, E 1	Ind	Cemented to bottom. Gun perforated from 92-96; 206-212; 222-230; 272-276; and 286-291 ft. Pump set at 88 ft. Drawdown 50 ft pumping 20 gal/min when drilled. <u>Y</u>
501	City of Fort Worth	J. L. Myers Sons	1953	1,755	14 8	1,618 1,754	Kctm	496	345 463.1 483.3 477.1	Aug. 3, 1953 Mar. 19, 1957 July 23, 1957 Mar. 7, 1958	T, E 200	P, Ind	Screened from 1,626-1,642 and 1,656-1,742 ft. Underreamed. Gravel packed. Drawdown 89 ft pumping 520 gal/min on Mar. 12, 1954. <u>Y Z</u>
* 502	Chicago, Rock Island and Gulf Railroad	Fort Worth Drilling Co.	1947	863	16 13	233 716	Kcpa	500	63.5 86.5	Jan. 11, 1951 Mar. 6, 1955	N	N	<u>Y Z</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-16-503	U.S. Geological Survey	McKee Drilling Co.	1951	267	5 4	211 267	Kgw	538	100.9 108.1	Apr. 27, 1951 Oct. 31, 1952	N	N	Perforated from 236-266 ft. Drawdown 20 ft pumping 20 gal/min when drilled. Well used for water supply to drill 32-16-504. <u>Y</u> <u>Y</u>
* 504	City of Fort Worth	Layne-Texas Co.	1951	1,846	14 8	1,668 1,840	Kctm	538	241.4 415.0	Apr. 27, 1951 May 13, 1955	T, E 200	P, Ind	Cemented to 1,668 ft. Screened from 1,670-1,710 and 1,720-1,830 ft. Underreamed. Gravel packed. Drawdown 117 ft pumping 614 gal/min when drilled. Temp. 90°F. <u>Y</u> <u>Y</u> <u>Y</u>
505	Edison Gromer	Ticknor Drilling Service	1971	312	4	239	Kgw	565	100	June 4, 1971	S, E	Irr	Cemented to 239 ft. Gun perforated from 134-138 and 208-212 ft. Pump set at 189 ft. Reported yield 18 gal/min. <u>Y</u> <u>Y</u>
701	City of Arlington	I. D. Cross	1946	720	4	--	Kcpa	576	307.8 357.4	Dec. 14, 1953 Dec. 23, 1954	N	N	<u>Y</u>
703	Moore Funeral Home	Ticknor Drilling Service	1972	210	4	210	Kgw	605	90 106.5	Aug. 10, 1972 July 16, 1975	N	N	Cemented to bottom. Gun perforated from 136-142; 146-150; 169-172; and 195-198 ft. Pump set at 140 ft. Drawdown 10 ft pumping 20 gal/min when drilled. Not enough water. Casing pulled in 1977. <u>Y</u> <u>Y</u>
* 704	Hatton Sumners	J. L. Myers Sons	1940	772	6 4	-- --	Kcpa	490	212.8 234.2	Aug. 20, 1953 Nov. 23, 1954	G, E 2	D, S	<u>Y</u>
* 705	Trinity Concrete Products Co.	do	1966	950	7 3	873 950	Kcpa	594	--	--	T, E 15	Ind	Cemented to 873 ft. Screened from 873-936 ft. Underreamed. Gravel packed. <u>Y</u>
* 706	Chester Ditto	--	--	150	--	--	Kgw	548	118.6	Aug. 21, 1953	G, W	N	Destroyed.
* 801	H. H. Barfield	Ward and Ward Drilling Co.	1961	217	--	--	Kgw	580	144.9 147.2	Nov. 20, 1970 Nov. 13, 1973	S, E 1	D	<u>Y</u>
* 802	Ray Young	Ticknor Drilling Service	1969	285	4 3	258 285	Kgw	580	150	Jan. 18, 1969	S, E 1	D	Cemented to 258 ft. Jet perforated from 195-202; 225-229; 237-241; 248-249; and slotted from 258-285 ft. Pump set at 254 ft. Reported yield 10 gal/min. Drawdown 100 ft pumping 8 gal/min when drilled. Temp. 72°F.
803	Six Flags Over Texas	J. L. Myers Sons	1967	890	7 3	900 980	Kcpa	535	--	--	S, E 30	Ind	Cemented to 900 ft. Screened from 900-940 and 946-967 ft. Underreamed. Gravel packed. Pump at 806 ft. <u>Y</u>
804	Great Southwest Corp.	do	1964	970	7 3	880 965	Kcpa	480	--	--	S, E 30	Irr	Screened from 880-908 and 914-953 ft. Underreamed. Gravel packed. Water reported slightly salty. Not used since 1974. <u>Y</u>
805	do	do	1964	965	7 3	855 955	Kcpa	490	--	--	S, E 30	Irr	Screened from 856-895 and 901-936 ft. Underreamed. Gravel packed. Pump set at 755 ft. Water reported salty. Not used since 1974. <u>Y</u>
* 806	Three D Stock Farm	Layne-Texas Co.	1935	1,050	12 10	-- --	Kcpa	540	226 397.3	Oct. 1935 Aug. 6, 1954	N	N	Drawdown 155 ft pumping 200 gal/min when drilled.
807	do	Q. D. Lewis	1928	1,875	12 10 7 6	362 1,061 1,759 1,875	Kctm	540	85	1928	N	N	Perforated from 1,790-1,875 ft. <u>Y</u>
* 20-301	E. M. Parten	Henry C. Millican	1968	300	7 5	246 300	Kcpa	842	199	Aug. 9, 1968	S, E 3	P	Cemented to 246 ft. Slotted from 246-292 ft. Pump set at 275 ft. <u>Y</u>
* 302	Tarrant Utility Co.	do	1967	306	10 7	220 306	Kcpa	847	195	July 26, 1967	T, E 15	P	Cemented to 220 ft. Screened from 224-299 ft. Underreamed. <u>Y</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-20-303	W. S. Dennis	Watts Drilling Co.	1964	820	6	771	Kctm	750	100	Sept. 1964	S, E 25	D, S, Irr	Cemented to 740 ft. Pump set at 652 ft. Reported yield 80 gal/min. <u>Y</u>
304	Lost Creek Golf Course	do	1977	260	6	260	Kcpa	785	143	Oct. 13, 1977	N	Irr	Slotted. Not in use. <u>Y</u>
* 501	Veale Ranch	J. C. Hall	1948	377	4	--	Kcpa	952	--	--	C, E 3/4	D, S	<u>Y</u>
601	Lost Creek Golf Course	Watts Drilling Co.	1977	260	6	260	Kcpa	785	142	Oct. 16, 1977	N	Irr	Slotted. Not in use. <u>Y</u>
* 21-101	City of White Settlement	do	1947	279	10 8	--	Kcpa	765	--	--	T, E 10	P	Pump set at 250 ft. Reported yield 60 gal/min. Reported to have high iron content. Stand-by well.
* 102	do	W and W Drilling Co.	1966	286	8	286	Kcpa	730	130	Mar. 1966	T, E 15	P	Cemented to 175 ft. Perforated from 175-286 ft. Pump set at 250 ft. Measured yield 100 gal/min in Apr. 1975. Drawdown 27 ft pumping 130 gal/min when drilled. <u>Y</u> <u>Z</u>
* 103	do	Virdehl Drilling Co.	1952	950	10 8	772 950	Kctm	808	550 710.0 744.0	Mar. 28, 1975 July 1, 1976	S, E 60	P	Pump set at 862 ft. Reported yield 100 gal/min. Well deepened from 772 ft in 1953.
* 104	do	do	1952	360	10	--	Kcpa	808	165	1955	N	N	Reported yield 120 gal/min.
105	Linda Vista Water	Measures Brothers	--	300	6	--	Kcpa	750	155	Feb. 1954	N	N	--
106	do	Watts Drilling Co.	1952	345	10 8	--	Kcpa	745	156.8 157.7 153.4 163.4	Feb. 17, 1954 May 27, 1954 Oct. 5, 1954 Sept. 17, 1975	N	N	Deepened from 290 ft in Nov. 1952. Land owner plans to use well in future.
107	Tarrant County Water Supply Corporation	H. Millican	--	300	8	--	Kcpa	710	--	--	T, E 15	P	Well not used since city of Fort Worth purchased this system in 1958. Well was part of Western Hills system.
108	do	do	--	300	8	--	Kcpa	700	--	--	T, E 15	P	Do.
* 201	Texas Water Co.	Layne-Texas Co.	1941	1,030	8 6	768 1,030	Kctm	760	368 380 481.4	Dec. 8, 1941 Aug. 20, 1946 Mar. 16, 1951	N	N	Cemented to 768 ft. Slotted from 770-788; 828-865; 873-880; and 900-928 ft. Reported yield 125 gal/min. Drawdown 32 ft pumping 205 gal/min when drilled. <u>Y</u> <u>Z</u>
202	City of Benbrook	Watts Drilling Co.	1956	296	8	296	Kcpa	713	190	Mar. 5, 1956	S, E 7 1/2	P	Cemented to 274 ft. Completed from 274-296 ft. Gravel packed. Pump set at 268 ft. <u>Y</u>
203	do	Jack Stewart	1957	300	8	300	Kcpa	713	120 184.0	May 9, 1957 Dec. 6, 1976	S, E	P	Perforated from 196-210 and 240-270 ft. Pump set at 280 ft. Drawdown 90 ft pumping 87 gal/min when drilled.
* 204	do	Henry C. Millican	1962	381	13 10 7	40 279 381	Kcpa	785	247	Aug. 10, 1962	S, E 15	P	Cemented to 279 ft. Screened from 288-294 and 310-375 ft. Gravel packed. Drawdown 85 ft pumping 107 gal/min when drilled. Pumping level 341.0 ft on Dec. 6, 1976. <u>Y</u>
* 205	City of White Settlement	J. C. Hall	1949	240	6	--	Kcpa	730	160	1949	N	N	Reported yield 45 gal/min. Plugged.
206	do	A. Stoner	1949	240	10 6	--	Kcpa	730	--	--	N	N	Do.
207	do	J. C. Hall	1949	240	4	--	Kcpa	730	--	--	N	N	Reported yield 12 gal/min. Plugged.

See footnotes at end of table.



## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-21-208	City of White Settlement	J. C. Hall	--	250	4	--	Kcpa	730	--	--	N	N	Reported yield 12 gal/min. Plugged.
* 209	Texas Water Co.	T. J. Millican	1942	324	10 8	-- --	Kcpa	760	230 251	Nov. 1942 Nov. 1954	N	N	Plugged.
210	do	do	1943	380	10 8	-- --	Kcpa	740	241 249.1	Oct. 1943 Feb. 20, 1954	N	N	Measured yield 88 gal/min on Dec. 3, 1949, and 57 gal/min on Nov. 10, 1954. Plugged.
211	do	do	1943	390	10 8	-- --	Kcpa	750	218 251	Nov. 1943 Nov. 1954	N	N	Deepened from 324 ft in 1954. Measured yield 59 gal/min on Dec. 3, 1949.
* 212	Southern Homes, Inc.	Messures Brothers	1949	300	6	300	Kcpa	795	252.2	Feb. 9, 1955	S, E 3	P	--
213	do	Watts Drilling Co.	--	360	6	--	Kcpa	795	268.6	Sept. 17, 1975	S, E 3	P	--
214	Worth Water Co.	do	1945	310	10	310	Kcpa	770	--	--	N	N	Plugged.
215	do	do	1946	310	10	310	Kcpa	770	--	--	N	N	Do.
216	Western Hills Hotel	Jack Stewart	1954	306	10 7	-- --	Kcpa	735	323.5	Sept. 14, 1954	N	N	Destroyed.
217	Clinton Wright	Watts Drilling Co.	1972	272	6	272	Kcpa	670	180	Aug. 1972	S, E 7 1/2	Irr	Cemented to 130 ft. Slotted. Gravel packed. Pump set at 231 ft. Drawdown 7 ft pumping 50 gal/min. <u>y</u>
* 301	City of Westover Hills	Henry C. Millican	1949	362	10	--	Kcpa	620	126 140.7	Jan. 12, 1955	N	N	Drawdown 75 ft pumping 55 gal/min. Plugged.
* 302	do	Texas Water Wells, Inc.	1949	985	10 7	-- --	Kctm	680	413 486 544.7 494.6	Mar. 1949 Mar. 1952 Aug. 6, 1953 Mar. 24, 1954	N	N	Drawdown 260 ft pumping 265 gal/min when drilled. Plugged. <u>y</u>
* 303	do	do	1949	865	10 7	-- 865	Kctm	610	380 430	Mar. 1949 Mar. 1952	N	N	Screened from 713-860 ft. Drawdown 186 ft pumping 303 gal/min when drilled. Pumping level 736.4 ft on Mar. 16, 1954. Plugged.
304	Mid-Continent Recreation	Watts Drilling Co.	1971	423	6	423	Kcpa	580	228	Aug. 1971	S, E 15	D, Irr	Cemented to bottom and jet perforated. Pump set at 378 ft. Reported yield 60 gal/min. <u>y</u>
305	do	do	1971	400	7	400	Kcpa	580	156	Dec. 18, 1971	S, E 10	Irr	Cemented to 265 ft. Pump set at 388 ft. Reported yield 55 gal/min. <u>y</u>
306	do	--	--	360	7	360	Kcpa	580	--	--	S, E 5	Irr	--
307	Champlin Refining Co.	Layne-Texas Co.	1955	384	10 6	275 384	Kcpa	713	270	Sept. 7, 1955	T, E 10	N	Screened from 284-323 and 330-360 ft. Reported yield 75 gal/min. Drawdown 23 ft pumping 60 gal/min when drilled. <u>y</u>
401	City of Benbrook	Henry C. Millican	1949	223	8 7	163 223	Kcpa	715	148	Jan. 1949	S, E 5	P	Reported yield 50 gal/min.
402	do	do	1950	220	10 8	181 220	--	715	147 176.0	Dec. 1950 Mar. 19, 1975	S, E 5	P	Reported yield 50 gal/min. Pumping level 192.0 ft on Dec. 6, 1976. <u>y</u>
403	do	Texas Water Wells, Inc.	1955	907	10 6	776 907	Kctm	755	457.0	Mar. 19, 1959	S, E 40	P	Cemented to 776 ft. Cased perforated from 670-681; 696-700; 707-712; 726-734; 740-748, and 878 ft. Gravel packed. Pump set at 650 ft. Drawdown 236 ft pumping 100 gal/min on Mar. 19, 1959. Pumping level 590 ft on Dec. 6, 1976. <u>y</u> <u>z</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-21-404	City of Benbrook	McKee and Turbeville	1959	310	8 6	245 310	Kcpa	755	205.0	Mar. 18, 1975	S, E 15	P	Mill slotted screen from 248-278 and 293-310 ft. Underreamed. Gravel packed. Pumping level 265 ft on Dec. 6, 1976. <u>y</u>
405	do	Henry C. Millican	1960	258	10 6	193 258	Kcpa	665	112	Mar. 11, 1960	S, E 15	P	Screened from 193-225 and 232-248 ft. Gravel packed. Drawdown 79 ft pumping 126 gal/min when drilled. Pumping level 225 ft on Dec. 6, 1976. <u>y</u>
406	do	do	1962	293	10 7	217 293	Kcpa	688	146 154.9	June 7, 1962 Mar. 18, 1975	S, E 15	P	Cemented to 217 ft. Screened from 217-284 ft. Gravel packed. Pumping level 225 ft on Dec. 6, 1976. <u>y</u>
407	do	Watts Drilling Co.	1964	310	8	295	Kcpa	715	154	Aug. 1964	S, E 15	P	Cemented to 190 ft. Slotted from 195-295 ft. Pump set at 258 ft. Reported yield 110 gal/min. Drawdown 20 ft pumping 90 gal/min when drilled. Pumping level 218 ft on Dec. 6, 1976. <u>y</u>
408	do	do	1972	422	10 7	264 402	Kcpa	800	187 219.0	May Dec. 6, 1976	S, E 20	P	Cemented to 264 ft. Screened from 298-340 ft. Slotted from 340-364 and 374-398 ft. Gravel packed. Pump set at 279 ft. Reported yield 75 gal/min. Drawdown 83 ft pumping 100 gal/min when drilled. <u>y</u>
501	Texas and Pacific Railway	Fort Worth Drilling Co.	1945	227	6	161	Kcpa	640	97.5 139.8	Nov. 8, 1950 Nov. 14, 1974	N	N	Open hole from 161-227 ft. <u>y</u>
* 502	City of Benbrook	Henry C. Millican	1960	284	10 6	209 284	Kcpa	690	151	Mar. 25, 1960	T, E 15	P	Cemented to 209 ft. Screened from 209-238 and 254-270 ft. Gravel packed. Drawdown 77 ft pumping 105 gal/min when drilled. <u>y</u>
* 503	do	H. E. Turbeville Drilling Contractor	1967	340	10 6	210 310	Kcpa	690	187	Jan. 1967	S, E 15	P	Cemented to 210 ft. Slotted from 207-224; 223-260; and 280-310 ft. Gravel packed. Pump set at 294 ft. Reported yield 116 gal/min. Pumping level 238 ft on Dec. 6, 1976. <u>y</u>
* 504	do	Watts Drilling Co.	1967	830	10 7	-- --	Kctm	678	433 565	Feb. 1967 Dec. 6, 1976	S, E 40	P	Screened interval reported from 780-824 ft. Reported yield 225 gal/min. <u>y</u>
505	do	do	1967	350	10 6	218 350	Kcpa	678	191	Sept. 23, 1967	S, E 15	P	Cemented to 218 ft. Screened from 210-348 ft. Gravel packed. Pump set at 319 ft. Reported yield 92 gal/min in 1975. Drawdown 124 ft pumping 70 gal/min when drilled. Pumping level 274 ft on Dec. 6, 1976. <u>y</u>
* 506	do	Henry C. Millican	1968	277	10 7	192 277	Kcpa	670	130	June 1, 1968	S, E 20	P	Cemented to 192 ft. Screened from 192-272 ft. Underreamed. Gravel packed. Drawdown 60 ft pumping 180 gal/min when drilled. <u>y</u>
507	do	do	1968	292	10 7	192 292	Kcpa	650	135	June 6, 1968	S, E 7 1/2	P	Cemented to 220 ft. Screened from 220-287 ft. Underreamed. Gravel packed. Drawdown 103 ft pumping 69 gal/min when drilled. <u>y</u>
508	do	do	1968	240	10 7	147 240	Kcpa	620	91 138.0	July 10, 1968 Dec. 6, 1976	S, E 20	P	Cemented to 147 ft. Screened from 147-235 ft. Underreamed. Gravel packed. Reported yield 135 gal/min. Drawdown 57 ft pumping 120 gal/min when drilled. <u>y</u>
509	do	Watts Drilling Co.	1977	850	--	--	Kctm	622	--	--	N	N	Test hole not productive. <u>y</u>
601	do	Reid Pump Sales and Service	1965	295	8	295	Kcpa	690	195	Sept. 23, 1965	N	N	Gun perforated and slotted 20 ft. Reported yield 100 gal/min. Plugged. <u>y</u>
602	General Dynamics Recreation Association	--	--	245	--	--	Kcpa	630	--	--	S, E 3	P, Ind	Resorked old windmill well. Reported yield 50 gal/min.

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-21-603	General Dynamics Recreation Association	--	1957	420	5	--	Kcpa	615	--	--	S, E 2	P, Ind	Reported yield 80 gal/min.
701	U.S. Army Corps of Engineers	--	1965	230	4	--	Kcpa	740	--	--	S, E 1	P	Reported yield 10 gal/min.
702	do	--	1965	240	4	--	Kcpa	730	--	--	S, E	P	--
703	do	Watts Drilling Co.	1973	285	4 2	250 285	Kcpa	730	189	July 1973	S, E 1 1/2	P	Cemented to 250 ft. Screened from 264-285 ft. Pump set at 231 ft. Drawdown 14 ft pumping 20 gal/min when drilled. <u>1</u> <u>2</u>
704	do	do	1961	228	4	--	Kcpa	720	--	--	S, E 1 1/2	P	Reported yield 10 gal/min.
705	do	--	1963	260	4	--	Kcpa	735	--	--	S, E	P	--
801	do	J. L. Myers Sons	1948	478	8	397	Kcpa	773	226	Mar. 1948	S, E 5	P	<u>1</u>
802	do	Watts Drilling Co.	1959	240	4	240	Kcpa	635	200	Apr. 1969	S, E 2	P	Cemented to 230 ft. Screened from 230-240 ft. Gravel packed. Pump set at 230 ft. Reported yield 10 gal/min.
22-101	University Cleaners	--	--	429	4	409	Kcpa	645	--	--	C, E 7 1/2	N	Might use in future. Reported yield 15 gal/min in 1960.
102	Westchester House	Jack Stewart	1954	455	7	--	Kcpa	640	280	July 1955	T, E 7 1/2	P	Measured yield 40 gal/min on Oct. 6, 1954.
103	do	do	1954	440	7	--	Kcpa	640	280	July 1955	T, E 7 1/2	N	Measured yield 50 gal/min on Dec. 30, 1954.
104	Harris Hospital	Q. D. Lewis	1937	417	10 7	303 396	Kcpa	640	289 293.0	July 1938 Nov. 13, 1953	T, E 15	N	Screened from 313-396 ft. Underreamed. Gravel packed. Pump set at 395 ft. Measured yield 37.5 gal/min on Nov. 27, 1953. Temp. 75°F. <u>1</u>
105	do	J. L. Myers Sons	1959	455	13 8	290 455	Kcpa	640	298	Jan. 1960	T, E 30	N	Cemented to 290 ft. Screened from 292-413 ft. Underreamed. Gravel packed. Pump set at 380 ft. Drawdown 59 ft pumping 185 gal/min when drilled. <u>1</u> <u>2</u>
* 106	Meadow Gold Dairy	H. E. Turbeville Drilling Contractor	--	420	10	395	Kcpa	630	300	Oct. 1950	S, E 20	Ind	Reported yield 90 gal/min.
107	Monarch Laundry	E. H. Richardson	1946	286	6 5	-- --	Kcpa	550	--	--	T, E 7 1/2	N	Reported yield 35 gal/min.
201	SEC Corp.	T. J. Millican	--	380	10 7	-- --	Kcpa	590	277.6 297.1	Apr. 14, 1942 Aug. 5, 1955	N	N	Plugged. <u>3</u>
* 202	do	Henry C. Millican	1961	445	13	--	Kcpa	586	--	--	N	N	Plugged. Gravel packed. Reported yield 50 gal/min. <u>2</u>
* 203	do	T. J. Millican	1939	1,073	8 7	-- --	Kctm	590	384 463.0	Dec. 1949 Dec. 16, 1953	N	N	Measured yield 65 gal/min on Jan. 21, 1955. Plugged.
204	Texas and Pacific Railway	Q. D. Lewis	1930	1,080	15 12 10	547 1,004 1,080	Kctm	609	319.2 520.2 575.8	1937 Mar. 20, 1952 May 1, 1957	T, E 75	N	Perforated from 1,004-1,080 ft. Measured yield 330 gal/min on Oct. 17, 1947. Pumping level 676 ft pumping 300 gal/min on Jan. 25, 1952. Well yield dropped to 79 gal/min on Nov. 6, 1951. <u>3</u>
205	U.S. Post Office	do	1932	1,095	12 8	-- --	Kctm	611	489.3 548.4	Sept. 15, 1949 Feb. 2, 1955	N	N	Reported yield 145 gal/min in Dec. 1949. Drawdown 197 ft pumping 246 gal/min when drilled. <u>3</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-22-206	Mrs. Daltons Best Maid Products	Pennington	1954	380	5	380	Kcpa	600	298.2	Jan. 30, 1955	N	N	Plugged.
* 207	do	Ward and Ward Drilling Co.	1972	1,100	8 6	900 1,100	Kctm	600	--	--	S, E 30	Ind	Cemented to 900 ft. Slotted from 1,000-1,100 ft. Pump set at 905 ft. Reported yield 93 gal/min in 1975. <u>Y</u> <u>Z</u>
208	SEC Corp.	Henry C. Millican	1954	451	10 8	336 451	Kcpa	590	291.7 289.1	Oct. 5, 1954 Nov. 8, 1954	T, E 20	N	Screened from 336-368 and 390-413 ft. Reported yield 45 gal/min. Measured drawdown 76.3 ft pumping 55 gal/min on Dec. 9, 1954, and drawdown 97 ft pumping 45 gal/min on Aug. 1955. <u>Y</u>
209	Great Western Foods	Q. D. Lewis	1927	1,187	10 8	-- --	Kctm	550	--	--	N	N	Reported yield 165 gal/min in 1961 and reported pumping level 500 ft at 220 gal/min in 1950's.
210	do	J. L. Myers Sons	1965	1,189	10 5	978 1,143	Kctm	550	680	Sept. 25, 1965	T, E 100	Ind	Cemented to 978 ft. Screened from 978-1,013; 1,018-1,046; 1,057-1,075; and 1,085-1,095 ft. Underreamed. Gravel packed. Pump set at 810 ft. Reported yield 265 gal/min. Drawdown 70 ft pumping 260 gal/min when drilled. <u>Y</u> <u>Z</u>
* 211	St. Joseph Hospital	Layne-Texas Co.	1941	515	10 8	430 515	Kcpa	673	319	Oct. 29, 1941	N	N	Cemented to 382 ft. Screened from 439-441; 467-471; and 485-497 ft. Drawdown 71 ft pumping 100 gal/min when drilled. Temp. 72°F. <u>Y</u>
212	Texas Garment and Linen Service	T. J. Millican	1929	420	--	--	Kcpa	627	160 336.1	Dec. 20, 1953	T, E 30	Ind	Measured yield 105 gal/min on Dec. 23, 1953. Standby.
* 213	do	Henry C. Millican	1948	1,072	10 8	-- --	Kctm	627	463	Mar. 1948	S, E 75	Ind	Pump set at 890 ft. Reported yield 150 gal/min in 1954. Temp. 79°F. <u>Y</u>
214	Star Uniform	do	1953	434	10 8	350 434	Kcpa	640	331	Dec. 1953	T, E 20	Ind	Screened from 351-376 and 393-434 ft. Pump set at 415 ft. Reported yield 75 gal/min. Drawdown 84 ft pumping 112 gal/min on Dec. 7, 1953.
215	Modern Laundry	E. H. Richardson	1941	445	8 3	-- --	Kcpa	645	315	1941	T, E 10	N	Reported yield 45 gal/min.
216	Foremost Dairies	--	--	365	8	--	Kcpa	630	304 341	Oct. 1954 Mar. 28, 1968	T, E 15	Ind	Pump set at 362 ft. Reported yield 20 gal/min in 1968.
217	do	--	--	430	3	400	Kcpa	630	--	--	N	N	Reported yield 55 gal/min in 1961. Plugged.
301	Texas Water Co.	T. J. Millican	1944	587	8 6	-- --	Kcpa	680	330 420	Apr. 1944 July 1954	N	N	Plugged.
* 302	do	do	1942	565	12 8	-- --	Kcpa	680	270 420	Apr. 1943 July 1954	N	N	Do.
401	Southwest Baptist Seminary	do	1917	1,083	10	--	Kctm	765	473.8 622.1	Oct. 13, 1950 Mar. 11, 1958	N	N	<u>Y</u>
402	Back-us Laundry	--	--	449	8 7	-- --	Kcpa	690	338.2	Sept. 30, 1950	N	N	--
403	do	--	1954	410	6	390	Kcpa	690	--	--	T, E 20	N	Reported yield 55 gal/min.
* 501	Our Lady of Victory School	H. E. Turbeville Drilling Contractor	1947	478	8 7	372 478	Kcpa	700	343 367	Dec. 1947 Oct. 1954	S, E 10	P	Measured yield 28 gal/min on Oct. 4, 1954. <u>Y</u>
503	Kimball Food Co.	do	1953	560	10	--	Kcpa	680	--	--	S, E 15	Ind	--

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-22-504	Kimball Food Co.	H. E. Turbeville Drilling Contractor	1946	560	8	--	Kcpa	675	--	--	S, E 20	Ind	Pump set at 500 ft.
505	do	do	1968	512	10 6	403 512	Kcpa	680	390	Aug. 1968	S, E 20	Ind	Cemented to 403 ft. Slotted from 362-512 ft. Gravel packed. Pump set at 504 ft. Reported yield 100 gal/min. <u>y</u>
* 506	do	do	1975	512	10 6	-- --	Kcpa	670	--	--	S, E 20	Ind	Gravel packed.
507	Texas Steel Co.	P. Dillbeck	1954	506	7 5	-- --	Kcpa	693	--	--	N	N	--
* 508	do	Texas Water Wells, Inc.	1967	1,171	10	1,170	Kctm	680	830.0	Sept. 18, 1975	S, E 100	Ind	Cemented to 984 ft. Screened from 981-1,047; 1,077-1,103; and 1,133-1,161 ft. Underreamed. Gravel packed. Pump set at 950 ft. Drawdown 30 ft pumping 220 gal/min on Sept. 18, 1975. <u>y</u>
* 601	Texas Water Co.	T. J. Millican	1943	595	12 8	-- --	Kcpa	730	407.8	Apr. 9, 1953	N	N	Reported yield 115 gal/min. Plugged. <u>y</u>
* 602	City of Forest Hill	Layne-Texas Co.	1948	1,288	10 8	1,046 1,288	Kctm	655	347.5 527.8	July 29, 1948 Nov. 1, 1954	N	N	Cemented to 1,046 ft. Screened from 1,051-1,072; 1,087-1,093; 1,109-1,118; 1,131-1,140; 1,197-1,233; 1,245-1,267; and 1,279-1,286 ft. Reported yield 155 gal/min. Drawdown 138 ft pumping 338 gal/min on June 24, 1948. Temp. 84°F. <u>y</u> <u>z</u>
603	Texas Water Co.	T. J. Millican	1943	550	8 5	520 550	Kcpa	735	351.0 460.8	Feb. 15, 1940 Apr. 10, 1950	N	N	Plugged. <u>z</u>
604	City of Forest Hill	--	--	690	--	--	Kcpa	720	378.4 377.4	Oct. 27, 1949 Dec. 29, 1950	N	N	Abandoned. <u>z</u>
605	do	Henry C. Millican	1947	504	8 7	481 504	Kcpa	655	310 321.2	May 1947 Apr. 28, 1953	N	N	Cemented to 481 ft. Screened from 480-500 ft. Gravel packed. Reported yield 47 gal/min. <u>y</u> <u>z</u>
* 606	do	do	1959	603	8	--	Kcpa	640	468	1959	S, E 30	P	Cemented. Screened. Pump set at 560 ft. Reported yield 90 gal/min. <u>y</u>
* 607	Glen Garden Country Club	do	1953	540	6 4	-- --	Kcpa	650	339.0	Apr. 5, 1953	T, E 20	Irr	--
608	Couch Water Co.	Wallen Brothers	1950	551	5	--	Kcpa	635	--	--	N	N	Plugged.
609	U.S. Public Service Hospital	J. L. Myers Sons	1959	1,319	12 6	1,142 1,316	Kctm	700	--	--	S, E 100	Irr	Cemented to 1,142 ft. Screened from 1,156-1,184; 1,214-1,245; and 1,262-1,303 ft. Pump set at 900 ft. Reported yield 200 gal/min. <u>y</u>
610	City of Forest Hill	Henry C. Millican	1954	655	8 7	542 600	Kcpa	720	421	Nov. 10, 1954	N	N	Cemented to 542 ft. Slotted from 587-582 ft. Gravel packed. <u>y</u>
701	William Howard	H. E. Turbeville Drilling Contractor	1954	415	7 5	-- 415	Kcpa	685	321	Apr. 25, 1954	T, E 2	D	--
* 702	City of Edgcliff	do	1949	452	8 7	380 452	Kcpa	700	310 359.1 344.9	Jan. 1950 July 13, 1954 Dec. 17, 1954	N	N	Screened from 380-391; 395-411; and 429-450 ft. Drawdown 26 ft pumping 50 gal/min when drilled. Well destroyed.
* 703	do	McKee Drilling Co.	1954	455	6	430	Kcpa	690	338	July 20, 1954	N	N	Open hole completion. Plugged.
* 704	Laurel Land Memorial Park	do	1952	569	7 5	-- --	Kcpa	760	392	Oct. 1952	T, E 15	Irr	Reported yield 50 gal/min.

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-22-705	Laurel Land Memorial Park	C. M. Stoner Drilling Co.	1964	1,222	6	1,222	Kctm	762	732	May 22, 1964	S, E 40	Irr	Cemented to 1,150 ft. Slotted from 1,150-1,222 ft. Pump set at 1,000 ft. Reported yield 1,000 gal/min. <u>1</u>
801	City of Fort Worth	H. Millican	--	500	8	--	Kcpa	675	--	--	N	N	Plugged. Formerly Highland Terrace well owned by the Tarrant County Water Supply Corporation.
* 901	City of Forest Hill	Layne-Texas Co.	1962	1,352	12 6	1,103 1,352	Kctm	660	604 850	July 26, 1962 Nov. 24, 1976	S, E 125	P	Cemented to 1,103 ft. Screened from 1,108-1,138; 1,158-1,186; 1,192-1,202; 1,260-1,280; and 1,290-1,335 ft. Underreamed. Pump set at 1,008 ft. Reported yield 450 gal/min in 1975. Drawdown 100 ft pumping 455 gal/min when drilled. <u>1</u> <u>2</u> <u>3</u>
* 903	do	do	1964	1,346	12 6	1,066 1,346	Kctm	655	630 713 705	June 27, 1964 Nov. 10, 1971 Nov. 24, 1976	S, E 150	P	Cemented to 1,066 ft. Screened from 1,071-1,107; 1,118-1,154; and 1,196-1,293 ft. Underreamed. Gravel packed. Reported yield 450 gal/min. Drawdown 168 ft pumping 503 gal/min when drilled. Temp. 84°F. <u>1</u> <u>2</u> <u>3</u>
904	City of Everman	T. M. Hellams	1915	600	6	--	Kcpa	648	463	1977	N	N	Slotted. Reported yield 20 gal/min. Plugged in 1977.
905	do	McKee Drilling Co.	1954	540	5	540	Kcpa	645	310 460	Oct. 1954 1977	N	N	Screened from 508-538 ft. Plugged in 1977.
906	do	A. Y. Wallen	1945	518	6	--	Kcpa	662	--	--	N	N	Plugged in 1971.
* 907	do	Henry C. Millican	1965	585	10 7	507 585	Kcpa	658	429 445.0	June 18, 1965 Jan. 25, 1977	S, E 20	P	Cemented to 507 ft. Screened from 507-546 and 550-580 ft. Underreamed. Gravel packed. Measured yield 96 gal/min. Drawdown 36 ft pumping 108 gal/min when drilled. <u>1</u>
908	do	McKee Drilling Co.	1950	547	8 7	503 547	Kcpa	658	262 287	Dec. 1950 Feb. 20, 1951	N	N	Cemented to 503 ft. Slotted from 503-543 ft. Drawdown 50 ft pumping 65 gal/min when drilled. <u>1</u>
* 909	do	Texas Water Wells, Inc.	1966	1,296	12 6	1,035 1,296	Kctm	658	683 814.0 817.0	Aug. 1, 1966 Mar. 19, 1975 Jan. 25, 1977	S, E 100	P	Cemented to 1,035 ft. Screened from 1,042-1,076; 1,130-1,142; 1,193-1,228; and 1,236-1,280 ft. Pump set at 900 ft. Reported yield 350 gal/min. Drawdown 117 ft pumping 556 gal/min when drilled and 52 ft pumping 260 gal/min on Mar. 19, 1975. <u>1</u> <u>2</u>
910	do	Henry C. Millican	1962	593	10 7	485 593	Kcpa	623	403 447.0	July 27, 1962 Sept. 24, 1975	S, E 20	P	Cemented to 485 ft. Screened from 488-514; 519-545; and 555-586 ft. Gravel packed. Reported yield 65 gal/min. Drawdown 101 ft pumping 125 gal/min when drilled and 55 ft pumping 70 gal/min on Sept. 24, 1975. <u>1</u>
* 911	City of Forest Hill	do	1970	588	10 7	528 588	Kcpa	615	450	Jan. 29, 1970	S, E 25	P	Cemented to 528 ft. Screened from 528-583 ft. Gravel packed. Pump set at 562 ft. Reported yield 90 gal/min. Drawdown 88 ft pumping 80 gal/min when drilled. <u>1</u>
912	do	--	--	1,320	12 6	980 1,320	Kctm	615	736	--	S, E 150	N	Reported yield 500 gal/min.
913	do	Henry C. Millican	1952	700	8 7	525 615	Kcpa	660	330	Mar. 19, 1952	N	N	Cemented to 525 ft. Slotted from 525-545 and 585-605 ft. Gravel packed. Plugged. <u>1</u>
* 914	do	do	1965	600	10 7	520 600	Kcpa	655	433	Jan. 15, 1965	S, E 30	P	Cemented to 520 ft. Screened from 520-595 ft. Underreamed. Gravel packed. Reported yield 90 gal/min. Temp. 76°F. <u>1</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-22-915	-- Franks	Ward and Ward Drilling Co.	1968	548	5	548	Kcpa	611	--	--	S, E 3	D	Cemented to bottom. Gun perforated from 530-538 ft. <u>Y Z</u>
* 23-101	Texas Electric Service	Layne-Texas Co.	1947	1,363	14 10	1,148 1,363	Kctm	560	293 764	Dec. 11, 1947 Nov. 6, 1974	T, E 200	N	Cemented to 1,148 ft. Screened from 1,154-1,184 and 1,215-1,334 ft. Pump set at 905 ft. Drawdown 217 ft pumping 539 gal/min when drilled. Temp. 84°F. <u>Y Z Z</u>
" 102	do	do	1950	1,352	14 8	1,178 1,352	Kctm	578	406.0 377.1 394.3	Nov. 7, 1950 Nov. 27, 1950 Feb. 11, 1951	T, E 200	B	Cemented to 1,178 ft. Screened from 1,180-1,230 and 1,238-1,340 ft. Underreamed. Gravel packed. Pump set at 900 ft. Reported yield 600 gal/min on July 15, 1955. Drawdown 198 ft pumping 768 gal/min when drilled. Measured yield 568 gal/min on July 22, 1965, and 450 gal/min on Aug. 27, 1968. Temp. 83°F. <u>Y Z</u>
* 103	do	--	1914	1,432	12 10 8 5	334 604 1,245 1,300	Kctm	570	65 473.3 639.3 810.8	1914 Jan. 12, 1954 July 22, 1965 Aug. 1, 1969	N	N	Drawdown 85 ft pumping 215 gal/min when drilled. Plugged. Temp. 84°F. <u>Y</u>
* 104	do	Layne-Texas Co.	1944	1,330	10 8 7	644 1,201 1,330	Kctm	570	292 491.1	Oct. 9, 1944 July 4, 1953	N	N	Screened from 1,210-1,330 ft. Reported yield 375 gal/min in July 1955. Drawdown 110 ft pumping 280 gal/min when drilled. Temp. 84°F.
105	Joe Lynch	--	--	700	4	--	Kcpa	650	365.1 360.9	Aug. 3, 1954 Jan. 7, 1955	N	N	<u>Y</u>
* 106	Texas Electric Service	Layne-Texas Co.	1947	1,376	14 10	1,235 1,376	Kctm	590	358 402.4 433.3 555.0	Dec. 1947 July 28, 1948 June 2, 1951 Oct. 25, 1954	N	N	Cemented to 1,235 ft. Screened from 1,239-1,359 ft. Reported yield 650 gal/min. Drawdown 166 ft pumping 548 gal/min when drilled. Measured yield 544 gal/min on July 22, 1965, and 422 gal/min on June 29, 1967. Temp. 84°F. <u>Y</u>
* 107	Tarrant County Water Conservation and Improvement District No. 2	Q. D. Lewis	1930	1,364	8 6	-- --	Kctm	620	371	May 22, 1946	N	N	Reported yield 224 gal/min. Temp. 80°F.
* 108	do	Layne-Texas Co.	1946	1,431	10 7	1,306 1,431	Kctm	650	374 493.5 654.9	May 29, 1946 Jan. 8, 1954 Jan. 20, 1957	N	N	Cemented to 1,306 ft. Screened from 1,305-1,423 ft. Measured yield 259 gal/min on Jan. 9, 1954. Drawdown 81 ft pumping 320 gal/min when drilled. <u>Y Z Z</u>
201	John Dunton	Ward and Ward Drilling Co.	1972	630	4	630	Kcpa	510	500	Feb. 15, 1972	S, E	D	Cemented to bottom. Gun perforated from 537-561; 572-578; 593-598; and 616-620 ft. Pump set at 588 ft. <u>Y Z</u>
202	Arlington Country Club	Watts Drilling Co.	1961	630	5 2	615 630	Kcpa	560	380	Apr. 1961	S, E 5	P	Cemented to 615 ft. Screened from 600-630 ft. Pump set at 580 ft. Reported yield 25 gal/min. <u>Y</u>
203	do	do	1962	590	8 6	557 590	Kcpa	560	240	May 1962	S, E 20	P	Cemented from 20-557 ft. Screened from 520-530 and 560-570 ft. Pump set at 546 ft. Reported yield 100 gal/min. Drawdown 100 ft pumping 125 gal/min when drilled. <u>Y</u>
* 204	Boswell Dairy	--	--	500	5	--	Kcpa	502	--	--	N	N	--
* 205	do	V. Watson	1951	19	30	19	Qal	505	15.7	Aug. 19, 1953	J, E 1 1/2	N	Livestock well no longer used.
* 301	Masonic Home	H. E. Turbeville	1925	950	6	--	Kcpa	640	290 403.7 430.0	Aug. 21, 1953 Nov. 23, 1954 June 1, 1961	N	N	Pumping level 430 ft pumping 19 gal/min on Sept. 20, 1954. Filled in to 793 ft. Abandoned.

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-23-302	Masonic Home	Henry C. Millican	1958	840	--	--	Kcpa	640	--	--	S, E 40	P	Reported yield 100 gal/min.
* 303	City of Arlington	Texas Water Wells, Inc.	1953	1,741	16 10 9 6	828 1,423 1,595 1,741	Kctm	658	510.7 501.0 500.5 792.0	June 27, 1953 Feb. 2, 1954 Mar. 31, 1954 1971	N	N	Screened from 1,600-1,740 ft. Drawdown 95.5 ft pumping 470 gal/min on June 29, 1953. Plugged in 1971. Temp. 88°F. <u>2</u>
* 304	City of Pantego	J. L. Myers Sons	1956	803	7 3	700 803	Kcpa	590	--	--	S, E 15	P	Screened from 56 ft opposite sand sections. Gravel packed. Reported yield 40 gal/min.
* 305	do	do	1959	1,552	7 4	1,468 1,552	Kctm	590	888.0	Jan. 25, 1977	S, E 40	P	Cemented to 1,468 ft. Screened from 1,471-1,551 ft. Gravel packed. Reported yield 90 gal/min. <u>1</u>
* 306	do	do	1966	1,670	8 4	1,533 1,670	Kctm	610	680	Mar. 1966	S, E 75	P	Cemented to 1,533 ft. Screened from 1,533-1,653 ft. Gravel packed. Reported yield 210 gal/min. <u>1</u> <u>2</u>
* 307	do	Layne-Texas Co.	1969	1,619	16 10	1,365 1,619	Kctm	580	793 870.0	July 24, 1969 Jan. 25, 1977	T, E 200	P	Cemented to 1,365 ft. Screened from 1,374-1,394; 1,409-1,429; and 1,449-1,560 ft. Underreamed. Gravel packed. Pump set at 1,100 ft. Drawdown 94 ft pumping 430 gal/min when drilled. Temp. 85°F. <u>1</u> <u>2</u>
* 308	Bill Trammell Nursery	Ticknor Drilling Service	1969	98	6	98	Kgw	575	15	Aug. 28, 1969	S, E 5	Irr	Perforated from 19-29; 35-40; and 50-95 ft. Gravel packed. Pump set at 85 ft. Drawdown 70 ft pumping 70 gal/min when drilled. <u>1</u>
309	City of Arlington	Kent Preston and Caudle	1955	951	12 6	826 951	Kcpa	658	438 687	Jan. 1955 1971	N	N	Drawdown 209 ft pumping 300 gal/min when drilled. Plugged in 1971.
* 310	R. G. Farrell	E. C. Stone Water Well Drilling Co.	1969	160	4	160	Kgw	595	40	Aug. 1, 1969	S, E 2	Irr	Cemented to bottom and gun perforated. Pump set at 147 ft. Drawdown 100 ft pumping 35 gal/min when drilled. Temp. 69°F. <u>1</u>
311	do	do	1966	126	4	126	Kgw	595	15	June 1966	S, E 2	Irr	Cemented to bottom and gun perforated. Gravel packed. Pump set at 106 ft. Drawdown 36 ft pumping 45 gal/min when drilled. <u>1</u>
312	Interlochen, Inc.	do	1972	710	4	680	Kcpa	600	480	June 29, 1972	S, E	D	Gun perforated from 168-626 and 666-672 ft. Pump set at 630 ft. <u>1</u> <u>2</u>
* 401	Texas Electric Service	Layne-Texas Co.	1950	1,346	14 8	1,004 1,342	Kctm	565	312.3 415.5 479.5	Nov. 13, 1950 Feb. 15, 1951 Oct. 25, 1954	T, E 200	N	Cemented to 1,004 ft. Screened from 1,004-1,038; 1,047-1,090; 1,162-1,179; 1,198-1,211; 1,232-1,252; and 1,271-1,326 ft. Underreamed. Gravel packed. Reported yield 700 gal/min in Feb. 1951. Drawdown 272 ft pumping 798 gal/min when drilled. Temp. 83°F. <u>1</u> <u>2</u>
402	Redwood Estates	Geyer Drilling Co.	1971	610	4	610	Kcpa	620	480	Nov. 20, 1971	S, E	Irr	Cemented to bottom and jet perforated. Gravel packed. Drawdown 8 ft pumping 11 gal/min when drilled. <u>1</u>
* 403	Texas Electric Service	Layne-Texas Co.	1950	1,397	22	27	Kctm	570	313	July 10, 1950	N	N	Drawdown 85 ft pumping 170 gal/min when drilled. Test well. Abandoned. <u>1</u> <u>2</u>
* 404	do	do	1950	1,352	14 8	1,064 1,362	Kctm	593	411 385	Jan. 19, 1951 Feb. 12, 1951	T, E 200	N	Cemented to 1,064 ft. Screened from 1,064-1,112; 1,134-1,144; 1,176-1,209; 1,246-1,260; and 1,313-1,350 ft. Underreamed. Gravel packed. Measured yield 586 gal/min on July 22, 1965, and 480 gal/min on Aug. 27, 1968. Drawdown 186 ft pumping 708 gal/min when drilled. Temp. 82°F. <u>1</u> <u>2</u>

See footnotes at end of table.



## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-23-405	Gouch Water Co.	C. Glenn Wallen Brothers	1953	544	8 7	-- --	Kcpa	582	--	--	N	N	Destroyed.
406	do	--	--	570	8	--	Kcpa	610	--	--	N	N	--
407	do	C. Glenn Wallen Brothers	1953	728	8 6	-- --	Kcpa	680	--	--	S, E 10	N	--
501	Charley Hoffman	Ward and Pennington	1952	650	5	--	Kcpa	560	320	Sept. 1952	C, E	D	--
* 502	Char-don Mobile Home Park	McKee and Turbeville	1959	699	5	--	Kcpa	600	--	--	S, E 15	P	--
503	do	H. E. Turbeville Drilling Contractor	1970	717	6	717	Kcpa	590	--	--	S, E 20	P	Cemented to 650 ft. Slotted from 617-717 ft. Gravel packed. <u>y</u>
504	Gouch Water Co.	Ward and Ward Drilling Co.	1964	685	7	663	Kcpa	640	--	--	S, E 15	P	Cemented to 663 ft. Open hole completion. Reported yield 30 gal/min. <u>y</u>
505	do	do	1969	700	7	680	Kcpa	600	--	--	S, E 10	P	Cemented to 680 ft and jet perforated. Reported yield 37 gal/min. <u>y</u>
506	do	--	1957	700	7	--	Kcpa	600	--	--	T, E 10	N	--
507	Dr. Whitely	E. C. Stone Water Well Drilling Co.	1973	760	4	760	Kcpa	650	560	June 24, 1973	S, E	D, S	Cemented to bottom and gun perforated from 693-702 ft. <u>y</u> <u>y</u>
* 601	Robert R. Seton	Ward and Ward Drilling Co.	1958	135	--	--	Kgw	650	112.8	Nov. 14, 1974	W	D	<u>y</u>
* 602	City of Dalworthington Gardens	Layne-Texas Co.	1935	773	8 6	638 773	Kcpa	600	221 300.0	Aug. 1935 Nov. 18, 1950	N	N	Cemented to 638 ft. Screened from 672-715 and 734-755 ft. Drawdown 134 ft pumping 153 gal/min when drilled. <u>y</u>
* 603	do	do	1954	786	8 4	625 786	Kcpa	570	352	May 4, 1954	N	N	Cemented to 625 ft. Screened from 628-669; 709-720; 726-748; and 759-776 ft. Underreamed. Gravel packed. Drawdown 101 ft pumping 90 gal/min when drilled. Plugged. <u>y</u> <u>y</u>
* 604	do	J. L. Myers Sons	1965	1,650	10 5	1,460 1,650	Kctm	600	677 830.0 855.0 840.0	Jan. 13, 1966 June 18, 1973 Dec. 9, 1974 Jan. 25, 1977	T, E 100	P	Cemented to 1,460 ft. Screened from 1,460-1,476; 1,486-1,496; 1,512-1,526; 1,536-1,570; and 1,578-1,630 ft. Underreamed. Gravel packed. Pump set at 950 ft. Reported yield 225 gal/min when drilled and 45 ft pumping 250 gal/min on Dec. 9, 1974. <u>y</u> <u>y</u>
605	C. C. Henslec	Ward and Ward Drilling Co.	1963	900	6	884	Kcpa	640	450	May 25, 1963	N	N	Cemented to 884 ft and open hole completion. Reported yield 40 gal/min. Trailer park went over on city water. <u>y</u>
606	Ranger Mobile Home Park	H. E. Turbeville Drilling Contractor	1967	807	4	732	Kcpa	640	602	Nov. 29, 1967	S, E 5	P	Cemented to 732 ft and open hole completion. Pump set at 714 ft. Reported yield 20 gal/min. <u>y</u>
* 607	Arlington Ventures	E. C. Stone Water Well Drilling Co.	1974	180	4	180	Kgw	580	20	Apr. 20, 1974	S, E 3	Irr	Perforated. Pump set at 140 ft. Estimated yield 25 gal/min in 1975. Drawdown 40 ft pumping 30 gal/min when drilled. Temp. 68°F. <u>y</u>
* 608	do	do	1974	200	4	200	Kgw	585	25	Feb. 27, 1974	S, E 3	Irr	Perforated. Gravel packed. Pump set at 147 ft. Measured yield 60 gal/min on June 2, 1975. Pumping level 65 ft at 30 gal/min when drilled. <u>y</u>
609	do	do	1974	210	4	210	Kgw	585	25	Nov. 18, 1974	S, E 3	Irr	Perforated. Gravel packed. Pump set at 160 ft. Drawdown 45 ft pumping 30 gal/min when drilled. <u>y</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-23-610	Jet Research Center	Jess Pearce	1951	776	7 5 4	120 675 783	Kcpa	590	288 435 435 520	Oct. 23, 1952 Mar. 23, 1959 Jan. 5, 1960 July 7, 1976	S, E 3	Ind	Perforated 35 ft. Pump set at 650 ft. Pumping level 570 ft on July 7, 1976.
611	do	J. L. Myers Sons	1957	1,612	7 5	1,530 1,612	Kctm	580	510 713 750	Mar. 29, 1957 Jan. 1966 July 12, 1976	S, E 40	Ind	Cemented to 1,530 ft. Screened from 1,530-1,610 ft. Gravel packed. Pump set at 888 ft. <u>1/2</u>
* 612	Christian Youth Center	C. M. Stoner Drilling Co.	1955	758	7	758	Kcpa	585	--	--	S, E	P	Cemented to 700 ft. Slotted from 698-746 ft. Originally Jet Research Center No. 2. <u>1/2</u>
* 701	City of Kennedale	J. L. Myers Sons	1956	700	10 6	535 700	Kcpa	605	348	Feb. 22, 1956	S, E 20	P	Cemented to 535 ft. Screened from 535-632 ft. Underreamed. Gravel packed. Drawdown 63 ft pumping 138 gal/min when drilled. <u>1/2</u>
* 702	do	Layne-Texas Co.	1952	721	10 7	632 721	Kcpa	650	320.5 470	Aug. 14, 1952 Mar. 20, 1963	S, E 20	P	Deepened from 670 ft on Mar. 20, 1963. Cemented to 632 ft. Screened from 632-665 and 670-716 ft. Gravel packed. Drawdown 71.5 ft pumping 111 gal/min when drilled and 61 ft pumping 156 gal/min after deepening. <u>1/2</u>
* 703	Triangle Service Station	Milner Supply Co.	1950	652	6 4	-- --	Kcpa	630	250	June 1950	N	N	Supplied water to 25 families. <u>1/2</u>
* 704	City of Kennedale	J. L. Myers Sons	1970	702	10 6	552 702	Kcpa	650	520	July 13, 1970	S, E 20	P	Cemented to 552 ft. Screened from 552-596; 600-606; 615-625; 642-647; 652-656; and 660-690 ft. Gravel packed. Pump set at 672 ft. Drawdown 137 ft pumping 65 gal/min when drilled. <u>1/2</u>
* 705	do	Lanford Drilling Co.	1970	1,450	16 10	1,280 1,450	Kctm	650	800 869.0	Jan. 5, 1971 Jan. 25, 1977	S, E 250	P	Cemented to 1,280 ft. Screened from 1,284-1,335; 1,350-1,390; 1,400-1,420; and 1,430-1,450 ft. Underreamed. Gravel packed. Pump set at 1,100 ft. Reported yield 750 gal/min. Drawdown 210 ft pumping 400 gal/min when drilled. <u>1/2</u>
* 706	Couch Water Co.	--	--	580	8	--	Kcpa	625	--	--	T, E 7 1/2	P	--
* 802	City of Arlington	Layne-Texas Co.	1966	1,612	13 8	1,400 1,612	Kctm	672	710.0 838.0 922.0	May 30, 1966 Aug. 5, 1971 Jan. 24, 1977	S, E 150	P	Cemented to 1,400 ft. Screened from 1,408-1,462; 1,490-1,500; and 1,510-1,580 ft. Underreamed. Gravel packed. Pump set at 1,130 ft. Reported yield 325 gal/min. Drawdown 110 ft pumping 503 gal/min when drilled. <u>1/2</u>
* 901	Home Transportation Co.	E. C. Stone Water Well Drilling Co.	1969	338	4	338	Kgw	657	150	June 26, 1969	S, E 2	Ind	Cemented to 338 ft. Jet perforated at eight intervals between 179-314 ft. Pump set at 315 ft. Drawdown 30 ft pumping 15 gal/min when drilled. <u>1/2</u>
902	American Way Homes	do	1969	308	4	308	Kgw	650	150 173.9	July 29, 1969 May 21, 1975	S, E 2	Ind	Cemented to 308 ft. Jet perforated from 290-300 ft. Pump set at 294 ft. Drawdown 20 ft pumping 20 gal/min when drilled. <u>1/2</u>
903	Oliver Fannin	do	1967	160	4	160	Kgw	612	60	Oct. 20, 1967	S, E 2	Irr	Cemented to 119 ft. Perforated from 109-154 ft. Reported yield 80 gal/min. Water below 160 ft bad. <u>1/2</u>
904	Tommy Moore	Ticknor Drilling Service	1974	230	4	200	Kgw	650	147	July 13, 1974	S, E	Irr	Cemented to 200 ft. Open hole completion. Pump set at 203 ft. Drawdown 45 ft pumping 26 gal/min when drilled. <u>1/2</u>
* 905	H. R. Elliott	E. C. Stone Water Well Drilling Co.	1972	310	4	310	Kgw	632	150	July 25, 1972	S, E 1 1/2	S	Cemented to bottom. Gun perforated from 266-270 ft. Drawdown 30 ft pumping 24 gal/min when drilled. Temp. 71°F. <u>1/2</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-24-101	City of Arlington	Layne-Texas Co.	1942	1,775	13 8 7	654 1,566 1,775	Kctm	638	239 566 859	Sept. 12, 1942 Apr. 28, 1955 Dec. 1971	N	N	Cemented to 1,566 ft. Screened from 1,567-1,751 ft. Measured yield 369 gal/min on Sept. 9, 1953. Drawdown 135 ft pumping 602 gal/min when drilled; 72 ft pumping 448 gal/min on May 22, 1946; and 57 ft pumping 420 gal/min on May 1, 1955. Plugged in 1971. Temp. 86°F. <u>1</u> <u>2</u> <u>3</u>
* 102	do	J. L. Myers Sons	1947	1,774	13 8 6	761 1,661 1,775	Kctm	558	235 300.7 800	June 11, 1947 Nov. 11, 1950 1971	N	N	Screened from 1,639-1,755 ft. Drawdown 112 ft pumping 512 gal/min when drilled. Plugged. <u>2</u> <u>3</u>
* 103	do	Texas Water Wells, Inc.	1952	1,817	14 10 6	800 1,650 1,817	Kctm	598	405 478.3 871.0	Apr. 3, 1952 Feb. 1, 1954 June 4, 1974	N	N	Screened from 1,650-1,813 ft. Drawdown 98.2 ft pumping 510 gal/min on Apr. 3, 1953. Plugged in 1974. <u>2</u>
* 104	do	McKee and Hightower	1930	900	12	--	Kcpa	640	376.7 447.0	Nov. 23, 1953 Apr. 27, 1955	S, E 100	N	Measured drawdown 87 ft pumping 376 gal/min on Sept. 8, 1953, and 137 ft pumping 312 gal/min on Apr. 27, 1955. <u>3</u>
105	do	McKee Drilling Co.	1927	1,463	12 10 8	-- -- --	Kctm	610	--	--	N	N	Plugged. <u>1</u>
106	do	Q. D. Lewis	1920	900	10	--	Kcpa	635	383.5 373.3	July 1, 1952 Sept. 8, 1953	N	N	Drawdown 172 ft pumping 160 gal/min on Sept. 9, 1953.
107	do	Texas Water Wells, Inc.	1954	984	12 6	799 983	Kcpa	600	333.2 355.1 602.0	Jan. 18, 1954 Dec. 2, 1954 May 27, 1974	N	N	Screened from 824-856; 864-875; 882-894; and 910-972 ft. Drawdown 221 ft pumping 280 gal/min on Jan. 12, 1954. Plugged.
108	do	Kent, Preston and Caudle	1955	1,045	12 6	820 1,045	Kcpa	630	451	Feb. 1955	S, E 100	N	Screened from 825-860; 870-912; 922-956; 966-992; and 1,005-1,015 ft. Drawdown 101 ft pumping 400 gal/min when drilled.
109	do	do	1955	1,859	16 13	1,000 1,859	Kctm	630	566	Apr. 1955	S, E 125	N	Screened from 1,712-1,848 ft. Drawdown 88 ft pumping 508 gal/min when drilled.
110	William B. Edgar	B. and H. Drilling Co.	1953	42	5	42	Kgw	560	11.4	July 7, 1953	J, E 1/3	Irr	Drawdown 17 ft pumping 67 gal/min on July 8, 1953.
* 201	City of Arlington	Texas Water Wells, Inc.	1952	1,941	16 13 10 6	800 946 1,726 1,941	Kctm	593	421.6 527 557 877	Jan. 3, 1953 Mar. 31, 1954 Aug. 2, 1954 May 15, 1974	N	N	Screened from 1,783-1,930 ft. Drawdown 94 ft pumping 508 gal/min on Jan. 3, 1953. Plugged in 1974. <u>1</u> <u>2</u> <u>3</u>
* 202	do	do	1954	1,074	12 6	884 1,070	Kcpa	593	362 441.1	Feb. 27, 1954 Dec. 17, 1954	T, E 100	N	Screened from 888-908; 922-954; and 970-1,058 ft. Drawdown 126 ft pumping 402 gal/min when drilled. Temp. 81°F. <u>3</u>
301	Arlington State College Farm	J. L. Myers Sons	1951	1,060	5	--	Kcpa	565	318.4 458.1	Oct. 28, 1953 Apr. 11, 1956	C, E 1 1/2	D, S	<u>3</u>
402	Southwestern Bell Telephone	do	1974	970	7 3	880 970	Kcpa	655	605	Oct. 23, 1974	S, E	P, Irr	Cemented to 880 ft. Screened from 880-890; 911-953; and 960-965 ft. Gravel packed. Pump set at 756 ft. Drawdown 85 ft pumping 78 gal/min when drilled. <u>1</u>
* 403	Groff Industries	E. C. Stone Water Well Drilling Co.	1972	906	4	906	Kcpa	680	640	Jan. 24, 1972	S, E 5	Ind	Cemented to 906 ft. Gun perforated from 812-818; 851-855; and 868-874 ft. Pump set at 735 ft. Pumps sand. <u>1</u> <u>2</u>
* 404	Ben Daskocil	Ward and Ward Drilling Co.	1971	344	4	344	Kgw	685	140	Aug. 9, 1971	S, E	P, Ind	Cemented to bottom and gun perforated from 229-234; 276-278; and 291-294 ft. Pump set at 273 ft. <u>1</u> <u>2</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-24-405	Southland Acres	Ward and Ward Drilling Co.	1969	347	4	347	Kgw	680	--	--	S, E	P	Cemented to bottom and gun perforated from 238-248 and 330-338 ft. <u>2</u>
406	Michalski and Fitzgerald Electrical Contractors	E. C. Stone Water Well Drilling Co.	1970	316	4	316	Kgw	675	220	May 1, 1970	S, E	N	Cemented to bottom. Jet perforated 6 intervals between 140-300 ft. Abandoned due to high iron content. <u>2</u>
407	Fantastic Homes	do	1970	300	4	300	Kgw	665	140	June 19, 1970	S, E	P, Irr	Cemented to bottom. Jet perforated from 225-231 and 258-264 ft. Drawdown 45 ft pumping 18 gal/min when drilled. <u>2</u>
408	H. H. Edwards	Ticknor Drilling Service	1967	271	4	271	Kgw	680	185	Mar. 18, 1967	S, E 1	Ind	Cemented to bottom. Gun perforated from 235-242 and 244-246 ft. Pump set at 240 ft. <u>2</u>
* 501	City of Grande Prairie	Texas Water Wells, Inc.	1974	2,150	8	1,962	Kctm	591	890	Sept. 4, 1974	S, E 350	P	Cemented to 1,803 ft. Screened from 1,805-1,958 ft. Underreamed. Gravel packed. Pump set at 1,500 ft. Measured yield 710 gal/min on Apr. 4, 1975. Drawdown 1,032 ft pumping 901 gal/min when drilled. <u>2</u>
* 502	Hardware and Metals Industry	A. B. Hoipkemeier Drilling Co.	1974	350	4	350	Xgw	585	105	June 4, 1975	S, E 3	Ind	Cemented to bottom. Gun perforated from 333-348 ft. Pump set at 250 ft. Measured yield 25 gal/min on June 4, 1975. Temp. 77°F. <u>2</u>
* 503	Arbrook, Inc.	J. L. Myers Sons	1970	1,034	7 3	899 1,034	Kcpa	596	570	Apr. 21, 1970	S, E 40	Irr, Ind	Cemented to 899 ft. Screened from 899-920; 944-954; and 971-1,002 ft. Gravel packed. Pump set at 700 ft. Reported yield 160 gal/min. <u>2</u>
504	do	do	1972	1,050	8 4	904 1,050	Kcpa	596	600	Aug. 29, 1972	S, E 20	Irr, Ind	Cemented to 904 ft. Screened from 904-925; 956-992; and 996-1,035 ft. Underreamed. Gravel packed. Pump set at 817 ft. Reported yield 75 gal/min. <u>2</u>
* 505	Traders Village	E. C. Stone Water Well Drilling Co.	1973	395	4	395	Kgw	580	180	June 30, 1973	S, E 5	Irr	Cemented to bottom. Gun perforated from 210-220 and 325-334 ft. Pump set at 295 ft. Drawdown 30 ft pumping 16 gal/min when drilled. <u>2</u>
* 506	Ortho Company	J. L. Myers Sons	1972	2,000	10 7	1,305 2,000	Xctm	608	--	--	S, E 85	Ind	Cemented to 1,830 ft. Screened from 1,830-1,862 and 1,872-1,914 ft. Pump set at 905 ft. Pumping level 867 ft at 220 gal/min on Nov. 22, 1972. <u>2</u>
* 601	R. H. Watkins	Walling Brothers	1937	125	4	125	Kgw	577	47.2	Aug. 12, 1953	W	D, S	--
701	City of Arlington	J. L. Myers Sons	1962	940	7 3	868 940	Kcpa	615	584.0	Aug. 15, 1973	N	N	Cemented to 868 ft. Screened 868-898 and 915-936 ft. Underreamed. Gravel packed. Plugged. <u>2</u>
801	A. V. Ball	E. C. Stone Water Well Drilling Co.	1967	340	4	340	Kgw	555	160	Nov. 16, 1967	S, E	D, S	Cemented to bottom. Gun perforated from 310-320 ft. Drawdown 20 ft pumping 12 gal/min when drilled. <u>2</u>
802	Robert Wagoner	Day Drilling Co.	1966	1,020	7	1,010	Kcpa	568	260	Aug. 11, 1966	S, E 3	D, S	Cemented to 860 ft. Slotted from 860-1,010 ft. Gravel packed. Pump set at 350 ft. Reported yield 50 gal/min. <u>2</u>
803	J. R. Ashcraft	E. C. Stone Water Well Drilling Co.	1970	336	4	328	Xgw	595	225	Sept. 10, 1970	S, E	D	Cemented to 328 ft. Gun perforated 5 intervals between 266-321 ft. Pump set at 315 ft. Drawdown 90 ft pumping 10 gal/min when drilled. <u>2</u>
28-201	J. Danciger	Jones Drilling Co.	1954	680	10 8 5	250 502 650	Kcpa, Kctm	850	140.8	Nov. 24, 1954	N	N	Perforated from 170-190 and 610-650 ft. <u>2</u>
202	do	do	1955	780	10 8	-- 670	Kctm	800	258.2	Feb. 14, 1955	N	N	Cemented from 670-780 ft. <u>2</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-28-203	J. Danciger	Jones Drilling Co.	1954	780	6	350	Kcpa	800	144.1	Feb. 14, 1955	N	N	Plugged back from 780 to 350 ft. Gas reported in sand from 763-780 ft.
204	do	do	1955	766	10 8	220 692	Kctm	780	237.4	Mar. 15, 1955	N	N	--
205	do	do	1954	171	6	171	Kcpa	775	86.4 100.9	Nov. 24, 1954 Sept. 24, 1975	N	N	Pumping level on Feb. 28, 1955, 140 ft pumping 15 gal/min.
* 301	A. T. Watts	Watts Drilling Co.	1973	210	5	210	Kcpa	740	100	Sept. 21, 1973	S, E 1 1/2	D	Cemented to 190 ft. Torch perforated from 190-210 ft. Pump set at 189 ft. <u>y</u>
* 502	R. P. Scaling	H. Measures	--	350	--	--	Kcpa	948	240	1946	C, E 5	D, S	--
601	do	--	--	--	--	--	Kcpa	855	241.4 247.9	Aug. 18, 1953 Nov. 26, 1954	C, W	D, S	--
* 29-101	U.S. Army Corps of Engineers	Ward and Ward Drilling Co.	1962	280	4	280	Kcpa	720	--	--	S, E	P	--
* 102	do	Watts Drilling Co.	1965	270	4 2	232 270	Kcpa	710	152	Dec. 1965	S, E 2	P	Cemented to 232 ft. Perforated from 230-270 ft. Pump set at 189 ft. Drawdown 17 ft pumping 10 gal/min when drilled. <u>y</u>
103	Rocky Creek Marina	do	1973	335	4	335	Kcpa	705	190	Apr. 1973	S, E 2	P	Cemented to 275 ft. Slotted from 275-335 ft. Pump set at 252 ft. <u>y</u>
* 104	U.S. Army Corps of Engineers	do	1963	247	4	247	Kcpa	720	--	--	S, E 1 1/2	P	--
* 105	do	do	1961	235	4	235	Kcpa	725	23.4	Feb. 3, 1961	S, E	P	<u>y y</u>
* 106	do	do	1961	238	4	238	Kcpa	720	--	--	S, E	P	<u>y</u>
* 201	do	Ward and Ward Drilling Co.	1963	292	4 3	282 292	Kcpa	720	210	July 10, 1963	S, E 1 1/2	P	Cemented to 282 ft. Slotted from 282-292 ft. Pump set at 262 ft. Drawdown 32 ft pumping 10 gal/min when drilled. <u>y</u>
* 202	do	do	1963	297	4	297	Kcpa	765	--	--	S, E 1 1/2	P	<u>y</u>
* 203	St. Francis Village	H. E. Turbeville Water Well Contractor	1964	392	10 6	324 392	Kcpa	780	245	Jan. 12, 1964	T, E 20	P	Cemented to 324 ft. Screened from 324-339 and 350-382 ft. Gravel packed. Pump set at 374 ft. <u>y</u>
204	do	do	1964	370	10 6	304 370	Kcpa	765	236	Mar. 27, 1964	T, E 20	P	Cemented to 304 ft. Screened from 304-359 ft. Gravel packed. <u>y</u>
205	do	do	1964	365	10 6	299 365	Kcpa	768	230	May 15, 1964	T, E 20	P	Cemented to 299 ft. Screened from 300-355 ft. Gravel packed. Pump set at 354 ft.
501	John L. Merrill	C. Glenn Wallen and Son	1969	420	4	404	Kcpa	750	279	Feb. 6, 1969	S, E 1 1/2	D	Cemented to 336 ft. Slotted from 339-404 ft. Pump set at 330 ft. <u>y y</u>
30-101	Community Water Co.	do	--	590	4	--	Kcpa	765	--	--	S, E 3	P	--
* 102	Jemco, Inc.	do	1973	557	4	554	Kcpa	777	445	July 10, 1973	S, E	Ind	Cemented to 504 ft. Gun perforated from 486-493 ft and slotted from 507-517; 520-534; and 541-554 ft. Pump set at 499 ft. <u>y y</u>
103	Span Oil Co.	Ward and Ward Drilling Co.	1971	509	4	509	Kcpa	750	--	--	S, E 1 1/2	N	Cemented to bottom and gun perforated. Pump set at 441 ft. <u>y</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
XU-32-30-104	Joe Crouch	Watts Drilling Co.	1970	540	4	540	Kcpa	782	405	Oct. 1970	S, E 2	D, S	Cemented from 300-505 ft. Slotted. Pump set at 483 ft. Reported yield 15 gal/min. <u>1/2</u>
* 105	City of Crowley	C. M. Stoner Drilling Co.	1970	1,214	7	1,214	Kctm	750	--	--	S, E 50	P	Cemented to 1,090 ft. Slotted from 1,100-1,200 ft. Pump set at 1,050 ft. Reported yield 100 gal/min. Temp. 72°F. <u>1/2</u>
106	do	do	1971	1,220	7	1,220	Kctm	735	833	Nov. 24, 1971	S, E 40	P	Cemented to bottom. Slotted from 1,115-1,220 ft. Pump set at 1,062 ft. Reported yield 100 gal/min. <u>1/2</u>
107	F. G. Wilbanks, Jr.	C. Glenn Wallen and Son	1972	577	4	560	Kcpa	760	443	July 29, 1972	S, E	P, Ind	Cemented to 529 ft. Gun perforated from 493-500 ft and slotted from 532-544 and 547-550 ft. Gravel packed. Pump set at 552 ft. Drawdown 14 ft pumping 6 gal/min when drilled. <u>1/2</u>
* 108	Western Homes Development Co.	--	--	770	4	--	Kcpa	745	390	June 1953	S, E 3	P	--
109	Southwest Wood	Watts Drilling Co.	1972	543	4	543	Kcpa	770	430	Feb. 1972	S, E 5	Ind	Cemented to 523 ft. Slotted from 523-543 ft. Pump set at 500 ft. <u>1/2</u>
201	Garden Acres Water Co.	Milner Supply Co.	1954	--	--	--	Kcpa	686	--	--	N	N	Town went on Fort Worth water.
* 202	Don Ase	--	1935	500	--	--	Kcpa	730	441.1 455.8	Nov. 25, 1970 Nov. 6, 1974	C, E	D, S	<u>3/2</u>
203	Ethel Stuckart	C. Glenn Wallen and Son	1964	570	10 7	26 562	Kcpa	672	420	May 14, 1964	S, E 15	N	Slotted from 507-528 and 538-562 ft. Gravel packed. Reported yield 90 gal/min. Drawdown 27 ft pumping 23 gal/min when drilled. <u>1/2</u>
301	City of Everman	Henry C. Millican	1964	590	10 7	515 590	Kcpa	670	447	July 27, 1964	S, E 20	P	Cemented to 515 ft. Screened from 515-556 and 562-578 ft. Underreamed. Gravel packed. Reported yield 65 gal/min. Drawdown 80 ft pumping 100 gal/min when drilled. Pumping level 480 ft on Jan. 24, 1977. <u>1/2</u>
401	Glen Hampton	--	--	500	4	--	Kcpa	785	387.7 450.8	June 28, 1956 Nov. 6, 1974	N	N	<u>3/2</u>
* 402	City of Crowley	McKee Drilling Co.	1952	535	6	--	Kcpa	780	360	June 1952	S, E 10	P	Measured yield 50 gal/min on Feb. 22, 1955. Temp. 71°F. <u>1/2</u>
403	Crowley Public School	--	--	500	4	--	Kcpa	785	358.9 371.0	Dec. 8, 1953 May 2, 1955	N	N	<u>3/2</u> Destroyed.
* 404	City of Crowley	C. M. Stoner Drilling Co.	1963	1,212	7	1,212	Kctm	765	640 832.0	Sept. 8, 1963 Mar. 18, 1975	S, E 40	P	Cemented to 1,116 ft. Slotted from 1,116 to 1,212 ft. Reported yield 90 gal/min. <u>1/2</u>
* 405	do	do	1963	550	6	550	Kcpa	790	--	--	S, E 10	P	Gun perforated. Reported yield 40 gal/min.
* 406	do	do	1969	1,217	7	1,217	Kctm	800	840	July 3, 1969	S, E 50	P	Cemented to 1,155 ft. Gun perforated from 1,116-1,131 ft and slotted from 1,155-1,217 ft. Pump set at 1,050 ft. Reported yield 80 gal/min. <u>1/2</u>
* 407	do	C. Glenn Wallen and Son	1967	1,213	7	1,208	Kctm	800	625	May 15, 1967	S, E 40	P	Cemented to 1,205 ft. Gun perforated from 1,036-1,044; 1,048-1,056; 1,068-1,086; 1,116-1,120; 1,149-1,160; and 1,179-1,188 ft. Reported yield 80 gal/min. <u>1/2</u>
408	do	C. M. Stoner Drilling Co.	1970	1,210	7	1,210	Kctm	730	900	July 15, 1970	S, E 50	P	Cemented to 1,066 ft. Slotted from 1,066-1,170 ft. Pump set at 1,057 ft. Reported yield 140 gal/min. <u>1/2</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-30-504	B. J. Russell	--	1961	640	4 2	535 640	Kcpa	703	545	Nov. 17, 1970	C, E	D	--
* 505	South Freeway Industrial Co.	E. C. Stone Water Well Drilling Co.	1968	581	4	550	Kcpa	708	420	Nov. 22, 1968	S, E 5	Ind	Cemented to 550 ft. Jet perforated from 452-461; 474-483; 488-492; 514-518; and 531-535 ft. Pump set at 425 ft. <u>Y</u> <u>Z</u>
* 506	M. H. Spinks Enterprises	Watts Drilling Co.	1969	1,296	7	1,202	Kctm	675	845	Dec. 1969	S, E 30	P, Ind	Cemented to 1,176 ft. Slotted from 1,176-1,202 ft. Reported yield 90 gal/min. Temp. 86°F. <u>Y</u>
* 603	Lunar Lane Water Co.	Ward and Ward Drilling Co.	1972	608	7	608	Kcpa	670	475	Sept. 1, 1972	S, E	P	Cemented to bottom. Gun perforated from 586-594 and 530-550 ft. Gravel packed. Pump set at 550 ft. <u>Y</u>
604	Tarrant Utility Co.	Henry C. Millican	1974	697	10 7	593 697	Kcpa	700	516	July 20, 1974	S, E	P	Cemented to 593 ft. Screened from 593-691 ft. Gravel packed. <u>Y</u>
* 605	Bethesda Water Supply Corporation	Layne-Western Co.	1976	1,526	10 6	1,378 1,526	Kctm	752	888 912.0	July 8, 1976 Dec. 22, 1976	T, E 150	P	Cemented to 1,372 ft. Screened. Underreamed. Gravel packed. Pump set at 1,100 ft. Drawdown 210 ft pumping 400 gal/min when drilled. <u>Y</u>
* 31-101	Tarrant Utility Co.	McKee Drilling Co.	1954	715	8 6 4	115 663 715	Kcpa	760	388	Jan. 1954	S, E	P	Perforated from 655-715 ft. <u>Y</u>
* 102	Community Water Co.	C. M. Stoner Drilling Co.	1972	840	7	840	Kcpa	750	600	June 16, 1972	S, E 10	P	Cemented to 760 ft. Screened from 766-786 and 812-822 ft. <u>Y</u> <u>Z</u>
* 103	do	do	1971	768	4	768	Kcpa	690	550	Jan. 28, 1971	S, E 5	P	Cemented to bottom. Gun perforated from 684-688; 707-709; 712-714; and 719-723 ft. Pump set at 672 ft. Reported yield 23 gal/min. <u>Y</u> <u>Z</u>
* 104	Bethesda Water Supply Corporation	Layne-Texas Co.	1965	1,551	12 8 6	1,235 1,245 1,547	Kctm	720	660 940.0	June 8, 1965 Dec. 22, 1976	S, E 125	P	Cemented to 1,235 ft. Screened from 1,248-1,268; 1,298-1,308; 1,326-1,341; 1,371-1,396; 1,404-1,419; and 1,434-1,494 ft. Underreamed. Gravel packed. Pump set at 1,100 ft. Drawdown 100 ft pumping 350 gal/min when drilled. <u>Y</u> <u>Z</u>
105	Bennie Beatty	Ward and Ward Drilling Co.	1969	763	4	759	Kcpa	680	--	--	S, E 2	D, S	Cemented to 759 ft. Jet perforated from 683-686 and 740-746 ft. Pump set at 672 ft. <u>Y</u> <u>Z</u>
* 106	Friendly Oaks Mobile Home Park	do	1970	806	7	806	Kcpa	750	580	Aug. 8, 1970	S, D 10	P	Cemented to bottom. Jet perforated from 717-722; 766-774; 780-784; and 793-802 ft. <u>Y</u> <u>Z</u>
107	Jordan Trailer Park	do	1968	715	4	698	Kcpa	655	--	--	S, E	P	Cemented to 698 ft. Open hole. Pump set at 630 ft. Reported yield 16 gal/min. <u>Y</u>
201	Clayton Thompson	C. M. Stoner Drilling Co.	1966	269	4	269	Kgw	690	165	Sept. 18, 1966	S, E 1	Ind	Cemented to bottom. Gun perforated from 199-205; 208-215; and 250-256 ft. Pump set at 192 ft. Yield 10 gal/min. <u>Y</u>
202	Jet Guns	do	1962	719	4	719	Kcpa	710	500	Sept. 26, 1962	S, E 5	Ind	Cemented to bottom. Gun perforated from 677-717 ft. Pump set at 600 ft. Reported yield 15 gal/min. <u>Y</u>
* 203	Sonny Wooten	Ticknor Drilling Service	1974	50	4	50	Kgw	700	20	Apr. 3, 1974	J, E 3/4	Ind	Perforated from 35-50 ft. Gravel packed. Drawdown 15 ft pumping 25 gal/min when drilled. <u>Y</u>
* 301	H. J. Harris	H. J. Harris	1964	171	4	171	Kgw	680	92.9	Nov. 19, 1970	S, E	D	<u>Y</u>
302	Douglas Cope	E. C. Stone Water Well Drilling Co.	1968	260	4	246	Kgw	625	100	Oct. 16, 1968	S, E 1	D	Cemented to 246 ft. Gun perforated from 234-242 ft. Pump set at 210 ft. Drawdown 40 ft pumping 24 gal/min when drilled. <u>Y</u> <u>Z</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks	
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement				
XU-32-31-303	Paul Brewer	E. C. Stone Water Well Drilling Co.	1967	251	4	240	Kgw	670	65	Dec. 6, 1967	S, E	D	Cemented to 240 ft. Jet perforated from 222-228 ft. Drawdown 45 ft pumping 18 gal/min when drilled. <u>1</u> <u>2</u>	
304	Breezy Oak Mobile Park	do	1968	852	4 1	795 852	Kcpa	670	550	Jan. 4, 1969	S, E 5	P	Cemented to 795 ft. Gun perforated from 758-768 and slotted from 791-852 ft. Gravel packed. Pump set at 640 ft. Drawdown 50 ft pumping 20 gal/min when drilled. <u>1</u> <u>2</u>	
305	C. J. Walker	Ticknor Drilling Service	1975	232	4	232	Kgw	680	140	Apr. 12, 1975	S, E	D	Cemented to bottom. Gun perforated from 221-225 ft. <u>1</u> <u>2</u>	
306	Jack Jessuk	E. C. Stone Water Well Drilling Co.	1967	256	4	248	Kgw	661	150	May 22, 1967	S, E 1 1/2	N	Cemented to bottom. Gun perforated from 228-237 ft. Pumping level 238 ft at 20 gal/min when drilled. <u>1</u> <u>2</u>	
307	T. C. Murray	Ticknor Drilling Service	1977	220	4	220	Kgw	664	90	Nov. 1, 1977	S, E	D	Cemented to bottom. Gun perforated from 189-195 ft. <u>1</u> <u>2</u>	
308	Robert Brandon	do	1974	220	4	220	Kgw	665	122	Nov. 15, 1974	S, E	D	Cemented, Gun perforated from 191-195 and 200-202 ft. <u>1</u> <u>2</u>	
309	J. R. Humphus	do	1974	217	4	217	Kgw	665	130	Nov. 18, 1974	S, E	D	Cemented, Gun perforated from 188-192; 200-201; and at 208 ft. Pumping level 180 ft at 9 gal/min. <u>1</u> <u>2</u>	
*	402	Circle R. Water Co.	Wells Drilling Co.	1970	734	7 5	660 734	Kcpa	750	584	June 10, 1970	S, E	P	Cemented to 660 ft. Slotted from 687-730 ft. Drawdown 25 ft pumping 30 gal/min when drilled. <u>1</u>
*	403	J. L. Bagwell	do	1970	717	4	693	Kcpa	740	547	Jan. 23, 1970	S, E 3	D, Ind	Cemented to 693 ft. Slotted from 673-693 ft. Drawdown 22 ft pumping 15 gal/min when drilled. <u>1</u> <u>2</u>
*	405	Tarrant Utility Co.	Henry C. Millican	1968	780	13 10 7	142 690 780	Kcpa	762	560	Sept. 4, 1968	S, E	P	Cemented to 690 ft. Screened from 690-775 ft. Underreamed. Gravel packed. Drawdown 130 pumping 135 gal/min when drilled. <u>1</u>
406	James Tanton	Geyer Drilling Co.	1973	805	4	805	Kcpa	735	600	May 15, 1973	S, E 3	D	Cemented to bottom. Gun perforated from 760-772 ft. <u>1</u> <u>2</u>	
501	Westside Rural Water Supply Corporation	C. M. Stoner Drilling Co.	1971	867	7 3	730 867	Kcpa	700	527	June 4, 1971	S, E 15	P	Cemented to 730 ft. Screened from 732-737; 752-772; 792-802; 822-827; and 834-854 ft. Gravel packed. Pump set at 672 ft. Drawdown 139 ft pumping 40 gal/min when drilled. <u>1</u>	
502	Warren Dorsey	Geyer Drilling Co.	1974	193	4	193	Kgw	655	140	Mar. 11, 1974	S, E 2	P	Cemented to bottom. Gun perforated from 171-175 ft. Drawdown 10 ft pumping 11 gal/min when drilled. <u>1</u> <u>2</u>	
503	Paul Hill	Ward and Ward Drilling Co.	1971	763	4	752	Kcpa	650	--	--	S, E	D	Cemented to bottom. Jet perforated from 719-726; 730-735; and 746-748 ft. <u>1</u> <u>2</u>	
504	Mohawk Water Corporation	Geyer Drilling Co.	1971	225	4	225	Kgw	643	140	Dec. 14, 1971	S, E 1	P	Cemented to bottom and jet perforated. Drawdown 20 ft pumping 14 gal/min when drilled. <u>1</u>	
505	L. Middleton	Ticknor Drilling Service	1971	224	4	211	Kgw	655	140	June 26, 1971	S, E	D	Cemented to 211 ft. Gun perforated from 156-169 ft. <u>1</u>	
506	Alex Jenkins	Geyer Drilling Co.	1975	195	4	195	Kgw	660	150	Mar. 20, 1975	S, E 3/4	D	Cemented to 195 ft. Gun perforated from 185-189 ft. Pump set at 168 ft. <u>1</u> <u>2</u>	
*	601	City of Mansfield	S. Stoner	1945	200	10 7	107 200	Kgw	600	43.0	May 22, 1946	N	N	Reported yield 75 gal/min. Temp. 69°F.

See footnotes at end of table.



## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-31-602	City of Mansfield	-- Rose	1934	200	10 8	-- --	Kgw	610	60	May 22, 1946	N	N	Reported yield 70 gal/min. Measured yield 94 gal/min on Nov. 18, 1950. Temp. 67°F.
603	do	--	--	225	8	--	Kgw	590	--	--	N	N	--
* 604	do	S. Stoner	1944	200	10 8	135 200	Kgw	615	88.6	May 22, 1946	N	N	--
* 605	do	J. L. Myers Sons	1955	1,735	10 6	1,588 1,734	Kctm	625	423	Apr. 2, 1955	S, E 100	P	Cemented to 1,588 ft. Screened from 1,592-1,614 and 1,633-1,708 ft. Gravel packed. Pump set at 894 ft. Reported yield 200 gal/min in 1975. Drawdown 146 ft pumping 390 gal/min when drilled. Temp. 91°F. <u>1/2</u>
* 606	do	Katy Drilling Co.	1965	1,765	12 6	1,550 1,734	Kctm	612	--	--	S, E 150	P	Cemented to 1,550 ft. Screened from 1,550-1,724 ft. Pump set at 965 ft. Reported yield 350 gal/min in 1975. Pumping level 724 ft at 402 gal/min when drilled. Temp. 92°F. <u>1/2</u>
607	Walnut Creek Country Club	E. C. Stone Water Well Drilling Co.	1973	280	4	280	Kgw	575	80	Nov. 10, 1973	N	N	Cemented to bottom. Gun perforated from 132-134; 158-170; and 178-185 ft. Drawdown 60 ft pumping 20 gal/min when drilled. Capped. <u>1/2</u>
* 32-101	J. B. Hastings	J. W. Ball	1952	165	4	--	Kgw	550	60	Aug. 1952	C, E 1/2	D	--
102	J. D. Stufflebeme	E. C. Stone Water Well Drilling Co.	1968	357	4	212	Kgw	622	70	Feb. 7, 1968	N	N	Cemented to 212 ft. Gun perforated from 188-197 ft. <u>1/2</u>
103	do	do	1968	302	4	204	Kgw	610	70	Feb. 1, 1968	N	N	Cemented to 204 ft. Gun perforated from 178-182 ft. Drawdown 30 ft pumping 16 gal/min when drilled. <u>1/2</u>
104	George Willis	Geyer Drilling Co.	1973	286	4	286	Kgw	583	220	July 5, 1973	S, E 1/2	D	Cemented to bottom. Gun perforated from 256-260 ft. <u>1/2</u>
105	Arnold Crone	Ticknor Drilling Service	1974	115	4	115	Kgw	618	50	Mar. 25, 1974	S, E	D	Perforated from 95-115 ft. <u>1/2</u>
201	Glenn McGourak	do	1969	256	4	236	Kgw	525	140	Mar. 18, 1969	S, E 1 1/2	D, S	Cemented to 236 ft. Gun perforated from 197-207 and 220-225 ft. Reported yield 15 gal/min. <u>1/2</u>
* 202	Cedar Branch Mobile Home Park	Geyer Drilling Co.	1971	289	4	289	Kgw	562	140 200	Aug. 11, 1971 Nov. 25, 1971	S, E 1 1/2	P	Cemented to bottom. Gun perforated from 268-278 ft. Reported yield 20 gal/min. <u>1/2</u>
203	Phil Ballweg	do	1972	270	4	270	Kgw	600	180	June 9, 1972	S, E 3/4	D, S	Cemented to 270 ft. Gun perforated from 242-246 and 258-262 ft. Drawdown 30 ft pumping 11 gal/min when drilled. <u>1/2</u>
204	T. B. Gee	Ticknor Drilling Service	1969	252	4	238	Kgw	560	120	Aug. 6, 1969	S, E 3/4	D	Cemented to bottom. Gun perforated from 210-219 ft. <u>1/2</u>
302	F. A. Reitz	-- Padgett	1966	317	4	214	Kgw	555	136.0	Oct. 22, 1970	N	N	<u>1/2</u>
402	Sonny Wooten	Ticknor Drilling Service	1968	257	4 3	228 257	Kgw	585	130	Apr. 29, 1968	S, E 3/4	D	Cemented to 228 ft. Gun perforated from 196-200; 204-209; 214-217; and slotted from 242-256 ft. <u>1/2</u>
403	D. R. Newton	E. C. Stone Water Well Drilling Co.	1967	270	4	270	Kgw	618	150	June 16, 1967	S, E 1	Ind	Cemented to 270 ft. Gun perforated from 242-252 ft. Drawdown 30 ft pumping 16 gal/min when drilled. <u>1/2</u>

See footnotes at end of table.

## TARRANT COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water Level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*XU-32-32-404	Neal Thomas	Geyer Drilling Co.	1975	270	4	270	Kgw	615	153.9	Oct. 16, 1975	S, E 1	D	Cemented to bottom. Gun perforated from 238-242 and 250-254 ft. Pump set at 210 ft. <sup>1/</sup> <sup>2/</sup>
501	J. P. Day	Day Drilling	1970	335	7	335	Kgw	575	130	Jan. 25, 1970	S, E	D, Irr	Cemented to 70 ft. Perforated from 172-207 and 302-318 ft. Gravel packed. Drawdown 20 ft pumping 100 gal/min when drilled. <sup>1/</sup>

\* For chemical analyses of water, see Table 4.

<sup>1/</sup> Drillers' log in files of the Texas Department of Water Resources.

<sup>2/</sup> Geophysical logs in files of the Texas Department of Water Resources.

<sup>3/</sup> For water-level measurements, see Table 3.

# TARRANT COUNTY

## Table 3.—Water Levels in Selected Wells

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well XU-32-06-401</b>		<b>Well XU-32-08-101—Continued</b>		<b>Well XU-32-12-501—Continued</b>	
Owner: H. H. Schreiber		Apr. 7, 1969	46.9	Nov. 23, 1976	65.6
1950	225	May 18, 1970	49.2	Nov. 3, 1977	66.6
Nov. 23, 1970	265	Feb. 23, 1971	50.4	<b>Well XU-32-13-601</b>	
Nov. 12, 1973	290.6	Nov. 1, 1972	52.6	Owner: City of Sansom Park	
Nov. 14, 1974	291.8	Nov. 13, 1972	55.9	Jan. 6, 1948	402
Dec. 3, 1975	301.0	Nov. 13, 1973	46.8	Apr. 16, 1951	518.5
Nov. 23, 1976	292.9	Nov. 14, 1974	42.3	Sept. 3, 1953	553
Nov. 3, 1977	296.9	Nov. 25, 1975	50.1	May 13, 1955	563.7
<b>Well XU-32-06-901</b>		Nov. 23, 1976	46.1	Jan. 11, 1956	582.2
Owner: Ray White		Nov. 28, 1977	50.0	June 20, 1956	595.6
Feb. 15, 1954	340.0	<b>Well XU-32-08-801</b>		Sept. 14, 1956	616.2
July 7, 1954	348.8	Owner: Roy Sims		Feb. 6, 1957	611.2
Sept. 15, 1954	356.3	Mar. 8, 1954	236.8	July 22, 1957	628.2
Nov. 18, 1954	363.8	May 17, 1954	238.5	Mar. 11, 1958	639.8
Jan. 20, 1955	361.0	June 21, 1954	239.6	May 13, 1963	678.6
Apr. 6, 1955	365.0	July 12, 1954	241.7	May 14, 1964	688.8
Feb. 21, 1956	384.0	Aug. 23, 1954	246.0	May 3, 1965	693.8
Feb. 5, 1957	403.4	Sept. 13, 1954	248.0	May 10, 1966	709.1
Mar. 14, 1958	412.6	Oct. 20, 1954	250.2	Apr. 25, 1967	736.8
May 30, 1961	417.3	Nov. 23, 1954	252.6	Apr. 1, 1968	746.6
May 24, 1962	446.8	Dec. 22, 1954	254.2	Apr. 7, 1969	747.2
May 9, 1963	457.5	Jan. 20, 1955	255.2	Nov. 10, 1971	764.3
May 3, 1965	469.2	Mar. 8, 1955	257.4	Nov. 17, 1972	764.5
May 10, 1966	472.8	Feb. 21, 1956	283.7	Nov. 7, 1973	761.4
<b>Well XU-32-08-101</b>		Sept. 3, 1956	285.8	Nov. 6, 1974	763.6
Owner: William Criswell		Feb. 5, 1957	312.1	Dec. 8, 1975	763.2
Feb. 25, 1954	73	July 23, 1957	315.5	Dec. 15, 1976	759.3
June 7, 1961	48.9	<b>Well XU-32-12-501</b>		Nov. 3, 1977	765.1
May 9, 1963	46.9	Owner: Mrs. Jessie Shaw		<b>Well XU-32-13-702</b>	
May 3, 1965	48.1	Feb. 12, 1971	65.1	Owner: City of White Settlement	
May 10, 1966	42.9	Nov. 14, 1972	65.3	July 10, 1950	90
Apr. 1, 1967	46.2	Nov. 14, 1974	66.8	Jan. 3, 1951	89.7
Apr. 25, 1967	50.1	Dec. 3, 1975	65.3	Mar. 19, 1951	90.2

## TARRANT COUNTY

Table 3.—Water Levels in Selected Wells—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well XU-32-13-702—Continued</b>		<b>Well XU-32-14-101—Continued</b>		<b>Well XU-32-14-104—Continued</b>	
Feb. 4, 1954	95.8	July 30, 1959	615	Mar. 30, 1962	566
Mar. 23, 1954	94.1	Oct. 22, 1959	620	Mar. 30, 1962	746 *
May 4, 1954	94.1	Oct. 22, 1959	699 *	Nov. 23, 1964	695
Nov. 10, 1954	94.7	Apr. 22, 1960	614	Nov. 23, 1964	789 *
Dec. 13, 1954	94.1	Apr. 22, 1960	685 *	May 21, 1965	696
Apr. 10, 1957	104.5	Oct. 7, 1960	622	May 21, 1965	786 *
Mar. 11, 1958	110.0	Jan. 10, 1961	608	Aug. 8, 1965	715
May 10, 1976	106.0	Apr. 13, 1961	606	Aug. 8, 1965	811 *
<b>Well XU-32-13-902</b>		Feb. 2, 1962	520	Aug. 5, 1968	762
Owner: Texas Water Co.		Feb. 2, 1962	705 *	Oct. 3, 1969	777
May 1946	320	Mar. 30, 1962	614	<b>Well XU-32-14-301</b>	
Jan. 20, 1948	329	Nov. 23, 1964	660	Owner: P. L. Coupland	
Nov. 24, 1950	372	Nov. 23, 1964	731 *	Mar. 1951	247
Mar. 19, 1954	385.0	May 21, 1965	660	Aug. 16, 1953	260.6
May 4, 1954	385.4	May 21, 1965	721 *	Oct. 9, 1953	286.8
June 8, 1954	386.5	Aug. 11, 1965	677	June 3, 1954	283.6
July 21, 1954	392.0	Aug. 11, 1965	758 *	Sept. 17, 1954	316.0
Aug. 20, 1954	396.1	Aug. 29, 1966	819 *	Nov. 18, 1954	313.9
Sept. 14, 1954	397.8	<b>Well XU-32-14-103</b>		Dec. 15, 1954	312.3
Oct. 20, 1954	401.4	Owner: City of Saginaw		Apr. 6, 1955	309.7
Nov. 30, 1954	401.4	June 1949	260	<b>Well XU-32-14-401</b>	
Jan. 5, 1955	401.3	Feb. 18, 1954	261.8	Owner: Arco Refining Co.	
Feb. 9, 1955	400.6	Aug. 1954	265	Jan. 1, 1912	226.0
Mar. 23, 1955	399.8	June 21, 1975	295	Mar. 16, 1951	427.1
May 13, 1955	400.1	June 21, 1975	330 *	Apr. 16, 1951	428.3
Jan. 11, 1956	412.3	Jan. 27, 1977	293	Jan. 28, 1953	443.9
June 20, 1956	415.6	<b>Well XU-32-14-104</b>		Apr. 14, 1953	441.8
Sept. 14, 1956	429.3	Owner: Bell Helicopter		July 1, 1953	452.0
Feb. 6, 1957	435.1	June 22, 1942	370	Aug. 3, 1953	456.8
July 22, 1957	441.4	Nov. 16, 1953	530	Nov. 3, 1953	455.9
Jan. 28, 1958	444.0	Feb. 1, 1954	530	Nov. 17, 1953	454.5
<b>Well XU-32-14-101</b>		June 9, 1954	491	Dec. 10, 1953	454.2
Owner: Bell Helicopter		Oct. 7, 1960	661	Jan. 19, 1954	452.7
Jan. 15, 1959	593	Apr. 26, 1961	645	Mar. 9, 1954	452.7
Apr. 27, 1959	599	Feb. 2, 1962	566	May 4, 1954	454.9

\* Pumping level

# TARRANT COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well XU-32-14-401—Continued</b>		<b>Well XU-32-14-403—Continued</b>		<b>Well XU-32-14-502—Continued</b>	
June 9, 1954	455.4	Dec. 1, 1954	281.0	Dec. 25, 1956	622.0
July 12, 1954	465.3	Jan. 5, 1955	280.0	Jan. 25, 1957	622.2
Aug. 4, 1954	472.3	Feb. 2, 1955	278.6	Mar. 25, 1957	619.4
Sept. 14, 1954	485.6	Apr. 6, 1955	281.2	May 25, 1957	623.6
Oct. 29, 1954	489.0	Apr. 24, 1956	282.2	Aug. 25, 1957	666.7
Dec. 1, 1954	485.6	Feb. 6, 1957	284.4	Sept. 25, 1957	658.0
Jan. 5, 1955	482.1	Mar. 11, 1958	281.6	Nov. 25, 1957	645.6
Feb. 2, 1955	480.6			Jan. 25, 1958	639.7
Mar. 10, 1955	477.4	<b>Well XU-32-14-404</b>		Mar. 25, 1958	632.8
May 13, 1955	468.6	Owner: Civil Aeronautics Administration		May 25, 1958	629.1
Dec. 6, 1955	506.5	1921	215	July 25, 1958	661.0
Feb. 21, 1956	501.6	Oct. 18, 1950	285.5	Sept. 25, 1958	657.7
June 21, 1956	511.5	Dec. 29, 1950	284.3	Nov. 25, 1958	641.4
Sept. 14, 1956	526.5	Apr. 14, 1953	274.7	Jan. 25, 1959	628.7
Feb. 6, 1957	510.9	July 1, 1953	277.6	Mar. 25, 1959	631.7
Mar. 11, 1958	525.6	Sept. 3, 1953	278.3	May 25, 1959	641.0
		Nov. 17, 1953	277.7	July 25, 1959	659.1
<b>Well XU-32-14-403</b>		Dec. 16, 1953	278.7	Oct. 25, 1959	667.0
Owner: Civil Aeronautics Administration				Nov. 25, 1959	660.3
Oct. 18, 1950	267.8	<b>Well XU-32-14-405</b>		Jan. 13, 1960	654.3
Oct. 29, 1950	266.1	Owner: Civil Aeronautics Administration		Mar. 16, 1960	647.6
Mar. 16, 1951	264.0	Aug. 27, 1924	267	May 25, 1960	662.6
Apr. 4, 1953	275.4	Aug. 27, 1936	268	June 23, 1960	674.0
July 1, 1953	277.9	Aug. 16, 1950	269.3	Aug. 18, 1960	691.5
Sept. 4, 1953	278.8	Nov. 26, 1953	323.1	Oct. 18, 1960	671.8
Nov. 17, 1953	278.1	Dec. 16, 1953	322.7	Dec. 25, 1960	648.1
Dec. 16, 1953	279.4	Jan. 19, 1954	317.0	Jan. 25, 1961	645.1
Jan. 19, 1954	276.5	Mar. 16, 1954	325.3	Mar. 25, 1961	644.6
Mar. 16, 1954	275.8	May 4, 1954	335.9	May 25, 1961	659.0
May 3, 1954	276.5	Nov. 25, 1954	324.4	July 25, 1961	671.4
June 9, 1954	277.3			Sept. 25, 1961	686.3
July 30, 1954	386.4	<b>Well XU-32-14-502</b>		Nov. 25, 1961	661.2
Aug. 27, 1954	282.1	Owner: Magnolia Petroleum Co.		Jan. 25, 1962	662.8
Sept. 14, 1954	286.8	Oct. 12, 1954	544.3	Mar. 25, 1962	646.4
Oct. 19, 1954	283.2	Dec. 15, 1954	544.4	May 25, 1962	680.1

# TARRANT COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well XU-32-14-502—Continued</b>		<b>Well XU-32-14-502—Continued</b>		<b>Well XU-32-14-505—Continued</b>	
July 21, 1962	700.9	Feb. 25, 1968	769.6	Jan. 27, 1955	480.4
Sept. 25, 1962	693.5	Apr. 18, 1968	766.4	Feb. 2, 1955	489.7
Nov. 25, 1962	668.8	Apr. 7, 1969	764.7	Mar. 1, 1955	486.5
Jan. 25, 1963	670.3			Mar. 1, 1955	618.1*
Mar. 25, 1963	669.4	<b>Well XU-32-14-503</b>		<b>Well XU-32-14-507</b>	
May 25, 1963	673.7	Owner: Southwest Refining Co.		Owner: Stauffer Chemical Co.	
July 25, 1963	712.8	Apr. 10, 1942	356.5	Apr. 1943	325
Sept. 25, 1963	724.1	June 17, 1944	396.0	May 1943	384
Nov. 25, 1963	713.7	July 29, 1948	462.7	Nov. 18, 1943	399.0
Feb. 25, 1964	693.1	July 22, 1949	470.8	Oct. 4, 1954	562
Mar. 25, 1964	691.4	Dec. 29, 1949	442.1	Aug. 5, 1975	820 *
May 25, 1964	705.2	Jan. 30, 1950	437.3		
June 27, 1964	729.5	Feb. 27, 1950	428.8	<b>Well XU-32-14-511</b>	
Aug. 3, 1964	749.9	Apr. 10, 1950	425.7	Owner: Winston Refining	
Oct. 19, 1964	718.9	May 25, 1950	368.5	1936	265
Dec. 14, 1964	707.2	July 21, 1950	454.8	July 1941	286.9
Mar. 1, 1965	701.6	Aug. 31, 1950	459.7	1949	480
Apr. 29, 1965	705.0	Dec. 29, 1950	455.9	Aug. 1952	498
June 26, 1965	718.3	Mar. 16, 1951	447.5	Feb. 5, 1954	514.0
Sept. 1, 1965	762.1	Jan. 28, 1953	443.8	June 4, 1965	690
Oct. 30, 1965	739.8	Apr. 14, 1953	437.7	Dec. 16, 1968	742
Dec. 17, 1965	735.1	<b>Well XU-32-14-504</b>		Aug. 9, 1971	722
Feb. 25, 1966	723.1	Owner: Texas Water Co.		July 31, 1973	793
Mar. 10, 1966	722.5	Oct. 1943	350	July 31, 1975	785
Apr. 22, 1966	725.4	May 1951	458		
May 18, 1966	725.4	Nov. 1951	480	<b>Well XU-32-14-602</b>	
June 25, 1966	744.6	Nov. 1954	578	Owner: Haltom City	
Aug. 18, 1966	773.6	Jan. 27, 1955	551.9	Oct. 27, 1949	228.1
Oct. 8, 1966	753.1	Feb. 17, 1955	549.0	Jan. 30, 1950	226.6
Dec. 15, 1966	745.6	Mar. 13, 1955	560.1	Feb. 27, 1950	227.3
Feb. 19, 1967	739.7			Apr. 10, 1950	242.0
May 2, 1967	754.1	<b>Well XU-32-14-505</b>		May 25, 1950	239.2
June 28, 1967	778.8	Owner: Texas Water Co.		Dec. 29, 1950	235.5
Aug. 17, 1967	801.6	Oct. 1944	345	Mar. 16, 1951	246.4
Oct. 19, 1967	782.2	Nov. 13, 1953	469.5	June 2, 1951	245.8
Dec. 16, 1967	776.7	Sept. 20, 1954	490.4	May 17, 1954	274.1

\* Pumping level

# TARRANT COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well XU-32-14-603</b>		<b>Well XU-32-14-606</b>		<b>Well XU-32-14-612—Continued</b>	
Owner: Haltom City		Owner: Haltom City		Mar. 28, 1955	380.8*
Oct. 24, 1951	191.0	May 19, 1943	262	Oct. 29, 1958	388.6
Feb. 13, 1953	218.4	Dec. 30, 1954	293	Oct. 16, 1959	380.6
Feb. 25, 1953	218.4	Apr. 11, 1959	375.9	Apr. 15, 1960	348.5
Nov. 18, 1953	218.1	July 18, 1963	429	Apr. 15, 1960	451.5
Nov. 2, 1954	243.7	Nov. 10, 1971	409	Nov. 6, 1975	401
		Nov. 17, 1972	419	Nov. 4, 1977	410
		Nov. 9, 1973	419		
		Nov. 12, 1974	407	<b>Well XU-32-14-704</b>	
		Nov. 6, 1975	430	Owner: Armour and Co.	
		Nov. 4, 1977	395	1902	232
				July 29, 1948	453.5
<b>Well XU-32-14-604</b>		<b>Well XU-32-14-610</b>		July 22, 1949	455.3
Owner: Haltom City		Owner: Haltom City		Dec. 29, 1949	448.0
Mar. 27, 1947	295	Jan. 22, 1955	232	Feb. 27, 1950	447.1
Mar. 28, 1947	440 *	July 23, 1957	284	Apr. 10, 1950	427.5
Oct. 27, 1949	334.9	Feb. 12, 1958	342 *	May 25, 1950	443.3
Feb. 13, 1953	383.1	Feb. 12, 1958	302	Feb. 12, 1954	464.7
Feb. 25, 1953	378.2	Oct. 29, 1958	320	Feb. 24, 1954	468.3
Nov. 18, 1953	423.1	Feb. 13, 1970	340		
Jan. 25, 1954	417.0	Nov. 10, 1971	352	<b>Well XU-32-14-802</b>	
Aug. 31, 1954	486.2	Nov. 17, 1972	347	Owner: Fort Worth and Denver Railroad	
		Feb. 15, 1973	370	Apr. 15, 1942	323.6
<b>Well XU-32-14-605</b>		Nov. 9, 1973	362	June 16, 1944	361.1
Owner: Haltom City		Nov. 12, 1974	339	July 22, 1949	420.0
Aug. 24, 1946	330	Nov. 6, 1975	337	Dec. 22, 1949	399.5
May 17, 1954	492.8	Nov. 23, 1976	342	July 21, 1950	415.6
Sept. 21, 1954	549.2	Nov. 4, 1977	333	Dec. 29, 1950	415.4
Oct. 1958	653.1			June 1, 1951	430.0
July 1959	640	<b>Well XU-32-14-612</b>		Oct. 5, 1952	438.7
Jan. 1960	639	Owner: Haltom City		Jan. 27, 1953	444.9
Jan. 9, 1960	740 *	Aug. 1954	312	Mar. 31, 1953	445.3
Jan. 15, 1971	800	Oct. 18, 1954	316	Apr. 28, 1953	446.6
Nov. 10, 1971	800	Oct. 18, 1954	427 *	June 30, 1953	464.3
Nov. 17, 1972	830	Mar. 28, 1955	316		
Nov. 9, 1973	790				
Nov. 12, 1974	788				
Nov. 6, 1975	840				
Nov. 23, 1976	836				
Nov. 4, 1977	840				

\* Pumping level

# TARRANT COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well XU-32-14-802—Continued</b>		<b>Well XU-32-14-901—Continued</b>		<b>Well XU-32-15-402—Continued</b>	
Sept. 14, 1953	470.1	July 23, 1957	579	Feb. 15, 1955	282.9
Nov. 17, 1953	465.1	Feb. 21, 1958	550	Apr. 6, 1955	286.3
Dec. 10, 1953	465.0	Mar. 20, 1961	608	May 13, 1955	306.1
Jan. 27, 1954	457.8	<b>Well XU-32-14-903</b>		Jan. 3, 1956	321.6
Feb. 18, 1954	456.6	Owner: Haltom City		June 8, 1956	345.9
Mar. 22, 1954	458.1	May 20, 1952	230	Feb. 7, 1957	346.5
May 3, 1954	465.6	Mar. 26, 1958	305	Mar. 14, 1958	355.0
June 24, 1954	472.9	Oct. 28, 1958	314.2	May 24, 1962	397.8
July 21, 1954	477.7	Oct. 10, 1959	305.5	May 13, 1963	395.7
Aug. 20, 1954	488.0	Sept. 1960	322.3	May 13, 1964	396.5
Sept. 16, 1954	490.2	Nov. 6, 1975	336.0	May 13, 1965	405.2
Oct. 29, 1954	490.7	<b>Well XU-32-15-302</b>		<b>Well XU-32-15-405</b>	
Dec. 12, 1954	483.0	Owner: Bill Smith		Owner: A. E. Henry	
Feb. 2, 1955	480.7	Nov. 18, 1970	33.8	Aug. 6, 1946	187.0
Apr. 21, 1955	480.2	Nov. 1, 1971	35.2	Jan. 11, 1950	198.0
Feb. 21, 1956	490.3	Nov. 13, 1972	34.8	June 6, 1951	195.0
June 20, 1956	503.4	Nov. 13, 1973	37.3	July 1, 1953	250.6
Feb. 7, 1957	524.7	Nov. 14, 1974	34.6	Sept. 21, 1953	245.1
<b>Well XU-32-14-803</b>		Nov. 14, 1974	34.6	Nov. 18, 1953	244.7
Owner: Bewley Mills		Nov. 25, 1975	35.9	Dec. 16, 1953	238.3
Oct. 12, 1950	405.4	Nov. 23, 1976	34.5	Jan. 19, 1954	235.2
Dec. 29, 1950	405.9	Nov. 4, 1977	36.1	Feb. 24, 1954	231.9
Mar. 16, 1951	408.9	<b>Well XU-32-15-401</b>		Mar. 16, 1954	237.8
June 2, 1951	408.9	Owner: North Richland Hills		May 6, 1954	248.1
Mar. 31, 1953	436.5	Feb. 26, 1953	268	June 9, 1954	260.0
Apr. 27, 1953	438.1	Feb. 26, 1954	249.8	July 12, 1954	291.9
June 30, 1953	452.0	Mar. 18, 1954	307.5	Aug. 17, 1954	309.6
<b>Well XU-32-14-901</b>		Nov. 1, 1954	322.9	Sept. 14, 1954	317.0
Owner: Haltom City		Dec. 14, 1954	296.4	Oct. 18, 1954	303.4
May 13, 1950	480	Feb. 15, 1955	294.7	Nov. 15, 1954	291.5
Sept. 12, 1954	551	<b>Well XU-32-15-402</b>		Dec. 22, 1954	291.6
Nov. 1, 1954	536.3	Owner: Baker Brothers		Jan. 21, 1955	290.5
Dec. 9, 1954	578.6	Nov. 1, 1954	288.2	Feb. 15, 1955	287.4
Jan. 7, 1955	509.8	Dec. 22, 1954	286.5	Apr. 16, 1955	288.9
Mar. 23, 1955	505.7	Jan. 21, 1955	284.7	May 13, 1955	311.8



# TARRANT COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well XU-32-15-504</b>		<b>Well XU-32-15-601—Continued</b>		<b>Well XU-32-15-601—Continued</b>	
Owner: City of Hurst		July 3, 1953	341.7	May 22, 1965	724 *
July 12, 1955	378.0	Aug. 3, 1953	354.5	Dec. 9, 1966	642
May 23, 1973	484.5	Sept. 8, 1953	335.5	Aug. 3, 1968	870 *
July 16, 1973	485.2	Oct. 5, 1953	363.5	Aug. 3, 1968	770
Sept. 18, 1973	488.1	Nov. 2, 1953	366.5	Feb. 1, 1969	735
Nov. 7, 1973	486.2	Dec. 7, 1953	357.5	May 24, 1969	730
Feb. 5, 1974	481.1	Jan. 4, 1954	359.5	Oct. 4, 1969	855 *
May 13, 1974	479.8	Feb. 1, 1954	359.5	Dec. 6, 1969	735
Aug. 14, 1974	485.5	Mar. 1, 1954	363.5	Feb. 14, 1970	725
Nov. 6, 1974	483.6	Apr. 5, 1954	363.5	Feb. 14, 1970	826 *
Feb. 5, 1975	477.3	May 2, 1954	369.5	June 21, 1971	785
May 1, 1975	473.2	June 1, 1954	374.5	Aug. 25, 1972	920 *
Aug. 11, 1975	474.4	July 7, 1954	373.5	Aug. 25, 1972	8.5
Nov. 3, 1975	474.0	Aug. 2, 1954	408.5	May 22, 1973	780
May 27, 1976	465.1	Sept. 7, 1954	408.5	June 15, 1973	720
Sept. 13, 1976	468.5	Oct. 4, 1954	408.5	June 26, 1974	810
Nov. 23, 1976	474.2	Nov. 1, 1954	413.5	June 27, 1974	910 *
Dec. 7, 1976	465.4	Dec. 6, 1954	404.5	Apr. 23, 1975	845
Mar. 1, 1977	464.0	Jan. 3, 1955	402.5	July 14, 1976	995 *
May 25, 1977	461.2	Feb. 7, 1955	399.5		
Sept. 1, 1977	465.9	Mar. 1, 1955	396.5	<b>Well XU-32-15-602</b>	
Nov. 4, 1977	465.2	Mar. 20, 1955	405.0	Owner: J. H. Hackney	
Dec. 1, 1977	464.1	Apr. 4, 1955	397.5	Nov. 19, 1970	39.8
		May 2, 1955	394.5	Nov. 13, 1972	38.8
		June 6, 1955	399.5	Nov. 13, 1973	38.6
		July 5, 1955	399.5	Nov. 14, 1974	38.3
		July 31, 1955	411.0	Nov. 23, 1976	37.9
		Aug. 8, 1955	420.5	Nov. 4, 1977	39.0
		Sept. 6, 1955	428.5		
		Feb. 13, 1956	326.7	<b>Well XU-32-16-101</b>	
		Nov. 6, 1962	542	Owner: City of Euless	
		Jan. 14, 1963	545	June 1970	762
		Feb. 12, 1964	580	Aug. 8, 1972	928
		May 22, 1965	612	Oct. 1972	836
				June 12, 1973	888.0

\* Pumping level

# TARRANT COUNTY

## Table 3.—Water Levels in Selected Wells—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well XU-32-16-101—Continued</b>		<b>Well XU-32-16-502</b>		<b>Well XU-32-16-504—Continued</b>	
Jan. 14, 1974	910	Owner: Chicago, Rock Island and Gulf Railroad		Jan. 18, 1954	363.0
Nov. 25, 1975	841.8	Jan. 11, 1951	63.5	Feb. 8, 1954	363.1
Nov. 23, 1976	761.7	Sept. 21, 1953	76.6	Mar. 11, 1954	380.4
Nov. 4, 1977	960	Nov. 18, 1953	76.5	Apr. 26, 1954	381.7
<b>Well XU-32-16-201</b>		Dec. 16, 1953	76.8	May 12, 1954	379.7
Owner: City of Euless		Jan. 19, 1954	76.8	June 2, 1954	383.6
July 24, 1961	525	Feb. 23, 1954	76.5	July 30, 1954	415.4
Aug. 18, 1971	662	Mar. 16, 1954	76.7	Aug. 17, 1954	421.3
Nov. 17, 1971	691	May 6, 1954	77.2	Sept. 15, 1954	430.3
July 11, 1972	706 *	June 9, 1954	77.4	Oct. 15, 1954	441.5
Jan. 14, 1974	643	July 30, 1954	82.9	Nov. 15, 1954	420.8
Nov. 25, 1975	733	Aug. 17, 1954	86.0	Dec. 16, 1954	414.2
Nov. 23, 1976	731	Sept. 15, 1954	89.7	Jan. 17, 1955	410.5
Nov. 4, 1977	591	Oct. 15, 1954	88.2	Feb. 15, 1955	405.3
<b>Well XU-32-16-401</b>		Jan. 6, 1955	87.7	Mar. 21, 1955	408.5
Owner: Buck Conway		Mar. 6, 1955	86.5	Apr. 21, 1955	407.8
Dec. 10, 1953	246.9	<b>Well XU-32-16-503</b>		May 13, 1955	415.0
Feb. 4, 1954	246.9	Owner: U.S. Geological Survey		Sept. 8, 1955	446.3
Mar. 16, 1954	248.1	Apr. 27, 1951	100.9	Jan. 3, 1956	442.1
May 6, 1954	249.5	June 6, 1951	99.6	Feb. 10, 1956	438.9
June 9, 1954	252.3	Sept. 8, 1951	102.3	June 25, 1956	466.7
July 20, 1954	263.5	Oct. 10, 1951	102.5	Mar. 28, 1957	516.0
Aug. 17, 1954	266.5	Nov. 24, 1951	102.6	Sept. 26, 1957	534.5
Sept. 28, 1954	282.6	Oct. 31, 1952	108.1	<b>Well XU-32-16-701</b>	
Oct. 15, 1954	285.6	<b>Well XU-32-16-504</b>		Owner: City of Arlington	
Nov. 23, 1954	289.1	Owner: City of Fort Worth		Dec. 14, 1953	307.8
Jan. 6, 1955	291.0	Apr. 27, 1951	241.4	Feb. 15, 1954	305.6
Feb. 15, 1955	292.5	June 6, 1951	242.8	Mar. 31, 1954	305.7
Apr. 21, 1955	295.3	Jan. 27, 1953	310.4	May 6, 1954	312.2
Jan. 4, 1956	341.7	July 3, 1953	345.0	Aug. 2, 1954	340.0
June 8, 1956	353.1	Sept. 2, 1953	364.1	Sept. 7, 1954	350.4
Mar. 14, 1958	400.0	Oct. 26, 1953	371.2	Oct. 15, 1954	359.1
May 31, 1961	434.1	Dec. 14, 1953	362.8	Nov. 23, 1954	357.0
May 3, 1965	497.1			Dec. 23, 1954	357.4

\* Pumping level

# TARRANT COUNTY

## Table 3.—Water Levels in Selected Wells—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well XU-32-16-801</b>		<b>Well XU-32-21-501—Continued</b>		<b>Well XU-32-22-201—Continued</b>	
Owner: H. H. Barfield		Feb. 9, 1955	100.6	Apr. 27, 1953	282.7
Nov. 20, 1970	144.9	Mar. 24, 1955	100.3	June 30, 1953	283.4
Nov. 1, 1971	146.2	May 2, 1955	101.4	Sept. 14, 1953	286.1
Nov. 13, 1972	147.3	Jan. 11, 1956	102.9	Nov. 17, 1953	288.7
Nov. 13, 1973	147.2	Sept. 14, 1956	106.9	Dec. 10, 1953	286.2
Nov. 14, 1974	147.4	Feb. 6, 1957	104.0	Dec. 16, 1953	286.5
Nov. 24, 1975	146.2	July 22, 1957	106.7	Jan. 27, 1954	285.5
Nov. 24, 1976	146.1	Mar. 11, 1958	104.8	Feb. 18, 1954	285.4
Nov. 4, 1977	147.3	May 30, 1961	110.6	Mar. 22, 1954	285.4
<b>Well XU-32-21-201</b>		May 24, 1962	110.7	May 6, 1954	286.2
Owner: Texas Water Co.		May 13, 1963	110.3	June 24, 1954	287.3
Dec. 8, 1941	368	May 14, 1964	110.5	July 21, 1954	289.1
Aug. 20, 1946	380	May 3, 1965	110.9	Aug. 20, 1954	290.9
Jan. 26, 1951	481.0	May 10, 1966	111.9	Sept. 16, 1954	291.8
Mar. 16, 1951	481.4	Apr. 25, 1967	112.8	Oct. 5, 1954	291.7
June 2, 1951	478.6	Apr. 1, 1968	113.6	Nov. 5, 1954	291.4
<b>Well XU-32-21-501</b>		Apr. 7, 1969	113.1	Nov. 8, 1954	289.1
Owner: Texas and Pacific Railway		May 18, 1970	131.5	Dec. 9, 1954	296.8
Feb. 12, 1945	85.0	Feb. 23, 1971	134.3	Jan. 21, 1955	296.6
Nov. 8, 1950	97.5	Nov. 2, 1971	124.6	Aug. 5, 1955	297.1
Mar. 16, 1951	97.7	Nov. 13, 1972	136.6	Apr. 15, 1956	300.8
June 1, 1951	98.7	Nov. 13, 1973	136.4	Feb. 7, 1957	298.7
Dec. 9, 1953	101.0	Nov. 14, 1974	139.8	Mar. 14, 1958	298.9
Jan. 20, 1954	99.7	Nov. 25, 1975	143.1	May 31, 1961	306.5
Feb. 17, 1954	99.9	Nov. 23, 1976	145.7	May 24, 1962	307.8
Mar. 19, 1954	100.0	Nov. 3, 1977	141.1	<b>Well XU-32-22-204</b>	
May 4, 1954	100.1	<b>Well XU-32-22-201</b>		Owner: Texas and Pacific Railway	
June 1, 1954	100.5	Owner: S.E.C. Corp.		1937	319.2
July 15, 1954	102.7	Apr. 14, 1942	277.6	1947	411.2
Aug. 20, 1954	103.7	Oct. 11, 1950	285.4	Jan. 25, 1952	515.2
Sept. 14, 1954	103.2	Dec. 29, 1950	283.3	Mar. 20, 1952	520.2
Nov. 2, 1954	102.2	Mar. 16, 1951	285.9	Apr. 28, 1954	519.9
Dec. 1, 1954	101.5	June 2, 1951	285.7	May 26, 1954	519.5
Jan. 5, 1955	101.0	Mar. 31, 1953	282.6	Jan. 1, 1957	570.9

# TARRANT COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well XU-32-22-204—Continued</b>		<b>Well XU-32-22-401—Continued</b>		<b>Well XU-32-22-603</b>	
Mar. 1, 1957	569.3	Sept. 14, 1953	535.1	Owner: Texas Water Co.	
May 1, 1957	575.8	Nov. 20, 1953	539.7	Feb. 15, 1940	351.0
<b>Well XU-32-22-205</b>		Dec. 15, 1953	540.1	July 31, 1947	410.0
Owner: U.S. Post Office		Feb. 19, 1954	538.3	Oct. 27, 1949	438.1
1932	240.0	Mar. 22, 1954	538.2	Jan. 30, 1950	440.0
1934	260.0	Apr. 28, 1954	393.3	Feb. 27, 1950	444.2
Sept. 15, 1949	489.3	June 4, 1954	541.1	Apr. 10, 1950	460.8
Jan. 12, 1953	507.0	July 13, 1954	543.5	<b>Well XU-32-22-604</b>	
Sept. 4, 1953	544.1	Aug. 20, 1954	548.3	Owner: City of Forest Hill	
Nov. 17, 1953	535.0	Sept. 27, 1954	553.2	Oct. 27, 1949	378.4
Dec. 15, 1953	530.3	Oct. 21, 1954	555.4	Jan. 30, 1950	377.7
Jan. 16, 1954	526.3	Nov. 30, 1954	557.3	Feb. 27, 1950	378.4
Mar. 15, 1954	528.0	Dec. 30, 1954	557.2	Apr. 10, 1950	377.8
Apr. 28, 1954	535.1	Feb. 1, 1955	556.5	May 25, 1950	372.6
May 26, 1954	534.1	Mar. 1, 1955	556.4	July 21, 1950	373.6
June 24, 1954	545.4	May 2, 1955	556.5	Dec. 29, 1950	377.4
July 21, 1954	557.1	Jan. 3, 1956	571.5	Mar. 21, 1951	375.9
Aug. 20, 1954	565.7	Feb. 17, 1956	571.8	<b>Well XU-32-22-605</b>	
Sept. 16, 1954	544.4	June 21, 1956	577.0	Owner: City of Forest Hill	
Oct. 29, 1954	565.9	Feb. 6, 1957	601.7	May 1947	310
Dec. 10, 1954	553.8	July 22, 1957	605.3	Jan. 26, 1953	320.9
Feb. 2, 1955	548.4	Mar. 11, 1958	622.1	Feb. 20, 1953	320.7
<b>Well XU-32-22-401</b>		<b>Well XU-32-22-602</b>		Mar. 20, 1953	320.4
Owner: Southwest Baptist Seminary		Owner: City of Forest Hill		Mar. 31, 1953	320.6
Oct. 13, 1950	473.8	June 23, 1948	336.0	Apr. 28, 1953	321.2
Dec. 29, 1950	476.3	June 29, 1948	347.5	<b>Well XU-32-22-901</b>	
Mar. 16, 1951	479.9	Oct. 27, 1949	381.0	Owner: City of Forest Hill	
Apr. 16, 1951	482.1	Jan. 30, 1950	382.9	July 26, 1962	604
June 2, 1951	484.8	Feb. 27, 1950	381.9	Nov. 10, 1971	606
Oct. 10, 1952	498.0	Mar. 23, 1951	412.0	Nov. 7, 1973	681 *
Jan. 28, 1953	528.7	Apr. 12, 1951	411.0	Nov. 6, 1974	715
Apr. 28, 1953	528.6	July 1, 1954	509.7	Nov. 24, 1976	850
July 3, 1953	526.1	Nov. 1, 1954	527.8	Nov. 29, 1977	945

\* Pumping level

# TARRANT COUNTY

## Table 3.—Water Levels in Selected Wells—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well XU-32-22-903</b>		<b>Well XU-32-23-103—Continued</b>		<b>Well XU-32-23-105—Continued</b>	
Owner: City of Forest Hill		Apr. 26, 1966	659.7	Oct. 22, 1954	371.5
June 27, 1964	630	May 17, 1966	670.9	Nov. 24, 1954	360.0
Nov. 10, 1971	713	June 24, 1966	684.4	Jan. 7, 1955	360.9
Nov. 17, 1972	781	July 13, 1966	722.7		
Nov. 7, 1973	838	July 18, 1966	708.3	<b>Well XU-32-23-106</b>	
Nov. 6, 1974	804 *	Aug. 5, 1966	733.8	Owner: Texas Electric Service	
Nov. 25, 1975	777.5*	Sept. 30, 1966	734.8	Dec. 1947	358
Nov. 24, 1976	705	Oct. 28, 1966	724.4	July 28, 1948	402.4
Nov. 29, 1977	730	Nov. 25, 1966	716.8	Sept. 1, 1949	412.0
		Dec. 19, 1966	717.7	Jan. 19, 1950	403.7
		Jan. 16, 1967	742.8	Apr. 10, 1950	388.6
<b>Well XU-32-23-101</b>		Feb. 8, 1967	716.3	May 25, 1950	402.1
Owner: Texas Electric Service		Mar. 8, 1967	706.8	July 21, 1950	424.4
Dec. 11, 1947	293	Mar. 17, 1967	735.0	Dec. 29, 1950	422.1
Dec. 15, 1947	610 *	Apr. 11, 1967	749.8	June 2, 1951	433.3
June 22, 1971	755	May 2, 1967	742.3	Feb. 6, 1953	471.5
Nov. 17, 1972	780	June 6, 1967	756.9	Feb. 20, 1953	472.7
Nov. 7, 1973	775	June 15, 1967	758.1	Mar. 20, 1953	474.0
Nov. 6, 1974	764	July 7, 1967	740.5	Apr. 28, 1953	479.9
Nov. 25, 1975	740	Aug. 14, 1967	794.6	July 4, 1953	496.0
Nov. 24, 1976	737	Aug. 28, 1967	799.5	June 1954	523
Nov. 29, 1977	788	Sept. 26, 1967	767.8	Oct. 25, 1954	555.0
		Sept. 29, 1967	775.4	Apr. 11, 1955	523.0
		Oct. 9, 1967	757.5		
<b>Well XU-32-23-103</b>		Apr. 16, 1968	727.7	<b>Well XU-32-23-108</b>	
Owner: Texas Electric Service		May 23, 1968	748.3	Owner: Tarrant County Water Conservation and Improvement District No. 2	
1914	65	June 7, 1968	737.3	May 29, 1946	374
Aug. 1923	80	Aug. 30, 1968	781.4	May 30, 1946	455 *
Feb. 1940	172	Sept. 3, 1968	778.4	Jan. 8, 1954	493.5
July 4, 1953	490.9	Oct. 8, 1968	769.2	Jan. 20, 1957	654.9
Jan. 12, 1954	473.3	Aug. 1, 1969	810.8	Feb. 20, 1957	651.4
July 22, 1965	639.3			Mar. 20, 1957	650.5
Aug. 17, 1965	664.9	<b>Well XU-32-23-105</b>		Apr. 20, 1957	653.5
Sept. 24, 1965	701.9	Owner: Joe Lynch		May 9, 1957	646.0
Oct. 1, 1965	702.7	Aug. 3, 1954	365.1		
Oct. 25, 1965	701.3	Sept. 15, 1954	374.8		
Mar. 11, 1966	668.6				
Apr. 6, 1966	685.5				

\* Pumping level

# TARRANT COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well XU-32-23-601</b>		<b>Well XU-32-24-102—Continued</b>		<b>Well XU-32-24-202—Continued</b>	
Owner: Robert R. Sexton		May 17, 1954	462.9	July 9, 1958	536
Nov. 19, 1970	113.7	1971	800	Jan. 19, 1959	498
Nov. 1, 1971	112.6	<b>Well XU-32-24-104</b>		<b>Well XU-32-24-301</b>	
Nov. 13, 1972	107.7	Owner: City of Arlington		Owner: Arlington State College Farm	
Nov. 13, 1973	112.6	Nov. 23, 1953	376.7	Oct. 28, 1953	318.4
Nov. 14, 1974	112.8	Dec. 14, 1952	375.6	Dec. 14, 1953	318.5
Nov. 24, 1975	115.1	Feb. 1, 1954	378.6	Feb. 2, 1954	320.1
Nov. 24, 1976	113.3	Feb. 2, 1954	384.2	Mar. 17, 1954	319.3
Nov. 3, 1977	112.3	Feb. 25, 1954	368.7	Apr. 29, 1954	327.7
<b>Well XU-32-24-101</b>		Mar. 17, 1954	380.1	June 21, 1954	369.8
Owner: City of Arlington		Aug. 2, 1954	424.3	July 20, 1954	414.3
July 22, 1942	267	Aug. 23, 1954	435.7	Aug. 19, 1954	405.8
Sept. 12, 1942	239	Oct. 1, 1954	437.0	Dec. 2, 1954	415.7
Aug. 6, 1953	522	Dec. 1, 1954	438.6	Feb. 16, 1955	413.3
Sept. 9, 1953	510.5	Feb. 15, 1955	427.3	May 23, 1955	424.7
Nov. 30, 1953	519.2	Apr. 27, 1955	447.0	Apr. 11, 1956	458.1
Feb. 2, 1954	514.2	Mar. 10, 1956	494.2	<b>Well XU-32-30-202</b>	
Mar. 17, 1954	522.7	<b>Well XU-32-24-201</b>		Owner: Don Asa	
May 6, 1954	531.4	Owner: City of Arlington		Nov. 25, 1970	444.1
Apr. 28, 1955	566	Jan. 3, 1953	421.6	Nov. 2, 1971	451.1
May 1, 1955	621 *	Mar. 31, 1954	527	Nov. 17, 1972	456.9
Mar. 6, 1956	598.2	Aug. 2, 1954	557	Nov. 6, 1974	455.8
Apr. 15, 1957	669	Sept. 23, 1960	606	<b>Well XU-32-30-401</b>	
June 6, 1958	671	Sept. 23, 1960	686 *	Owner: Glen Hampton	
Nov. 27, 1963	695	Nov. 19, 1966	726	June 28, 1956	387.7
May 6, 1965	770 *	Nov. 18, 1966	774 *	Feb. 26, 1957	390.9
Dec. 1971	859	May 15, 1974	877	July 22, 1957	396.4
<b>Well XU-32-24-102</b>		<b>Well XU-32-24-202</b>		Mar. 11, 1958	395.8
Owner: City of Arlington		Owner: City of Arlington		May 30, 1961	417.8
June 11, 1947	235	Feb. 27, 1954	362	May 24, 1962	433.0
June 12, 1947	347 *	Feb. 28, 1954	488 *	May 13, 1963	439.1
Nov. 11, 1950	300.7	Mar. 17, 1954	338.1	May 14, 1964	445.3
Feb. 1, 1954	439.7	Dec. 17, 1954	441.1		

\* Pumping level

# TARRANT COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well XU-32-30-401—Continued</b>		<b>Well XU-32-30-403</b>		<b>Well XU-32-31-301—Continued</b>	
May 3, 1965	452.4	Owner: Crowley Public School		Nov. 13, 1972	95.3
May 10, 1966	442.5	Dec. 8, 1953	358.9	Nov. 13, 1973	90.9
Apr. 25, 1967	445.4	Jan. 20, 1954	558.9	Nov. 14, 1974	93.1
Apr. 1, 1968	451.2	Feb. 18, 1954	359.3	Nov. 24, 1975	100.0
Apr. 7, 1969	452.6	Mar. 22, 1954	360.7	Nov. 24, 1976	92.9
May 18, 1970	451.2	May 4, 1954	360.8	Nov. 3, 1977	95.6
Feb. 23, 1971	452.9	June 21, 1954	364.2		
Nov. 2, 1971	452.1	Aug. 2, 1954	368.7	<b>Well XU-32-32-302</b>	
Nov. 17, 1972	451.6	Sept. 27, 1954	374.3	Owner: F. A. Reitz	
Nov. 7, 1973	451.7	Nov. 17, 1954	371.6	Oct. 22, 1970	136.0
Nov. 6, 1974	450.8	Jan. 5, 1955	371.0	Nov. 2, 1971	142.6
Nov. 24, 1975	451.1	May 2, 1955	371.0	Nov. 13, 1972	136.5
Nov. 23, 1976	450.4			Nov. 13, 1973	136.7
Nov. 3, 1977	452.2	<b>Well XU-32-31-301</b>		Nov. 14, 1974	138.0
		Owner: H. J. Harris		Nov. 24, 1975	141.6
		Nov. 19, 1970	92.9	Nov. 24, 1976	138.5
		Nov. 1, 1971	94.5	Nov. 4, 1977	121.3

## TARRANT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kcgr, Glen Rose Formation; Kcpa, Paluxy Formation; Kctm, Twin Mountains Formation; Kgw, Woodbine Group; Qal, Alluvium.

Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids. Analyses by Texas Department of Health.

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25 °C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
XU-32-04-501	Kcgr	340	Nov. 1, 1950	11	--	6	2	413	--	780	91	129	--	3.5	--	1,039	22	1,740	8.7	97	37.3	12.3
501	Kcgr	340	Aug. 4, 1976	14	--	142	42	72	--	342	195	137	0.1	3.5	--	773	530	1,220	7.8	23	1.3	.0
601	Kctm	650	do	12	--	9	1	390	--	560	217	127	1.4	2.3	--	1,035	24	1,640	8.1	97	32.9	8.6
902	Kcgr-Kctm	450	Aug. 7, 1953	9	0.1	7	8	315	--	579	176	53	1.4	< .4	--	854	51	--	8.0	93	19.3	8.4
05-101	Kctm	573	June 10, 1949	10	--	4	3	427	6.0	520	199	227	1.8	.0	--	1,133	22	1,950	8.2	97	39.3	8.0
102	Kctm	542	Feb. 4, 1943	11	.9	7	2	407	--	532	230	147	--	--	--	1,066	24	--	8.2	97	34.9	8.2
204	Kcpa	317	Nov. 23, 1970	10	--	2	1	176	--	345	55	11	.3	1.5	--	426	8	701	8.9	98	25.3	5.4
302	Kcpa	419	Aug. 22, 1975	11	--	5	1	174	1.0	405	48	11	.1	< .4	0.2	450	12	700	8.1	95	18.5	6.3
303	Kctm	992	do	10	--	13	1	412	--	399	178	284	.7	2.7	--	1,097	38	1,760	8.0	96	29.6	5.8
401	Kcgr	152	Nov. 2, 1950	11	--	18	2	459	--	718	106	250	.0	2.5	--	1,201	55	2,050	8.6	95	27.3	10.7
502	Kcpa	405	June 24, 1977	12	1.1	4	1	186	--	418	54	8	.2	< .4	--	472	12	730	8.3	97	21.5	6.5
703	Kcpa	196	Aug. 11, 1953	11	.1	3	3	196	--	431	50	29	.8	.0	--	504	22	837	8.4	96	19.1	6.6
801	Kcpa	208	Aug. 25, 1971	--	--	28	5	114	--	374	8	19	.1	< .4	--	358	89	--	8.1	73	5.2	4.3
801	Kcpa	208	Oct. 9, 1974	--	.0	21	5	129	--	384	8	23	.1	2.5	--	377	75	690	8.1	79	6.5	4.8
802	Kcpa	250	Nov. 30, 1972	11	.1	5	1	177	2.2	411	17	18	--	--	--	433	17	--	--	95	18.9	6.4
802	Kcpa	250	Oct. 9, 1974	--	.0	3	1	181	--	449	16	18	.1	2.3	--	442	12	780	8.3	97	23.1	7.1
908	Kcpa	405	May 14, 1975	1	--	1	1	188	--	223	81	12	.4	< .4	--	394	4	810	9.7	98	31.8	3.5
911	Kcpa	430	June 24, 1977	11	--	1	1	202	--	399	75	9	.2	1.4	--	496	6	796	8.7	98	34.1	6.4
06-401	Kcpa	300	Nov. 23, 1970	11	--	1	1	192	--	394	33	9	.3	1.5	--	442	7	749	9.1	98	32.4	6.3
402	Kcpa	585	Oct. 6, 1976	12	.1	1	1	263	--	540	86	30	1.6	1.0	--	661	7	1,044	8.6	99	44.5	8.7
403	Kctm	1,190	Feb. 10, 1972	--	.2	4	1	429	--	532	216	165	1.0	.0	--	1,077	14	1,650	--	98	49.7	8.4
403	Kctm	1,190	Oct. 6, 1976	13	.0	3	1	405	--	550	182	165	1.5	< .4	--	1,041	12	1,720	8.5	99	51.7	8.7
501	Kcpa	512	Aug. 20, 1953	13	--	--	--	200	--	476	32	9	.2	.0	--	488	2	798	8.4	--	--	--
502	Kctm	1,160	Mar. 28, 1975	5	.1	3	1	564	--	481	120	459	.6	3.5	--	1,392	14	--	8.0	99	72.0	7.6
504	Kcpa	690	Jan. 25, 1977	--	.1	2	1	251	--	433	65	24	1.9	.0	--	620	10	975	8.8	98	36.2	6.9
602	Kcpa	639	Dec. 1, 1961	--	.1	1	1	208	--	--	48	5	.6	< .4	--	522	4	870	8.7	98	35.2	--
603	Kcpa	447	June 9, 1949	13	.1	0	0	197	5.2	480	31	7	.6	.5	--	490	2	825	9.0	--	--	7.8
605	Kctm	1,273	Mar. 17, 1967	11	.2	5	2	505	--	529	201	332	2.3	.2	--	1,318	19	2,210	8.1	98	48.2	8.2



## TARRANT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dis-solved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
XU-32-06-605	Kctm	1,273	Aug. 4, 1975	--	0.1	6	1	474	--	520	196	298	2.1	4.1	--	1,237	19	2,352	8.4	98	47.2	8.1
606	Kcpa	780	Dec. 10, 1976	--	.1	2	0	253	--	461	76	22	1.7	.0	--	623	6	1,000	8.8	99	49.2	7.4
801	Kcpa	422	Oct. 22, 1975	13	--	3	1	198	1.0	479	30	8	.4	< .4	--	490	11	779	8.3	97	25.2	7.6
07-101	Kcpa	744	Mar. 8, 1972	--	0.0	1	1	200	--	411	34	7	.3	2.0	--	447	8	852	9.1	98	33.8	6.6
101	Kcpa	744	Sept. 10, 1974	--	.0	1	1	197	--	414	35	7	.4	2.9	--	447	5	876	9.0	98	33.3	6.6
102	Kgw	125	do	--	.1	10	2	12	--	40	5	13	.2	10.0	--	72	35	139	6.4	44	.9	.0
201	Kcpa	747	Sept. 15, 1975	9	.3	16	5	384	--	689	264	39	.7	1.0	--	1,057	67	--	8.2	93	21.4	10.0
401	Kcpa	625	Mar. 24, 1972	13	.1	2	1	190	2.0	349	26	8	--	--	--	413	9	--	9.0	97	27.4	5.5
402	Kctm	1,468	Apr. 6, 1967	12	.1	7	2	560	--	515	161	462	1.0	.2	--	1,458	27	2,520	8.0	98	48.0	7.9
402	Kctm	1,468	Feb. 2, 1972	--	.2	8	4	570	--	380	176	510	1.0	1.5	--	1,457	34	--	8.3	97	41.0	5.5
402	Kctm	1,468	Aug. 4, 1975	--	.2	7	2	530	--	510	162	435	1.8	4.7	--	1,393	28	2,730	8.2	98	45.4	7.8
403	Kcpa	841	Apr. 19, 1974	6	.1	5	0	356	--	524	175	36	1.0	2.5	--	839	--	--	8.4	98	43.8	8.3
403	Kcpa	841	Oct. 6, 1976	12	--	2	1	312	--	560	112	26	3.0	1.6	--	744	8	1,196	8.9	99	45.0	8.9
503	Kcpa	816	Sept. 15, 1971	--	--	2	2	214	--	437	63	10	.9	< .4	--	538	14	966	9.0	97	25.6	6.8
601	Kctm	1,649	Nov. 2, 1965	12	.1	4	1	500	--	570	176	317	1.6	1.4	--	1,293	16	2,190	8.4	99	57.9	9.0
601	Kctm	1,649	Dec. 2, 1971	--	--	4	2	520	--	511	169	383	.5	< .4	--	1,330	20	--	8.3	98	53.0	8.0
601	Kctm	1,649	Mar. 17, 1975	--	--	7	1	670	--	449	185	650	1.6	.5	--	1,735	23	3,317	8.4	98	62.7	6.9
602	Kctm	1,610	May 17, 1972	--	.1	5	2	530	--	493	166	404	1.0	.2	--	1,350	20	1,820	8.3	98	50.6	7.6
602	Kctm	1,610	Feb. 19, 1975	--	.0	5	2	550	--	494	167	464	1.2	5.2	--	1,437	20	2,730	8.1	98	52.5	7.6
801	Kcpa	781	Feb. 25, 1966	12	1.0	0	0	195	--	417	6	13	--	--	--	432	--	--	8.8	--	--	6.8
802	Kcpa	760	Feb. 9, 1965	--	.4	2	0	220	--	432	56	11	.7	< .4	--	530	6	950	9.0	99	42.8	6.9
802	Kcpa	760	Aug. 21, 1974	--	--	2	2	213	--	404	54	15	.9	.6	--	528	13	952	9.0	97	25.4	6.3
803	Kcpa	757	May 5, 1962	13	.0	1	0	226	--	446	33	14	--	--	--	506	5	--	9.1	99	62.2	7.2
803	Kcpa	757	Feb. 9, 1965	--	--	2	1	220	--	429	56	11	.7	< .4	--	540	6	950	8.9	98	31.7	6.8
803	Kcpa	757	Aug. 21, 1974	--	--	1	6	210	--	409	55	13	.9	.6	--	528	30	945	9.0	94	17.5	6.1
901	Kcpa	640	Dec. 11, 1950	8	--	1	1	207	--	428	71	13	1.0	.0	--	512	6	838	8.7	98	35.0	6.8
902	Kcpa	851	Apr. 25, 1975	13	--	1	1	237	--	453	88	13	1.1	< .4	--	577	5	934	8.7	99	40.1	7.2
903	Kgw	103	do	7	1.3	68	8	31	2.0	214	37	34	.3	17.0	--	310	204	530	7.4	25	.9	.0
904	Kcpa	823	Sept. 15, 1971	--	--	1	2	220	--	453	77	11	.9	1.5	--	560	12	973	8.8	98	29.2	7.2
907	Kgw	87	Sept. 14, 1976	14	--	35	7	52	--	134	25	67	.7	2.7	--	269	117	478	7.4	49	2.0	.0
911	Kgw	185	July 24, 1975	13	--	52	12	70	--	65	76	132	.2	22.0	--	409	179	700	6.5	46	2.2	.0
08-103	Kcpa	812	Oct. 11, 1973	--	--	1	1	216	--	411	71	15	.8	3.3	--	539	7	959	9.0	99	36.5	6.6
104	Kgw	177	May 16, 1973	--	--	17	10	102	--	210	56	56	.3	< .4	--	344	86	655	7.4	73	4.8	1.7

## TARRANT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
XU-32-08-105	Kgw	170	June 5, 1974	--	1.0	27	9	78	--	168	55	56	0.4	2.1	--	311	106	604	7.5	62	3.3	.6
106	Kgw	145	May 16, 1973	--	--	44	19	81	--	162	131	71	.4	< .4	--	426	190	800	6.8	48	2.5	.0
107	Kgw	195	June 6, 1974	--	11.4	47	17	70	--	231	56	63	.3	< .4	--	379	185	730	7.4	45	2.2	.0
108	Kgw	70	June 5, 1974	--	.5	9	3	134	--	279	48	35	.4	1.7	--	368	36	685	7.6	89	9.8	3.8
113	Kcpa	787	Mar. 27, 1964	--	--	1	1	219	--	406	73	12	.6	2.0	--	538	6	980	9.0	99	37.0	6.5
114	Kcpa	784	Oct. 11, 1973	--	--	1	1	239	--	456	85	15	1.1	2.7	--	593	7	1,040	8.9	99	40.4	7.3
201	Kgw	238	June 21, 1972	--	2.7	1	2	128	--	215	40	56	.3	1.5	--	337	10	600	7.9	96	17.0	3.3
202	Kgw	200	June 5, 1974	--	.9	3	1	168	--	343	50	28	.8	2.3	--	422	7	756	8.2	97	21.4	5.3
501	Kctm	1,810	Dec. 12, 1951	12	.2	14	3	411	--	622	207	133	2.2	< .4	--	1,130	48	--	8.4	95	26.0	--
501	Kctm	1,810	Jan. 23, 1962	--	--	4	1	408	--	594	210	141	2.4	2.2	--	1,200	12	2,000	8.0	98	47.2	9.4
502	Kcpa	700	Sept. 19, 1949	14	--	2	1	231	7.6	478	101	14	.6	2.0	--	608	8	1,000	8.8	96	33.3	7.6
502	Kcpa	700	Aug. 17, 1955	--	.1	2	1	294	--	469	216	28	.7	2.7	--	800	9	--	8.5	98	42.4	--
503	Kctm	1,790	Jan. 31, 1938	31	2.0	9	5	--	--	--	205	142	1.5	--	--	44	--	--	8.6	--	--	--
503	Kctm	1,790	Sept. 19, 1949	16	--	3	2	419	7.6	617	215	139	2.6	2.0	--	1,109	14	1,810	8.2	97	45.9	9.7
504	Kgw	187	June 6, 1974	--	3.0	23	9	71	--	196	33	42	.3	< .4	--	278	95	532	7.5	62	3.1	1.3
505	Kgw	197	June 5, 1974	--	6.5	40	15	58	--	168	65	58	.3	< .4	--	326	163	630	7.1	44	1.9	.0
701	Kcpa	750	Oct. 11, 1973	--	--	1	1	253	--	462	117	17	1.3	2.7	--	640	7	1,143	8.8	99	42.8	7.4
703	Kgw	105	May 28, 1975	15	--	35	3	5	--	120	4	7	.6	< .4	--	129	102	220	7.4	10	.2	.0
704	Kgw	110	July 21, 1976	17	--	51	9	59	--	59	47	115	.1	44.0	--	371	164	635	7.8	44	2.0	.0
705	Kgw	110	do	10	--	26	7	13	--	61	40	21	.1	2.3	--	149	94	250	8.1	23	.5	.0
12-501	Kcpa	105	Feb. 12, 1971	20	--	82	11	20	--	321	19	5	.1	< .4	--	315	249	500	7.7	15	.5	.2
501	Kcpa	105	Aug. 4, 1976	20	--	68	8	20	--	265	23	5	.1	< .4	--	274	202	439	8.1	18	.6	.2
601	Kcpa	260	Sept. 29, 1975	11	--	9	3	125	--	321	40	6	.5	< .4	--	352	33	570	7.9	89	9.2	4.5
902	Kcpa	220	Oct. 17, 1974	20	.1	72	22	34	2.9	314	72	11	.2	.6	--	389	270	635	--	21	.8	.0
903	Kctm	796	Sept. 2, 1970	--	.6	2	2	264	--	570	68	26	.8	< .4	--	660	13	1,160	8.7	98	31.5	9.0
904	Kcpa	338	do	--	--	49	32	31	--	287	61	14	.3	4.0	--	341	254	644	7.6	21	.8	.0
905	Kcpa	320	do	--	--	48	43	14	--	294	78	10	.3	< .4	--	330	297	660	7.7	9	.3	.0
13-101	Kcpa	100	Sept. 5, 1975	22	--	89	12	20	--	318	35	12	.2	1.1	--	347	272	556	8.1	14	.5	.0
103	Kctm	515	Oct. 22, 1975	11	--	2	2	331	--	620	154	45	1.9	< .4	--	852	14	1,320	8.5	98	39.6	9.8
401	Kcpa	120	Mar. 6, 1972	--	.0	117	5	11	--	334	33	17	.2	2.5	--	350	313	660	7.1	7	.2	.0
401	Kcpa	120	Sept. 5, 1975	17	--	77	4	19	--	210	29	31	.2	2.3	--	282	211	475	7.7	16	.5	.0
401	Kcpa	120	Aug. 2, 1976	--	.0	120	1	17	--	328	35	27	.2	3.9	--	363	307	700	7.5	11	.4	.0
402	Kctm	660	June 6, 1966	--	.0	114	4	24	--	332	37	32	.2	1.7	--	376	302	724	7.4	15	.6	.0

## TARRANT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
XU-32-13-402	Kctm	660	Mar. 6, 1972	--	0.0	105	5	19	--	298	28	34	0.2	1.5	--	339	285	656	7.5	13	0.4	0.0
402	Kctm	660	Sept. 5, 1975	12	--	46	2	216	--	456	122	62	1.3	< .4	--	685	124	1,076	8.2	79	8.4	5.0
402	Kctm	660	Aug. 2, 1976	--	.1	32	1	257	--	490	145	64	.2	< .4	--	740	79	1,360	8.1	87	12.2	6.3
403	Kcpa	80	Mar. 6, 1972	--	.0	110	5	26	--	311	27	47	.2	1.5	--	369	296	725	7.3	16	.6	.0
403	Kcpa	80	Aug. 2, 1976	--	.9	115	2	29	--	315	28	48	.2	1.5	--	380	295	745	7.7	18	.7	.0
404	Kcpa	80	Mar. 6, 1972	--	.0	97	5	18	--	271	25	34	.2	< .4	--	312	264	608	7.3	13	.4	.0
404	Kcpa	80	Aug. 2, 1976	--	.1	107	1	21	--	294	23	37	.2	1.0	--	335	274	650	7.6	14	.5	.0
405	Kcpa	180	Sept. 24, 1973	--	.0	66	2	71	--	325	48	10	.6	1.5	--	359	174	660	7.5	47	2.3	1.8
405	Kcpa	180	Aug. 2, 1976	--	.0	77	2	64	--	325	49	17	.3	1.6	--	375	202	685	7.6	41	1.9	1.3
405	Kcpa	180	Aug. 4, 1976	16	--	21	4	70	--	177	49	16	.4	.8	--	264	69	427	8.4	69	3.6	1.5
501	Kcpa	275	Apr. 14, 1953	13	--	6	3	203	--	469	61	14	.4	.0	--	531	28	--	8.5	94	16.9	7.1
502	Kctm	810	Apr. 10, 1953	15	--	6	3	363	--	604	189	89	.2	.0	--	962	28	--	8.3	97	30.2	9.3
502	Kctm	810	Sept. 18, 1958	--	.1	3	2	285	--	547	128	63	1.6	< .4	--	752	17	1,450	8.2	98	31.2	8.6
603	Kcpa	395	Mar. 15, 1972	--	--	1	1	195	--	395	42	9	.4	2.0	--	444	7	855	9.2	98	33.0	6.3
603	Kcpa	395	Feb. 11, 1975	--	.0	2	1	202	--	429	41	11	.5	2.4	--	470	5	840	8.7	98	29.1	6.8
604	Kcpa	363	Mar. 1, 1960	--	.1	2	1	200	--	--	40	12	.4	< .4	--	497	6	829	9.2	98	28.8	--
604	Kcpa	363	Apr. 17, 1961	--	--	2	1	219	--	432	32	12	.4	< .4	--	510	5	851	8.6	98	31.5	6.8
608	Kcpa	385	Mar. 1, 1960	--	--	2	1	196	--	--	40	12	.2	< .4	--	491	7	818	9.2	98	28.2	--
608	Kcpa	385	Apr. 17, 1961	--	--	1	1	209	--	434	37	13	.2	< .4	--	498	4	830	8.6	98	35.3	6.9
610	Kcpa	339	July 7, 1950	17	.3	8	7	227	--	--	56	28	.5	3.1	--	614	49	--	8.9	91	14.1	--
610	Kcpa	339	Apr. 17, 1961	--	--	2	1	224	--	488	36	12	.3	< .4	--	532	5	887	8.5	98	32.3	7.8
611	Kcpa	335	Apr. 15, 1975	12	--	2	1	257	--	620	20	18	.3	1.9	--	617	9	974	8.6	98	37.0	9.9
702	Kcpa	201	May 6, 1968	--	.2	51	20	45	--	292	57	11	.4	.5	--	329	208	636	7.4	32	1.3	.5
703	Kcpa	254	Mar. 31, 1952	19	.1	55	23	37	2.0	283	60	12	.3	7.5	0.2	355	232	580	7.7	26	1.0	.0
703	Kcpa	254	May 6, 1968	--	.4	64	25	32	--	314	64	11	.3	< .4	--	351	262	680	7.5	21	.8	.0
704	Kcpa	168	do	--	5.8	46	19	48	--	298	45	11	.3	< .4	--	326	194	616	7.6	35	1.5	1.0
706	Kctm	720	do	--	--	2	2	286	--	580	89	26	1.1	< .4	--	707	14	1,240	8.6	98	34.2	9.2
707	Kcpa	305	do	--	--	36	15	90	--	325	70	11	.7	< .4	--	383	153	720	7.9	56	3.1	2.2
710	Kcpa	235	Oct. 17, 1974	10	.3	9	3	180	1.9	352	110	20	1.2	.9	--	509	34	846	8.2	91	13.2	5.0
801	Kcpa	282	Sept. 14, 1949	16	.2	23	13	98	7.2	306	50	16	.6	9.0	.3	383	111	630	7.6	64	4.0	2.7
801	Kcpa	282	May 6, 1968	--	.1	28	13	77	--	278	44	12	.1	< .4	--	311	122	600	7.5	58	3.0	2.0
802	Kctm	941	Sept. 19, 1949	10	.1	14	2	207	7.6	456	79	31	1.4	.5	.6	577	42	925	8.4	89	13.7	6.6
802	Kctm	941	May 6, 1968	--	--	6	2	276	--	550	116	35	1.2	1.0	--	718	24	1,272	8.5	96	24.9	8.5

## TARRANT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25 °C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
XU-32-13-803	Kcpa	195	May 6, 1968	--	0.2	45	17	56	--	300	46	13	0.3	< 0.4	--	325	182	632	7.8	40	1.8	1.2
804	Kcpa	232	do	--	.4	55	22	54	--	273	105	15	.3	< .4	--	386	228	745	7.4	34	1.5	.0
806	Kcpa	275	do	--	9.9	47	18	56	--	296	53	16	.3	< .4	--	336	191	640	7.7	39	1.7	1.0
902	Kctm	834	July 7, 1950	64	.5	9	9	322	--	--	167	46	1.4	< .4	--	931	60	--	8.5	92	18.1	--
903	Kcpa	320	Oct. 11, 1949	29	.0	4	3	251	--	--	90	25	.8	< .4	--	667	23	--	8.7	96	23.1	--
909	Kcpa	376	Mar. 1, 1960	--	.2	2	1	240	--	--	95	18	.7	< .4	--	579	6	965	9.0	98	34.6	--
909	Kcpa	376	Apr. 17, 1961	--	--	2	1	252	--	519	64	19	.7	< .4	--	596	6	993	8.3	98	36.3	8.3
910	Kcpa	334	June 3, 1975	12	--	2	1	255	--	449	122	18	1.3	3.8	--	635	7	1,005	8.8	98	36.7	7.1
915	Kcpa	173	Jan. 3, 1951	12	--	15	1	251	--	654	19	20	--	.2	--	639	40	1,060	8.7	93	16.9	9.8
915	Kcpa	173	Apr. 20, 1953	13	.2	5	1	252	0.9	623	19	26	.4	1.5	0.3	625	18	1,020	8.4	97	26.9	9.8
917	Kcpa	395	Nov. 8, 1950	13	--	1	1	184	--	432	35	9	--	1.8	--	457	6	736	8.3	98	31.1	6.9
14-101	Kctm	1,105	Sept. 16, 1975	--	--	5	1	407	--	610	213	128	2.7	3.1	--	1,066	15	1,944	8.4	98	43.4	9.6
102	Kctm	1,112	June 12, 1961	12	--	2	1	411	--	602	226	119	2.4	.0	--	1,069	11	1,720	8.1	99	59.2	9.6
102	Kctm	1,112	Aug. 25, 1975	--	--	5	1	406	2.0	560	241	131	2.2	< .4	--	1,081	16	2,012	8.7	98	43.3	8.8
103	Kcpa	370	Nov. 7, 1950	12	--	1	1	198	--	469	37	10	.3	1.8	--	491	6	--	8.7	98	33.5	7.5
103	Kcpa	370	June 10, 1972	--	--	1	2	200	--	447	37	10	.6	2.0	--	472	9	--	9.1	98	26.5	7.1
105	Kcpa	428	Jan. 7, 1969	--	.0	2	1	193	--	440	33	10	.6	< .4	--	456	8	--	9.1	98	27.8	7.0
105	Kcpa	428	June 6, 1972	--	--	1	2	200	--	410	37	10	.6	2.0	--	454	9	858	9.1	98	26.5	6.5
106	Kcpa	430	Feb. 16, 1971	--	--	2	1	198	--	406	38	9	.6	< .4	--	448	8	864	9.1	98	28.5	6.4
106	Kcpa	430	Dec. 10, 1974	--	--	2	1	208	1.0	423	50	15	.7	2.9	--	488	5	924	9.0	98	30.0	6.7
107	Kctm	1,105	July 3, 1973	--	.0	3	2	412	--	554	244	110	2.0	.0	--	1,045	15	1,650	8.4	98	45.2	8.7
108	Kctm	1,049	June 14, 1949	12	.0	4	3	431	6.0	613	293	103	3.6	1.8	1.9	1,160	28	1,880	8.3	97	39.6	9.6
110	Kctm	1,041	Mar. 15, 1976	--	.1	3	1	317	--	288	238	118	2.0	.0	--	851	13	1,600	8.4	98	40.4	4.4
111	Kcpa	525	do	--	.0	2	1	204	--	338	49	16	.5	.0	--	500	6	800	8.9	98	29.4	5.3
302	Kcpa	573	Aug. 7, 1967	--	--	3	2	263	--	453	153	15	1.5	3.0	--	687	17	1,224	8.9	97	28.8	7.1
302	Kcpa	573	Feb. 8, 1972	--	--	7	5	630	--	570	840	39	4.5	< .4	--	1,808	38	3,193	8.4	97	44.4	8.5
303	Kctm	1,200	June 1, 1965	24	--	4	1	366	4.0	518	21	95	2.4	--	--	772	15	--	8.0	98	42.4	8.2
303	Kctm	1,200	Aug. 7, 1967	--	--	3	1	369	--	540	215	99	2.5	< .4	--	966	13	1,771	8.6	98	47.1	8.6
303	Kctm	1,200	Feb. 8, 1972	--	--	4	2	363	--	540	224	92	2.3	< .4	--	963	16	1,712	8.6	98	37.0	8.4
304	Kcpa	538	Sept. 18, 1961	12	.0	2	1	212	--	395	31	14	--	--	--	466	7	--	9.1	98	30.5	6.2
404	Kctm	1,060	Apr. 24, 1923	16	.2	5	3	238	--	511	87	23	--	--	--	623	25	--	--	95	20.7	7.8
405	Kctm	1,055	do	19	.2	5	4	330	--	553	195	61	--	1.2	--	887	27	--	--	96	26.6	8.4
406	Kctm	1,030	June 14, 1949	10	.1	4	3	428	9.6	635	367	33	4.4	2.2	1.6	1,175	33	1,840	8.1	96	39.4	9.9

## TARRANT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
XU-32-14-409	Kctm	1,024	Aug. 5, 1975	12	--	4	1	361	--	570	200	78	2.2	< 0.4	--	938	14	1,490	8.2	98	41.8	9.0
410	Kcpa	342	do	10	--	1	1	213	--	492	44	13	.8	< .4	--	525	6	822	8.4	98	36.0	7.9
415	Kctm-Kcpa	961	Oct. 19, 1956	--	.1	4	1	353	--	586	183	66	--	--	--	895	13	--	8.4	98	40.9	9.3
501	Kctm	1,117	Oct. 17, 1950	13	--	4	5	338	--	532	226	64	.0	2.5	--	914	30	--	8.3	96	26.6	8.1
502	Kctm	1,108	Sept. 15, 1954	13	.2	4	1	367	--	512	205	88	--	--	--	929	12	--	8.6	98	42.5	8.1
505	Kcgr	877	Nov. 17, 1953	13	.3	2	1	326	--	498	209	63	1.6	1.5	--	862	10	1,380	8.2	99	47.0	7.9
505	Kcgr	877	Aug. 7, 1967	--	--	3	1	330	--	471	207	61	2.1	2.0	--	851	15	1,529	8.6	98	42.1	7.4
506	Kcpa	390	Dec. 20, 1965	--	--	2	2	324	--	476	203	53	2.0	< .4	--	830	11	1,472	8.6	98	38.7	7.5
507	Kctm	1,098	Aug. 5, 1975	14	--	9	1	354	--	558	220	82	2.0	1.6	--	957	27	1,440	8.1	97	29.8	8.6
508	Kctm	1,125	June 14, 1949	12	.4	3	3	364	10.0	540	220	101	2.0	1.8	0.7	983	18	1,610	8.2	96	35.5	8.4
513	Kcpa	389	Oct. 20, 1950	12	--	2	3	229	--	502	77	14	--	2.0	--	585	14	967	8.7	97	23.9	7.8
515	Kcpa	440	June 21, 1977	11	.3	2	1	244	--	468	108	15	1.0	1.9	--	614	7	980	8.6	98	35.1	7.4
601	Kctm	1,178	Aug. 7, 1967	--	.1	4	2	346	--	520	211	93	1.9	< .4	--	914	17	1,716	8.5	98	35.2	8.1
603	Kcpa	385	do	--	--	2	1	263	--	447	133	30	1.5	< .4	--	674	10	1,200	8.9	98	37.9	7.1
603	Kcpa	385	Jan. 5, 1973	--	--	2	2	262	--	450	140	30	1.1	< .4	--	683	12	1,215	8.9	98	31.3	7.1
604	Kctm	1,140	July 17, 1950	15	.4	9	11	335	--	525	193	89	1.5	2.2	--	914	68	--	8.5	92	17.7	7.2
604	Kctm	1,140	Jan. 10, 1953	12	.8	11	4	345	--	--	172	117	1.8	2.7	--	940	44	--	8.5	94	22.6	--
604	Kctm	1,140	Aug. 7, 1967	--	--	2	2	352	--	493	149	125	2.0	< .4	--	888	13	1,595	8.7	98	42.1	7.8
604	Kctm	1,140	Jan. 5, 1973	--	--	2	2	343	--	500	174	110	1.8	1.0	--	900	14	1,650	8.7	98	41.0	7.9
605	Kctm	1,284	July 15, 1947	19	.2	10	3	362	--	--	182	103	1.5	< .4	--	973	38	--	8.5	95	25.7	--
605	Kctm	1,284	Jan. 11, 1953	13	.1	10	3	344	--	612	203	92	1.7	< .4	--	968	38	--	8.5	95	24.5	9.2
605	Kctm	1,284	Aug. 7, 1967	--	.0	2	2	335	--	492	139	125	2.0	< .4	--	847	15	--	8.7	98	40.0	7.7
605	Kctm	1,284	Aug. 5, 1976	12	--	4	1	343	--	500	202	92	1.6	< .4	--	901	14	1,470	8.6	98	39.7	7.9
606	Kcpa	482	Jan. 11, 1953	24	1.2	6	2	241	--	476	97	21	.8	3.5	--	630	23	--	8.8	96	21.7	7.3
606	Kcpa	482	Dec. 20, 1965	--	--	2	2	239	--	447	104	15	1.1	< .4	--	606	12	1,086	8.9	98	28.6	7.0
606	Kcpa	482	Aug. 17, 1967	0	.3	2	1	236	--	440	95	16	1.0	< .4	--	568	8	--	9.0	98	34.0	7.0
606	Kcpa	482	Jan. 5, 1973	--	--	1	2	235	--	443	92	16	.9	1.0	--	595	9	1,064	9.0	98	31.2	7.0
607	Kcpa	390	June 9, 1949	13	.1	1	1	256	7.6	503	109	28	1.4	1.2	--	665	5	1,100	8.7	97	43.3	8.1
607	Kcpa	390	July 17, 1950	20	1.2	10	7	339	--	--	178	96	1.6	2.2	--	901	54	--	8.6	93	20.1	--
608	Kcpa	410	Feb. 27, 1957	--	.0	1	1	230	--	453	97	15	1.0	< .4	--	568	7	1,100	8.7	99	38.9	7.2
608	Kcpa	410	Aug. 7, 1967	--	--	7	2	209	--	410	84	17	1.0	1.5	--	543	28	972	8.9	95	17.9	6.2
608	Kcpa	410	Feb. 8, 1972	--	--	2	1	235	--	434	97	15	1.0	< .4	--	594	11	1,050	9.0	98	33.8	6.9
609	Kctm	1,130	Dec. 5, 1954	--	.2	3	1	356	--	508	199	90	--	--	--	898	13	--	8.6	98	45.4	8.0

## TARRANT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25 °C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
XU-32-14-609	Kctm	1,130	Aug. 7, 1967	--	--	3	1	344	--	510	204	85	2.0	< 0.4	--	897	14	1,650	8.5	98	43.9	8.1
609	Kctm	1,130	Jan. 5, 1973	--	--	3	2	341	--	500	216	82	1.8	1.0	--	904	14	1,639	8.6	98	37.4	7.8
610	Kcpa	425	Dec. 20, 1965	--	--	1	2	259	--	449	125	21	1.3	< .4	--	650	11	1,158	8.8	98	34.4	7.1
610	Kcpa	425	Aug. 17, 1967	--	0.0	2	2	256	--	440	123	21	1.2	< .4	--	622	13	--	8.9	98	30.6	6.9
610	Kcpa	425	Jan. 5, 1973	--	--	1	2	246	--	443	127	18	1.0	1.0	--	637	9	1,161	8.9	98	32.6	7.0
611	Kctm	1,201	Aug. 7, 1967	--	.2	3	2	338	--	489	141	127	2.0	< .4	--	871	16	1,617	8.7	98	37.1	7.7
611	Kctm	1,201	Jan. 5, 1973	--	--	2	2	340	--	498	151	128	1.8	< .4	--	883	14	1,606	8.7	98	40.6	7.8
612	Kcpa	525	Aug. 4, 1955	12	.2	2	1	248	--	445	104	25	.8	2.9	--	614	9	--	8.7	98	35.7	7.1
612	Kcpa	525	Aug. 7, 1967	--	.3	2	1	250	--	448	104	21	1.1	2.0	--	630	10	1,152	9.0	98	36.0	7.1
612	Kcpa	525	Aug. 5, 1976	10	--	8	1	210	2.0	420	96	28	.9	< .4	--	562	23	898	8.6	94	18.6	6.4
613	Kctm	--	Aug. 7, 1967	--	--	4	1	361	--	520	218	99	2.3	1.8	--	950	13	1,727	8.5	98	41.8	8.2
614	Kcpa	496	Feb. 9, 1965	--	--	2	1	219	--	439	51	11	.8	< .4	--	531	8	952	9.0	98	31.5	7.0
614	Kcpa	496	Aug. 21, 1974	--	.1	21	2	133	--	282	59	32	1.1	2.5	--	397	61	745	8.5	83	7.4	3.4
615	Kcpa	454	do	--	.1	17	3	133	--	296	58	27	1.1	2.1	--	391	53	720	8.4	84	7.8	3.7
703	Qal	39	Dec. 18, 1950	15	--	190	9	81	--	329	129	159	.0	75.0	--	819	512	1,460	7.7	26	1.5	.0
705	Kctm	1,000	July 11, 1950	15	.1	8	9	329	--	--	176	67	1.5	2.7	--	901	57	--	8.7	93	18.9	--
705	Kctm	1,000	Apr. 28, 1953	15	.2	3	1	356	1.5	555	193	82	2.2	.0	0.9	927	10	1,490	8.4	98	45.4	8.8
710	Kctm	987	June 13, 1949	12	.0	2	2	331	6.0	528	188	75	1.8	.0	--	877	12	1,420	8.4	97	39.6	8.3
711	Kctm	973	Feb. 13, 1954	13	.3	5	1	285	3.6	452	169	37	1.8	2.8	.6	721	16	1,150	8.5	96	28.3	7.0
714	Kctm	850	Apr. 13, 1954	12	.0	1	1	211	--	468	56	14	--	1.5	--	526	5	874	8.8	98	35.7	7.5
715	Kcpa	261	Oct. 9, 1950	13	--	1	1	198	--	455	40	14	--	1.8	--	492	6	812	8.3	98	33.5	7.3
717	Kcpa	351	Aug. 6, 1975	11	--	3	1	206	--	436	53	16	.7	2.1	--	507	8	815	8.8	97	26.3	6.9
718	Kcpa	375	do	11	--	3	1	240	--	459	111	26	1.0	.9	--	619	7	969	8.4	98	30.6	7.2
721	Kctm	735	Apr. 16, 1954	5	.0	6	4	550	--	659	579	39	--	4.0	--	1,511	29	2,320	8.6	97	42.6	10.1
801	Kcpa	375	July 14, 1950	5	.1	9	8	258	--	--	131	32	.8	< .4	--	708	55	--	8.9	91	15.0	--
804	Kctm	1,075	do	16	.1	8	7	347	--	--	142	131	1.5	2.2	--	950	49	--	8.5	94	21.6	--
807	Kctm	995	June 14, 1949	12	.3	2	1	256	5.6	484	113	40	1.4	1.2	.2	670	12	1,100	8.6	97	36.9	7.7
808	Kctm	1,085	May 5, 1952	7	.1	15	0	239	--	408	93	88	1.4	1.0	--	645	38	--	--	93	16.9	5.9
809	Kegr	750	Oct. 3, 1949	12	.1	1	1	237	4.0	470	93	20	1.4	2.2	.3	603	5	987	8.8	98	40.1	7.5
810	Kcpa	466	May 5, 1950	10	.2	2	0	238	--	481	95	21	.4	.3	--	603	5	--	--	99	46.3	7.7
815	Kctm	1,090	Mar. 15, 1950	12	.2	2	0	334	--	524	107	135	1.2	.7	--	849	5	--	--	99	65.0	8.4
819	Kcpa	413	Sept. 24, 1975	10	--	6	1	247	--	477	112	23	1.0	< .4	--	634	17	995	8.5	96	24.5	7.4
901	Kctm	1,160	Jan. 26, 1953	9	2.6	7	2	340	--	512	168	107	1.6	3.5	--	892	26	--	--	97	29.1	7.8

## TARRANT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
XU-32-14-901	Kctm	1,160	Oct. 31, 1958	--	0.2	3	1	340	--	511	160	102	1.8	< 0.4	--	859	10	1,610	8.5	98	43.4	8.1
901	Kctm	1,160	Aug. 7, 1967	--	--	3	1	344	--	510	169	106	2.1	< .4	--	887	13	1,639	8.6	98	43.9	8.1
903	Kcpa	402	Feb. 27, 1956	--	.1	2	1	325	--	534	175	94	1.8	1.8	--	863	11	1,500	8.3	99	46.8	8.5
903	Kcpa	402	Aug. 7, 1967	--	--	2	2	265	--	445	141	30	1.3	< .4	--	684	13	1,208	8.9	98	31.7	7.0
903	Kcpa	402	Jan. 5, 1973	--	--	1	2	241	--	437	114	16	1.0	< .4	--	620	12	1,096	9.0	98	32.0	6.9
906	Kcpa	525	June 22, 1977	11	--	11	4	740	--	600	1,080	28	4.7	2.7	--	2,176	45	2,920	8.2	97	48.5	8.9
15-102	Kctm	1,433	Aug. 21, 1974	--	--	3	2	363	--	530	210	104	2.5	2.1	--	961	18	1,782	8.6	98	39.8	8.3
103	Kcpa	721	Feb. 9, 1965	--	--	2	1	220	--	443	61	11	.7	< .4	--	548	7	945	8.9	98	31.7	7.0
103	Kcpa	721	Aug. 21, 1974	--	.2	24	4	169	--	307	107	64	1.7	2.5	--	524	75	980	8.2	83	8.4	3.5
104	Kcpa	700	Feb. 9, 1965	--	--	2	1	220	--	434	61	11	.7	< .4	--	540	7	950	8.9	98	31.7	6.9
104	Kcpa	700	Aug. 21, 1974	--	--	24	5	169	--	307	111	64	1.6	2.5	--	528	82	987	8.3	82	8.1	3.4
105	Kcpa	560	Feb. 9, 1965	--	--	1	1	220	--	442	61	11	.8	< .4	--	542	6	970	9.0	99	37.2	7.1
106	Kcpa	610	June 11, 1963	6	.1	1	1	202	--	411	70	14	--	--	--	496	7	--	9.0	98	34.1	6.6
106	Kcpa	610	Feb. 9, 1965	--	--	1	1	224	--	442	58	11	1.0	< .4	--	545	6	970	8.9	99	37.9	7.1
107	Kcpa	562	Aug. 8, 1954	--	.1	2	1	231	--	427	84	21	.7	< .4	--	575	8	--	8.9	98	33.3	--
107	Kcpa	562	Feb. 9, 1965	--	.1	2	1	233	--	442	101	15	1.0	< .4	--	591	7	1,065	8.9	98	33.6	7.0
108	Kcpa	565	Aug. 8, 1954	--	.8	2	2	233	--	433	84	21	.7	2.0	--	585	12	--	8.9	97	27.8	--
108	Kcpa	565	Feb. 9, 1965	--	.2	2	1	233	--	440	104	15	1.0	3.0	--	600	8	1,065	8.9	98	33.6	7.0
109	Kcpa	660	Aug. 8, 1954	--	.0	1	1	241	--	409	86	21	.7	< .4	--	597	8	--	8.9	99	40.7	--
109	Kcpa	660	Feb. 9, 1965	--	--	1	1	220	--	439	58	11	.8	3.0	--	541	6	970	8.9	99	37.2	7.0
201	Kctm	1,588	Sept. 8, 1972	--	--	2	2	355	--	550	184	91	2.1	< .4	--	907	13	1,617	8.0	98	42.4	8.7
203	Kctm	1,493	Aug. 21, 1974	--	--	2	5	209	--	415	56	15	.9	< .4	--	530	28	945	9.1	95	17.9	6.2
204	Kcpa	695	Feb. 9, 1965	--	--	2	1	214	--	434	52	12	.8	< .4	--	525	8	950	9.0	98	30.8	6.9
205	Kcpa	665	do	--	--	1	1	242	--	453	96	17	1.0	3.0	--	605	6	1,065	8.8	99	40.9	7.2
205	Kcpa	665	Aug. 21, 1974	--	.9	34	4	75	--	209	43	35	.9	2.5	--	297	103	564	8.2	62	3.2	1.3
206	Kcpa	713	do	--	1.7	32	6	74	--	207	45	35	.9	2.5	--	297	104	560	8.1	61	3.1	1.3
302	Xgv	50	Nov. 18, 1970	16	--	52	17	82	--	124	42	151	.3	27.0	--	448	202	792	6.7	47	2.5	.0
303	Kctm	1,615	Apr. 29, 1975	--	1.2	20	4	272	--	417	213	67	2.6	2.6	--	786	70	1,420	8.2	90	14.5	5.5
304	Kcpa	740	Aug. 22, 1973	--	--	1	1	247	--	447	110	19	1.2	2.9	--	626	5	1,088	8.9	99	41.8	7.1
305	Kctm	1,603	Apr. 29, 1975	--	.1	2	1	357	--	520	124	121	2.8	5.9	--	895	9	1,650	8.8	99	51.4	8.3
306	Kcpa	780	Aug. 22, 1973	--	--	1	1	247	--	453	104	17	1.2	3.5	--	620	5	1,116	8.9	99	41.8	7.2
307	Kctm	1,550	Apr. 29, 1975	--	1.3	3	1	401	--	510	237	109	3.4	.7	--	1,042	12	1,944	9.0	99	51.2	8.1
308	Kcpa	775	Sept. 15, 1971	--	--	1	2	222	--	437	81	12	.1	< .4	--	558	13	987	8.9	98	29.5	6.9

## TARRANT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)	
XU-32-15-401	Kcpa	524	Feb. 9, 1965	--	--	2	1	224	--	439	56	11	1.0	< 0.4	--	542	7	970	8.9	98	32.3	7.0	
401	Kcpa	524	Aug. 21, 1974	--	0.1	33	3	87	--	217	46	36	1.1	2.7	--	320	96	600	8.4	67	3.8	1.6	
403	Kctm	1,277	Oct. 20, 1950	12	--	2	1	347	2.0	524	147	123	1.6	1.5	0.8	895	11	1,500	8.4	98	50.0	8.4	
403	Kctm	1,277	June 14, 1961	13	--	2	1	344	--	526	138	125	1.8	.0	--	883	7	1,470	8.1	99	49.6	8.4	
403	Kctm	1,277	Oct. 6, 1976	13	--	2	1	346	--	499	123	133	1.7	< .4	--	865	10	1,450	8.7	99	49.9	7.9	
404	Kcpa	590	June 14, 1961	12	--	1	0	250	--	460	102	19	1.0	.0	--	611	4	1,010	8.5	99	68.8	7.4	
406	Kcpa	500	Oct. 6, 1976	13	--	1	1	254	--	437	114	24	1.1	< .4	--	623	6	1,035	9.0	99	42.9	7.0	
409	Kctm	1,335	July 12, 1952	10	.1	3	--	250	--	500	156	96	--	--	--	760	9	--	8.6	--	--	--	
411	Kcpa	506	July 18, 1957	--	--	0	1	238	--	366	115	19	--	--	--	552	6	--	9.3	99	51.0	5.9	
411	Kcpa	506	Aug. 1, 1957	--	.9	2	1	262	--	480	121	16	1.0	< .4	--	662	6	1,037	8.7	98	37.7	--	
413	Kcpa	628	Aug. 1, 1961	10	.1	5	3	206	--	399	40	16	--	--	--	476	26	--	9.0	95	17.9	6.0	
414	Kcpa	567	Feb. 9, 1965	--	.1	1	1	220	--	442	60	11	.9	< .4	--	541	6	960	8.9	99	37.2	7.1	
415	Kcpa	527	Sept. 12, 1956	--	.2	1	1	248	--	434	87	7	.3	2.0	--	600	6	--	8.8	99	41.9	6.9	
415	Kcpa	527	Aug. 21, 1974	--	.1	37	5	40	--	150	33	33	.9	2.5	--	225	112	432	8.0	44	1.6	.2	
416	Kcpa	560	Feb. 9, 1965	--	--	1	1	220	--	439	58	11	.9	< .4	--	538	5	970	9.0	99	37.2	7.0	
507	Kctm	1,432	Jan. 2, 1965	12	--	7	0	341	--	473	145	107	--	--	--	844	--	--	8.6	98	35.4	7.4	
508	Kctm	1,457	June 15, 1958	--	.0	3	1	325	--	--	106	122	2.4	< .4	--	864	10	1,440	8.4	98	41.5	--	
510	Kctm	1,500	Aug. 28, 1962	--	.3	2	1	342	--	531	164	125	1.7	2.4	--	899	9	1,620	8.5	99	49.3	8.5	
511	Kctm	1,536	Sept. 8, 1972	--	--	2	2	342	--	530	157	118	1.9	< .4	--	884	12	1,595	8.2	98	40.9	8.4	
512	Kctm	1,413	June 10, 1966	12	.1	2	1	349	--	492	124	144	--	--	--	874	10	1,490	8.5	99	50.3	7.8	
601	Kctm	1,483	Apr. 15, 1954	--	--	--	--	--	--	557	--	100	--	--	--	--	7	1,410	8.5	--	--	--	--
601	Kctm	1,483	June 22, 1971	13	--	4	2	375	--	550	256	83	2.9	< .4	--	1,006	18	1,520	8.1	98	38.2	8.6	
601	Kctm	1,483	Aug. 5, 1976	10	--	4	1	339	--	540	153	94	2.1	< .4	--	869	10	1,390	8.6	98	39.2	8.5	
603	Kcpa	697	Mar. 27, 1972	--	.2	3	1	248	--	438	106	16	1.0	< .4	--	628	10	1,100	9.1	98	31.6	6.9	
604	Kctm	1,625	Feb. 2, 1958	--	.1	2	1	326	--	--	135	105	2.2	< .4	--	826	11	1,700	8.0	99	47.0	--	
604	Kctm	1,625	Mar. 21, 1974	--	--	3	1	325	--	510	152	87	1.9	2.9	--	836	13	1,496	8.6	98	41.5	8.1	
605	Kcpa	832	Aug. 18, 1964	--	.1	2	1	247	--	466	109	15	1.7	< .4	--	619	9	1,090	8.7	98	35.6	7.4	
605	Kcpa	832	Feb. 18, 1972	--	.9	1	1	247	--	432	111	14	1.0	< .4	--	618	9	1,100	9.0	99	41.8	6.9	
801	Kgw	48	Aug. 18, 1953	21	2.2	22	7	32	--	66	52	31	.2	1.8	--	201	84	319	6.3	45	1.5	.0	
802	Kcpa	670	do	12	--	--	--	260	--	501	127	16	1.2	.0	--	673	4	1,060	8.9	--	--	--	
903	Kcpa	692	June 2, 1975	13	--	2	1	262	--	466	154	21	1.3	< .4	.6	684	8	1,075	8.6	98	37.7	7.4	
904	Kcpa	690	July 22, 1976	12	--	3	1	256	--	440	151	21	1.0	2.4	--	663	9	1,051	8.6	98	32.7	6.9	
16-101	Kctm	1,690	Feb. 2, 1971	--	--	3	1	325	--	520	102	155	2.2	< .4	--	844	14	1,540	8.6	98	41.5	8.2	



## TARRANT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
XU-32-16-101	Kctm	1,690	Mar. 21, 1974	--	--	2	2	349	--	500	119	144	2.0	0.6	--	878	13	1,639	8.6	98	41.7	7.9
102	Kctm	1,678	Apr. 29, 1975	--	--	4	1	378	--	560	205	89	3.5	< .4	--	980	12	1,769	8.8	98	43.8	8.8
103	Kcpa	962	Aug. 18, 1964	--	0.2	3	1	251	--	448	108	15	1.7	< .4	--	622	401	--	8.8	98	32.0	7.1
104	Kcpa	924	Oct. 6, 1976	15	2.4	2	1	324	--	520	73	117	2.0	< .4	--	792	9	1,330	8.8	99	46.7	8.3
105	Kctm	1,779	do	13	--	2	1	305	--	510	93	92	1.7	1.2	--	759	10	1,260	8.8	99	43.9	8.1
201	Kcpa	959	Mar. 21, 1974	--	--	2	2	256	--	436	133	13	1.0	.6	--	648	11	1,168	8.9	98	30.6	6.8
202	Kctm	1,792	July 17, 1970	11	.2	3	1	347	--	542	107	131	--	--	--	866	10	1,450	8.7	98	44.3	8.6
202	Kctm	1,792	Mar. 7, 1973	--	--	3	2	337	--	530	137	125	2.2	1.5	--	873	15	1,584	8.6	98	36.9	8.3
203	Kctm	1,746	July 17, 1970	--	--	3	3	350	--	520	158	129	2.0	1.0	--	909	18	1,639	8.5	97	34.1	8.1
401	Kcpa	900	Aug. 6, 1953	13	--	1	2	250	--	498	116	16	.8	.2	--	643	12	1,050	8.7	98	33.2	7.9
403	Kcpa	849	Mar. 21, 1974	--	--	5	1	242	--	436	111	21	.9	.6	--	624	14	1,112	9.0	97	25.8	6.8
404	Kcpa	819	Oct. 6, 1976	12	--	2	1	242	--	471	120	17	.9	< .4	--	626	9	996	8.5	98	34.9	7.5
406	Kctm	1,701	do	14	.1	2	1	314	--	530	81	102	2.0	< .4	--	777	9	1,290	8.7	99	45.2	8.5
502	Kcpa	863	Jan. 11, 1951	12	--	10	4	179	--	338	87	42	--	2.0	--	502	40	839	8.0	90	12.1	4.7
504	Kctm	1,846	June 13, 1952	12	.5	2	2	324	4.4	554	121	88	2.6	1.5	0.6	831	12	1,400	8.6	97	38.7	8.8
704	Kcpa	772	Aug. 20, 1953	13	1.7	2	1	257	--	498	126	16	--	2.0	--	663	4	1,080	8.9	98	37.0	7.9
705	Kcpa	950	June 27, 1977	12	--	4	1	260	--	500	134	13	1.1	.8	--	671	13	1,032	8.3	98	30.1	7.9
706	Kgw	150	Aug. 21, 1953	11	13.0	43	16	79	--	240	91	37	.0	2.5	--	410	174	667	7.3	50	2.6	.4
801	Kgw	217	Nov. 20, 1970	11	--	16	8	205	--	339	179	35	.8	4.5	--	625	73	937	7.7	86	10.4	4.0
802	Kgw	285	May 22, 1975	12	--	20	5	206	--	367	168	32	1.0	< .4	--	624	70	970	7.8	86	10.6	4.6
806	Kcpa	1,050	June 8, 1949	12	.1	1	1	258	7.2	492	136	17	1.6	2.2	--	678	6	1,100	8.6	97	43.6	7.9
20-301	Kcpa	300	Sept. 3, 1975	20	--	76	16	24	--	304	45	9	.3	3.0	--	342	253	549	7.9	17	.6	.0
302	Kcpa	306	Aug. 5, 1968	--	--	74	18	27	--	301	43	24	--	.5	--	335	258	648	7.8	18	.7	.0
303	Kctm	820	Sept. 3, 1975	18	--	5	1	141	--	311	46	14	.3	3.2	--	381	18	607	8.0	95	15.0	4.7
501	Kcpa	377	Nov. 8, 1950	18	--	61	18	34	--	286	45	11	--	5.0	--	332	226	559	7.9	25	.9	.1
501	Kcpa	377	Mar. 22, 1978	15	--	58	18	42	--	281	55	13	.2	< .4	--	339	217	572	7.4	29	1.2	.2
21-101	Kcpa	279	May 6, 1968	--	1.2	45	18	56	--	299	52	12	.3	< .4	--	331	187	640	7.6	40	1.7	1.1
102	Kcpa	286	do	--	.5	46	18	58	--	295	49	20	.3	< .4	--	336	189	648	7.7	40	1.8	1.0
103	Kctm	950	Feb. 5, 1954	12	1.2	3	2	331	1.4	551	207	45	2.2	2.5	1.1	879	13	1,380	8.4	98	36.3	8.7
103	Kctm	950	May 6, 1968	--	.2	2	1	344	--	560	186	69	2.3	< .4	--	892	10	1,606	8.6	99	49.6	8.9
104	Kcpa	360	Feb. 4, 1954	18	.1	44	19	56	4.3	291	49	12	.2	5.0	.1	350	188	578	7.5	39	1.7	1.0
201	Kctm	1,030	Dec. 8, 1941	20	--	2	1	312	--	593	132	44	.0	.0	--	802	7	--	8.8	99	45.0	9.5
201	Kctm	1,030	July 7, 1950	15	.1	8	9	308	--	--	140	36	1.2	< .4	--	840	57	--	8.6	92	17.7	--

## TARRANT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
XU-32-21-204	Kcpa	381	Aug. 10, 1962	11	0.2	27	21	64	--	268	25	14	--	--	--	293	158	--	--	48	2.2	1.3
205	Kcpa	240	May 6, 1968	--	2.8	23	13	66	--	267	14	18	0.3	< 0.4	--	266	110	508	8.2	56	2.7	2.1
209	Kcpa	324	July 7, 1950	12	.0	9	7	170	--	--	44	21	.1	2.2	--	480	52	--	8.8	88	10.3	--
212	Kcpa	300	Feb. 9, 1955	16	.5	20	9	112	5.4	291	64	14	.1	10.0	0.1	394	86	638	7.9	72	5.2	3.0
301	Kcpa	362	Nov. 17, 1953	9	.0	2	1	207	--	514	56	11	.8	2.7	--	542	9	--	9.0	98	29.8	8.2
302	Kctm	985	do	19	.1	3	2	368	--	579	202	92	1.6	2.7	--	1,040	16	--	8.5	98	40.3	--
303	Kctm	865	Nov. 21, 1951	12	.4	10	3	370	--	606	179	128	2.2	< .4	--	1,002	38	--	8.3	96	26.3	9.1
405	Kcpa	258	Mar. 14, 1960	7	--	27	14	94	--	316	54	11	--	--	--	362	127	--	7.7	62	3.6	2.6
405	Kcpa	258	Mar. 24, 1966	--	.0	25	15	86	10.0	307	53	11	.2	< .4	--	351	125	639	7.8	58	3.3	2.5
406	Kcpa	293	June 8, 1962	9	.0	3	1	169	--	343	25	8	--	--	--	383	12	--	8.7	97	21.5	5.3
406	Kcpa	293	Jan. 2, 1975	--	.4	4	1	189	--	343	33	68	.3	< .4	--	464	16	903	8.6	97	21.9	5.3
407	Kcpa	310	May 24, 1965	--	.0	3	1	160	--	356	36	13	.2	< .4	--	388	13	704	8.6	97	20.4	5.6
407	Kcpa	310	Feb. 26, 1976	--	.1	10	4	139	--	340	43	10	.2	4.1	--	377	41	670	8.1	88	9.3	4.7
502	Kcpa	284	Mar. 31, 1960	8	--	5	2	142	--	333	20	11	--	--	--	351	21	--	8.3	94	13.5	5.0
503	Kcpa	340	Feb. 14, 1967	--	.4	2	2	176	--	345	44	7	.3	< .4	--	401	12	784	9.2	97	21.0	5.3
504	Kctm	830	July 6, 1967	--	--	2	1	300	1.0	529	116	31	--	--	--	711	10	--	--	98	43.2	8.4
504	Kctm	830	Aug. 4, 1976	11	--	6	1	310	--	600	145	26	1.1	< .4	--	795	16	1,190	8.3	97	30.8	9.4
506	Kcpa	277	June 1, 1968	1	.2	19	11	118	2.9	342	58	15	--	--	--	393	92	--	--	73	5.3	3.7
506	Kcpa	277	Jan. 2, 1975	--	.2	20	8	119	--	323	50	17	.3	< .4	--	373	84	--	7.7	76	5.6	3.6
507	Kcpa	292	June 7, 1968	18	.1	2	2	158	1.1	326	62	8	--	--	--	411	10	--	--	96	18.9	5.0
508	Kcpa	240	July 11, 1968	7	.3	21	8	123	5.6	342	62	11	--	--	--	406	88	--	--	74	5.7	3.8
702	Kcpa	240	July 25, 1974	--	.1	2	1	164	--	357	46	9	.2	.6	--	406	8	735	8.6	98	23.6	5.6
703	Kcpa	285	do	--	.1	3	1	175	--	357	41	10	.3	2.7	--	431	9	768	9.0	97	22.3	5.6
704	Kcpa	228	do	--	.1	2	1	169	--	356	47	10	.3	2.7	--	419	7	760	8.7	98	24.3	5.6
705	Kcpa	260	do	--	.1	2	1	164	--	356	48	10	.3	2.9	--	410	8	740	8.6	98	23.6	5.6
801	Kcpa	397	do	--	.0	1	1	172	--	366	44	10	.3	2.1	--	422	5	760	8.7	98	29.1	5.8
22-106	Kcpa	420	July 30, 1975	10	--	2	1	206	--	459	64	17	.8	< .4	--	526	5	830	8.1	98	29.7	7.3
202	Kcpa	445	June 12, 1961	12	--	1	1	247	--	448	106	24	1.1	1.8	--	614	4	1,000	8.4	99	41.8	7.2
203	Kctm	1,073	Dec. 16, 1953	--	--	--	--	--	--	504	--	60	--	--	--	--	8	1,420	8.7	--	--	--
207	Kctm	1,100	July 29, 1975	12	--	2	1	292	1.0	520	111	79	1.9	< .4	--	755	7	1,198	8.0	98	42.1	8.3
211	Kcpa	515	June 13, 1949	12	.0	4	1	203	1.6	456	47	15	.8	1.5	--	510	4	847	8.8	96	23.5	7.1
213	Kctm	1,072	July 30, 1975	12	--	4	1	320	--	510	198	66	1.9	< .4	--	854	17	1,330	8.1	98	37.0	8.0
302	Kcpa	565	July 7, 1950	15	.2	9	5	231	--	--	93	28	.8	< .4	--	647	43	--	8.9	92	15.3	--

## TARRANT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
XU-32-22-501	Kcpa	478	Oct. 12, 1950	12	0.1	1	0	191	1.6	452	33	10	0.4	2.0	0.5	473	3	787	8.6	99	52.6	7.3
506	Kcpa	512	Aug. 19, 1975	12	--	3	1	195	--	431	40	10	.6	.4	--	473	7	767	8.7	97	24.9	6.8
508	Kctm	1,171	Sept. 24, 1975	13	--	3	1	286	1.0	520	84	83	1.8	.9	--	729	12	1,152	8.3	98	36.5	8.2
601	Kcpa	595	July 7, 1950	16	.0	7	7	211	--	--	58	25	.7	< .4	--	557	47	--	8.9	91	13.4	--
602	Kctm	1,288	Aug. 24, 1948	17	.1	10	1	308	--	506	89	78	1.6	< .4	--	754	29	--	8.4	96	24.8	7.7
602	Kctm	1,288	July 14, 1950	13	.1	7	11	279	--	--	84	75	1.5	< .4	--	763	63	--	8.5	91	15.3	--
606	Kcpa	603	June 23, 1971	12	--	2	1	210	--	462	58	13	.8	< .4	--	524	9	806	8.3	98	30.2	7.3
606	Kcpa	603	Feb. 23, 1973	--	--	2	3	207	--	409	60	16	.8	< .4	--	520	18	930	9.0	96	21.6	6.3
607	Kcpa	540	July 29, 1975	12	--	5	1	206	--	466	59	15	.8	1.0	0.5	529	15	826	8.1	96	22.0	7.3
702	Kcpa	452	Nov. 17, 1950	14	--	1	1	183	--	436	28	10	--	1.5	--	452	4	741	8.3	98	30.9	7.0
702	Kcpa	452	Jan. 14, 1956	13	.0	2	1	184	--	390	32	18	.4	2.7	--	444	9	--	9.0	98	26.5	6.2
703	Kcpa	455	do	12	.0	2	1	187	--	397	30	21	.3	< .4	--	448	9	--	9.0	98	26.9	6.3
704	Kcpa	569	Aug. 19, 1975	13	--	3	1	176	--	423	25	10	.3	1.7	.3	438	10	695	8.4	97	22.4	6.7
901	Kctm	1,352	June 20, 1962	10	.1	2	1	262	--	459	65	27	--	--	--	592	8	--	8.9	98	37.7	7.3
901	Kctm	1,352	June 23, 1971	13	--	2	2	286	--	510	114	59	2.4	< .4	--	729	12	1,137	8.6	98	34.2	8.0
901	Kctm	1,352	Feb. 23, 1973	--	--	3	2	285	2.0	510	111	66	2.1	< .4	--	737	17	1,341	8.7	97	31.2	8.0
903	Kctm	1,346	June 25, 1964	8	.1	2	2	289	--	549	94	67	--	--	--	732	14	1,215	8.6	98	34.5	8.7
903	Kctm	1,346	Mar. 20, 1975	13	--	3	1	289	.1	520	85	70	2.0	< .4	.8	719	10	1,178	8.6	98	36.9	8.2
907	Kcpa	585	Mar. 19, 1975	12	--	2	1	201	--	409	46	12	.8	< .4	--	476	6	800	8.9	98	28.9	6.5
909	Kctm	1,296	do	13	--	2	1	286	--	498	100	55	2.1	1.9	--	705	9	1,154	8.8	98	41.2	7.9
911	Kcpa	588	Feb. 23, 1973	--	--	1	2	201	--	397	56	14	.8	< .4	--	502	11	906	9.1	98	26.7	6.2
914	Kcpa	600	Jan. 4, 1966	--	--	2	1	200	--	394	42	11	.8	< .4	--	480	8	875	9.0	98	28.8	6.2
914	Kcpa	600	Mar. 20, 1975	12	--	2	1	206	.1	440	49	13	.8	< .4	.5	501	6	820	8.6	98	29.7	7.0
23-101	Kctm	1,363	Aug. 20, 1948	14	--	2	1	284	--	540	73	77	.0	.2	--	716	9	1,230	--	98	40.9	8.6
101	Kctm	1,363	June 22, 1971	13	--	4	2	289	--	550	115	49	2.5	< .4	--	745	18	1,144	7.8	97	29.4	8.6
102	Kctm	1,352	Nov. 9, 1950	14	.1	1	1	305	--	512	86	72	--	--	--	730	--	--	8.4	99	51.6	8.2
103	Kctm	1,432	Aug. 19, 1948	14	--	2	2	300	--	538	96	87	.0	1.8	--	767	12	1,280	--	98	35.9	8.5
104	Kctm	1,330	Sept. 19, 1948	13	--	2	2	294	--	538	84	85	.0	1.8	--	746	10	1,220	--	98	35.1	8.5
106	Kctm	1,376	Aug. 20, 1948	15	--	2	1	300	--	548	83	89	--	1.8	--	761	10	1,300	--	99	43.2	8.7
107	Kctm	1,364	May 22, 1946	9	.1	3	1	302	6.6	556	90	86	2.0	2.0	--	775	14	1,330	8.4	97	38.5	8.8
108	Kctm	1,431	June 8, 1949	14	.2	1	1	292	5.2	549	78	79	2.2	.0	--	742	7	1,250	8.5	98	49.4	8.8
204	Kcpa	500	Aug. 19, 1953	12	--	--	--	257	--	511	115	20	.0	.0	--	660	10	1,080	8.8	--	--	--
205	Qal	19	do	18	1.9	194	34	68	--	434	244	105	.0	17.0	--	895	624	1,390	7.5	19	1.1	.0

## TARRANT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
XU-32-23-301	Kcpa	793	Aug. 21, 1953	13	--	--	--	272	--	492	146	26	1.2	2.0	--	694	6	1,150	8.8	--	--	--
302	Kcpa	840	Jan. 24, 1977	--	--	2	1	263	--	447	144	26	1.3	2.3	--	677	6	1,197	8.9	98	37.9	7.1
303	Kctm	1,741	July 10, 1953	15	--	2	1	323	1.5	541	134	85	2.0	.0	0.7	830	8	1,380	8.4	98	46.5	8.6
304	Kcpa	803	Apr. 5, 1973	--	0.0	1	2	255	--	440	138	21	1.1	< .4	--	634	10	1,192	8.9	98	33.8	6.9
304	Kcpa	803	Aug. 5, 1976	14	--	4	1	317	--	530	140	79	1.9	< .4	--	817	10	1,280	8.4	98	36.7	8.4
305	Kctm	1,552	Feb. 1, 1964	--	--	2	1	312	--	465	131	78	2.4	< .4	--	798	8	1,512	9.0	99	45.0	7.4
305	Kctm	1,552	Apr. 5, 1973	--	.1	2	2	317	--	500	142	77	2.0	< .4	--	788	12	1,460	8.7	98	37.9	7.9
305	Kctm	1,552	Aug. 5, 1976	12	--	4	1	256	--	490	143	20	1.1	< .4	--	678	11	1,047	8.2	98	29.6	7.7
306	Kctm	1,670	Apr. 5, 1973	--	.0	2	2	311	3.0	499	152	80	2.0	< .4	--	797	14	1,460	8.7	98	37.2	7.9
306	Kctm	1,670	Aug. 5, 1976	13	--	4	1	317	--	520	150	80	1.8	< .4	--	822	10	1,310	8.4	98	36.7	8.2
307	Kctm	1,619	July 24, 1969	12	.1	2	1	318	--	483	148	77	--	--	--	795	10	1,330	8.7	99	45.8	7.7
307	Kctm	1,619	Aug. 5, 1976	13	--	4	1	319	--	530	149	78	1.9	< .4	--	826	9	1,310	8.3	98	36.9	8.4
308	Kgw	98	Mar. 20, 1975	12	--	45	13	25	--	76	70	44	.4	38.0	--	284	168	485	6.8	25	.8	.0
310	Kgw	160	July 16, 1975	19	--	28	4	19	--	83	30	16	.4	< .4	--	157	85	253	7.2	32	.8	.0
401	Kctm	1,346	Sept. 26, 1950	18	.1	3	1	315	--	515	133	60	--	--	--	783	12	--	8.6	98	40.2	8.2
401	Kctm	1,346	Feb. 14, 1951	10	--	2	1	323	--	546	161	55	7.0	.0	.9	828	10	1,330	8.5	99	46.5	8.7
403	Kctm	1,397	July 11, 1950	--	.1	3	1	327	--	510	149	70	--	--	--	800	9	--	8.6	98	41.7	8.1
404	Kctm	1,352	Jan. 22, 1951	18	.1	2	0	328	--	525	101	84	--	--	--	791	5	--	8.6	99	63.8	8.5
502	Kcpa	699	June 2, 1975	13	--	2	1	257	--	484	135	23	1.5	1.7	--	672	8	1,030	8.4	98	37.0	7.7
601	Kgw	135	Nov. 19, 1970	14	--	94	17	105	--	378	256	154	.9	< .4	--	927	550	1,360	7.7	29	1.9	.0
602	Kcpa	773	Oct. 10, 1949	16	.1	64	2	203	--	473	131	32	1.2	1.8	--	671	168	--	8.5	72	6.8	--
603	Kcpa	786	May 5, 1954	12	.1	1	1	265	--	444	117	25	--	--	--	639	7	--	8.8	99	44.8	7.1
604	Kctm	1,650	Jan. 28, 1966	--	.2	3	1	345	--	490	206	72	2.2	< .4	--	870	12	1,576	--	98	44.0	7.7
607	Kgw	180	June 3, 1975	15	--	93	19	84	4.0	195	219	87	.7	< .4	.3	618	312	940	7.1	37	2.0	.0
608	Kgw	200	Sept. 15, 1976	16	--	109	22	79	--	182	228	117	.3	< .4	--	661	366	1,020	7.4	32	1.8	.0
612	Kcpa	758	Oct. 17, 1975	12	--	8	1	270	--	520	149	23	1.4	< .4	--	720	20	1,100	8.2	96	23.9	8.0
701	Kcpa	700	Feb. 8, 1956	--	.2	0	2	263	--	302	180	25	--	--	--	618	10	--	9.1	98	39.9	4.7
701	Kcpa	700	Feb. 19, 1963	--	--	2	0	242	--	429	77	21	.8	< .4	--	554	4	1,060	8.9	99	47.1	6.9
702	Kcpa	721	Nov. 11, 1952	30	.2	4	2	202	--	452	97	25	1.1	< .4	--	634	108	--	9.0	96	20.5	--
702	Kcpa	721	June 12, 1961	13	--	1	--	237	--	468	85	22	1.2	.0	--	597	4	972	8.3	--	--	--
703	Kcpa	652	Nov. 18, 1950	12	--	1	1	230	--	484	78	18	--	2.5	--	580	5	937	8.3	99	38.9	7.8
704	Kcpa	702	July 15, 1970	--	.2	1	1	234	--	424	71	21	1.3	2.3	--	540	8	900	8.8	99	39.6	6.8
705	Kctm	1,450	Mar. 11, 1971	--	.1	9	2	344	--	444	307	45	1.8	4.0	--	931	30	1,320	8.3	96	27.0	6.6

## TARRANT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
XU-32-23-706	Kcpa	580	Sept. 26, 1975	12	--	2	1	221	--	478	78	17	1.0	< 0.4	--	567	6	885	8.1	98	31.8	7.6
802	Kctm	1,612	May 27, 1966	12	0.1	3	1	334	--	478	205	64	2.5	1.9	--	858	11	1,405	8.4	98	42.6	7.6
802	Kctm	1,612	June 6, 1967	--	.1	6	2	413	--	454	443	49	2.5	< .4	--	1,139	22	--	8.3	97	37.3	6.9
901	Kgw	338	May 21, 1975	14	--	39	9	56	--	235	28	28	.6	4.7	--	294	137	495	7.9	48	2.1	1.1
905	Kgw	310	June 14, 1977	6	.4	11	4	408	--	368	560	47	2.5	< .4	--	1,220	46	1,750	8.0	95	26.7	5.1
24-101	Kctm	1,775	Sept. 11, 1953	79	2.2	3	5	426	--	--	437	64	1.6	< .4	--	1,355	28	--	8.4	97	34.9	--
102	Kctm	1,775	do	15	.9	3	1	331	--	--	212	53	1.6	1.8	--	930	12	--	8.6	98	42.2	--
103	Kctm	1,817	do	15	.1	4	1	377	--	--	282	89	1.6	< .4	--	960	14	--	8.2	98	43.6	--
104	Kcpa	900	do	17	.2	2	1	281	--	--	169	32	1.0	< .4	--	770	9	--	8.9	98	40.5	--
201	Kctm	1,941	do	15	.4	4	1	359	--	--	215	82	1.6	< .4	--	1,009	14	--	8.1	98	41.6	--
202	Kcpa	1,074	Feb. 27, 1954	14	--	2	1	278	0.9	488	158	23	1.4	2.8	--	721	7	1,160	8.3	98	40.0	7.8
403	Kcpa	906	July 16, 1975	12	--	2	1	262	2.0	510	126	23	1.5	< .4	--	680	7	1,045	8.1	98	37.7	8.1
404	Kgw	344	do	9	--	2	1	157	--	305	54	25	.8	< .4	--	399	5	645	7.6	97	22.6	4.8
501	Kctm	2,150	Aug. 14, 1975	--	.1	4	1	311	--	500	151	72	2.3	< .4	--	794	13	1,470	8.6	98	36.0	7.9
502	Kgw	350	June 4, 1975	10	--	2	1	267	1.0	520	104	19	2.3	< .4	--	662	5	1,055	8.7	98	38.5	8.3
503	Kcpa	1,034	Apr. 12, 1972	--	.3	8	--	--	--	--	190	18	--	--	--	564	8	--	8.8	--	--	--
505	Kgw	395	July 18, 1975	10	--	2	1	240	--	412	144	22	1.0	< .4	--	622	6	960	8.0	98	34.6	6.5
506	Kctm	2,000	Nov. 24, 1972	--	.2	2	1	293	--	463	103	70	2.0	.0	--	699	10	1,050	8.6	98	42.2	7.4
601	Kgw	125	Aug. 12, 1953	13	--	14	6	289	--	345	315	50	.4	5.9	--	862	60	1,340	7.8	91	16.2	4.4
28-301	Kcpa	210	Aug. 5, 1976	14	--	11	2	146	--	346	55	12	.2	5.9	--	416	37	662	8.4	90	10.6	4.9
502	Kcpa	350	Mar. 22, 1978	12	--	25	13	62	--	276	10	12	.2	< .4	--	270	117	462	7.7	54	2.5	2.2
29-101	Kcpa	280	July 25, 1974	--	.1	3	1	163	--	346	48	10	.3	4.7	--	407	7	725	8.6	97	20.8	5.4
102	Kcpa	270	do	--	.0	8	3	139	--	322	51	11	.3	7.0	--	378	31	675	8.2	90	10.6	4.6
104	Kcpa	247	do	--	.2	41	18	65	--	288	59	12	.4	7.0	--	344	174	645	7.8	44	2.1	1.1
105	Kcpa	235	do	--	.1	15	7	131	--	303	81	11	.4	6.0	--	400	67	715	8.0	81	7.0	3.6
105	Kcpa	235	Aug. 5, 1976	16	--	17	7	123	3.0	289	77	11	.3	< .4	--	396	71	638	8.7	78	6.3	3.3
106	Kcpa	238	July 25, 1974	--	.1	30	14	79	--	292	43	15	.4	7.0	--	332	134	620	7.8	56	2.9	2.1
201	Kcpa	268	Feb. 15, 1962	--	.1	28	12	85	--	294	31	14	.1	< .4	--	351	120	585	7.6	61	3.3	2.4
201	Kcpa	268	July 25, 1974	--	.7	51	14	97	--	284	38	85	.5	2.3	--	428	185	858	8.2	53	3.1	.9
202	Kcpa	292	do	--	.0	2	1	157	--	340	30	10	.3	2.9	--	376	7	670	8.6	97	22.6	5.3
203	Kcpa	392	Oct. 1, 1964	--	--	22	7	102	--	285	40	16	.4	< .4	--	328	85	612	7.7	73	4.8	2.9
30-102	Kcpa	557	Mar. 12, 1975	12	--	4	1	181	--	431	21	8	.5	3.9	--	443	12	725	8.6	96	20.9	6.7
105	Kctm	1,214	Mar. 18, 1975	12	--	2	1	280	--	499	59	70	1.8	< .4	--	671	8	1,152	8.9	98	40.3	7.9

## TARRANT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
XU-32-30-108	Kcpa	770	June 10, 1953	15	--	0	0	193	--	434	48	9	0.4	1.8	--	480	2	740	8.9	--	--	7.1
108	Kcpa	770	Sept. 22, 1975	13	--	1	1	180	--	444	28	8	.5	< .4	--	450	3	710	8.2	98	30.4	7.1
202	Kcpa	500	Nov. 25, 1970	11	--	2	1	183	--	384	25	9	.5	< .4	--	420	10	716	9.1	98	26.3	6.1
402	Kcpa	535	Mar. 18, 1975	11	0.1	2	1	181	--	393	29	11	.6	< .4	--	429	6	740	8.9	98	26.1	6.2
404	Kctm	1,212	Mar. 1, 1977	--	--	2	2	276	--	510	69	72	1.7	< .4	--	693	13	1,260	8.8	98	33.0	8.0
405	Kcpa	550	Mar. 3, 1971	--	.0	1	2	180	--	395	29	12	.4	< .4	--	419	10	--	9.2	97	23.9	6.2
405	Kcpa	550	Aug. 5, 1976	13	--	4	1	288	--	510	77	75	1.5	< .4	--	710	10	1,168	8.9	98	33.3	8.0
406	Kctm	1,217	Mar. 1, 1971	--	--	2	2	266	--	483	90	57	1.7	< .4	--	676	13	1,200	8.8	98	31.8	7.6
407	Kctm	1,213	do	--	--	2	3	286	--	530	75	80	1.5	< .4	--	726	18	1,296	8.7	97	29.8	8.3
504	Kcpa	640	Nov. 19, 1970	11	--	3	1	193	--	434	37	10	.7	< .4	--	469	9	755	8.7	97	24.6	6.8
505	Kcpa	581	Jan. 22, 1975	12	--	3	1	212	--	479	49	11	1.0	.3	--	525	9	805	8.3	98	27.0	7.6
506	Kctm	1,296	Sept. 3, 1975	10	--	2	1	215	1.0	464	48	26	1.1	.9	--	533	8	885	8.6	98	31.0	7.4
603	Kcpa	608	Feb. 8, 1977	--	.1	1	1	206	--	417	41	11	.8	< .4	--	496	4	870	9.1	98	34.8	6.7
605	Kctm	1,526	July 8, 1976	12	.1	3	0	279	--	478	92	59	1.2	1.1	--	682	8	1,180	8.5	99	44.3	7.6
31-101	Kcpa	715	Nov. 4, 1971	--	--	3	2	219	--	436	60	15	1.2	2.0	--	542	14	945	9.0	97	24.0	6.8
102	Kcpa	840	Aug. 11, 1972	--	.0	2	1	230	--	458	78	15	1.4	< .4	--	552	11	1,022	8.9	98	33.1	7.3
103	Kcpa	768	Feb. 15, 1976	--	--	1	1	225	--	448	75	15	1.3	2.7	--	567	7	1,015	8.9	99	38.0	7.2
104	Kctm	1,551	Aug. 12, 1975	--	--	3	1	316	--	476	224	51	2.3	2.3	--	834	12	1,510	8.6	98	40.3	7.5
106	Kcpa	806	June 17, 1977	--	.2	1	1	234	--	449	81	15	1.3	< .4	--	580	5	1,022	9.0	99	39.6	7.2
203	Kgw	50	Sept. 29, 1975	18	--	84	9	52	--	248	34	82	.3	7.0	--	408	249	675	8.3	31	1.4	.0
301	Kgw	171	Nov. 19, 1970	13	--	25	5	32	--	153	9	13	.5	< .4	--	173	84	289	7.4	46	1.5	.8
402	Kcpa	734	June 28, 1971	12	--	2	1	225	--	488	70	14	1.1	1.0	--	566	11	900	8.5	98	32.4	7.8
402	Kcpa	734	Aug. 5, 1976	12	--	3	1	231	--	488	76	14	1.2	1.5	--	579	7	919	8.6	98	29.5	7.7
403	Kcpa	717	Mar. 13, 1975	12	--	2	1	227	--	465	62	15	1.2	1.7	--	550	7	897	8.7	98	32.7	7.4
405	Kcpa	780	Nov. 4, 1971	--	--	1	1	218	--	429	56	13	1.1	< .4	--	530	9	945	8.9	99	36.8	6.8
601	Kgw	200	May 22, 1946	12	1.1	4	0	267	8.3	466	176	25	1.2	< .4	--	724	12	1,220	9.1	96	36.7	7.4
602	Kgw	200	do	10	.1	11	2	200	5.1	324	159	31	.4	3.2	--	581	36	--	8.1	91	14.5	4.5
602	Kgw	200	Nov. 18, 1950	12	--	15	3	207	--	308	181	40	--	3.5	--	612	50	943	8.4	90	12.7	4.0
602	Kgw	200	June 12, 1961	12	--	11	3	195	--	300	162	32	.5	1.2	--	564	38	895	7.7	91	13.4	4.1
604	Kgw	200	Sept. 15, 1965	--	--	13	2	193	--	295	167	29	.6	1.5	--	551	41	985	8.4	91	13.1	4.0
605	Kctm	1,735	May 22, 1946	12	1.1	4	1	267	8.3	466	176	25	1.2	< .4	--	725	12	1,220	9.1	96	30.9	7.3
605	Kctm	1,735	Apr. 2, 1955	18	.0	2	1	270	1.5	505	92	65	1.4	1.2	0.7	701	7	1,160	8.4	98	38.9	8.0
605	Kctm	1,735	June 12, 1961	15	--	2	1	275	--	500	94	66	1.5	.0	--	700	--	1,150	8.1	98	39.6	8.0

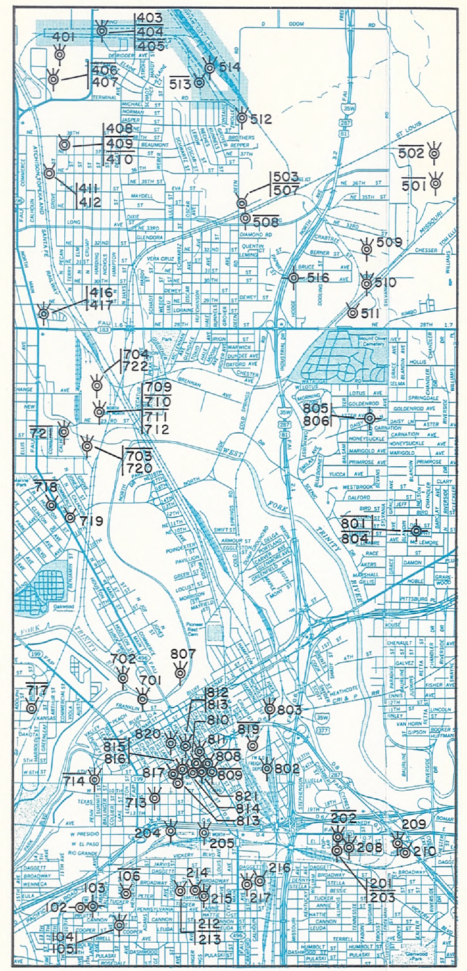
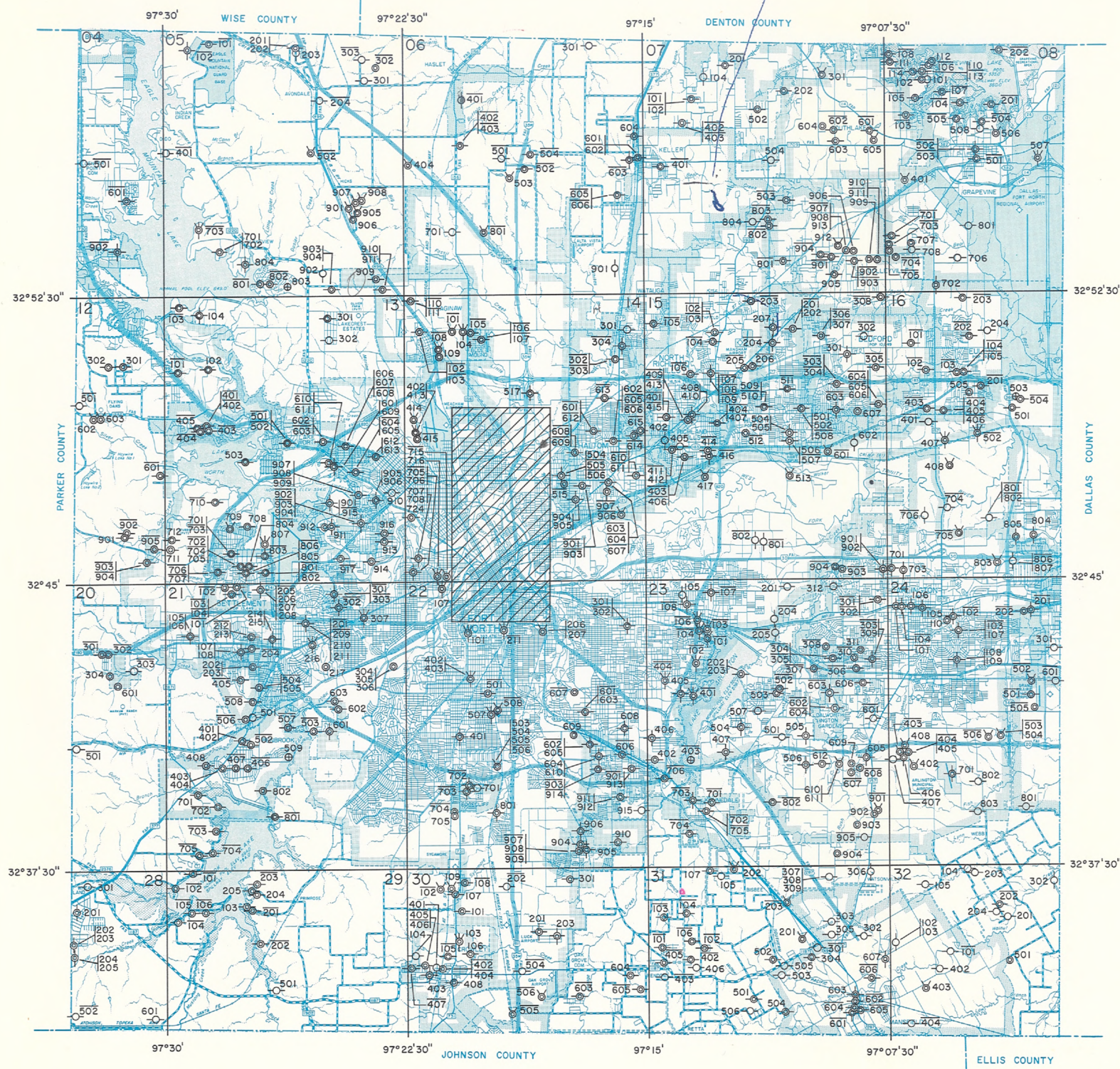
## TARRANT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

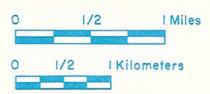
Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiD <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
XU-32-31-605	Kctm	1,735	Aug. 7, 1975	--	--	3	1	273	--	478	93	67	1.9	2.4	--	686	9	1,260	8.6	98	34.8	7.6
606	Kctm	1,765	Sept. 15, 1965	--	--	1	2	282	--	471	96	65	.6	< .4	--	694	11	1,225	8.6	98	37.4	7.5
606	Kctm	1,765	May 7, 1975	15	--	3	1	267	1.0	499	77	69	1.5	< .4	--	680	9	1,084	8.2	98	34.1	7.9
32-101	Kgw	165	June 18, 1953	11	--	--	--	233	--	529	81	17	1.2	2.5	--	639	4	1,020	8.7	--	--	--
202	Kgw	289	Apr. 10, 1975	--	0.0	2	1	198	--	394	67	12	1.2	2.2	--	477	7	906	8.9	98	28.5	6.2
404	Kgw	270	Oct. 16, 1975	8	--	4	2	194	--	387	95	18	.6	< .4	--	512	18	814	8.3	96	19.7	5.9



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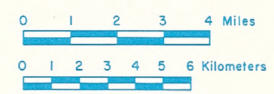


INSET



EXPLANATION

- Public supply well
- Industrial well
- Irrigation well
- Domestic or livestock well
- Oil or gas well
- Test hole
- Unused or abandoned well
- Solid circle indicates flowing well
- Line above well number indicates chemical analysis given in Table 4



Base Map from Texas Department of Highways and Public Transportation

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Location of Selected Water, Oil, and Gas Wells in Tarrant County



WISE COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in the remarks column.  
 Water level : Reported water levels given in feet; measured water levels given to the nearest tenth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; E, electric; G, gasoline, butane or diesel engine; H, hand; J, jet; N, none;  
 S, submersible; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Kca, Antlers Formation; Kcpa, Paluxy Formation; Kctm, Twin Mountains Formation; Paleo, Paleozoic Era;  
 Qal, Alluvium.

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface datum (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*ZR-19-33-901	H. R. Thompson	St. John Water Well Drilling Co.	1969	310	7	300	Paleo	1,042	60 52.0	Apr. 14, 1969 Jan. 5, 1976	S, E 15	Irr	Cemented to 38 ft. Perforated from 190-215 ft. Pump set at 273 ft. Reported yield 100 gal/min. Temp. 69°F. <u>y</u>
902	do	Richardson Plumbing and Service	1970	300	7	300	Paleo	1,043	40.4	Jan. 5, 1976	S, E 5	Irr	Perforated from 180-220 ft. Reported yield 35 gal/min.
* 34-604	Otis Adams	Roto, Inc.	1972	105	5	105	Kca	957	60	Apr. 30, 1972	S, E 1 1/2	Irr	Cemented from 1-25 ft. Slotted from 80-92 ft. Reported yield 30 gal/min. <u>y</u>
605	Dale Adams	do	1972	110	5	110	Kca	955	62	May 1, 1972	S, E 1 1/2	Irr	Cemented from 1-22 ft. Slotted from 85-100 ft. Gravel packed. Reported yield 30 gal/min. <u>y</u>
701	H. R. Thompson	St. John Water Well Drilling Co.	1969	340	8 7	35 90	Kca	978	40 25.4	May 9, 1969 Jan. 5, 1976	S, E 3	Irr	Cemented to 35 ft. Perforated from 70-90 ft. Reported yield 35 gal/min. <u>y</u>
702	do	do	1969	97	7	97	Kca	973	23.7	Jan. 5, 1976	S, E 3	Irr	Perforated from 70-90 ft. Reported yield 40 gal/min. Temp. 70°F. <u>y</u>
703	do	do	1971	310	7	300	Paleo, Kca	1,032	20 16.9	May 30, 1971 Jan. 5, 1976	S, E 10	Irr	Slotted from 20-25 and 180-220 ft. Gravel packed. Pump set at 273 ft. Reported yield 100 gal/min. <u>y</u>
* 801	Clyde Dipprey	do	1969	70	5	70	Kca	1,000	46.4 41.7	Oct. 19, 1970 Nov. 13, 1975	J, E	D	Perforated. Gravel packed. <u>y</u> <u>z</u>
35-701	Max Grisson	Richardson Plumbing and Service	1968	96	5	96	Kca	910	35.8 31.8	Oct. 19, 1970 Nov. 3, 1975	J, E	N	Perforated from 44-50 and 88-90 ft. Reported yield 14 gal/min. <u>y</u> <u>z</u>
702	Coy Nivens	St. John Water Well Drilling Co.	1972	110	7	110	Kca	830	15 22.9	Sept. 4, 1972 Jan. 13, 1976	S, E 7 1/2	Irr	Cemented from 10-20 ft. Perforated from 40-90 ft. Gravel packed. Pump set at 80 ft. Drawdown 40 ft pumping 150 gal/min when drilled. <u>y</u>
703	do	Richardson Plumbing and Service	1973	80	5	80	Kca	823	7.6	Jan. 14, 1976	S, E 5	Irr	Perforated. Pump set at 40 ft. Reported yield 200 gal/min.
* 704	Glen Goodwin	Caraway and Sons	1971	100	8	100	Kca	838	20 10.9	Jan. 11, 1971 Jan. 14, 1976	S, E 15	Irr	Slotted from top to bottom. Gravel packed. Pump set at 68 ft. Drawdown 40 ft pumping 350 gal/min when drilled. Temp. 68°F. <u>y</u>
901	Dub Johnson	Young Drilling Co.	1975	400	4	400	Kca	1,180	--	--	S, E 1	D	Cemented to bottom. Gun perforated at 150 ft and from 350-370 ft. <u>y</u>
* 36-801	W. W. Carter	Westbrook Drilling Co.	1971	260	12	260	Kca	828	10 24.7	Apr. 29, 1971 Jan. 13, 1976	T, G 40	Irr	Slotted from 60-80 and 210-260 ft. Gravel packed. Drawdown 178 ft pumping 540 gal/min when drilled. <u>y</u>
* 802	do	Young Drilling Co.	1976	304	5	304	Kca	880	144.9	July 28, 1976	S, E 2 1/2	D, S	Perforated plastic pipe from 264-304 ft. Pump set at 234 ft. <u>y</u>
* 901	Bill Wyatt	Anderson Water Well Drilling Co.	1974	235	4	255	Kca	852	74.4	Apr. 12, 1978	S, E 1	D	Slotted from 215-235 ft. Gravel packed. Pump set at 224 ft. <u>y</u>
* 902	George Reiger	St. John Water Well Drilling Co.	1973	120	4	120	Kca	871	58.6	do	S, E 1	S	Cemented from 30-40 ft. Perforated from 100-120 feet. Gravel packed.

See footnotes at end of table.

WISE COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
ZR-19-37-401	W. T. Hood	Alvis J. Rohmer	1963	365	7	355	Kca	1,060	215	July 8, 1963	S, E 1 1/2	D, S	Gravel packed. Open end. Pump set at 315 ft. Drawdown 100 ft pumping 10 gal/min when drilled. <u>y</u>
* 801	Bolivar Water Supply Corporation	J. L. Myers Soas	1974	824	7 3	720 824	Kca	1,015	268	Nov. 25, 1974	S, E 15	P	Cemented to 720 ft. Screened from 720-741 and 750-792 ft. Underreamed. Gravel packed. Pump set at 510 ft. Drawdown 137 ft pumping 268 gal/min on Nov. 25, 1974. <u>y</u>
* 901	Ray Milligan	Alvis J. Rohmer	1968	335	7	316	Kca	990	228.0 230.9	Oct. 20, 1970 Nov. 13, 1975	S, E 1 1/2	D	Gravel packed. Pump set at 273 ft. <u>y y</u>
41-301	E. L. Carlisle	St. John Water Well Drilling Co.	1971	215	5	215	Paleo, Kca	1,028	10 12.7	May 28, 1971 Jan. 9, 1976	S, E 5	Irr	Perforated from 10-40 and 100-160 ft. Gravel packed. Reported yield 90 gal/min. <u>y</u>
302	Bill Wiley	Anderson Water Well Drilling Co.	1974	42	4	42	Kca	1,075	18.6	Apr. 11, 1978	J, E 3/4	D	Slotted from 22-42 ft. Gravel packed. Pump set at 40 ft. <u>y</u>
* 42-101	H. R. Thompson	do	1969	97	7	97	Kca	975	22.2 19.9	Oct. 19, 1970 Nov. 3, 1975	T, E 5	Irr	Perforated from 70-90 ft. Measured yield 35 gal/min on Nov. 3, 1975. Temp. 67°F. <u>y y</u>
102	do	do	1975	90	4	90	Kca	975	24.6	Jan. 5, 1976	S, E 1	Irr	Perforated from 70-90 ft.
103	do	do	1975	90	4	90	Kca	975	24.4	do	S, E 1	Irr	Do.
401	The Texas Pipeline Co.	--	--	122	6	122	Paleo	863	26.0	May 1963	J, E 3	Ind	Perforated. Pump set at 105 ft.
* 502	Cities Service Oil Co.	--	1953	115	8 6	-- 115	Kca	975	62	June 30, 1953	S, E 7 1/2	Ind	Perforated. Pump set at 102 ft. Drawdown 38 ft pumping 77 gal/min on June 30, 1953.
503	do	--	1953	126	8 6	-- 126	Kca	972	63	do	S, E 7 1/2	Ind	Drawdown 37 ft pumping 55 gal/min on June 30, 1955.
504	do	--	1954	115	8 6	-- 115	Kca	968	62	1954	S, E 7 1/2	Ind	Reported yield 75 gal/min.
505	Loyd Turner	Anderson Water Well Drilling Co.	1975	122	4	122	Kca	982	30.7	Apr. 11, 1978	S, E 1/2	D	Slotted from 102-122 ft. Gravel packed. <u>y</u>
601	City of Chico	Albert Lee	1950	125	7 5	-- 125	Kca	950	54.8	Jan. 9, 1976	S, E 3	P	Pump set at 122 ft. Reported drawdown 11 ft at 75 gal/min in 1960.
* 602	do	--	--	120	7	--	Kca	952	--	--	N	N	Plugged.
604	do	St. John Water Well Drilling Co.	--	125	7	--	Kca	955	--	--	S, E	P	--
* 605	do	Charley L. Moore Drilling Co.	1969	130	7 5	60 130	Kca	958	55.8	Jan. 9, 1976	S, E 3	P	Cemented to 60 ft. Perforated from 98-123 ft. Pump set at 127 ft. Drawdown 10 ft pumping 100 gal/min when drilled. Temp. 68°F. <u>y</u>
606	do	do	1967	127	7 5	65 127	Kca	970	82 67.8	May 16, 1967 Jan. 9, 1976	S, E 3	P	Cemented to 98 ft. Perforated from 98-118 ft. Pump set at 124 ft. Reported yield 70 gal/min. <u>y</u>
* 607	do	Albert Lee	1951	109	7 5	-- --	Kca	972	67.5	Jan. 9, 1976	S, E 3	P	Perforated.
608	do	St. John Water Well Drilling Co.	--	125	7	125	Kca	952	47.2	do	S, E 3	P	Do.
609	Cities Service Oil Co.	Albert Lee	1958	135	10 6	95 135	Kca	936	--	--	S, E 7 1/2	Ind	Cemented to 95 ft. Perforated. Pump set at 125 ft.

See footnotes at end of table.

WISE COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
ZR-19-42-610	Cities Service Oil Co.	Albert Lee	1959	135	10 6	95 135	Kca	938	54.8	Jan. 12, 1976	S, E 7 1/2	Ind	Cemented to 95 ft. Perforated.
* 611	do	do	1959	135	10 8	95 135	Kca	936	70.0	Feb. 28, 1969	S, E 7 1/2	Ind	Cemented to 95 ft. Perforated from 105-135 ft. Underreamed. Pump set at 100 ft. Drawdown 10 ft pumping 85 gal/min on Feb. 28, 1969. <u>y</u>
701	Chico Stone	T. Chandlers	1972	50	24	50	Paleo	916	--	--	S, E 1 1/2	Ind	Perforated from 35-45 ft. Pumping level 37.2 ft on Jan. 12, 1976.
702	do	St. John Water Well Drilling Co.	1972	80	6	80	Paleo	916	--	--	S, E 1	Ind	Perforated from 30-45 ft.
* 703	--	Anderson Water Well Drilling Co.	1974	50	6	50	Paleo	915	--	--	S, E 1	Ind	Slotted from 30-50 ft. Gravel packed. Pumping level 25.3 ft. on Jan. 12, 1976. <u>y</u>
704	R. L. Weathery	Roto, Inc.	1973	75	4	75	Paleo	912	37.3	Apr. 12, 1978	J, E 1/2	D	Slotted from 60-65 ft. Gravel packed. <u>y</u>
* 801	-- Browder	St. John Water Well Drilling Co.	1969	70	5	40	Kca	950	7.8 7.6	Oct. 19, 1970 Nov. 3, 1975	J, E 3/4	D	Perforated. <u>y y</u>
802	Vulcan Materials	do	1970	60	5	60	Kca	960	10 1.5	July 3, 1970 Jan. 12, 1976	S, E 3/4	Ind	Perforated from 10-20 ft. Gravel packed. Reported yield 6 gal/min. <u>y</u>
* 43-201	City of Alvord	Layne-Texas Co.	1954	627	13 10 8	206 354 430	Paleo	902	125.5 120 152 80.0	Sept. 11, 1954 1955 May 3, 1967 Jan. 14, 1976	T, E 15	P	Cemented to 354 ft. Screened from 364-420 ft. Underreamed. Pump set at 320 ft. Drawdown 112 ft pumping 75 gal/min in 1955, and 104 ft pumping 108 gal/min on May 3, 1967. Temp. 72°F. <u>y y</u>
* 202	do	J. L. Myers Sons	1963	390	13 8	290 381	Paleo	880	130	Jan. 8, 1963	T, E 15	P	Cemented to 290 ft. Screened from 291-372 ft. Pump set at 273 ft. Drawdown 118 ft pumping 100 gal/min when drilled. Temp. 68°F. <u>y</u>
* 401	W. V. Thompson	Glendon Lee	1970	38	10	36	Kca	898	10 13.1	July 2, 1970 Jan. 13, 1976	S, E 3/4	Irr	Slotted from 12-38 ft. Gravel packed. Pump set at 30 ft. Drawdown 8 ft pumping 38 gal/min when drilled. Temp. 68°F. <u>y</u>
402	do	St. John Water Well Drilling Co.	1971	40	6	40	Kca	898	--	--	S, E 3/4	D, Irr	Perforated from 12-30 ft. Reported yield 30 gal/min.
* 601	J. E. DeGraw	Glendon Lee	1969	205	5 3	195 205	Kca	920	89.8 89.4 93.5	Oct. 19, 1970 Feb. 24, 1971 Nov. 5, 1971	N	N	Completed from 195-205 ft. Well destroyed.
* 603	do	St. John Water Well Drilling Co.	1972	180	4	--	Kca	920	92.4 120.7	Nov. 17, 1972 Nov. 3, 1975	S, E 3/4	D	Gravel packed. <u>y</u>
701	Ken Buckner	Anderson Water Well Drilling Co.	1975	62	5	62	Kca	810	29.2	Apr. 12, 1978	S, E 1/2	D	Slotted from 42-62 ft. Gravel packed. <u>y</u>
801	Dale George	do	1974	102	4	102	Kca	825	--	--	N	N	Slotted from 82-102 ft. Gravel packed. <u>y</u>
* 901	Texas Department of Highways and Transportation	Watts Drilling Co.	1970	245	6	245	Kca	862	165 145.7	May 1970 Jan. 26, 1976	S, E 5	P	Perforated. Pump set at 210 ft. Reported yield 35 gal/min. Drawdown 45 ft pumping 50 gal/min when drilled. <u>y</u>
902	J. C. Stone	Roto, Inc.	1973	230	4	230	Kca	880	110	Sept. 10, 1973	S, E 1	D	Slotted from 180-194 ft. Gravel packed. Drawdown 90 ft. Pumping 15 gal/min when drilled. <u>y</u>
903	Billy James	St. John Water Well Drilling Co.	1973	300	5	300	Kca	902	140	do	S, E 1	D	Slotted from 280-300 ft. Gravel packed. Reported yield 30 gal/min. <u>y</u>

See footnotes at end of table.

WISE COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface datum (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*ZR-19-44-701	Jackie Boyd	O. F. Young Drilling Co.	1969	440	4	440	Kca	1,070	258.4 259.7	Oct. 19, 1970 Feb. 24, 1971	S, E 1 1/2	D	Reported yield 15 gal/min. Completed from 390-440 ft.
801	Ralph Graham	Albert Lee	1964	148	5	148	Kca	950	46.6 45.8	Oct. 19, 1970 Nov. 13, 1975	J, E	N	Perforated from 125-140 ft. <u>y y</u>
45-201	Ferguson Ranch	Young Drilling Co.	1975	725	4	725	Kca	860	237.2	Apr. 19, 1978	S, E 2	D	Cemented to bottom. Gun perforated from 580-610 and 630-690 ft. <u>y</u>
* 301	F. E. Fortenberry	Alois J. Rohmer	1967	370	7	342	Kca	910	204.2 207.1	Oct. 20, 1970 Nov. 13, 1975	S, E 1	D	Gravel packed. <u>y y</u>
* 302	Slidell Water Supply Corporation	J. L. Myers Sons	1963	794	7 3	724 794	Kca	965	360	June 1963	S, E 7 1/2	P	Cemented to 724. Screened from 724-733; 745-754; and 767-786 ft. Gravel packed. Pump set at 533 ft. Drilled to 864 ft. <u>y</u>
701	Brutex Crusher	Caraway and Sons	1971	390	7	390	Kca	922	50 122.7	July 15, 1971 Jan. 23, 1976	S, E 7 1/2	Ind	Slotted from 200-240 and 300-390 ft. Gravel packed. Drawdown 180 ft pumping 200 gal/min when drilled. <u>y</u>
49-901	Roy Pinion	Anderson Water Well Drilling Co.	1974	162	4	162	Paleo	898	--	--	S, E 1	S	Slotted from 142-162 ft. Gravel packed. <u>y</u>
* 50-501	City of Bridgeport	do	1973	82	4	82	Paleo	828	11.5	Jan. 15, 1976	S, E 1	Ind	Cemented to 15 ft. Slotted from 62-82 ft. Gravel packed. <u>y</u>
* 502	R. Carlton	do	1974	121	4	121	Paleo	848	44.7	Apr. 18, 1978	S, E 1	D	Cemented to 25 ft. Slotted from 101-121 ft. Gravel packed. <u>y</u>
* 601	Robert E. Smith	St. John Water Well Drilling Co.	1969	70	7 5	27 70	Qal	750	25.1 22.8	Oct. 20, 1970 Nov. 3, 1975	N	N	Perforated from 47-60 ft. <u>y y</u>
901	Robert Lane	Edwin Ray Lewis	1969	78	4	78	Kctm	930	19.2 18.3	Oct. 20, 1970 Nov. 3, 1975	N	N	Perforated. Cemented to 20 ft. <u>y y</u>
* 51-101	E. A. Orren	St. John Water Well Drilling Co.	1969	80	7 5	25 80	Kca	830	16.4 18.6	Oct. 19, 1970 Nov. 12, 1973	J, E 1	D	Perforated. <u>y y</u>
201	Billy Ince	Anderson Water Well Drilling Co.	1975	102	4	102	Kca	800	37.5	Apr. 18, 1978	S, E 1/2	N	Slotted from 82-102 ft. Gravel packed. <u>y</u>
* 801	City of Paradise	--	1895	60	4	60	Kctm	760	45.3	Jan. 15, 1976	S, E 3/4	P	--
802	do	A. T. Pound	1966	73	4	73	Kctm	760	--	--	S, E 1	P	Perforated galvanized metal casing.
* 803	do	Edwin Ray Lewis	1973	90	4	90	Kctm	775	60.3	Jan. 15, 1976	S, E 1 1/2	P	Perforated plastic pipe. Temp. 72°F.
* 901	Orley Allen	do	1969	62	4	--	Kctm	725	34.1 32.0	Oct. 20, 1970 Nov. 13, 1975	S, E	D	<u>y y</u>
52-102	City of Decatur	Jack M. McBride	1942	532	10	478	Kca	1,065	--	--	T, E 40	P	Cemented to 478 ft. Open hole from 478-532 ft. <u>y</u>
103	do	Q. D. Lewis	1937	520	18 16 10	428 454 520	Kca	1,080	360	Feb. 1937	T, E 40	N	Screened from 465-520 ft. Gravel packed. Reported yield 175 gal/min in 1941. <u>y</u>
* 104	do	Layne-Texas Co.	1959	602	10 8	435 560	Kca	1,005	--	--	N	N	Open hole from 560-602 ft. <u>y</u>

See footnotes at end of table.

WISE COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
ZR-19-52-105	City of Decatur	Henry C. Millican	1963	555	13 10 7	113 467 514	Kca	1,021	369	Feb. 26, 1963	N	N	Cemented to 467 ft. Screened from 467-504 ft. Gravel packed. Reported yield 70 gal/min. <u>1</u>
201	do	Q. D. Lewis	1937	537	18 16 10	84 454 537	Kca	1,058	--	--	T, E 40	N	Screened from 465-537 ft. Reported yield 175 gal/min in 1941. <u>1</u>
202	do	J. L. Myers Sons	1947	549	10 8	472 549	Kca	1,058	--	--	N	N	Cemented to 472 ft. Screened. <u>1</u> <u>2</u>
203	do	--	--	565	10 8	436 563	Kca	955	--	--	T, E 40	N	36 ft of screen. <u>1</u>
204	do	J. L. Myers Sons	1948	544	10 8	-- --	Kca	1,050	--	--	N	N	80 ft of screen. Plugged. <u>2</u>
* 401	Gleen Cassity	Albert Lee	1967	115	5	115	Kcpa	920	44.6 42.8	Oct. 20, 1970 Nov. 13, 1975	S, E 1/2	D	Perforated from 105-115 ft. Gravel packed. Pump set at 95 feet. Reported yield 10 gal/min. <u>1</u> <u>2</u>
* 501	City of Decatur	--	--	--	--	--	Kctm	925	--	--	T, E 40	N	--
502	Decatur Acres	Watts Drilling Co.	1973	653	6 4	593 653	Kctm	982	460 395.0	Sept. 1973 Jan. 28, 1976	S, E 20	P	Cemented to 593 ft. Screened from 623-653 ft. Pump set at 580 ft. Reported yield 70 gal/min. Drawdown 15 ft pumping 70 gal/min when drilled. <u>1</u>
* 601	Satellite City Corp.	Madewell Drilling	1974	712	7 4	655 710	Kctm	915	--	--	S, E 20	P	Cemented to 655 ft. Screened from 655-705 ft. Gravel packed. <u>1</u>
* 602	do	Anderson Water Well Drilling Co.	1975	122	4	122	Kcpa	905	79.2	Sept. 2, 1977	S, E 1	P	Slotted from 100-122 ft. Gravel packed. <u>1</u>
** 53-101	Ed Haney	Albert Lee	1964	178	--	--	Kca	800	45.9 50.9	Oct. 19, 1970 Nov. 13, 1975	S, E	D	<u>1</u> <u>2</u>
** 701	Satellite City Corp.	Anderson Water Well Drilling Co.	1975	100	4	100	Kcpa	855	48.5	Sept. 2, 1977	S, E 1/2	P	Slotted from 80-100 ft. Reported yield 15 gal/min.
57-301	Cecil Lancaster	do	1974	122	4	122	Paleo	980	41.2	Apr. 19, 1978	S, E 1	D	Slotted from 102-122 ft. Gravel packed. <u>1</u>
* 58-101	Marvin Davis	St. John Water Well Drilling Co.	1969	50	--	50	Kctm	940	11.3 21.4	Oct. 20, 1970 Nov. 3, 1976	N	N	<u>1</u> <u>2</u>
* 401	James Fowler	Richardson Plumbing and Service	1969	240	5	240	Kctm	1,038	69.3 187.9	Oct. 20, 1970 Nov. 3, 1975	S, E	D	Perforated from 195-215 and 222-234 ft. <u>1</u> <u>2</u>
* 402	-- Robinson	--	--	80	4	--	Kctm	970	--	--	C, E 1	D	--
403	J. R. Grantham	Anderson Water Well Drilling Co.	1974	104	6	102	Kctm	965	33.1	Jan. 29, 1976	J, E 1	Irr	Slotted from 24-102 ft. Gravel packed. <u>1</u>
404	do	do	1974	92	6	92	Kctm	952	33.7	do	S, E 1	Irr	Slotted from 52-92 ft. Gravel packed. <u>1</u>
* 59-201	M. E. Remmele	do	1974	92	5	92	Kctm	725	--	--	S, E 1	Irr	Slotted from 52-92 ft. Gravel packed. Pump set at 84 ft. Temp. 67°F. <u>1</u>
* 202	do	do	1975	--	5	--	Kctm	725	4.6	Jan. 29, 1976	S, E 1	Irr	--
* 601	C. E. Wooten	--	1974	107	4	--	Kcpa	830	--	--	J, E	D, S	--

See footnotes at end of table.

WISE COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*ZR-19-59-602	T. V. Riley	O. F. Young	1971	285	4	285	Kctm	805	--	--	S, E	D, S	--
60-101	Lone Star Industries	Young Drilling Co.	1972	175	4	175	Kctm	720	--	--	S, E 5	N	Well sanded up.
* 102	do	do	1973	200	4	200	Kctm	735	--	--	S, E 7 1/2	Ind	Cemented to 97 ft. Gravel packed. <u>1</u>
* 201	City of Boyd	Watts Drilling Co.	1970	394	10 6	211 394	Kctm	730	126 142.6	July 21, 1970 Jan. 23, 1976	S, E 15	P	Screened from 212-232 and 360-380 ft. Underreamed. Gravel packed. Pump set at 220 ft. Measured yield 134 gal/min on Jan. 23, 1976. Drawdown 44 ft pumping 170 gal/min when drilled. Temp. 69°F. <u>2</u>
202	Wayne Snodgrass	Young Drilling Co.	1975	363	4	363	Kctm	780	189.1	Apr. 19, 1978	S, E 1	D	Cemented to 310 ft. Slotted from 310-363 ft. Gravel packed. <u>1</u>
203	Audie Phillips	Bradshaw Drilling Service	1975	160	4	160	Kctm	775	63 55.1	Aug. 15, 1975 Apr. 20, 1978	S, E 1/2	D	Cemented to 65 ft. Perforated from 80-160 ft. Gravel packed. Pump set at 147 ft. <u>1</u>
* 204	Loyd Hinkle	Lewis and Smith Water Wells	1971	318	7 4	58 306	Kctm	700	125 47.1	Mar. 24, 1971 Apr. 20, 1978	S, E 1	D, S	Cemented from 100-150 ft. Slotted from 226-306 and open end. Gravel packed. Pump set at 279 ft. <u>1</u>
* 401	H. H. DeArman	Ward and Ward Drilling Co.	1967	226	4	208	Kctm	753	165.3 164.0	Oct. 20, 1970 Nov. 3, 1975	S, E 1	D	Gun perforated and open end. Cemented to 208 ft. Pump set at 189 ft. <u>1</u> <u>2</u>
* 402	Pat Goodger	Watts Drilling Co.	1966	292	4	280	Kctm	780	164 165.7	Oct. 23, 1966 Apr. 25, 1978	S, E 1 1/2	D, S	Cemented to 265 ft. Perforated from 250-280 ft. Pump set at 180 ft. <u>1</u>
403	Douglas Boston	do	1971	383	4	383	Kctm	778	186 187.2	Nov. 1971 Apr. 25, 1978	S, E 1 1/2	D	Cemented to 350 ft. Slotted from 350-383 ft. Pump set at 315 ft. <u>1</u>
* 501	City of Boyd	J. L. Myers Sons	1951	739	8 6	315 349	Kctm	716	189 152.8	Jan. 21, 1951 Jan. 23, 1976	S, E 15	P	Cemented to 315 ft. Plugged back from 739 ft to 349 ft. Perforated from 322-338 ft. Temp. 69°F. <u>1</u>
502	do	-- Bradshaw	1955	250	--	--	Kctm	715	--	--	N	N	Plugged.
503	do	O. F. Young and Son	1966	312	7 4	125 312	Kctm	730	121.7	Jan. 23, 1976	N	N	Perforated from 275-312 ft. Well caved in and will be plugged. <u>1</u>
* 504	do	do	1968	312	7 4	125 312	Kctm	735	149.9	do	S, E 5	P	Perforated from 268-310 ft. Pump set at 273 ft. Reported yield 50 gal/min. Temp. 69°F. <u>1</u>
505	Pete Wilbanks	Ward and Ward Drilling Co.	1973	351	4	351	Kctm	715	144.7	Apr. 20, 1978	S, E 1	D	Cemented to bottom and gun perforated. <u>1</u> <u>2</u>
* 601	Myrl Smith	O. F. Young and Son	1969	140	4	--	Kcpa	782	26.5 72.1	Oct. 20, 1970 Nov. 3, 1975	S, E 1/2	D	Gravel packed. <u>1</u> <u>2</u>
602	B and B Manufacturing Co.	H. J. Walker Water Well Contractor	1975	115	5	115	Kcpa	702	26.0	Jan. 23, 1976	S, E 1	Ind	Cemented to 60 ft. Perforated from 80-115 ft. Gravel packed. Reported yield 20 gal/min. <u>1</u>
* 901	Fort Worth Independent School District Outdoor Learning Center	Watts Drilling Co.	1973	438	6 4	376 410	Kctm	730	230	May 21, 1973	S, E 5	P, Irr	Cemented to 376 ft. Screened from 365-385 ft. Pump set at 294 ft. Drawdown 55 ft pumping 47 gal/min when drilled. Temp. 72°F. <u>1</u>
902	do	J. T. Green Drilling Co.	1973	474	--	--	Kctm	730	--	--	--	--	Test hole. <u>1</u>
" 903	Tarrant County Water Control District No. 1	--	1910	200	3	200	Kcpa	700	51.3	July 18, 1972	N	N	--

See footnotes at end of table.

WISE COUNTY

Table 1.--Records of Selected Water Wells--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Casing		Water bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in.)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*ZR-19-60-904	Mrs. E. L. Smith	--	--	67	4	--	Kcpa	668	23.2	July 18, 1972	J, E	N	--
* 905	M. M. Perkins	--	1918	65	36	53	Kcpa	732	39.9	do	W	D	--
* 906	Jesse Hamilton	Mr. Perkins	1946	99	4	72	Kcpa	705	61.5	July 19, 1972	J, E 1	D	--
907	Tarrant County Water Control District No. 1	--	--	35	29	11	Kcpa	685	34.0	do	N	N	Dug well. Underreamed.
* 908	E. L. Smith	Ward and Ward Drilling Co.	1959	218	4	218	Kcpa	665	60.5	do	S, E 1	D, S	Gravel packed.
61-201	Walter Potts	O. F. Young and Son	1969	360	--	--	Kcpa	920	220.2 236.9	Oct. 21, 1970 Nov. 3, 1975	S, E 2	P	Cemented to 322 ft. <u>1</u> <u>2</u>
* 401	City of Rhome	J. L. Myers Sons	1951	390	7	390	Kcpa	950	--	--	S, E 3	P	Perforated.
402	do	Ward and Ward Drilling Co.	1958	310	7	310	Kcpa	942	237.6	Jan. 28, 1976	S, E 3	P	Perforated. <u>1</u>
* 403	do	do	1958	265	7	265	Kcpa	931	--	--	S, E 3	P	Perforated. Temp. 74°F. <u>1</u>
404	do	O. F. Young and Son	1969	358	7	358	Kcpa	930	240 224.8	July 30, 1969 Jan. 28, 1976	S, E 5	P	Cemented to bottom. Gun perforated. Pump set at 350 ft. Reported yield 37 gal/min. <u>1</u>
405	do	J. L. Myers Sons	1949	656	10	--	Kctm	942	--	--	N	N	Plugged. <u>2</u>
501	Jess Coker	Ward and Ward Drilling Co.	1969	398	4	398	Kcpa	891	--	--	S, E 1 1/2	D	Cemented to 398 ft. Gun perforated from 267-275 ft. Plugged at 300 ft. Pump set at 263 ft. Reported yield 10 gal/min. <u>2</u>
701	City of Newark	Young Drilling Co.	1954	136	7	36	Kcpa	697	43.5	Jan. 29, 1976	T, E 2	P	Open hole from 36-136 ft.
* 702	do	-- Albritton	1958	240	6 4	-- --	Kcpa	695	37.7	Jan. 28, 1976	S, E 5	P	Perforated. Pump set at 225 ft. Temp. 68°F.
* 703	do	Young Drilling Co.	1957	150	7	57	Kcpa	695	38.7	Jan. 29, 1976	J, E 2	P	Open hole from 57-150 ft. Pump set at 135 ft.
* 704	do	Carsway Water Wells	1973	240	7	--	Kcpa	750	--	--	S, E 15	P	Pump set at 200 ft. Temp. 78°F.
* 32-04-301	Enis Kerlee	--	--	--	--	--	Kcpa	700	--	--	N	D	--
* 302	W. D. Deats	-- Lewis	1970	120	4	120	Kcpa	713	67.7	July 19, 1972	S, E	D	--

\* For Chemical analyses of water, see Table 4.

1 Drillers' log in files of the Texas Department of Water Resources.

2 Geophysical logs in files of the Texas Department of Water Resources.

3 For water-level measurements, see Table 3.

# WISE COUNTY

Table 2.—Selected Oil and Gas Tests

Logs in Texas Department of Water Resources files

Well	Operator	Lease and well	Date drilled	Depth (ft)	Approximate land surface elevation (ft)
ZR-19-44-501	Lone Star Prod. Co.	T. H. Foxall "A" No. 1	Nov. 4, 1957	823	924
45-501	Dallas Prod., Inc.	Ferguson "E" No. 1	Jan. 21, 1973	7,150	774
601	Longhorn Prod. Co.	Adams No. 1	Sept. 5, 1966	9,526	910



# WISE COUNTY

**Table 3.—Water Levels in Selected Wells**

Reported water levels are given to nearest foot; measured water levels are given to the nearest tenth of a foot. Measurements are above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZR-19-34-801</b>		<b>Well ZR-19-42-101</b>		<b>Well ZR-19-44-801</b>	
Owner: Clyde Dipprey		Owner: H. R. Thompson		Owner: Ralph Graham	
Oct. 19, 1970	46.4	Apr. 18, 1969	25	Oct. 19, 1970	46.6
Feb. 24, 1971	46.8	Oct. 19, 1970	22.2	Feb. 24, 1971	47.0
Nov. 5, 1971	47.0	Feb. 24, 1971	22.5	Nov. 17, 1972	47.6
Nov. 16, 1972	51.7	Nov. 5, 1971	23.3	Nov. 10, 1973	44.8
Nov. 10, 1973	50.1	Nov. 10, 1973	22.5	Nov. 13, 1974	42.7
Nov. 12, 1974	46.9	Nov. 12, 1974	22.2	Nov. 13, 1975	45.8
Nov. 13, 1975	41.7	Nov. 3, 1975	19.9	Nov. 3, 1976	45.1
Nov. 9, 1976	46.4	Nov. 9, 1976	21.4	Nov. 18, 1977	47.0
Nov. 18, 1977	46.9	Mar. 16, 1977	25.2		
<b>Well ZR-19-35-701</b>		<b>Well ZR-19-42-801</b>		<b>Well ZR-19-45-301</b>	
Owner: Max Grisson		Owner: —Browder		Owner: F. E. Fortenberry	
Oct. 19, 1970	35.8	May 27, 1969	5	Oct. 2, 1967	252 *
Feb. 24, 1971	36.2	Oct. 19, 1970	7.8	Oct. 20, 1970	204.2
Nov. 5, 1971	37.3	Feb. 24, 1971	7.4	Feb. 24, 1971	203.6
Nov. 16, 1972	38.0	Nov. 5, 1971	6.0	Nov. 5, 1971	204.8
Nov. 10, 1973	35.3	Nov. 16, 1972	7.7	Nov. 17, 1972	208.6
Nov. 12, 1974	32.2	Nov. 10, 1973	5.6	Nov. 10, 1973	206.9
Nov. 3, 1975	31.8	Nov. 12, 1974	4.4	Nov. 13, 1974	207.3
Nov. 9, 1976	34.7	Nov. 3, 1975	7.6	Nov. 13, 1975	207.1
Nov. 18, 1977	35.1	Nov. 9, 1976	2.1	Nov. 4, 1976	211.9
		Nov. 18, 1977	7.5	Nov. 18, 1977	209.1
<b>Well ZR-19-37-901</b>		<b>Well ZR-19-43-603</b>		<b>Well ZR-19-50-601</b>	
Owner: Ray Milligan		Owner: J. E. DeGraw		Owner: Robert E. Smith	
Oct. 20, 1970	228.0	Nov. 17, 1972	92.4	Aug. 2, 1969	25
Feb. 24, 1971	228.2	Nov. 10, 1973	126.8	Oct. 20, 1970	25.1
Nov. 17, 1972	230.8	Nov. 13, 1974	116.8	Feb. 24, 1971	26.2
Nov. 10, 1973	229.3	Nov. 3, 1975	120.7	Nov. 5, 1971	27.4
Nov. 13, 1974	229.1	Nov. 9, 1976	128.8	Nov. 16, 1972	29.5
Nov. 13, 1975	230.9	Nov. 18, 1977	124.4	Nov. 12, 1973	28.5
Nov. 4, 1976	234.8			Nov. 12, 1974	24.7
Nov. 18, 1977	232.0			Nov. 3, 1975	22.8

\* Pumping level

# WISE COUNTY

## Table 3.—Water Levels in Selected Wells—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZR-19-50-601—Continued</b>		<b>Well ZR-19-52-401</b>		<b>Well ZR-19-58-401</b>	
Nov. 3, 1976	24.2	Owner: Gleen Cassity		Owner: James Fowler	
Nov. 29, 1977	25.8	Oct. 20, 1970	44.6	Jan. 18, 1969	240 *
<b>Well ZR-19-50-901</b>		Feb. 24, 1971	40.5	Oct. 20, 1970	69.3
Owner: Robert Lane		Nov. 5, 1971	43.3	Nov. 12, 1973	188.3
Oct. 20, 1970	19.2	Nov. 12, 1973	42.6	Nov. 3, 1975	187.9
Feb. 24, 1971	19.1	Nov. 13, 1974	41.5	Nov. 3, 1976	187.9
Nov. 5, 1971	20.4	Nov. 13, 1975	42.8	<b>Well ZR-19-60-401</b>	
Nov. 17, 1972	21.8	Nov. 3, 1976	40.2	Owner: H. H. DeArman	
Nov. 12, 1973	20.8	Nov. 7, 1977	41.3	Oct. 20, 1970	165.3
Nov. 12, 1974	20.6	<b>Well ZR-19-53-101</b>		Feb. 24, 1971	166.1
Nov. 3, 1975	18.3	Owner: Ed Haney		Nov. 4, 1971	162.0
Nov. 3, 1976	19.4	Oct. 19, 1970	45.9	Nov. 17, 1972	161.7
Nov. 29, 1977	20.0	Feb. 25, 1971	45.7	Nov. 12, 1973	160.0
<b>Well ZR-19-51-101</b>		Nov. 5, 1971	45.9	Nov. 12, 1974	160.9
Owner: E. A. Orren		Nov. 17, 1972	52.2	Nov. 3, 1975	164.0
Oct. 19, 1970	16.4	Nov. 12, 1973	49.6	Nov. 3, 1976	166.8
Feb. 24, 1971	17.2	Nov. 13, 1974	50.2	Nov. 7, 1977	166.9
Nov. 5, 1971	17.5	Nov. 13, 1975	50.9	<b>Well ZR-19-60-601</b>	
Nov. 16, 1972	18.1	Nov. 3, 1976	51.2	Owner: Myrl Smith	
Nov. 12, 1973	18.6	Nov. 7, 1977	53.2	Oct. 21, 1970	26.5
<b>Well ZR-19-51-901</b>		<b>Well ZR-19-58-101</b>		Feb. 24, 1971	29.9
Owner: Orley Allen		Owner: Marvin Davis		Nov. 5, 1971	29.9
Oct. 20, 1970	34.1	Oct. 20, 1970	11.3	Nov. 17, 1972	78.5
Feb. 24, 1971	34.2	Feb. 24, 1971	11.0	Nov. 12, 1973	76.5
Nov. 5, 1971	35.7	Nov. 5, 1971	22.1	Nov. 12, 1974	75.9
Nov. 17, 1972	36.7	Nov. 16, 1972	23.3	Nov. 3, 1975	72.1
Nov. 12, 1973	35.7	Nov. 12, 1973	23.3	Nov. 3, 1976	74.6
Nov. 12, 1974	34.6	Nov. 12, 1974	24.1	Nov. 18, 1977	75.7
Nov. 13, 1975	32.0	Nov. 3, 1975	20.1		
Nov. 3, 1976	33.1	Nov. 3, 1976	21.4		
Nov. 7, 1977	34.8	Nov. 29, 1977	22.4		

\* Pumping level

# WISE COUNTY

**Table 3.—Water Levels in Selected Wells—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZR-19-61-201</b>		<b>Well ZR-19-61-201—Continued</b>		<b>Well ZR-19-61-201—Continued</b>	
Owner: Walter Potts		Nov. 5, 1971	225.2	Nov. 3, 1975	236.9*
Oct. 21, 1970	220.2	Nov. 12, 1973	228.4	Nov. 29, 1977	240.3*
Feb. 24, 1971	223.2	Nov. 12, 1974	243.9*		

\* Pumping level

WISE COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kca, Antlers Formation; Kcpa, Paluxy Formation, Kctm, Twin Mountains Formation; Paleo, Paleozoic Era; Qal, Alluvium.  
 Dissolved solids : The bicarbonate "reported" is converted (multiplying by 0.4917) to an equivalent amount of carbonate which is used in computing dissolved solids.  
 Analyses by Texas Department of Health.

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
ZR-19-33-901	Paleo	310	Jan. 6, 1976	15	--	66	21	61	--	323	21	65	0.2	1.7	--	409	251	700	7.9	34	1.6	0.2
34-604	Kca	105	Oct. 20, 1975	30	--	74	1	16	--	216	12	9	.2	19.0	--	267	191	414	8.6	16	.5	.0
801	Kca	70	Nov. 16, 1972	23	--	195	8	85	--	343	72	216	.2	30.0	--	797	520	1,330	7.2	26	1.6	.0
801	Kca	70	July 27, 1976	23	--	193	4	84	--	365	66	211	.1	21.0	--	781	500	1,300	7.4	27	1.6	.0
35-704	Kca	100	Jan. 14, 1976	40	--	142	15	14	--	314	40	100	.2	4.8	--	510	416	832	7.4	7	.2	.0
36-801	Kca	260	July 27, 1976	13	--	72	51	39	--	423	67	43	.8	< .4	--	494	392	811	8.2	18	.8	.0
802	Kca	304	July 28, 1976	23	--	104	34	66	--	304	92	143	.2	1.4	--	613	400	1,026	7.8	26	1.4	.0
901	Kca	235	Apr. 12, 1978	21	--	69	14	34	3.0	307	44	11	.1	2.4	0.2	349	230	540	8.0	24	.9	.4
902	Kca	120	do	20	1.8	77	4	32	2.0	231	31	43	.2	7.0	.1	331	211	527	7.3	25	.9	.0
37-801	Kca	824	Nov. 25, 1974	--	.1	43	19	79	--	351	40	19	.2	.0	--	375	184	630	7.9	48	2.5	2.0
901	Kca	335	Nov. 17, 1972	19	--	77	16	31	--	306	56	7	.3	1.0	--	357	257	567	7.4	21	.8	.0
901	Kca	335	July 27, 1976	19	--	84	15	23	--	309	56	9	.2	< .4	--	358	270	566	7.9	16	.6	.0
42-101	Kca	97	Nov. 3, 1975	18	--	46	4	18	2.0	142	10	28	.1	5.4	.1	201	133	338	8.1	23	.6	.0
502	Kca	--	May 12, 1960	16	--	104	14	39	--	350	23	64	.2	.0	--	432	317	759	7.1	21	.9	.0
602	Kca	120	do	19	--	74	24	31	3.4	341	26	30	.1	1.5	--	376	283	641	6.9	19	.8	.0
605	Kca	130	Jan. 9, 1976	21	--	134	17	28	--	366	28	92	.1	7.0	--	507	403	858	7.5	13	.6	.0
607	Kca	109	Nov. 1, 1951	18	.1	88	26	18	--	--	30	39	.1	12.0	--	426	327	--	7.6	11	.4	--
611	Kca	135	Jan. 12, 1976	20	--	120	26	34	--	336	36	109	.2	22.0	--	532	410	898	7.6	15	.7	.0
703	Paleo	50	do	14	--	152	5	35	--	372	21	96	.2	15.0	--	521	400	878	7.4	16	.7	.0
801	Kca	70	Feb. 24, 1971	25	--	78	25	77	--	323	20	125	.9	< .4	--	510	299	858	7.8	36	1.9	.0
43-201	Paleo	627	Aug. 6, 1954	22	.2	4	1	297	--	342	45	220	--	--	--	757	14	--	8.3	98	34.4	5.3
201	Paleo	627	Feb. 12, 1959	6	.1	30	14	239	--	376	77	186	--	--	--	736	133	1,300	7.7	80	9.0	3.5
201	Paleo	627	Jan. 14, 1976	10	--	5	1	292	--	343	43	227	.4	< .4	--	747	16	1,310	8.6	97	31.1	5.2
202	Paleo	390	Jan. 10, 1963	--	.1	6	2	246	--	340	41	164	.2	< .4	--	626	21	1,200	8.3	95	22.2	5.1
202	Paleo	390	Jan. 14, 1976	12	--	5	2	230	--	334	37	154	.4	< .4	--	605	23	1,051	8.4	96	21.9	5.0
401	Kca	38	Jan. 13, 1976	23	--	61	5	24	--	205	13	23	.3	17.0	--	267	173	433	8.1	23	.7	.0
601	Kca	205	Feb. 24, 1971	18	--	235	125	103	--	510	384	350	.6	19.0	--	1,485	1,100	2,140	7.2	17	1.3	.0
601	Kca	205	Nov. 5, 1971	20	--	228	142	118	--	540	419	394	.7	< .4	--	1,587	1,160	2,300	7.3	18	1.5	.0

WISE COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells--Continued

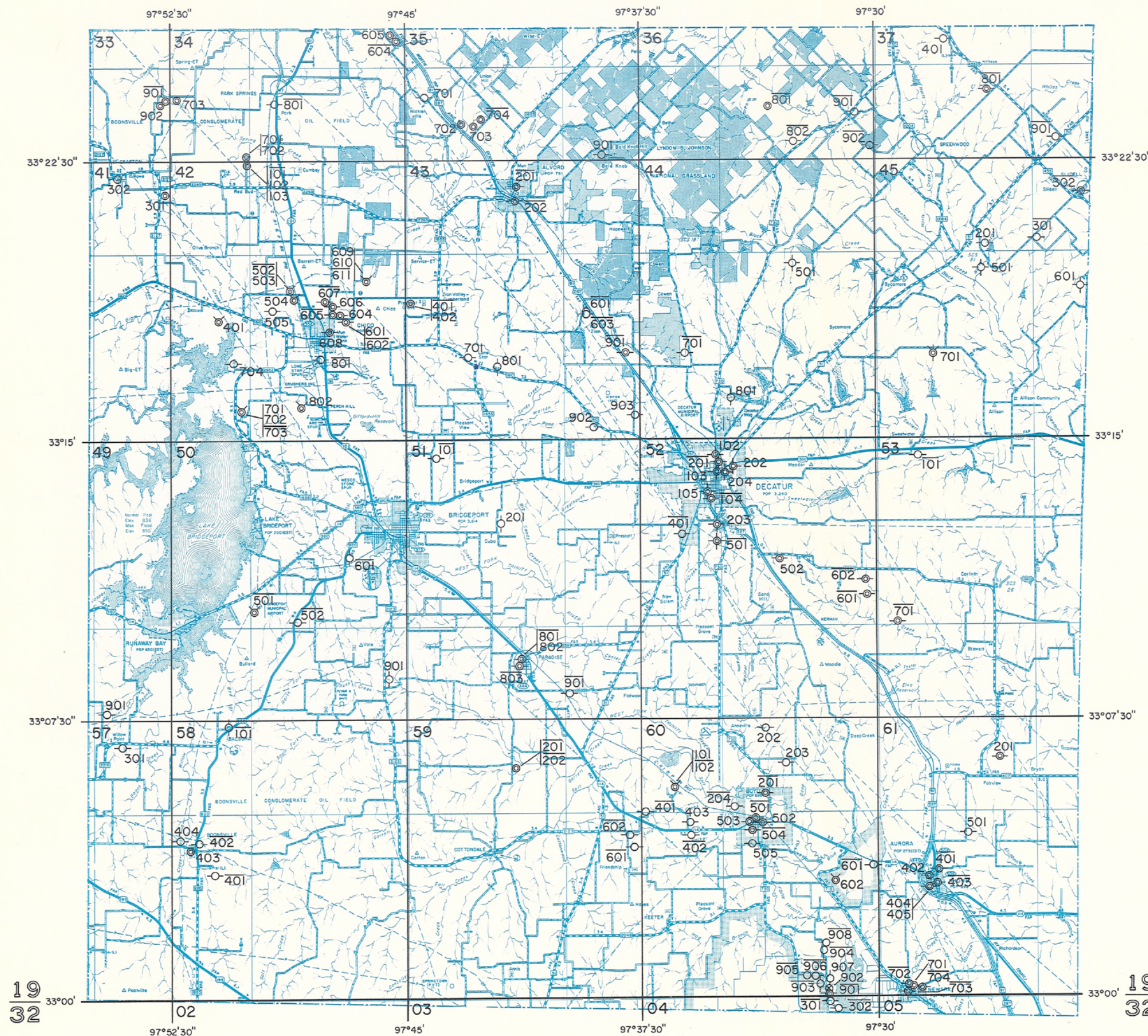
Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (micromhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
2R-19-43-603	Kca	180	Nov. 10, 1973	19	--	183	108	68	--	530	288	230	0.5	2.7	--	1,159	900	1,760	7.3	14	0.9	0.0
603	Kca	180	July 27, 1976	19	--	182	98	71	--	530	283	198	.3	2.1	--	1,114	860	1,690	7.6	15	1.0	.0
901	Kca	245	Jan. 26, 1976	15	--	148	64	71	--	510	216	104	.2	< .4	--	869	630	1,350	8.0	20	1.2	.0
44-701	Kca	440	July 27, 1976	13	--	108	2	7	--	250	29	22	.2	28.0	--	332	278	536	7.6	5	.1	.0
45-301	Kca	370	Nov. 17, 1972	13	--	25	12	83	--	270	51	7	.2	< .4	--	324	112	532	7.5	62	3.4	2.1
301	Kca	370	July 27, 1976	15	--	26	9	84	3.0	279	54	9	.1	< .4	--	337	104	531	8.1	63	3.6	2.5
302	Kca	794	do	12	--	6	1	139	--	333	35	5	.1	< .4	--	362	18	561	8.3	94	13.8	5.0
50-501	Paleo	82	Jan. 15, 1976	10	--	6	1	250	--	473	120	43	.8	1.9	--	665	20	1,064	8.5	97	24.8	7.3
502	Paleo	121	Apr. 18, 1978	13	0.0	94	45	49	4.0	442	47	89	.2	1.7	0.4	560	419	898	7.6	20	1.0	.0
601	Qal	70	Feb. 24, 1971	18	--	66	13	23	--	178	32	38	.2	33.0	--	310	216	514	7.2	19	.6	.0
601	Qal	70	July 28, 1976	15	--	113	14	46	--	260	35	127	.1	13.0	--	490	343	850	7.6	23	1.0	.0
51-101	Kca	80	Nov. 16, 1972	19	--	113	26	128	--	355	57	219	.2	< .4	--	737	388	1,270	7.2	42	2.8	.0
801	Kctm	60	May 12, 1960	21	--	84	32	54	2.2	392	34	60	.1	26.0	--	506	341	--	7.2	25	1.2	.0
803	Kctm	90	Jan. 15, 1976	20	--	91	29	48	--	395	35	53	.2	15.0	--	485	347	794	7.6	23	1.1	.0
901	Kctm	62	Feb. 24, 1971	18	--	76	47	41	--	345	87	55	.1	23.0	--	516	381	817	7.4	19	.9	.0
901	Kctm	62	July 28, 1976	19	--	70	36	34	--	328	65	36	.2	21.0	--	442	323	706	7.6	19	.8	.0
52-104	Kca	602	May 12, 1960	16	--	25	10	88	2.4	291	26	22	.2	.0	--	332	102	555	7.4	64	3.7	2.6
201	Kca	537	Dec. 12, 1961	16	--	13	7	89	--	264	21	6	.1	< .4	--	282	61	--	8.0	76	4.9	3.1
401	Kcpa	115	Nov. 5, 1971	21	--	102	12	42	--	339	39	41	.4	11.0	--	435	304	690	7.4	23	1.0	.0
401	Kcpa	115	July 27, 1976	19	--	97	9	38	--	344	31	29	.6	11.0	--	403	282	650	7.8	23	.9	.0
501	Kctm	--	May 12, 1960	14	--	12	7	129	2.3	303	24	48	.1	1.8	--	387	56	--	7.5	82	7.3	3.7
601	Kctm	712	Sept. 2, 1977	10	1.3	1	1	225	--	509	43	8	.7	< .4	--	540	5	872	8.8	99	38.0	8.2
602	Kcpa	122	do	15	.2	96	5	10	--	300	26	7	.2	< .4	--	307	261	492	8.2	8	.2	.0
53-101	Kca	178	July 28, 1976	18	--	3	1	149	--	310	62	9	.1	< .4	--	394	7	600	7.5	96	19.0	4.8
701	Kcpa	100	Sept. 2, 1977	20	.2	250	18	7	--	328	421	6	.1	< .4	--	884	699	1,110	7.8	2	.1	.0
58-101	Kctm	50	Feb. 24, 1971	24	--	85	19	107	--	510	36	41	1.0	7.5	--	571	289	888	7.5	44	2.7	2.5
101	Kctm	50	Nov. 3, 1975	27	--	472	88	304	11.0	415	113	371	.7	1,520.0	--	3,110	1,540	3,730	7.6	30	3.3	.0
401	Kctm	240	Nov. 12, 1973	17	--	69	49	83	--	500	56	62	.3	< .4	--	582	375	969	7.6	32	1.8	.7
401	Kctm	240	July 28, 1976	19	--	73	49	82	--	510	50	62	.2	< .4	--	586	383	960	8.2	32	1.8	.6
402	Kctm	80	May 9, 1961	25	--	182	77	101	--	504	127	290	.3	44.0	--	1,094	770	1,870	6.8	22	1.5	.0
59-201	Kctm	92	Jan. 29, 1976	22	--	104	82	206	--	520	54	393	.2	5.1	--	1,121	600	1,940	7.8	43	3.6	.0
202	Kctm	--	July 29, 1976	20	--	72	38	88	--	449	40	88	.2	< .4	.2	567	335	946	7.9	36	2.0	.6
601	Kcpa	107	Mar. 29, 1975	10	--	6	2	273	--	389	115	129	1.1	< .4	--	727	22	1,200	8.3	96	24.6	5.9

WISE COUNTY

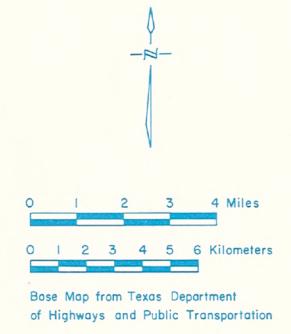
Table 4.--Chemical Analyses of Water From Selected Wells--Continued

Well	Aquifer	Depth of well or sampled interval (ft)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Total hardness as CaCO <sub>3</sub>	Specific conductance (microhmhos at 25°C)	pH	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)
ZR-19-59-602	Kctm	285	Mar. 27, 1975	10	--	6	2	378	--	550	148	172	1.2	< 0.4	--	988	23	1,600	8.3	97	34.1	8.5
60-102	Kctm	200	Aug. 15, 1977	14	--	11	4	491	--	437	134	422	.6	< .4	--	1,291	44	2,150	8.1	96	32.2	6.2
201	Kctm	394	July 23, 1970	--	0.1	11	6	460	8.2	307	128	435	.2	--	--	1,199	50	--	8.3	94	27.7	3.9
201	Kctm	394	Jan. 28, 1976	9	.2	9	3	468	--	340	54	500	.4	< .4	--	1,211	36	2,150	8.5	97	34.5	4.8
204	Kctm	318	Apr. 20, 1978	20	.1	120	65	81	4.4	498	263	54	.4	3.3	0.3	856	569	1,157	7.6	24	1.4	.0
401	Kctm	226	July 28, 1976	11	--	13	3	510	--	482	144	449	1.1	2.7	--	1,370	48	2,250	8.0	96	33.1	7.0
402	Kctm	292	Apr. 25, 1978	11	--	8	2	391	--	528	226	138	1.3	< .4	--	1,037	29	1,450	8.2	97	32.0	8.0
501	Kctm	349	May 1, 1951	34	1.0	132	51	1,489	--	--	59	2,485	.1	< .4	--	4,452	539	--	7.8	86	27.8	--
501	Kctm	349	Jan. 28, 1976	9	--	27	13	600	--	351	152	680	.4	< .4	--	1,654	123	2,880	8.2	92	23.7	3.3
504	Kctm	312	do	8	--	7	3	452	--	420	152	347	1.2	< .4	--	1,177	29	2,100	8.5	97	36.0	6.2
601	Kcpa	140	July 28, 1976	16	--	129	6	8	--	317	49	20	.1	31.0	--	414	347	643	8.1	5	.1	.0
901	Kctm	438	Sept. 5, 1975	12	--	7	2	403	1.0	510	243	151	1.5	< .4	.7	1,072	25	1,650	8.6	97	34.5	7.8
903	Kcpa	200	July 18, 1972	--	--	75	18	108	--	510	4	57	.7	< .4	--	510	262	892	7.5	47	2.9	3.1
904	Kcpa	67	do	13	--	13	3	246	--	384	41	160	1.2	10.0	--	676	45	1,140	7.8	92	15.9	5.3
905	Kcpa	53	do	22	--	111	35	165	--	422	60	222	.3	56.0	--	878	420	1,400	7.3	46	3.4	.0
906	Kcpa	99	July 19, 1972	21	--	101	26	55	--	367	41	94	.1	1.5	--	520	358	840	7.4	25	1.2	.0
908	Kcpa	218	do	15	--	68	13	84	--	336	40	52	.5	6.0	--	443	222	732	7.6	45	2.4	1.0
61-401	Kcpa	390	May 12, 1960	20	--	74	18	27	3.6	305	58	9	.2	1.8	--	361	258	589	6.9	18	.7	.0
403	Kcpa	265	Jan. 28, 1976	16	--	98	2	15	--	295	33	7	.3	< .4	--	316	254	518	7.6	11	.4	.0
702	Kcpa	240	do	11	--	57	11	53	--	312	32	13	.3	2.3	--	333	189	561	8.0	38	1.6	1.3
703	Kcpa	150	May 12, 1960	12	--	8	4	119	.8	297	34	9	.1	1.2	--	334	35	541	7.8	87	8.5	4.1
704	Kcpa	240	Jan. 29, 1976	11	--	5	2	409	--	497	136	240	.7	2.6	--	1,050	21	1,790	8.0	98	39.1	7.7
32-04-301	Kcpa	--	July 19, 1972	9	--	8	5	331	--	471	94	176	2.8	2.5	--	859	38	1,370	8.2	95	22.6	6.9
302	Kcpa	120	do	20	--	55	17	30	--	231	33	33	.1	1.5	--	303	209	488	7.5	24	.9	.0





- EXPLANATION
- Public supply well
  - ⊕ Industrial well
  - Irrigation well
  - Domestic or livestock well
  - ⊕ Oil or gas well
  - Test hole
  - ⊕ Unused or abandoned well
  - Solid circle indicates flowing well
  - 201 Line above well number indicates chemical analysis given in table 4



Location of Selected Water, Oil, and Gas Wells in Wise County



