

Table 6. -- Records of Wells and Springs -- 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 (ft.)	DATE OF MEASUREMENT			
30-09-428	M. T. McIlwain	--	--	93	4-1/2	93	Pefc	1,714	36.3	Apr. 4, 1967	N	N	--
* 429	J. M. Dubose	Mr. Wallace	1953	65	6	16	Pefv	1,697	30.3	do	C, W	S	Water reported from gray streak in the redbeds at 65 feet. Yield reported 30 gpm.
* 430	do	--	1900?	57	6	57	Pefv	1,698	27.8	do	J, E	D	Water reported from gray streak in the redbeds at about 55 feet. Yield reported 30 gpm.
* 501	Herman A. Proppat	Ed Chapman	1966	80	5-1/2	80	Pefb	1,681	14.0	Jan. 20, 1967	N	N	Unused irrigation well. Water reported at 23 to 21.5 feet (cased off), and at 60 to 62 feet in "blue shale" (dolomite?). Yield reported 30 gpm.
* 502	do	do	1966	57	12-3/4	57	Pefb	1,678	10.7 9.7	do Jan. 15, 1969	N	N	Unused irrigation well. Water reported at 35 to 36 feet in "blue shale" (dolomite?) which was cased off, and at 50 to 52 feet in "blue shale". Yield reported 35 gpm. Observation well.
* 503	do	do	1966	72	8-3/4	72	Pefb	1,685	16.0	do	S, E, J	Irr	Water reported at 22 to 23 feet in "blue shale" (dolomite?) which was cased off, and at 60 to 62 feet in "blue shale". Yield reported 50 to 60 gpm.
* 504	J. A. Walker	--	1948?	40?	--	--	Pefb	1,685	16.6	do	N	N	Yield reported less than 10 gpm.
* 505	do	P. A. Lynn	1964	40	6-1/2	40	Pefb	1,682	19.4	Jan. 25, 1967	J, E	S	Water reported from "blue shale" (dolomite?) at about 30 feet.
* 506	Dr. J. C. Duff	--	1957	60	6	60	Pefb	1,662	18.0 17.1	Mar. 15, 1960 Feb. 10, 1967	S, E, J	Irr, S	Yield reported 100 gpm.
* 507	Mrs. Winnie C. Jones	--	1920?	45	5	45	Pefb	1,688	20.0	Feb. 28, 1967	J, E	N	--
* 508	do	--	1920?	35	6	--	Pefb	1,665	6.7	do	J, E	N	--
* 509	do	Ed Chapman	1965	60	--	--	Pefb	1,661	3.5	do	N	N	Uncased test hole.
* 510	do	do	1965	60	8	60	Pefb	1,661	--	--	S, E, J	Irr	--
* 511	do	do	1965	60	8	60	Pefb	1,661	5.6	do	S, E, J	Irr	--
* 512	do	do	1965	60	8	60	Pefb	1,663	--	--	S, E, J	Irr	--
* 513	Herman A. Proppat	--	1942?	45	6	--	Pefb	1,695	16.8	Jan. 25, 1967	J, E	D, S	--
* 514	Mrs. J. Frank Davis	--	--	60	6	--	Pefb	1,656	20.8	July 15, 1953 Oct. 11, 1967	J, E	N	Well P-3 of Bulletin 5418.]
* 515	John I. Teague	Ed Chapman	1966	60	--	--	Pefb	1,649	8.2	Mar. 20, 1967	N	N	Test hole. Minor amount of water reported at 21 feet just below a gypsum bed; main water reported at 60 feet in gray (dolomite?) streak in the redbeds.
* 516	H. W. McLaren	--	1942?	41	6	20	Pefb	1,638	13.0	Oct. 11, 1967	N	N	--
* 517	do	--	1900?	14	--	--	Pefv	1,650	5.1	Nov. 6, 1967	C, W	S	Dug well.
* 518	W. M. Holloway	Ed Chapman	1967	60	5-1/2	60	Pefb	1,786	20	Feb. 9, 1968	S, E	D, S	Water reported from sand at 15 to 16 feet (cased off) and from "blue shale" (dolomite?) at 30 to 31 and 40 to 41 feet. Yield reported 18 gpm.
* 519	do	--	--	40	6	--	Pefb	1,702	16.0	Feb. 9, 1968	J, E	N	--
* 601	Dale King	--	1925	40	5-1/2	--	Pefb	1,641	16.1	May 9, 1967	C, W	N	--

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASTING		WATER BEARING UNIT	ALTITUDE OF SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM. OF WELL (in.)	DEPTH (ft.)			BELOW LAND SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* 30-09-602	Mrs. Louise Shappard	--	--	80	6	--	Pcfb	1,651	22.5 17.9	July 10, 1953 June 20, 1967	J, E	D, S	Water not used for human consumption. Well P-4 of Bulletin 5418.
* 603	John I. Teague	Ed Chapman	1966	40	5-1/2	40	Pcfb	1,647	4.8	Mar. 20, 1967	J, E	D, S	Water not used for human consumption. Water reported in "blue shale" (dolomite?) at 18 to 20 and 36 to 38.5 feet. Yield reported 40 gpm.
604	do	Coke Tidwell	1942	26	6	26	Pcfb	1,648	4.2	do	C, W	S	Water reported at 25 feet in redbeds.
605	Guy E. Steen	Slim Wallace	1963	65	6	65	Pcfb	1,663	22	Feb. 8, 1968	J, E	D	Water reported in gray break in red shale at 25 and 48 feet. Yield reported 40 to 50 gpm.
606	do	--	--	39	6	--	Pcfb	1,662	29.0 22.2	July 10, 1953 Feb. 8, 1968	C, W	S	Well P-7 of Bulletin 5418.
* 607	do	Hollis Davis	1966	65	8	40	Pcfb	1,640	4.7	do	C, W	S	Water reported at about 20 and 50 feet in gray breaks in red shale.
608	do	Ed Chapman	1964	65	8	30	Pcfb	1,645	10	do	C, W	S	Water reported at 20 and 60 to 50 feet in gray breaks in red shale. Yield reported 40 gpm.
609	Guy E. Steen	Slim Wallace and Hollis Davis	1958	65	30	65	Pcfv	1,632	6	do	N	N	Water reported from two breaks in red shale. Yield reported 75 gpm.
610	do	--	--	65	8	30	Pcfb	1,629	--	do	N	N	Do well.
* 611	Mrs. D. Williams	--	1948	19	6	--	Pcfb	1,660	10.0	Feb. 8, 1968	C, W	S	Abandoned industrial well, formerly used for water source in drilling an oil test. Well P-8 of Bulletin 5418.
612	do	--	--	27	--	--	Pcfv	1,669	11.8	do	N	N	Do well.
* 613	B. D. Bryan	--	--	64	6-1/2	--	Pcfb	1,654	18.2 11.2	July 11, 1953 Feb. 8, 1968	N	N	Water reported from sand and gravel (cased off) at 20 to 21 feet. Yield reported 50 gpm.
* 701	John L. Beauchamp	--	1955	85	6	10	Pcfc	1,770	34.2	June 19, 1967	J, E	D, S	Water not used for human consumption.
* 702	do	P. A. Lynn	1963	50	6	50	Pcfc	1,749	9.0	do	C, W	S	Water reported at 30 and 45 feet from breaks in redbeds.
* 703	Y. Z. Jimenez	Ed Chapman	1966	80	5-1/2	80	Pcfc	1,723	10.9	Mar. 29, 1968	S, E, 1	Irr, D	Water reported from sand and gravel (cased off) at 20 to 21 feet. Yield reported 50 gpm. (dolomite?) at 75 to 77 feet. Yield reported 50 gpm.
704	do	do	1966	80	5-1/2	80	Pcfc	1,722	11	do	S, E, 1	Irr	Water reported from sand and gravel (cased off) at 20 to 21 feet. Yield reported 50 gpm. (dolomite?) 72 to 74 feet. Yield reported 50 gpm.
* 705	do	--	--	65	6	--	Q41	1,722	8.5	do	J, E	S	Water reported from red clay at 35 to 40, 45 to 50, and 55 to 65 feet.
* 801	Johannie White	P. A. Lynn	1965	65	8	20	Pcfb	1,691	7.8	Aug. 30, 1967	C, H	D, S	Water reported from red clay at 35 to 40, 45 to 50, and 55 to 65 feet.
* 802	do	do	1957?	60	8	20	Pcfb	1,692	16.8	do	J, E	D, S	Water reported from red clay at 35 to 40, 45 to 50, and 55 to 65 feet.
* 803	Hoke Propat	--	--	70	--	--	Pcfc	1,723	18	Nov. 14, 1967	C, N	N	Water reported from red clay at 35 to 40, 45 to 50, and 55 to 65 feet.
* 804	do	--	--	51	6	6	Pcfc	1,724	17.4	do	N	N	Water reported from red clay at 35 to 40, 45 to 50, and 55 to 65 feet.
* 805	C. C. Tabb	--	--	45	--	--	Pcfc	1,754	29.0	Jan. 26, 1968	C, W, J, E	D, S	Water reported from red clay at 35 to 40, 45 to 50, and 55 to 65 feet.
* 806	Knox Pittard, Jr.	--	--	37	6	--	Pcfc	1,724	19.7 12.9	July 10, 1953 Feb. 8, 1968	N	N	Water reported from red clay at 35 to 40, 45 to 50, and 55 to 65 feet.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF MEASUREMENT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW SURFACE DATUM (ft)	DATE OF MEASUREMENT			
30-09-807	Wood and Hill Corp.	Jack Leonard	1967	85	7	85	PcFv	1,712	--	--	N	N	Well planned for use as a fresh water supply well for waterflooding. Water reported at 46 to 47 feet from cavity in red and blue shale streaks. Yield reported 6 to 8 gpm.
* 901	Clifford Thorn	Jack Bradshaw	1955	42	8	37	PcFb	1,695	18.1 5.8	Sept. 6, 1960 Mar. 1, 1968	S, E, 3/4	Irr	Originally dug 32 feet deep; later drilled to 42 feet. Water reported at 28 and 32 feet in breaks in red shale. Yield reported 35 gpm.
* 902	Roy P. Nunley	M. Choate	1952	86	11	50	PcFb	1,717	20 62.2 57.3	June 16, 1953 Sept. 3, 1960 Mar. 1, 1968	C, N	N	Unused irrigation well. Water reported from cavity at 81.9 to 85.7 feet in blue redbeds. Yield reported 350 to 500 gpm. Well F-17 of Bulletin 5418. ^J
* 903	Mack T. Claburn	Jack Leonard et al.	1961	62	9	47	PcFb	1,705	35	Feb. 28, 1967	J, E	D, S	Minor amount of water reported at 42 feet; main water at 53 to 62 feet in soft "lime-like" rock. Yield reported greater than 90 gpm.
* 904	do	--	--	62	6	62	PcFb	1,702	23.9	do	C, W	S	--
* 905	do	Jack Bradshaw	1960	37	6	37	PcFb	1,680	9.9	do	N	N	Unused irrigation well. Water reported at 25 to 33 feet in soft, "platy lime". Yield reported about 90 gpm.
* 906	Mrs. E. F. Simmons estate	--	--	42	5	--	PcFb	1,682	16.2	Mar. 20, 1967	J, E, 1	S, Irr	Reported yield greater than 35 gpm.
* 907	John Deatheradge	--	--	17	--	--	PcFb	1,672	13.0	do	N	N	Dug well.
* 908	Roy Thorn	Jack Bradshaw	1957	65	6	--	PcFb	1,686	43.3	June 2, 1967	J, E	N	--
* 909	Russell Addison	--	--	55	--	--	PcFb	1,678	34.4	do	J, E	N	--
* 910	Guy E. Steen	Hollis Davis	1960 ^T	75	24	20	PcFb	1,662	21.4	Feb. 8, 1968	Cf, E, 1	Irr	Water reported from gray breaks (dolomite?) at 25 to 50 feet. Yield reported 125 gpm.
* 911	Ernest H. Pittman	--	--	Spring	--	--	PcFv	1,668	(4)	do	--	N	Spring flows from dolomite outcrop in creek.
* 912	J. P. Ward	--	1953 ^T	40	7	20	PcFb	1,673	28 13.1	July 30, 1953 Feb. 9, 1968	N	N	Unused industrial well, originally drilled to 80 feet. Water reported from gray breaks in red shale at 13 to 50 feet. Yield reported 35 gpm. Well F-12 of Bulletin 5418. ^J
* 913	R. L. Goza	--	--	72	8	20	PcFb	1,734	40.9	Feb. 29, 1968	J, E	D	Water used for yard only. Water reported encountered at about 60 feet. Yield reported less than 20 gpm.
914	Roy P. Nunley	Jack Bradshaw	1955	86	9	30	PcFb	1,717	57	Mar. 1, 1968	T, C	Irr	Water reported from cavity in rebeds at 82.9 to 85.7 feet. Yield reported 350 to 500 gpm.
915	Clifford Thorn	--	1955	37	8	37	PcFb	1,693	4.9	do	S, E, 3/4	Irr	Water reported at 28 and 32 feet in breaks in red shale. Average yield reported 35 gpm.
916	do	--	1955	37	8	20	PcFb	1,694	6	do	S, E, 3/4	Irr, S	Do.
917	do	--	1955	37	9	10	PcFb	1,691	6	do	S, E, 3/4	Irr	Do.
918	do	--	1955	37	9	10	PcFb	1,691	6	do	N	N	Unused irrigation well. Water reported at 28 and 32 feet in breaks in red shale. Yield reported 35 gpm.
919	do	--	1955	37	9	10	PcFb	1,690	6	do	N	N	Do.
920	do	--	1955	37	9	10	PcFb	1,691	6	do	N	N	Do.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	BELOW LAND-SURFACE DATUM (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)				DATE OF MEASUREMENT	YIELD (gpm)			
* 30-09-921	Bill Lepard	F. Hill	1958	70	6	70	PcFb	1,730	--	--	J, E	D, S	Water reported in streaks in redbeds at 52 and 58 feet. Measured yield 15 gpm.	
* 922	D. L. Boyd	Ed Chapman	1968	60	7	25	PcFb	1,711	10.9	Mar. 18, 1968	S, E, 3/4	Irr	Water reported in "blue shale" (dolomite?) breaks at 39 to 41 and 51 to 53 feet. Yield reported 50 gpm.	
923	do	do	1967	60	7	25	PcFb	1,707	15.2	do	S, E, 3/4	Irr, S	Water reported in "blue shale" (dolomite?) breaks at 40 to 42 and 51 to 52 feet. Yield reported 50 gpm.	
924	do	do	1966	60	6	20	PcFb	1,714	14.8	do	J, E	D	Water used in yard only. Water reported encountered at 40 and 55 feet.	
925	City of Anson	Jess Wiltzaker	1953	50	8	35	PcFb	1,696	30	May --, 1953	N	N	Unused public supply well, sealed with concrete cap. Water reported from shale. Well F-13 of Bulletin 5418. ^J	
926	do	do	1953	50	8	35	PcFb	1,698	--	--	N	N	Unused public supply well, sealed with concrete cap. Well F-14 of Bulletin 5418. ^J	
927	do	do	1953	50	8	25	PcFb	1,714	32	June --, 1953	N	N	Unused public supply well, sealed with concrete cap. Well F-23 of Bulletin 5418. ^J	
928	do	do	1953	50	8	25	PcFb	1,715	--	--	N	N	Unused public supply well, sealed with concrete cap. Well F-25 of Bulletin 5418. ^J	
929	do	do	1953	50	8	24	PcFb	1,714	--	--	N	N	Unused public supply well, sealed with concrete cap. Water reported from shale. Well F-24 of Bulletin 5418. ^J	
930	do	do	1953	50	8	25	PcFb	1,716	--	--	N	N	Unused public supply well, sealed. Water reported from shale. Well F-27 of Bulletin 5418. ^J	
931	do	do	1953	50	8	25	PcFb	1,713	--	--	N	N	Unused public supply well, sealed with concrete cap. Water reported from shale. Well F-26 of Bulletin 5418. ^J	
932	Nat McMinn	--	1953?	30	8?	6	PcFb	1,664	10	Oct. 16, 1968	J, E, 1, 5	Irr	Yield reported 40 to 50 gpm.	
933	do	--	1953?	30	8?	6	PcFb	1,666	10	do	S, E, 1, 5	Irr	Do.	
* 10-101	J. H. Hedeking	P. A. Lynn	1964	42	7	42	Qs, PcFv	1,610	10.7	May 16, 1967	J, E	D	Minor amount of water reported at 18 feet in sand; main water reported at 39 feet in redbeds.	
* 102	Lassetter estate	--	1935?	25	6	25	Qs	1,618	10.8	May 17, 1967	N	N	--	
103	do	--	1932?	60	6	--	PcFv	1,628	--	--	C, W	N	--	
* 104	Mrs. Myrtle Cox	--	1946?	25	5	--	Qs	1,622	12.0 8.7	May 17, 1967 Jan. 15, 1969	C, W	D	Water not used for human consumption.	
* 105	L. M. Woodson	E. J. Anderson	1945?	90	5	10	PcFv	1,617	9.4	do	N	N	Strong water flow reported from redbeds at about 65 to 70 feet.	
106	do	--	1930?	60	5	10	PcFv	1,610	5.2	do	C, W	N	Water reported from redbeds at about 40 feet. Water reported fit for livestock consumption only.	
107	E. A. Lovorn	--	1925?	72	6	20	PcFv	1,651	30.8	June 16, 1967	C, W	N	--	
108	do	--	1930	65	6	20	Qs	1,643	13.6	do	C, W	N	--	
* 109	West Texas Utilities Company	--	1933	120	--	--	PcFb	1,641	--	--	C, E	N	Well B-20 of Bulletin 5418. ^J	

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (FE)	CASING		WATER BEARING UNIT	ALTITUDE OF SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN.)	DEPTH (FE)			BELOW SURFACE DATUM (FE)	DATE OF MEASUREMENT			
* 30-10-110	Clinton C. Moss	Jack Bradshaw	1955	65	--	30	PcFb	1,641	24.1	June 20, 1967	C, W	Ind	Used for operation of cotton gin.
111	Mrs. Charles Vacek	--	--	70	--	--	PcFv	1,631	20.6	June 21, 1967	C, W	N	Water reported not fit for human consumption.
* 201	A. H. Lindsey	--	--	17	--	--	Qa1	1,571	16.1	Apr. 6, 1967	J, E	S	Dug cistern which has been perforated.
* 202	do	--	1927?	65	6	--	PcFv	1,565	--	--	J, E	D, S	--
* 203	I. H. Rogers	--	--	74	6	--	PcFv	1,570	22.1	May 17, 1967	N	N	--
* 204	Lowell Smith	--	--	100	5	--	PcFv	1,576	52.8	do	J, E	D, S	Water not used for human consumption.
* 205	Morris Bean	--	1900?	70	5	70	Qs	1,563	22.6	May 29, 1967	C, W,	D, S	Water reported from sand. Water not used for human consumption.
									21.1	Jan. 15, 1969	J, E		
* 301	R. L. Thane	--	--	20	--	--	Qs	1,568	14.1	July 8, 1953	J, E	D, S	Dug well. Water reported from sand. Well C-16 of Bulletin 5418. ^J
									9.1	May 16, 1967			
* 302	A. H. Lindsey	--	--	14	--	--	PcFv	1,558	9.8	Apr. 6, 1967	C, N	N	Dug well. Water reported from clay.
* 303	C. L. Beardon	--	--	15	--	--	Qs	1,600	7.0	May 16, 1967	B, H	N	Dug cistern which had cracked and was used as a well.
									6.2	Jan. 15, 1969			
* 304	R. L. Thane	--	1925?	17	--	--	Qs	1,568	9.4	May 16, 1967	N	N	Dug well. Water reported from sand.
									9.8	Jan. 15, 1969			
* 305	Lillie D. Southard	--	1895?	26	--	--	Qa1	1,558	5.3	June 9, 1967	C, W	S	Dug well.
* 401	J. N. Griffith	Frank Hill	1946	85	--	--	PcFv	1,604	14.5	July 8, 1953	S, E,	Irr	Salty water reported at 27 feet; good water with sulfur reported at 65 feet. Well P-6 of Bulletin 5418. ^J
									9	May 9, 1967	2, 5		
* 402	L. D. McDuff	P. A. Lynn	1962	65	6	30	PcFv	1,646	41.1	Mar. 23, 1967	C, W	S	--
* 403	W. D. Baker	Hollis Davis	1964	60	5	60	PcFv	1,630	25	Apr. 20, 1967	J, E	S	Water reported from dolomite at 45 to 50 feet.
* 404	do	do	1964	70	5	70	PcFv	1,631	25	do	J, E	S	Water reported from Permian rocks at 43 to 47 feet. Water not used for human consumption. Yield reported 80 gpm.
* 405	W. D. Baker	--	1942	90	5	90	PcFv	1,644	45.9	Apr. 20, 1967	C, W	D, S	Water reported from white dolomite at 40 to 41 feet. Water not used for human consumption.
* 406	do	--	1955	60	5	60	PcFv	1,642	27.0	do	C, H	N	Water reported from white dolomite at 38 to 39 feet. Yield reported 40 gpm.
* 407	do	--	--	13	--	--	Qa1	1,629	3.4	do	N	N	Dug well.
* 408	do	Hollis Davis	1964	65	6	65	PcFv	1,617	6.6	do	N	N	Water reported encountered at 20 feet in dolomite.
* 409	do	--	1900?	13	--	--	Qa1	1,615	3.0	do	N	N	Dug well.
* 410	J. R. King	J. R. King	1957	10	--	--	Qs	1,619	7.0	May 9, 1967	C, H	N	Do.
									6.6	Jan. 15, 1969			
* 411	do	Mr. Harvey	1900?	20	--	--	Qs	1,622	11.2	do	N	N	Do.
* 412	do	Dale King	--	16	--	--	Qs	1,627	13.6	do	N	N	Do.
* 413	do	--	--	49	6	4	PcFv	1,622	22.1	July 8, 1953	C, W	D	Water not used for human consumption. Well P-5 of Bulletin 5418. ^J
									16.8	May 9, 1967			
* 414	Omar Burleson	--	--	13	--	--	Qa1	1,599	11.3	do	N	N	Dug well.
* 415	do	--	1945?	32	3-3/4	--	PcFv	1,607	16.0	do	C, W	S	Well depth reported 80 feet; probably caved.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	BELOW LAND SURFACE DATUM (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)				DATE OF MEASUREMENT	MEASUREMENT			
* 30-10-416	Bill Wright	P. A. Lynn	1960	60	6	60	Pcfv	1,614	28.6	May 8, 1967	J, E	D, S	Water reported in light-colored streaks in red shale at 20 to 25 feet and mainly at 30 feet.	
* 417	do	--	1928	16	--	--	Pcfv	1,612	11.8	do	C, W	S	Dug well.	
* 418	do	--	1928?	40	6	40	Pcfv	1,620	18.6	do	C, W	S	--	
f 419	Wayne Petroleum Company	--	1960	5,967	10 4-1/2	250 5,840	Ch	1,614	250	May 9, 1967	C, E, 30	Ind	Industrial salt water supply well, used in oil field waterflood operation. Yield reported greater than 116.7 gpm.	
* 420	do	--	1948	80	10-3/4	80	Pcfv	1,614	4.2	do	J, N	N	Abandoned industrial well, formerly used as fresh water source in the drilling of oil tests.	
* 421	J. H. Wedeking	P. A. Lynn	1964	45	5-1/2	40	Pcfv	1,598	12.2	May 16, 1967	C, W	S	Water reported at 40 feet from streak in the redbeds.	
* 422	J. N. Griffith	Slam Wallace	1958	55	8	12	Pcfv	1,607	25.4	May 9, 1967	J, E	D, S	Water reported at 42 to 43 feet from break in the redbeds.	
* 423	do	do	1958	55	8	12	Pcfv	1,604	9	do	S, E, 2.5	Irr	Do.	
* 424	R. L. Watts	F. Hill	1937?	75	6	10	Pcfv	1,638	12.1	June 20, 1967	C, W	D, S	Water not used for human consumption. Water reported at 30 feet.	
* 425	do	Mr. Schaffer	--	75	6	10	Pcfv	1,638	15.1	do	N	N	--	
* 426	Monte Cozzart	P. A. Lynn	1964	50	8-5/8	20	Pcfv	1,610	10	Aug. 30, 1968	Cf, E	Irr	Water reported from gray breaks in the redbeds at 40 to 45 feet. Yield reported 60 to 65 gpm.	
* 427	do	do	1964	50	8-5/8	20	Pcfv	1,610	10	do	Cf, E	Irr	Water reported from gray breaks in the redbeds at 40 to 50 feet. Yield reported 60 gpm.	
* 501	August Buske	Mr. Hill	--	42	6	--	Pcfv	1,608	12.1	May 17, 1967	N	N	--	
* 502	Mrs. Georgia Thornton	--	--	65	6	--	Qs	1,619	9.5 8.3	Apr. 6, 1967 Jan. 15, 1969	C, W	N	--	
* 503	Mrs. Mel S. Barkley	--	1943?	24	--	--	Qs	1,623	18.4 16.8	May 16, 1967 Jan. 15, 1969	J, E	S	Dug well.	
* 504	J. T. Casady, Jr.	--	--	25	--	--	Qs	1,607	18.3	do	N	N	Dug well. Water has hydrogen sulfide odor.	
* 505	Emma Pouschel	E. J. Viertel	1945?	40	7	20	Qs1	1,590	14.6	do	N	N	--	
* 506	do	--	--	12	--	--	Qs1	1,582	10.4	do	C, N	N	--	
* 507	Mrs. A. L. McKeever	--	--	22	--	--	Qs	1,631	8.5	May 30, 1967 Jan. 15, 1969	J, E	D	Do.	
* 508	do	--	--	18	6	--	Qs	1,630	8.6	do	C, H	N	--	
* 509	do	--	1939	18	--	--	Qs	1,631	14.6	May 30, 1967	C, W	N	Dug well, reported often dry.	
* 701	Otto Sorebee	--	1940?	60	6	60	Pcfv	1,691	37.9	Mar. 21, 1967	C, W	N	Water reported at 50 feet in break in the redbeds.	
* 702	do	Mr. Hill	1955?	90	5	90	Pcfv	1,690	38.5	do	J, E	D, S	Water not used for human consumption. Water reported at 50 feet in break in the redbeds.	
* 703	Gene Sorebee	Frank Hill	--	60	6	60	Pcfv	1,707	23.4	do	C, W	N	Water reported at 50 feet in break in the redbeds.	
* 704	Martha Scott	Mr. Hill	1953?	60	5	60	Pcfv	1,694	11.7	Mar. 22, 1967	J, E	D	--	
* 705	H. A. Blackwell	--	1957	40	6	40	Pcfv	1,691	8.5	Mar. 17, 1967	J, E	D, S	--	

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)		BELOW LAND-SURFACE LEVEL (ft)	DATE OF MEASUREMENT			
* 30-10-706	H. A. Blackwell	--	--	24	8	24	1,691	8.4	Mar. 17, 1967	C, W	S	--
* 707	Raymond McLaren	Dugger and Herring	1960	65	6	65	1,691	11.3	Mar. 21, 1967	J, E	D, S	Water reported at 28, 45, and 50 feet from breaks in the redbeds. Yield reported 50 gpm.
708	do	--	1947	28	6	28	1,691	10.2	do	J, E	N	--
709	do	P. A. Lynn	1962	75	6	75	1,692	12.6	do	N	N	Water reported at 28, 45, and 50 feet from breaks in the redbeds. Yield reported 50 gpm.
* 710	Raymond Spraberry	Obey Scott	1948	40	6	40	1,701	20.9 15.7	July 7, 1953 Mar. 20, 1967	C, W	S	Water reported from gray streak in the redbeds. Well P-29 of Bulletin 5418.
711	T. E. Rushing	Ed Chapman	1966	62	23	35	1,702	20.2	May 18, 1967	N	N	Unused irrigation well. Seep water reported at 18 to 19.5 feet in sand and gravel; main water reported from "blue shale" breaks at 19.5 to 52 feet. Yield reported 35 gpm.
* 712	L. H. Huncy	--	1955	60	6	--	1,703	23.7	do	J, E	D	Water reported at 58 feet from break in redbeds.
713	Raymond Spraberry	Ed Chapman	1966	85	4	20	1,681	6.7	Mar. 20, 1967	N	N	Water reported at 60 feet from gray break in the redbeds.
714	do	do	1966	80	5-1/2	80	1,679	16.0	do	C, W	S	Small amounts of water reported from "blue shale" breaks at 35 to 36 and 72 to 73 feet.
* 715	Beiford M. Spraberry	--	--	60	6	60	1,661	8.8	Mar. 22, 1967	C, W	S	--
* 716	T. E. Rushing	Ed Chapman	1966	62	23	22	1,702	18.8	May 18, 1967	Cf, E, 2	Irr	Small amount of water reported at 18 to 19.5 feet in sand and gravel; main water reported from "blue shale" at 38 to 60 feet. Yield reported 50 gpm.
* 717	R. S. Spraberry	Mr. Hill	1945	70	6	70	1,683	20.3	Mar. 22, 1967	J, E	D, S	Water reported at 52 feet from break in the redbeds.
718	do	Mr. Wallace	1952	30	6	30	1,662	21.3	do	C, W	S	Water reported from sand and gravel at 26 to 30 feet.
* 719	Vernon Spraberry	--	--	Seep	--	--	1,642	(+)	Apr. 6, 1967	--	N	--
* 720	do	--	--	Seep	--	--	1,642	(+)	do	--	N	--
* 721	do	Frank Hill	1943?	40	6	10	1,650	5.9	do	C, N	N	--
* 722	do	do	1943	50	6	10	1,659	20.6 8.3	July 8, 1953 Apr. 6, 1967	C, H	N	Water reported from breaks in redbeds at about 36 and 40 feet. Well P-18 of Bulletin 5418.
* 723	do	do	1943	50	5	50	1,649	7.1	do	J, E	D, S	Water reported from breaks in redbeds at about 36 and 40 feet.
* 724	Tommie Adkins	P. A. Lynn	--	62	6	62	1,665	14.9	do	J, E	D	Water not used for human consumption. Water reported from breaks in redbeds at about 32 feet and somewhat deeper.
* 725	do	--	--	62	6	30	1,672	17.3	do	C, W	S	Water reported from break in redbeds.
* 726	Mrs. Thomas C. Moss	Frank Hill	1960	60	6	60	1,681	29.5	Apr. 24, 1967	J, E	D, S	Water reported from light gray streak in the redbeds at 46 to 48 feet. Yield reported 25 gpm.
727	do	do	1955	60	6	60	1,683	27.5	do	J, E, 1.5	Irr	Water reported from light gray streak in the redbeds at 46 to 48 feet. Yield reported 25 gpm.
* 728	do	do	1957	60	6	30	1,682	31.3	do	J, E	D, S	Water reported from light gray streak in the redbeds at 45 to 50 feet. Yield reported 20 gpm.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASTING		WATER BEARING UNIT	ALTITUDE OF SURFACE (ft.)	RELIGION LAND-SURFACE DATUM (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)				DATE OF MEASUREMENT	HEIGHT OF SURFACE (ft.)			
* 30-10-729	Mrs. Thomas G. Moss	Frank Hill	--	60	6	20	Pcfv	1,680	30	Apr. 24, 1967	C, E	N	--	
* 730	do	--	--	56	6	--	Qs	1,668	7.5	May 17, 1967	N	N	--	
* 731	W. M. Wright	Frank Hill	1947	45	5-1/2	15	Pcfb	1,681	43.0	May 8, 1967	C, W	S	Water reported from white streak in the redbeds.	
* 732	do	--	1949	45	--	--	Pcfb	1,679	30.8	do	S, E	D, S	Dug well. Water reported from break in the redbeds.	
* 733	Bill Wright	--	1934	96	5	--	Pcfb	1,680	32.5	do	C, N	N	--	
* 734	Bland Harper	P. A. Lynn	1964	21	6	15	Pcfv	1,643	12.6	do	N	N	--	
* 735	Jimmie Lee Gordon	Frank Hill	1959	100	5	100	Pcfb	1,594	29.9	do	C, W	S	--	
* 736	Viva Wright	--	--	31	--	--	Pcfv	1,653	7.5	do	C, W	S	Dug well.	
* 737	D. B. Fletcher	--	--	38	5	38	Pcfv	1,682	30.7	do	J, E	D, S	--	
* 738	Emmer Sims	Frank Hill	1952	45	6	--	Pcfb	1,685	36.6	May 9, 1967	N	N	Water reported from streak in redbeds.	
* 739	W. M. Wright	--	1927?	19	--	--	Pcfv	1,630	6.0	May 8, 1967	N	N	Dug well.	
* 740	do	-- Wallace	1955	45	6	45	Pcfv	1,649	23.1	do	C, W	S	Water level is a pumping level.	
* 741	T. E. Rushing	Obey Scott	1945	56	7	56	Pcfv	1,700	23.2	May 18, 1967	J, E	D, S	Small amount of water reported in sand at 17 to 20 feet; main water reported from breaks in redbeds at 35 and 48 feet. Yield reported 20 gpm.	
* 742	do	Ed Chapman et al.	1963	56	10-1/2	48	Pcfv	1,700	22.5	do	C, W	N	Do.	
* 801	L. D. ApLin	--	--	27	--	--	Qs	1,746	18.0	Mar. 22, 1967	J, E	D	Dug well.	
* 802	J. V. Griffith	--	--	32	--	--	Qs	1,746	13.7	do	C, W	D	Do.	
* 803	C. H. H. Boehning	--	1956	55	5	55	Pcfv	1,683	6.4	Mar. 17, 1967	N	N	--	
* 804	Stamford Cotton and Oil Company	--	1926	70	--	70	Qs	1,744	18.6	Mar. 22, 1967	J, E	Ind	Well used at the Funston Gin. Originally a dug well; drilled deeper and cased from 30 to 70 feet.	
* 805	do	--	1951	25	--	--	Qs	1,746	17.2	do	J, E	D	Dug well. Water reported from sand and gravel at 19 to 25 feet. Yield reported greater than 25 gpm.	
* 806	A. L. Spraberry	-- Hill et al.	1954	65	8	60	Pcfv	1,721	21.9	do	J, E	S	--	
* 807	A. A. McDuff	--	--	Seep	--	--	Qs	1,720	11	do	N	N	Seep in gravel pit. Water level estimated 11 feet below normal ground level.	
* 808	Luke Finley	--	--	50	6	50	Qs	1,742	20	July 8, 1953	J, E	D	Originally a dug well; deepened and cased from 28 to 50 feet. Well G-3 of Bulletin 3418.	
* 809	do	--	--	50	4	50	Qs	1,741	17.1	do	J, E	N	--	
* 810	do	--	--	50?	3-1/2	--	Qs	1,741	17.2	Apr. 3, 1967	C, N	N	--	
* 811	D. E. Doty	--	1961	90	6	90	Pcfv	1,701	68.8	Apr. 4, 1967	J, E	S	--	
* 812	do	--	--	69	6	69	Pcfv	1,698	48.0	do	C, W	S	--	
* 813	Gene Pittard et al.	Ed Chapman	1966	32	10-3/4	32	Qs	1,651	12.8	do	S, E	D, S	Water reported from sand and gravel at 25 to 30 feet. Yield reported 30 gpm.	

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (FE)	CASING		ALTITUDE OF LAND SURFACE (FE)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN.)	DEPTH (FE)		BELOW SURFACE DATUM (FT)	DATE OF MEASUREMENT			
* 30-10-814	Gene Pitstead et al.	Frank Hill	1959	42	6	42	1,651	12.7	Apr. 4, 1967	J, E	N	Water reported from sand and gravel at 16 to 21 and 35 to 42 feet.
815	do	--	1940?	50	--	50	1,649	13.3	do	C, W	N	Water reported from sand and gravel at 20 to 25 feet.
816	do	Jim Barrett	1895?	45	--	--	1,651	13.1	do	C, W	N	--
817	J. H. Fry	--	--	29	6	29	1,672	17.1	do	C, W	N	--
* 818	Alma McIlwain	Jack Bradshaw	1955	46	5	--	1,723	18.5	do	C, W	S	--
819	do	Ed Hill	1951	37	5	37	1,743	19.0	do	N	N	--
* 820	do	do	1953	40	5	40	1,742	--	--	J, E	D, S	--
* 821	C. W. H. Boehning	Ed Chapman	1967	40	--	--	1,689	15.2	Apr. 21, 1967	N	D	Well not completed when sampled. Water reported from "blue shale" at 38 to 39 feet.
* 822	Hessel Spraberry	Frank Hill	1951	58	6	58	1,701	15	do	J, E	D	Water reported from sand and gravel at 55 feet.
* 823	do	do	1941	58	5	58	1,695	14.3	do	J, E	D, S	Do.
824	J. L. Roberts estate	--	1925?	40	5	40	1,623	16.7 11.2 9.7	July 8, 1953 Jan. 23, 1967 Jan. 13, 1969	C, W	D, S	Well G-2 of Bulletin 5418. J
* 825	Tom S. Brand	--	--	21	--	--	1,734	13.6	May 18, 1967	C, N	N	Dug well.
* 826	M. E. Carothers	"Jap" Spraberry	--	30	--	--	1,649	10.8	May 30, 1967	N	N	Do.
* 901	A. A. McDuff	--	--	25	--	--	1,739	20.0	July 7, 1953	J, E	D, S	Dug well. Water reported from fine sand at about 15 feet. Well G-4 of Bulletin 5418. J
902	R. G. Rowell	Jess Whitaker	1951	35	6	20	1,739	16.0	Mar. 22, 1967	J, E	D, S	Water reported from fine white sand and gravel at 15 to 25 feet.
* 903	Thomas C. Harrell	--	1963	95	3	--	1,658	65	Apr. 21, 1967	C, W	D, S	Do.
* 904	do	--	1921	66	--	--	1,660	33.4	do	N	N	Do.
* 905	Mrs. O'Neil Roberts	--	1936	26	--	--	1,622	24.5 11.2	July 7, 1953 Aug. 30, 1967	C, W	D, S	Dug well. Well G-5 of Bulletin 5418. J
906	do	--	1936+	30	6	--	1,623	12.5	do	C, N	N	--
* 11-201	R. T. Taylor	--	1904	33	--	--	1,538	17.3	May 31, 1967	J, E	S	Dug well. Water reported from sand and gravel.
* 501	State of Texas	--	--	Seep	--	--	1,590	(+)	Apr. 5, 1967	N	N	Seep in sand and gravel outcrop in north ditch of Farm Road 1597.
* 601	C. F. Webb	--	1926?	85	8	85	1,579	65.9	do	C, N	N	--
* 602	O. S. Burkman	--	--	8	--	--	1,528	7.5	Apr. 21, 1967	N	N	Do.
* 603	do	R. A. Lambert	1960	11	--	--	1,528	--	--	Cf, G	D	Seep in creek excavated to depth of 11 feet.
* 901	G. W. Hart	--	--	30	12	--	1,542	--	--	S, E	D, S	--
* 902	do	--	1963	Spring	--	--	1,522	(+)	--	N	S	Spring excavated to depth of 12 feet.
* 12-401	J. B. Kincaid	J. B. Kincaid	1947	19	--	--	1,521	17.6	May 18, 1967	N	N	Dug well.
* 408	G. W. Hansen	G. W. Hansen	1967	6	--	--	1,522	1.2	Apr. 21, 1967	C, G	S	Dug well. Water reported from very porous limestone at 5 to 6 feet. Yield reported greater than 20 gpm.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- 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			
30-12-409	G. W. Hansen	--	--	Spring	--	--	Pw1	1,518	(+)	Apr. 21, 1967	--	S	Spring flows from gray porous limestone. Discharge estimated greater than 20 gpm.
* 410	do	G. W. Hansen	1952	6	--	--	Pw1	1,521	2.6	do	N	S	Dug well. Yield estimated 20 gpm.
* 411	W. G. Stemsom	--	--	Seep	--	--	Pw1	1,520	20	do	N	N	Seep issues from Lueders limestone in quarry, about 20 feet below normal ground surface. Discharge estimated 5 to 10 gpm.
* 702	E. D. Davis	James H. Nyles Drilling Company	1958	35	7	--	Pw1	1,527	14.5	Feb. 16, 1967	J, E	D, S	Drilled to replace well H-1 of Bulletin 5418, located 10 feet north, which caved in.
* 703	G. W. Hart	--	--	Spring	--	--	Qs	1,517	(+)	Feb. 16, 1967	N	S	Excavated spring.
* 704	do	--	--	Spring	--	--	Qs	1,525	(+)	do	N	S	Do.
* 705	G. C. Cooley	--	--	18	8-5/8	--	Pw1	1,529	15.2	Mar. 15, 1967	J, E	S	--
* 706	W. F. Baker	--	1900?	5	--	--	Qa1	1,551	3.4	Apr. 5, 1967	N	N	Dug well. Water reported from sand and gravel.
* 17-101	Earl Scott	--	1918	32	--	--	Qs	1,821	36.6	July 9, 1953	N	N	Well F-45 of Bulletin 5418, now destroyed (Oct. 1967).
* 102	E. O. White	--	1892?	49	--	--	Qs	1,826	11.8	Oct. 17, 1967	C, W, E	D, S	Dug well.
* 103	E. F. Scott	Frank Hill	1958	42	--	--	Qs	1,822	25	Jan. 24, 1968	C, E	D, S	Water reported at 40 feet in sand and gravel. This well replaced well 30-17-101, now destroyed.
* 104	do	do	1961	43	5	43	Qa	1,814	22.8	Jan. 15, 1968	C, W	S	Water reported at about 40 feet in sand and gravel.
* 105	do	do	1952	62	8-1/4	62	Qs	1,824	36.0	Oct. 19, 1967	N	N	Abandoned industrial well, used as water source during drilling of an oil test.
* 106	do	do	1952	60	6-1/2	60	Qs	1,813	28.3	do	N	N	Do.
* 107	do	--	--	95	--	--	Qa	1,795	30.2	July 9, 1953	J, E	D, S	Dug well. Well F-46 of Bulletin 5418.
* 108	W. R. Littlefield	--	--	44	8	44	Qa	1,890	40.9	Oct. 19, 1967	N	N	Well F-32 of Bulletin 5418.
* 109	Hoke Propst	--	--	25	6	--	Qa	1,790	17.1	Nov. 14, 1967	C, W	N	--
* 110	do	--	1959	54	7	54	Qs	1,805	17.6	Jan. 15, 1968	J, E	D, S	Dug well. Supplies dairy. Minor amount of water reported at 49 to 50 feet from red sand; main water encountered at 74 to 76 feet in red sand. Yield reported 8 gpm.
* 111	--	--	--	48	--	--	Pefc	1,755	6.2	do	C, W	N	--
* 112	J. R. Miller	C. C. Justiss, Jr.	1966	95	5-1/2	91	Pefc	1,784	24.2	Jan. 26, 1968	J, E	D, S	Supplies dairy. Minor amount of water reported at 49 to 50 feet from red sand; main water encountered at 72 to 76 feet in red sand. Yield reported 12 gpm.
* 113	do	do	1966	95	5-1/2	93	Pefc	1,785	27	Nov. 12, 1966	S, E	D, S	Unused irrigation well. Water reported from sand and gravel at 23 to 31 feet. Yield reported greater than 50 gpm.
* 114	do	do	1967	70	8-5/8	38	Qs	1,792	23	Aug. 25, 1967	N	N	--

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- 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			
30-17-115	Byler-Scott Management	--	1959	3,240	10	120	Tpfc	1,769	--	--	N	N	Abandoned industrial salt water supply well, formerly used in oil field waterflood operation.
116	E. O. White	--	1954	20	5	20	Qs	1,825	10.4	Oct. 17, 1967	N	N	--
201	Kenneth Herndon	--	--	59	5-1/2	--	Pefc	1,750	28.0	Feb. 7, 1967	C, W	S	--
202	do	F. A. Lynn	1965	39	5-1/2	39	Pefc	1,751	12.0	do	N	N	Originally near 100 feet deep; partly filled by stream overflow.
203	do	do	1965	22	6-3/4	22	Pefc	1,755	6.9	do	N	N	Do.
204	Nina Carmon	do	1956	120	6	120	Pefc	1,783	45	Oct. 17, 1967	J, E	D, S	Water reported from breaks in the redbeds at 65, 99, and 110 feet. Well F-30 of Bulletin 5418.J, now abandoned, was just south of this well.
205	T. R. Busby	--	--	28	--	--	Pefc	1,783	18.0	July 9, 1953	J, E	S	Dug well. Well F-44 of Bulletin 5418.J Yield reported 100 gpm.
206	J. C. Rainwater, et al.	Slim Wallace	1956	84	6	--	Pefc	1,803	35.8	Jan. 15, 1968	C, W	S	--
207	Hoke Propst	--	--	29	5	--	Pefc	1,729	2.6	Nov. 13, 1967	J, E	D, S	Water not used for human consumption.
208	do	--	--	31	6	--	Pefc	1,740	8.9	Nov. 14, 1967	C, H	N	--
209	do	--	--	28	--	--	Pefc	1,755	19.4	July 9, 1953	C, W	D, S	Dug well. Well F-31 of Bulletin 5418.J
210	do	-- and P. A. Lynn	--	93	7	--	Pefc	1,800	61.7	July 14, 1953	C, W	D, S	Originally 78 feet deep; later deepened. Well F-34 of Bulletin 5418.J
211	C. L. Stevens	Mr. Mudd	--	75	7	75	Qs	1,802	26	Nov. 14, 1967	J, E	D	A twin to well F-43, now destroyed, of Bulletin 5418.J Water reported from sand and gravel.
212	Herman T. Steel	--	--	26	--	--	Qs	1,800	18.5	Jan. 15, 1968	C, W	S	Dug well. Well F-49, now caved, of Bulletin 5418.J was 5 feet east of this well.
213	Wood and Hill Corporation	Jack Leonard	1967	98	7	98	Pefc	1,734	16.8	Jan. 10, 1969	S, E, 1/2	Ind	Fresh water supply well used in oil field waterflood operation. Water reported from "cracked" (fractured?) shale at 46 to 47 feet. Yield reported 15 gpm.
214	do	McCarrell and Son	1967	60	7	60	Pefc	1,780	22.4	Nov. 14, 1967	S, E, 1	Ind, S	Fresh water supply well used in oil field waterflood operation. Water reported from break in red shale at 40 to 45 feet. Yield reported 40 gpm.
215	do	do	1967	66	7	66	Pefc	1,782	15	Aug. 13, 1967	S, E, 3/4	Ind	Fresh water supply well used in oil field waterflood operation. Water reported from break in red shale at 45 to 48 feet. Yield reported 30 gpm.
216	do	do	1967	66	7	66	Pefc	1,785	15	Aug. 14, 1967	N	N	Unused industrial fresh water supply well planned for use in oil field waterflood operation. Water reported from break in red shale at 45 to 45 feet. Yield reported 20 gpm.
217	do	do	1967	51	7	51	Pefc	1,776	15	Feb. 25, 1967	S, E, 1/2	Ind	Fresh water supply well used in oil field waterflood operation. Water reported from break in red shale at 40 to 41 feet. Yield reported greater than 10 gpm.
218	do	do	1967	53	7	53	Pefc	1,744	15	Feb. 24, 1967	S, E, 1/2	Ind	Fresh water supply well used in oil field waterflood operation. Water reported from break in red shale at 25 to 26 feet. Yield reported 5 gpm.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING			ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (In.)	DEPTH (ft)	WATER BEARING UNIT		BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
30-17-219	Wood and Hill Corporation	McCarrell and Son	1967	52	7	51	Qc	1,780	15	Feb. 23, 1967	N	Unused industrial fresh water supply well planned for use in oil field waterflood operation. Water reported from break in red shale at 39 to 40 feet. Yield reported 2 gpm.	
220	do	do	1967	67	7	67	Pcfc	1,780	13.6	Mar. 14, 1967	S, E, 1	Fresh water supply well used in oil field waterflood operation. Water reported from break in red shale at 40 to 45 feet. Yield reported 40 gpm.	
221	do	do	1967	53	7	53	Pcfc	1,790	15	Feb. 27, 1967	S, E, 1/2	Fresh water supply well used in oil field waterflood operation. Water reported from break in red shale at 40 to 41 feet. Yield reported 20 gpm.	
* 301	Robert B. Rowland	Frank Hill	1962	31	7-3/4	12	Qc	1,774	--	--	N	Water reported at 18 feet in sand and gravel. Water reported to have very high iron content.	
* 302	do	--	--	45	4	--	Pcfc	1,780	11.8	Jan. 13, 1967	Cf, E	--	
* 303	do	Ed. L. Chapman	1963	85	10	20	Pcfc	1,775	13.4	Jan. 12, 1967	J, E	Water reported encountered at 18 feet in sand and gravel (cased off), and at about 55 to 60 feet. Yield reported 8 to 10 gpm.	
* 304	Alton Garrett	--	--	75	5	35	Pcfc	1,805	24.9	Jan. 10, 1967	N	Yield reported 50 gpm.	
305	do	Jim Rea	1964	65	16	35	Pcfc, Qc?	1,806	25.1 24.5 23.5	Jan. 12, 1967 Jan. 11, 1968 Jan. 13, 1969	N	Unused irrigation well. Water reported encountered at 57 feet in break in the redbeds. Yield reported 120 gpm.	
* 306	R. H. Johnson estate	--	--	30	--	--	Qc	1,782	27.8	Feb. 7, 1967	J, E	Dug well.	
* 307	W. L. Shirley estate	--	--	23	--	--	Qc	1,779	16.8	do	J, E	Do.	
* 308	L. H. Herndon	--	--	60	5	30	Qc	1,766	18.9	do	J, E	--	
* 309	do	J. F. Hill	1953	36	5	18	Qc, Pcfc	1,780	21.9	do	J, E	Main water reported at 30 feet in break in the redbeds.	
310	do	do	1943?	60	--	18	Qc	1,785	--	--	J, E	--	
* 311	Gene Scott	--	--	50	--	--	Qc	1,802	28.4 28.8 27.8	Feb. 7, 1967 Jan. 16, 1968 Jan. 13, 1969	J, E	Dug well.	
312	G. B. Sasser	--	--	--	--	--	Qc	1,810	--	--	J, E	--	
313	T. Simmons	--	1954	45	6	45	Pcfc	1,700	28.5	Mar. 21, 1967	J, E	--	
* 314	Joe A. Morrow	Obey Scott	1946?	60	6	--	Pcfc	1,690	29.0	Mar. 20, 1967	J, E	--	
* 315	do	P. A. Lynn	1963	60	11-1/2	25	Pcfc	1,705	32.6	do	S, E, 3/4	Yield reported 35 gpm.	
316	do	do	1963	46	11-1/2	4	Pcfc	1,711	33.0	do	N	--	
317	Mrs. E. F. Simmons estate	Frank Hill	1955	45	6	20	Pcfc	1,690	16.8	Mar. 20, 1967	J, E, 3/4	Water reported from red and gray shale (dolomite?) at 37 feet.	
318	do	do	1955	45	6	20	Pcfc	1,692	16.5	do	J, E, 1/2	Water reported from red and gray shale (dolomite?) at 37 feet. Yield reported 20 gpm.	
* 319	Arden Beasley	Hollis Davis	1964	47	12-3/4	47	Qc	1,790	33.4	Mar. 2, 1967	T, C	Yield reported 450 gpm.	

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASINGS		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF MEASUREMENT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE WATER (ft)	DATE OF MEASUREMENT			
* 30-17-320	J. E. Nix	Ed Chapman	1965	85	5-1/2	30	PcFb	1,763	36.8	June 9, 1967	J, E	D	Water reported from blue shale (dolomite?) at 27 to 28 feet and from blue "honeycombed shale" (dolomite?) at 76 to 78 feet.
* 321	Jesse H. Adcock	--	--	30	--	--	Qs	1,781	18.0	Aug. 25, 1967	J, E	D	Dug well.
* 322	Griff Barnett	Jim Rea	1963	47	12-3/4	47	Qs	1,802	41.8	Sept. 25, 1967	S, E, 1	Irr	Water reported from sand and gravel at 25.5 to 46.5 feet. Yield reported 80 gpm.
* 323	do	do	1963	45	12-3/4	45	Qs	1,805	43.3	do	S, E, 1/2	N	Unused irrigation well. Water reported from about 15 feet of sand and gravel at about 30 to 45 feet. Yield reported 10 to 12 gpm.
* 324	do	do	1963	42	12-3/4	42	Qs	1,802	42.9	do	S, E, 1	Irr	Water reported from sand and gravel at 26.5 to 41.5 feet. Yield reported 38 gpm.
* 325	Charlie Herndon	Ed Chapman	1963	80	7	80	Qs	1,821	47.9	Oct. 10, 1967	J, E	D, S	Water not used for human consumption. Water reported from sand and gravel at about 60 feet.
* 326	do	Frank Hill	1965?	48?	7	48	Qs	1,818	36.5	do	C, W, J, E	D, S	--
* 327	Mrs. A. L. Rainwater	--	--	80	6	80	Qs, PcFb	1,811	4.5	Oct. 17, 1967	C, E	D, S	--
* 328	do	P. A. Lynn?	--	60	6	60	Qs	1,811	40	do	C, E	N	Water reported from sand and gravel.
* 329	do	Mr. Mudd	1960	65	6	65	PcFb	1,810	33.9	Jan. 15, 1968	C, H	N	Water reported from break in the redbeds.
* 330	Joe V. Boyd	--	--	14	--	--	Qs	1,761	12.6	June 17, 1953	C, E	S	Dug well. Water reported from sand and gravel at about 10 feet. Well F-35 of Bulletin 5418. <u>J</u>
* 331	City of Anson	--	1952	88	8	30	PcFb	1,710	1.6	Nov. 9, 1967	T, E, 5	P	Supplies the city swimming pool. Well F-22 of Bulletin 5418. <u>J</u> Yield reported 200 to 300 gpm. Observation well.
* 332	Raymond Russell	Frank Hill	1957	45	5-1/2	--	PcFb	1,728	18.1	do	J, E	D, S	--
* 333	do	--	--	36	6	--	PcFb	1,728	8.3	June 22, 1953	Cf, E	D	Well F-37 of Bulletin 5418. <u>J</u>
* 334	Raymond Moore	P. A. Lynn	1963	63	8	63	PcFb	1,735	19.4	do	S, E, 5	Irr	Water reported at 20, 40, and 60 to 63 feet in red caliche streaks. Yield reported 150 gpm.
* 335	Donald Blankenship	Jess Whittaker	1952	50	6	--	Qs, PcFb	1,746	15.1	Nov. 10, 1967	J, E	D	Well F-36 of Bulletin 5418. <u>J</u>
* 336	do	--	--	35	--	--	Qs	1,744	10.2	do	Cf, E, 1, 3	Irr	Dug well. Water reported at 31 feet from sand. Yield reported 86 gpm.
* 337	Junior Neek	Ed L. Chapman	1965	30	12-3/4	30	Qs	1,780	19.8	Jan. 3, 1968	N	N	Irrigation well. Temporarily unused. Water reported from sand and gravel at 18 to 28 feet. Yield reported 150 gpm.
* 338	do	do	1964	55	10	12	PcFb	1,649	35.0	do	J, E	S	Water reported from blue clay streaks at 30 to 32 and 40 to 42 feet.
* 339	W. E. Scott	--	--	Spring	--	--	Qs	1,710	(+)	Mar. 18, 1968	--	N	Spring discharge reported 10 to 15 gpm.
* 340	Bob Clark	Ed Chapman	1955	55	16	--	PcFb	1,683	--	--	N	N	Unused fresh water supply well formerly used in oil field waterflood operation. Water reported from sand and gravel at 18 to 22 feet. Yield reported 60 gpm.
* 401	Helmerich and Payne, Incorporated	White Eagle Oil Company	1958	34	8-1/4	30	Qs	1,722	17	Nov. 23, 1959	N	N	Unused fresh water supply well formerly used in oil field waterflood operation. Water reported from sand and gravel at 18 to 22 feet. Yield reported 60 gpm.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	BELOW LAND-SURFACE DATUM (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)				DATE OF MEASUREMENT	MEASUREMENT			
30-17-402	A. R. Berry	--	1953	70	8-1/4	70	Qs, Pcfv	1,724	50 16.6 13.9	Nov. 23, 1959 Jan. 16, 1968 Jan. 10, 1969	N	N	Abandoned industrial well formerly used as water source during oil field drilling operation. Yield reported 60 gpm.	
* 403	D. G. Mitchell	L. H. Moore Drilling Company	1959?	72	7-7/8	72	Qs	1,725	50 14	Nov. 23, 1959 Oct. 19, 1967	S, E, J	Ind, S	Industrial fresh water supply well. Water is sold to nearby water users in oil field waterflood operation. Water reported from a "blue shale". Yield reported 75 gpm.	
* 404	R. J. Bartlett estate	P. A. Lynn	1956	56	9	--	Qs	1,720	5.8 10.5	Mar. 7, 1968 Jan. 10, 1969	T, E, L, S	Irr	--	
* 405	Frank C. Barron	--	--	106	6	45-106	Qs, Pcfv	1,719	17.8	Oct. 10, 1967	T, E, J	D, S	Originally dug to 45 feet, later deepened and 6-inch casing set from 45 to 106 feet.	
* 406	do	--	--	84	6	84	Qs, Pcfv	1,717	12.1	Jan. 16, 1968	N	N	Dug well which was later deepened; 6-inch casing is set from 12 to 84 feet.	
* 407	Ben Niedecken, Jr.	Creslenn Oil Company	1961	70	6	70	Qs	1,728	14.6	Oct. 18, 1967	S, E, J	Irr, S	Water reported from sand and gravel at about 20 and 65 to 70 feet. Yield reported 70 gpm.	
* 408	D. G. Mitchell	--	1916	35	--	--	Qs	1,744	16.3	Oct. 19, 1967	J, E	D, S	Dug well.	
* 409	do	Jack Leonard	1966	76	8-3/4	76	Qs, Pcfv	1,725	13.7	do	S, E, J	Irr	Water is occasionally sold to an oil company for waterflood operations. Water reported from cavity in shale at 66 to 67 feet. Yield reported 50 gpm.	
† 410	Humble Oil and Refining Company	--	1960	6,082	10-3/4 7	133 5,872	Ch	1,760	--	--	C, N	N	Abandoned industrial salt water supply well, formerly used in oil field waterflood operation. Yield reported 105 gpm.	
* 411	Hoke Propst	--	--	82	5-1/2	--	Pcfv	1,755	11.2	Nov. 14, 1967	C, W	D, S	Well P-57 of Bulletin 5418. J	
* 412	Helmerich and Payne, Incorporated	White Eagle Oil Company	1958	34	8-1/4	30	Qs	1,722	16	Nov. 22, 1967	N	N	Unused industrial fresh water supply well, formerly used in oil field waterflood operation. Water reported from sand and gravel at 18 to 22 feet. Yield reported 60 gpm.	
* 413	A. R. Berry	--	--	80	--	--	Qs	1,725	17.6	Nov. 21, 1967	J, E	D, S	Dug well.	
* 414	Helmerich and Payne, Incorporated	White Eagle Oil Company	1958	34	5	30	Qs	1,722	16	Nov. 22, 1967	N	N	Unused industrial fresh water supply well, formerly used in oil field waterflood operation. Water reported from sand and gravel at 18 to 22 feet. Yield reported 60 gpm.	
415	do	do	1958	34	12	30	Qs	1,722	16	do	N	N	Do.	
416	do	do	1958	34	12	30	Qs	1,722	16	do	N	N	Do.	
* 501	W. C. Lepard	Ed Chapman	1967	70	5-1/2	5	Qs, Pcfv	1,725	22.9 10.3	Oct. 10, 1967 Jan. 10, 1969	J, E	S	Minor amount of water reported from sandy shale at about 32 feet; main water reported from break in the redbeds at 58 feet. Yield reported 8 to 10 gpm.	
502	do	do	1965	110	5-1/2	60	Qs, Pcfv	1,724	9.4 + 0.7	Jan. 24, 1968	C, W	N	Water reported from blue clay streaks at 32 to 33 and 58 to 59 feet.	
503	do	--	--	58	--	--	Qs, Pcfv	1,722	19.4	Oct. 10, 1967	C, W	S	Dug well. Yield reported 5 gpm.	
* 504	do	--	1956?	70	6	70	Pcfv	1,723	32.0	do	J, E	D, S	Water reported at 58 feet in break in the redbeds. Yield reported 5 gpm.	
* 505	do	Ed Chapman	1966	73	24	46	Pcfv	1,724	40.6 37.8	Jan. 10, 1969	S, E, J	Irr	Water reported at 48 to 48.5 feet in blue shale and 67 to 69.5 feet in a "thousand" blue shale. Yield reported 38 gpm. Observation well.	

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER BEARING UNIT	ALTITUDE BELOW SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN.)	DEPTH (FT)			BELOW LAND-SURFACE DATUM (FT)	DATE OF MEASUREMENT			
30-17-506	W. C. Leopard	Ed Chapman	1966	68	10-3/4	68	PcFb	1,721	35.3	Oct. 10, 1967	S, E, 2	Irr	Water reported at 47 to 48 and 65 to 67 feet in blue shale. Yield reported 40 gpm.
507	H. K. Clifton	do	1963	60	7	20	PcFb	1,760	37.1	do	T, E, 2	N	Unused irrigation well. Water reported from break in the redbeds at 46 feet. Yield reported 60 gpm.
508	do	--	--	40	--	--	PcFb	1,761	37.1	do	C, W, J, E	S	Dug well.
509	do	H. K. Clifton	1954	60	8	20	PcFb	1,761	35.9	do	T, E, 2	Irr	Water reported at about 46 feet in break in the redbeds. Yield reported 60 gpm.
510	J. M. Grisham	--	--	42	8	--	Qs	1,740	16.1	do	C, H	N	--
511	L. G. Vasser	Frank Hill	1962	74	6	17	Qs	1,782	39.9	Oct. 13, 1967	J, E	D	Water reported from sand and gravel at 63 feet.
512	T. R. Busby	--	--	40	--	--	Qs	1,706	23.9	June 17, 1953	C, W	N	Dug well. Well F-60 of Bulletin 5418. J
513	do	Slim Wallace	1955	60	6	60	Qs	1,706	19.8	Oct. 19, 1967	J, E	S	--
514	Ike Propat	--	--	50	5-1/2	50	PcFb	1,707	17.3	Nov. 16, 1967	C, W	D, S	--
601	Ben D. Elliott	Slim Wallace	1954	92	6	92	PcFv	1,770	64.1	Jan. 24, 1967	C, E	D, S	Main water reported at 70 to 80 feet in break in redbeds.
602	do	--	--	40	--	--	Qs	1,770	30.0	do	C, W	N	Dug well.
603	do	--	--	54	--	--	Qs	1,765	30.4	June 24, 1953	N	N	Dug well. Well F-62 of Bulletin 5418. J
604	Ben White	Jess Whitaker	1950	80	6	80	Qs	1,783	37.1	July 6, 1967	J, E	D, S	Water not used for human consumption.
605	Pete Lollar	--	--	70	5	--	Qs	1,812	45.6	July 31, 1953	C, E	S	Well F-55 of Bulletin 5418. J
606	Burl Burleson	--	--	80	6	--	Qs	1,782	36.6	Nov. 13, 1967	C, N	N	--
607	do	Obey Scott	1948	40	6	--	Qs	1,782	39.0	June 24, 1953	C, W	N	Well F-63 of Bulletin 5418. J
608	Ray Selman	P. A. Lynn	1962	93	7	54	PcFv	1,787	54.9	July 6, 1967	J, E	D, S	Minor amount of water reported in sand and gravel at 40 to 50 feet; main water in blue dolomite streak. Yield reported 5 gpm.
609	R. H. Nowell	do	1962	105	6	54	PcFv	1,787	57.9	do	J, E	D, S	Minor amount of water reported in sand and gravel at 40 to 50 feet; main water in blue dolomite streak. Yield reported 5 gpm.
610	do	do	1962	105	6	54	PcFv	1,790	63.4	do	C, W	S	Do.
611	J. R. Castleberry	do	1963	90	5	90	Qs	1,821	61.6	Oct. 10, 1967	C, H	N	Water not used for human consumption. Water reported at about 75 feet from sand and gravel.
612	J. H. Carter	Ed Chapman	1967	90	5-1/2	90	Qs	1,800	60.1	Jan. 16, 1968	S, E	D, S	Water reported at 65 to 75 feet from sand and gravel. Yield reported 7 to 8 gpm.
613	do	Mr. Isable	1965?	110	6	110	Qs, PcFv	1,799	68.6	Oct. 11, 1967	N	N	Minor amount of water reported at about 50 feet in sand and gravel; main water reported below 70 feet in break in red shale.
614	Q. Dyer	Ed Chapman	1965	80	6-5/8	80	Qs	1,781	60	Oct. --, 1965	N	N	Water reported at 70 to 79 feet in sand and gravel. Yield reported 4 to 5 gpm.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- 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			
* 30-17-615	Jake Hollis	--	--	54	--	--	Qs	1,782	37.3	Oct. 11, 1967	J, E	D, S	Dug well.
* 616	do	Alvis Cox	1957	90	5-1/2	90	Qs, Pcfb	1,780	38.7 41.5	Jan. 24, 1968 Jan. 14, 1969	C, W	S	Water reported at 20 to 25 and 50 to 55 feet in sand and gravel. Main water reported at 80 to 88 feet in fine red sand.
* 617	Jim Mannis	--	--	39	--	--	Qs	1,775	35.2	Oct. 13, 1967	J, E	D	Dug well.
* 618	L. G. Gatewood	P. A. Lynn	1958	95	5	95	Qs, Pcfb	1,742	51.1	Oct. 16, 1967	J, E	S	Water not used for human consumption. Small amount of water reported at 40 feet in sand and gravel; main water reported at 70 feet in break in the redbeds.
* 619	A. J. Smith, Jr.	--	--	78?	6	78	Qs	1,782	34.4	do	C, H	N	--
* 620	do	--	--	95	6	95	Qs	1,780	69.7	do	C, W	S	Water level is a pumping level.
* 621	do	--	1933?	51	--	--	Qs	1,782	19.2 11.2 11.3	June 24, 1953 Jan. 15, 1968 Jan. 14, 1969	J, E	S	Dug well. Well F-56 of Bulletin 5418.1/
* 622	do	--	--	48	--	--	Qs	1,790	14.3	Oct. 16, 1967	C, H	N	Dug well.
* 623	E. P. Warren	--	--	57	--	--	Qs	1,775	36.6	July 31, 1953	J, E	D, S	Dug well. Well F-66 of Bulletin 5418.1/
* 701	Herman A. Reeves	Hollis Davis	1962	65	13	25	Qs	1,793	17.8	Feb. 27, 1967	S, E, 3	Irr	Water reported from sand and gravel at 15 to 25 feet. Yield measured 103 gpm.
* 702	do	do	1962	65	13	25	Qs	1,791	17.7	do	S, E, 3	Irr	Water reported in very coarse gravel at 15 to 25 feet. Yield measured 217 gpm.
* 703	do	do	1962	30	13	25	Qs	1,793	20.2 17.8	Jan. 16, 1968 Jan. 14, 1969	N	N	Unused irrigation well. Water reported from sand and gravel at 15 to 24 feet.
* 704	Tinah H. Bumpass	Woodley Oil Company	1950	100	8	--	Qs, Pcfb	1,777	--	--	J, E, 2	Ind	Supplies oil company lease house.
17-705	A. R. Berry	G. W. Rodgers, Jr.	1961	40	12	40	Qa1	1,705	10.9	Nov. 22, 1967	T, E, 15	Irr	Water reported from sand and gravel at 30 to 39 feet.
* 706	do	do	1961	40	12	40	Qa1	1,705	10.9	do	S, E, 3	Irr	Do.
* 707	do	do	1961	23	12	23	Qa1	1,705	10.6	do	N	N	Unused irrigation well. Water reported from sand and gravel at 30 to 35 feet.
* 708	do	do	1961	40	12	40	Qa1	1,705	10.7	do	N	N	Do.
* 709	A. F. Roberts, Jr.	Ed Chapman	1967	34	12	34	Qs	1,763	19.3	Jan. 16, 1968	N	N	Industrial fresh water supply well, planned for use in oil field waterflood operation. Water reported from sand and gravel at 26 to 33 feet. Yield reported 100 gpm.
* 710	Hobbl Oil Corporation	do	1967	35	12-3/4	35	Qs	1,764	20	Nov. 24, 1967	N	N	Industrial fresh water supply well, planned for use in oil field waterflood operation. Water reported from sand and gravel at 16 to 28 feet. Yield reported 156 gpm.
* 711	Ethel Foy	--	--	21	--	--	Pcfb	1,720	9.7	Nov. 24, 1967	N	N	Dug well.
† 712	Hobbl Oil Corporation	Springer Drilling Company	1965	5,882	8-5/8 6-5/8 5-1/2	200 2,025 5,878	Qs, Ch	1,758	651	Jan. 26, 1968	S, E, 50	N	Industrial salt water supply well, formerly used in oil field waterflood operation. Yield reported 75 gpm.
* 713	Tinah H. Bumpass	--	1951?	41	8	41	Qs	1,768	20.3	Jan. 3, 1968	N	N	Water reported at about 35 feet in gravel.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (Ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (Ft)	BELOW LAND SURFACE DATUM (Ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (In.)	DEPTH (In.)				DATE OF MEASUREMENT	DATE OF MEASUREMENT			
* 30-17-714	Tinah H. Bumpass	--	1945?	97	6	--	Qs, Pcfv	1,778	16.6	Jan. 3, 1968	N	N	--	
715	do	--	1958?	100	--	--	Qs, Pcfv	1,778	--	--	C, W	N	--	
* 801	Alton McCain	Jack Bradshaw	1959	39	10-3/4	32	Qs	1,694	17	Dec. 10, 1959 Mar. 17, 1967	Cf, E, 20	Irr	Water reported from sand and gravel at 17 to 39 feet. Measured yield 276.4 gpm.	
* 802	A. J. Teal	Hollis Davis	1963	31	12	31	Qs	1,696	14.4	Mar. 7, 1967 Apr. 23, 1967 Jan. 15, 1968 June 14, 1968 Jan. 10, 1969	Cf, E, 15	Irr	Water reported from sand and gravel at 15 to 30 feet. Measured yield 235 gpm. Observation well.	
* 803	do	-- Mudd	1957	70	7	70	Qs, Pcfb	1,699	15.0	Mar. 7, 1967	J, E	D, S	Minor amount of water reported at 20 to 27 feet from sand and gravel; main water at 50 to 60 feet. Yield reported greater than 20 gpm.	
* 804	do	P. A. Lynn	1961	90	7-1/2	30	Pcfb	1,710	50	do	T, E, 5	Irr	Water reported from red and gray porous dolomite at about 75 feet.	
* 805	Minnie Lee Carter	Robert Higgins	1961	60	11	60	Qal	1,681	--	--	T, E, 2	Irr	Water reported at 18 to 28 feet from sand and gravel. Yield reported 60 gpm.	
* 806	do	-- Rea	1963	60	12	60	Qal	1,682	13.9	Mar. 7, 1967	Cf, E, 1	Irr	Do.	
* 807	Bagley estate	--	--	26	--	--	Qal	1,700	20.5	do	J, E	D, S	Dug well. Water reported from sand and gravel at about 19 and 26 feet. Yield estimated 25 gpm.	
* 808	J. H. Grogan	Jess Whitticher	1955	65	7	65	Qs	1,701	28.7	do	J, E	S	Water reported from sand and gravel at 15 to 34 feet. Yield estimated 20 gpm.	
* 809	do	Jim Rea	1964	34	12	34	Qs	1,702	18.1	do	T, E, 15	Irr	Water reported from sand and gravel at 15 to 34 feet. Yield estimated 400 gpm.	
* 810	do	Woodley Petroleum	1953	34	7	34	Qs	1,701	--	--	N	N	Unused industrial fresh water well, formerly used as water source in development of an oil field.	
+ 811	LeClair Operating Company, Incorporated	E. C. Johnson	1956	5,858	7	5,650	Eh	1,689	1,400	Mar. 7, 1968	S, E, 60	N	Unused industrial salt water supply well, formerly used in oil field waterfront operation.	
* 812	Alton McCain	Ed Chapman	1967	30	12-3/4	30	Qs	1,693	16.9	Mar. 17, 1967	T, E, 10	Irr	Water reported from sand and gravel at 16 to 29.5 feet. Yield measured 216.6 gpm.	
* 813	do	--	--	22	--	--	Qs	1,696	15.9	do	J, E	D	Dug well. Yield estimated 20 gpm.	
* 814	J. L. Beasley	P. A. Lynn	1964	75	7	75	Qs, Pcfv	1,701	27.4	Oct. 13, 1967	J, E	D, S	Water reported from streak in the redbeds at about 60 feet.	
* 815	do	--	--	45	--	--	Qs	1,700	39.3	June 17, 1953 Jan. 15, 1968	C, W	N	Dug well. Well K-1 of Bulletin 5418. Y	
* 816	do	Bill Martin	1967	24	10-5/8	24	Qal	1,680	10.6	Oct. 13, 1967	Cf, G, 24	Irr	Water reported from sand and gravel at 16 to 22 feet. Yield reported 125 gpm.	
* 817	do	do	1967	24	10-5/8	24	Qal	1,676	8.8 8.4	Jan. 15, 1968 Jan. 14, 1969	Cf, G, 24	Irr	Well is on a manifold system, pumped by central power unit with 24-horsepower gasoline engine. Water reported from sand and gravel at 16 to 22 feet. Yield reported 125 gpm.	
* 818	T. R. Busby	--	1934+	28	6	28	Qs	1,706	12	Oct. 19, 1967	J, E	D, S	--	

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	BELOW LAND SURFACE DATUM (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)				DATE OF MEASUREMENT				
* 30-17-819	A. F. Roberts, Jr.	Ed Chapman	1967	34	12-3/4	34	Qs	1,755	16.7	Jan. 16, 1968	N	N	Industrial fresh water supply well planned for use in oil field waterflood operation. Water reported in sand and gravel at 21 to 27.5 feet. Yield reported 60 gpm.	
* 820	Rex A. Smith	F. Hill	1963	65	8	20	PcFb	1,720	20.2	Nov. 24, 1967	J, E	D	Water reported at 35 and 55 feet. Yield reported 25 to 35 gpm.	
* 821	do	do	1961	65	8	20	PcFb	1,720	21	do	J, E	D	Water reported at 35 and 55 feet. Yield reported 25 gpm.	
* 822	do	Robert Higgins	1962	100	7	100	PcFb	1,760	20	do	J, E	D, S	Small amount of water reported at 12 to 20 feet in gravel; main water reported in break in clay at 84 to 86 feet. Yield reported 35 gpm.	
* 823	do	--	--	33	--	--	Qs	1,760	16.8	do	C, W	N	Dug well.	
* 824	Rex A. Smith	Jim Rea	1964	30	12	30	Qa1	1,698	20	Nov. 24, 1967	T, E, 15	Irr	Water reported from sand and gravel at 21 to 29 feet. Yield reported 75 gpm.	
* 825	do	do	1964	30	12	30	Qa1	1,698	21	do	Cf, E, 3/4	Irr	Water reported from sand and gravel at 21 to 29 feet. Yield reported 65 to 70 gpm.	
* 826	do	do	1964	30	14	30	Qa1	1,696	21.3	do	Cf, E, 3/4	Irr	Water reported from sand and gravel at 21 to 29 feet. Yield reported 29 gpm.	
* 827	do	do	1964	30	12	30	Qa1	1,695	21	do	Cf, E, 3/4	Irr	Water reported from sand and gravel at 21 to 29 feet. Yield reported 35 gpm.	
* 828	do	do	1964	30	12	30	Qa1	1,694	21	do	T, E, 15	Irr	Water reported from sand and gravel at 21 to 29 feet. Yield reported 75 gpm.	
* 829	do	do	1964	30	16	30	Qa1	1,695	21	do	Cf, E, 1	Irr	Water reported from sand and gravel at 21 to 29 feet. Yield reported 30 gpm.	
* 830	do	do	1964	30	16	30	Qa1	1,695	21	do	Cf, E, 1	Irr	Do.	
* 831	do	do	1964	18	16	18	Qa1	1,685	7.2	do	Cf, E, 1-1/4	Irr	Water reported from sand and gravel at 12 to 18 feet. Yield reported 75 gpm.	
* 832	do	do	1964	16	16	16	Qa1	1,686	7	do	Cf, E, 3/4	Irr	Water reported from sand and gravel at 12 to 16 feet. Yield reported 75 gpm.	
* 833	A. E. Newman	A. E. Newman	1953	28	--	--	Qa1	1,685	6.3	June 17, 1953 Nov. 30, 1967	C, E	S	Dug well. Yield reported 25 to 30 gpm. Well K-2 of Bulletin 5418-J.	
* 834	do	--	1951	21	--	--	Qa1	1,686	19.6	do	J, E	D	Dug well. Water not used for human consumption.	
* 835	W. F. Bumpass	--	1926?	80	6	80	PcFb	1,745	35.0	Jan. 4, 1968	J, E	D, S	Spring discharge estimated less than 5 gpm.	
* 836	do	--	--	Spring	--	--	Qs	1,738	(+)	do	N	N	Test hole, drilled for observation during a pump test. Water reported from sand and gravel at 19 to 31 feet.	
* 837	A. J. Teal	Jack Leonard	1968	32	2-7/8	28	Qs	1,696	13.1	Aug. 25, 1968	N	N	Dug well.	
* 901	W. Hollis estate	--	--	40	--	--	Qs	1,682	34.6	Jan. 25, 1967	N	N	Well K-3 of Bulletin 5418-J.	
* 902	do	--	1953	69	5	--	Qs	1,682	31.4	do	N	N	--	
* 903	Tripplett estate	Frank Hill	1952	70	6	70	Qs	1,682	27.2	Jan. 23, 1967	N	N	--	
* 904	do	--	--	--	6	--	Qs	1,680	34.9	Jan. 16, 1968 Jan. 14, 1969	N	N	--	

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	BELOW LAND-SURFACE DATUM (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)				DATE OF MEASUREMENT				
* 30-17-905	August Rueffer estate	--	--	30	--	--	PcFv	1,688	22.2	Mar. 7, 1967	N	N	Dug well.	
906	J. L. Bessley	P. A. Lynn	1964	70	5-1/2	70	Qs, PcFv	1,702	18.8	Oct. 13, 1967	C, W	S	Water reported from break in red shale at 55 feet.	
* 907	do	--	--	65	6	--	Qs, PcFv	1,702	24.1	Jan. 15, 1968	C, W	S	Owner plans to equip well. Water reported from sand and gravel at 16 to 22 feet. Yield reported 125 gpm.	
908	do	Bill Martin	1967	24	10-5/8	24	Qa1	1,675	9.4	Oct. 13, 1967	N	Irr	--	
909	do	--	--	30	9	30	Qa1	1,681	9.7	do	J, E	S	Owner plans to equip well. Water reported from sand and gravel at 6 to 12 feet. Yield reported 110 gpm.	
910	do	Bill Martin	1967	14	15	14	Qa1	1,675	6.1	do	N	Irr	Owner plans to equip well. Water reported from sand and gravel at 8 to 15 feet. Yield reported 130 gpm.	
* 911	do	do	1967	17	9	17	Qa1	1,676	10.9	do	N	Irr	Owner plans to equip well. Water reported from sand and gravel at 8 to 19 feet. Yield reported 200 gpm.	
912	do	do	1967	21	9	21	Qa1	1,680	11.0	do	N	Irr	--	
* 913	Archie Jefferies et al.	--	1955?	70?	6	70?	Qs, PcFv	1,640	46.1	do	S, E	S	Dug well. Water not used for human consumption.	
* 914	Homar C. Reeves	--	--	49	--	--	PcFv	1,690	24.3	Nov. 29, 1967	C, W, J, E	S	Unused irrigation well. Water reported from sand and gravel.	
* 915	Paul Arendall et al.	Ruben Bessley	1955?	76	12	--	Qa1	1,665	21.5	do	N	N	Water reported from sand and gravel. Yield reported about 80 gpm.	
* 916	do	do	1955?	70	6	70	Qa1	1,672	21.3	do	S, E, 3	Irr	Unused irrigation well. Water reported from sand and gravel.	
917	do	do	1955?	23	12	23	Qa1	1,672	20.4	do	N	N	Water reported from sand and gravel. Yield reported about 80 gpm.	
918	do	Jack Leonard	1965	25	12-3/4	25	Qa1	1,670	11.6	do	S, E, 1.5	Irr	Unused irrigation well. Water reported from sand and gravel.	
* 919	Dorman D. Bush et al.	Johnson and Henderson	1963	23	12-3/4	23	Qa1	1,672	12.6	Dec. 27, 1967	C, E, 5	Irr	Water reported from sand and gravel at 15 to 24 feet. Yield reported about 80 gpm.	
920	do	do	1964	24	16 10-3/4	14 24	Qa1	1,674	13.8	do	N	N	Water reported from sand and gravel at 14 to 21 feet. Yield reported 150 gpm.	
921	Ally Milton Jones	Ed Chapman	1968	45	12-3/4	45	Qs	1,729	29.9 35.1	Jan. 15, 1968 Jan. 14, 1969	N	S	Unused irrigation well. Water reported from sand and gravel at 12 to 22 feet. Yield reported 250 gpm.	
† 922	Nueve Operating Company, Incorporated	West Central Drilling Company	1962	4,644	10-3/4 7	100 3,320	IPpp	1,712	400	July 4, 1968	C, E, 50	Ind	Well to be equipped soon. Water reported from sand and gravel at 37 to 42 feet. Yield reported 30 gpm.	
* 18-101	J. H. Tankersley	--	1900?	72	14	72	Qs	1,758	12.7	Jan. 23, 1967	J, E	D	Industrial salt water supply well used in oil field waterflood operation. Yield reported 57 gpm.	
* 102	J. Lewis Garmon	P. A. Lynn	1959	45	8	45	PcFv	1,698	11.6	Feb. 2, 1967	J, E	D	Water reported from 25 to 72 feet.	
* 103	John A. Sosebee	--	--	55	--	--	PcFv	1,715	27.5	do	C, W	D, S	Water reported at 30 feet, and from gray breaks (dolomite?) on down to 45 feet.	
* 104	Raymond Spraberry	P. A. Lynn	1964	60	6	60	PcFv	1,718	24.6	Mar. 20, 1967	C, W	S	Dug well. Water reported at about 50 feet from gray break in the redbeds.	

See footnotes at end of table.

Table 6. --- Records of Wells and Springs -- 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			
* 30-18-105	Burford M. Spraberry	P. A. Lynn	1965	85	8	5	Qs	1,705	23.6	Mar. 22, 1967	N	N	Water reported at about 65 feet in sand and gravel.
* 106	J. E. Nix	Obey Scott	1953	40	6	40	Qs	1,760	21.0	June 9, 1967	J, E	D, S	Water reported at about 35 feet in sand and gravel.
* 107	Raymond Spraberry	Jack Bradshaw	1954	65	6	65	Pc4v	1,705	19.2	Mar. 20, 1967	J, E	D, S	Water reported from gray streak in the redbeds.
* 108	do	Mr. Wallace	1950	32	6	32	Pc4v	1,706	24.7 20.2	July 7, 1953 Mar. 20, 1967	J, E	D, S	Well F-21 of Bulletin 5418.
* 109	Burford M. Spraberry	Obey Scott	1944	65	6	65	Pc4v	1,705	25.5	Mar. 22, 1967	J, E	D, S	Water reported at 51 feet in streak in redbeds.
* 110	Mrs. C. S. Owen	--	--	50	6	50	Qs	1,802	23.8	July 6, 1967	J, E	S	--
* 111	W. Tom Kasinger	--	--	40	--	--	Qs	1,761	15	Nov. 10, 1967	J, E	D, S	Well F-41 of Bulletin 5418.
* 112	Mrs. Mary June Dixon	Jess Whitaker	1950	62	6	62	Qs	1,764	19.9 14.6	June 18, 1953 Nov. 10, 1967	J, E	D, S	Minor amount of water reported at 22 feet from sand; main water reported at 60 feet. Well F-42 of Bulletin 5418.
201	J. L. Roberts estate	Hollis Davis	1954	53	12-3/4	53	Qs	1,725	32	Feb. 16, 1959	T, E, 7.5	Irr	Water reported from gravel at about 40 to 53 feet. Yield reported 350 gpm.
202	do	do	1954	53	12-3/4	53	Qs	1,731	32	Dec. 16, 1959	T, E, 7.5	Irr	Water reported from gravel at about 40 to 53 feet. Measured yield 305.7 gpm.
203	do	do	1954	53	14	53	Qs	1,735	25.4	Jan. 23, 1967	T, E, 7.5	Irr	Water reported from sand and gravel at 46 to 52 feet. Yield reported 300 gpm.
* 204	do	do	1954	53	14	53	Qs	1,733	32 25.0	Dec. 16, 1959 Jan. 23, 1967	T, E, 7.5	Irr	Do.
205	do	do	1956	56	12-3/4	56	Qs	1,726	31.2	Dec. 16, 1959 Jan. 23, 1967	N	N	Unused irrigation well. Measured yield 108.4 gpm.
* 206	do	do	1954	60	12	60	Qs	1,729	32 33.9	Dec. 16, 1959 July 26, 1968	S, E, 5	Irr	Water reported from sand and gravel. Yield reported 200 gpm.
* 207	Preston Spray	Jack Bradshaw	1955	51	16	51	Qs	1,729	32 21.8	Dec. 1, 1959 Feb. 10, 1967	T, E, 5	Irr	Water reported from sand and gravel at 38 to 51 feet. Measured yield 177 gpm.
208	do	do	1956	45	16	45	Qs	1,730	32 20.6	Dec. 1, 1959 Feb. 10, 1967	T, E, 3	Irr	Water reported from sand and gravel at 38 to 45 feet. Yield reported 175 gpm.
209	do	Johnson and Henderson	1967	53	10-3/4	53	Qs	1,731	20.1	Mar. 29, 1968	S, E, 5	Irr	Water reported from sand and gravel at 37 to 51 feet. Yield reported 250 gpm.
210	Jack Emerson	Frank Hill	19037	55	6	55	Qs	1,735	30.1	Jan. 23, 1967	J, E	D	--
211	do	Jim Rea et al.	--	52	12	52	Qs	1,735	23.4	do	N	N	Originally a dug well, later deepened.
212	do	do	1963	46	12	46	Qs	1,735	22.6	do	C, E, E, 2	S, Irr	Yield reported 250 gpm.
* 213	do	do	1963	47	12	47	Qs	1,733	22.2	do	T, E, 15	Irr	Water reported from sand and gravel at 35 to 45 feet. Yield reported 400 gpm.
* 214	J. L. Roberts estate	-- Hill	1950	53	6	53	Qs	1,736	--	--	J, E	D, S	--
* 215	do	--	--	46	--	--	Qs	1,736	25.5	Jan. 23, 1967	C, W	D	Dug well.
* 216	Mrs. J. J. Roberts	--	--	65	--	--	Qs	1,751	16.4	do	C, W	N	Do.
217	do	--	--	--	5	5	Qs	1,752	17.0	do	N	N	--

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (FEET)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (FEET)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN.)	DEPTH (FEET)			BELOW LAND SURFACE DATUM (FEET)	DATE OF MEASUREMENT			
* 30-18-218	Mrs. J. J. Roberts	--	--	45	--	--	Qs	1,731	22.8	Jan. 23, 1967	C, W	S	Dug well.
* 219	Lawrence Amerson	--	--	45	5	45	Qs	1,744	14.9	do	C, W	D	--
* 220	do	--	1927?	52	--	--	Qs	1,741	26.3 23.8	Jan. 12, 1968 Jan. 13, 1969	N	N	Dug well.
* 221	J. Lewis Carmon	Ed Chapman	1967	55	10-3/4	55	Qs	1,730	24.2	Feb. 2, 1967	T, E, 7.5	Irr	Water reported from sand and gravel at 36 to 41 feet. Yield reported 240 gpm.
* 222	do	do	1967	55	10-3/4	55	Qs	1,730	31.4 26.9 28.5	Feb. 22, 1967 July 21, 1967 Jan. 11, 1968	T, E, 7.5	Irr	Water reported from sand and gravel at 46 to 53 feet. Yield reported 240 gpm. Observation well.
* 223	Burl Walker	--	--	35	--	--	Qs	1,742	14.8 12.5	Jan. 12, 1968 Jan. 13, 1969	J, E	S	Dug well.
* 224	J. Lewis Carmon	--	--	42	--	--	Qs	1,737	23.2	Feb. 2, 1967	N	N	Dug well.
* 225	Mrs. Mollie Roberts	Obey Scott	1933	58	--	--	Qs	1,748	22.8 16.2	June 19, 1953 Nov. 10, 1967	N	N	Dug well. Well G-10 of Bulletin 5418. ^H
* 226	Edward J. Cooley	Johnson and Henderson	1966	55	12	55	Qs	1,737	25.0	Feb. 7, 1967	T, E, 15	Irr	Water reported from sand and gravel at 40 to 52 feet. Combined yield of this well and 30-18-228 measured 657.1 gpm.
* 227	do	Hollis Davis	1965	51	24 16	40 51	Qs	1,734	23.1	do	S, E, 5	Irr	Water reported from sand and gravel at 40 to 51 feet. Yield reported greater than 175 gpm.
* 228	do	Johnson and Henderson	1966	54	12	54	Qs	1,736	25	do	T, E, 10	Irr	Water reported from sand and gravel at 40 to 52 feet. Combined yield of this well and 30-18-226 measured 657.1 gpm.
* 229	do	--	--	45	--	--	Qs	1,734	23.5	do	N	N	Dug well.
* 230	Beauford Hinds	--	1918	33	--	--	Qs	1,743	29.4	do	J, E	D, S	Do.
* 231	Preston Spray	Herbert Johnson	1966	48	8	48	Qs	1,740	26.5	Feb. 10, 1967	S, E, 5	Irr	Water reported from sand and gravel at 40 to 48 feet. Yield reported 130 gpm.
* 232	do	--	1948	35	--	--	Qs	1,739	29.2	do	S, E	D, S	Dug well.
* 233	J. Lewis Carmon	Ed Chapman	1967	50	8-1/2	50	Qs	1,733	31.2	Feb. 22, 1967	T, E, 7.5	Irr	Water reported from sand and gravel at 35 to 48 feet. Yield reported 230 gpm.
* 234	do	do	1967	48	10-1/2	48	Qs	1,733	29.0	Mar. 6, 1967	T, E, 5	Irr	Water reported from sand and gravel at 35 to 45 feet. Yield reported 125 gpm.
* 235	R. S. Spraberry	--	1927	29	--	--	Qs	1,699	1.7	Mar. 22, 1967	C, W	S	Dug well. Small amount of water reported from sand and gravel at 8 to 10 feet; main water from near bottom of well.
* 236	do	Johnson and Henderson	1967	62	8-5/8	62	Pcfv	1,718	2.7	do	S, E, 1.5	S, Irr	Yield reported 35 gpm.
* 237	Mrs. J. J. Roberts	--	--	28	--	--	Qs	1,744	12.4 12.3	Jan. 11, 1968 Jan. 13, 1969	N	N	Dug well.
* 238	R. G. Howell	P. A. Lynn	1941	30	8	30	Qs	1,740	13.4	Mar. 22, 1967	J, E	D, S	Water reported from sand and gravel at 17 to 23 feet.
* 239	J. H. Martin	--	--	21	--	--	Qs	1,695	0.9	Apr. 4, 1967	J, E	D, S	Dug well.
* 240	do	--	--	Spring	--	--	Qs	1,697	(+)	do	N	S	--

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- 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			
* 30-18-241	W. D. Baker	--	1957	43	5	43	Qs	1,754	11.5	Apr. 20, 1967	J, E	D	Water reported from sand and gravel at 2 to 14 feet.
242	do	--	1957	43	5	43	Qs	1,754	11	do	N	N	Water reported from sand and gravel at 12 to 14 feet. Yield estimated 30 gpm.
* 243	Mrs. Hollie Roberts	--	1952	50	6	50	Qs	1,745	15.3	Nov. 10, 1967	J, E	D, S	--
* 244	W. D. Baker	--	1955	45	--	--	Pefv	1,754	18.7	Apr. 20, 1967	J, E	D	Dug well. Water reported from red rock at 42 to 45 feet.
* 245	do	--	1953	46	--	--	Qs, Pefc	1,746	20.5	July 7, 1953	J, E	N	Dug well. Well G-9 of Bulletin 5418-J
* 246	Mrs. A. L. McKeever	--	--	41	--	--	Qs	1,730	17.0	Apr. 20, 1967	N	N	Dug well.
* 247	J. L. Roberts estate	Jack Leonard	1968	60	2-7/8	60	Qs	1,728	33.6	July 26, 1968	N	N	Test hole, drilled for observation during a pump test. Water reported at 34 to 46 and 48 to 59.5 feet from sand and gravel.
248	do	do	1968	61	2-7/8	61	Qs	1,730	34.3	do	N	N	Test hole, drilled for observation during a pump test. Water reported at 35 to 51, 52 to 56, and 57 to 60 feet from sand and gravel.
301	do	Hollie Davis	1954	58	12-3/4	58	Qs	1,725	37.3	Jan. 23, 1967	S, E, S	Irr	Yield measured 105 gpm.
* 302	James Martin et al.	Jack Bradshaw	1958	68	8	68	Qs	1,730	48	Sept. 3, 1960	N	N	Unused irrigation well. Water reported from sand and gravel at 62 to 73 feet. Yield reported 150 gpm.
* 303	do	do	1958	73	8-5/8	73	Qs	1,719	48	Sept. 3, 1960	T, G, 180	Irr	Water reported from sand and gravel at 49 to 72 feet. Yield reported greater than 480 gpm.
304	J. L. Roberts estate	-- Hill	1950	60	6	60	Qs	1,726	38.0	Jan. 23, 1967	J, E	N	--
305	do	Hollie Davis	1964	63	6-3/4	63	Qs	1,727	41.1	do	N	N	Unused irrigation well. Yield reported 120 gpm.
306	do	--	--	45	--	--	Qs	1,721	26.0	do	N	N	Dug well.
* 307	do	--	--	22	--	--	Qs	1,718	18.4	do	N	N	Do.
* 308	do	--	1910?	50	--	--	Qs	1,720	31.3	do	C, W	D, S	Do.
* 309	do	--	--	30	6	30	Qs	1,699	4.1	Jan. 12, 1968	C, W	S	--
* 310	do	--	--	Seep	--	--	Qs	1,696	(+)	Jan. 23, 1967	N	N	Seep in vegetative-kill area.
* 311	do	--	--	Seep	--	--	Qs	1,696	(+)	do	N	N	Do.
312	Preston Spray	Herbert Johnson	1966	52	16	52	Qs	1,726	32.7	Jan. 12, 1968	T, G, 150	Irr	Water reported from sand and gravel at 25 to 52 feet. Flow reported 300 gpm.
* 313	do	do	1965	50	16	47	Qs	1,722	31.6	Jan. 13, 1969	N	N	Unused irrigation well. Water reported from coarse sand and gravel at 25 to 48 feet. Yield reported 250 gpm.
* 314	H. L. Baldwin	Jack Leonard	1963	63	10	63	Qs	1,735	42.0	Mar. 6, 1967	T, G, 90	Irr	Water reported from sand and gravel at 49 to 60 feet. Yield reported 350 gpm.
* 315	D. A. Baldwin	--	1918?	90	--	--	Qs	1,725	40.7	do	C, W, J, E	D, S	Dug well.
* 316	Mrs. J. J. Roberts	--	--	Seep	--	--	Qs	1,732	(+)	Mar. 21, 1967	N	N	Seep in vegetative-kill area.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (FEET)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (FEET)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN.)	DEPTH (FEET)			BELOW LAND-SURFACE (FEET)	DATE OF MEASUREMENT			
* 30-18-317	Mrs. J. J. Roberts	--	--	22	6	22	Qs	1,700	15.3	Mar. 21, 1967	N	N	--
* 318	do	--	--	Seep	--	--	Qs	1,705	(+)	do	N	N	Seep in vegetative-hill area.
* 319	do	--	--	40	6	40	Qs	1,716	26.9 21.5	June 19, 1953 Mar. 21, 1967	C, W	D, S	Well G-8 of Bulletin 5418.J
* 320	do	--	--	39	5	39	Qs	1,725	35.7	do	N	N	--
* 321	A. T. Halbert	P. A. Lynn	1965	71	7	71	Qs	1,705	41.7	Apr. 3, 1967	N	N	Water reported from gravel at 48 to 52 feet. Yield reported about 6 gpm.
* 322	do	do	1965	65	7	65	Qs	1,719	19.2	do	N	N	Water reported from sand and gravel at 22 to 32 feet and from gravel at 40 to 55 feet. Yield reported 150 gpm.
* 323	do	--	--	Spring	--	--	Qs	1,687	(+)	do	N	S	Spring flows into tank.
* 324	Paul Baucum	Bill Martin	1967	85	15	10	Pelev	1,670	34.7	Aug. 9, 1967	N	S	Water reported from redbeds at 66 to 66.5 feet.
* 325	U. H. Mitchell	--	1963?	63	6	63	Qs	1,740	37.8	Aug. 21, 1967	J, E	D, S	--
* 326	James Martin et al.	Ed Chapman	1965	69	10-3/4	69	Qs	1,729	57.5	Aug. 28, 1967	N	N	Water reported from shaly sand and gravel at 59 to 75 feet. Yield reported 35 gpm.
* 327	do	Johnson and Henderson	1966	80	10-3/4	80	Qs	1,723	50	do	T, G, 101	Irr	Water reported from sand and gravel at 60 to 79 feet. Yield reported 350 gpm.
* 328	Herbert L. Johnson et al.	do	1967	54	12 8-3/4	22 54	Qs	1,730	36.8	Aug. 25, 1967	T, E, 15	Irr	Water reported from sand and gravel at 38 to 52 feet. Yield reported greater than 700 gpm.
* 329	do	--	--	35	--	--	Qs	1,734	30.8	do	N	N	Dug well.
* 330	do	--	--	50	6	50	Qs	1,733	41.1 39.1	Jan. 12, 1968 Jan. 13, 1969	S, E	D, S	--
* 331	Reuben Beasley	Reuben Beasley	1959	64	8	64	Qs	1,733	40.5	Aug. 24, 1967	S, E	D, S	Water reported from sand at 54 to 63 feet. Yield reported 180 gpm.
* 332	do	--	1916	42	--	--	Qs	1,735	32.4	do	C, W	S	Dug well. Water reported from sand and gravel.
* 333	do	Reuben Beasley	--	64	8	64	Qs	1,732	41.0	do	N	N	Water reported from fine sand at 55 to 63 feet.
* 334	Mitchel Flache	Ed Chapman	1967	60	14	60	Qs	1,719	44.4	Dec. 20, 1967	S, E, 3	S, Irr	Water reported from sand and gravel at 42 to 58 feet. Yield reported 50 gpm.
* 335	do	do	1967	60	14	60	Qs	1,718	42	do	T, E, 5	Irr	Water reported from sand and gravel at 38 to 59.5 feet. Yield reported 50 to 60 gpm.
* 336	do	do	1967	60	14	60	Qs	1,718	40.5	do	S, E, 2	Irr	Water reported from sand with small amount of gravel at 38 to 58 feet. Yield reported 60 gpm.
* 401	M. M. Lawless	C. Jordan	1952	69	5	69	Qs	1,767	56.9 55.9	June 22, 1953 Oct. 11, 1967	J, E	D, S	Water reported from sand and gravel at 48 to 60 feet. Well F-53 of Bulletin 5418.J
* 402	Harry C. Fagille	O. B. Cox	1956?	76	8	76	Qs	1,800	64.6 69.2 66.1 61.5 63.6	Jan. 18, 1967 May 19, 1967 Jan. 11, 1968 Sept. 15, 1968 Jan. 13, 1969	J, E	D, S	Water reported from 11 feet of sand and gravel. Water not used for human consumption. Observation well.
* 403	R. A. Carmon, Sr.	Johnson and Henderson	1967	73	7	1	Qs	1,810	34.0	July 6, 1967	C, W	D, S	Water reported from sand and gravel at 38 to 40 feet.
* 404	Ann B. Osburne	-- Mudd	1963	85	6	85	Qs	1,800	35.0	do	C, N	S	Water reported from sand and gravel at 40 feet.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH WELL (FEET)	CASTING		WATER BEARING UNIT	ALTITUDE SURFACE (FEET)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN.)	DEPTH (FEET)			BELOW SURFACE DATUM (FEET)	DATE OF MEASUREMENT			
* 30-18-405	Y. G. Walker	Johnson and Henderson	1966	67	5	67	Qs	1,781	49.7	July 7, 1967	S, E	D	Water reported from sand and gravel at 52.5 to 60 feet. Yield reported 25 gpm. Specific conductance 2,350 microhm/cm ³ at 84°F.
406	do	Frank Hill	1957	66	6	66	Qs	1,785	44.3	do	N	N	Water reported from sand and gravel at 59 to 60 feet.
407	do	do	1926?	58	7	58	Qs	1,785	50.2 47.2	June 24, 1953 July 7, 1967	C, E	N	Water reported from sand and gravel at 59 to 60 feet. Well F-51 of Bulletin 5418-J
408	do	do	1954	66	6	66	Qs	1,782	42.5	do	C, W	S	Water reported from sand and gravel at 57 to 60 feet. Specific conductance 2,450 microhm/cm ³ at 83°F.
* 409	do	do	1957	74	7	74	Qs	1,783	59.3	do	J, E	S	Water reported from gravel at 64 to 69 feet.
410	do	do	1960	64	7	64	Qs	1,777	35.0 33.0	Jan. 12, 1968 Jan. 14, 1969	N	N	Water reported from sand and gravel at 68 to 70 feet. Well may be partly filled with sand.
* 411	W. L. Grissom	do	1947?	67	5-1/2	67	Qs	1,762	41.6	July 7, 1967	S, E	D, S	Water reported from sand and gravel at 54 to 64 feet.
412	do	do	--	67	6	67	Qs	1,761	39.8	do	N	N	Water reported from sand and gravel above 64 feet.
* 413	do	Johnson and Henderson	1966	70	5	70	Qs	1,771	48.3	do	S, E	S	Water reported from sand and gravel at 53 to 64 feet. Yield reported 200 gpm.
* 414	Wayne Austin	Claude Corvey	1964	58	15	58	Qs	1,758	54.6	do	S, E	S	Water reported from sand and gravel at 49 to 57 feet. Yield reported greater than 100 gpm.
* 415	J. F. Goodwin	-- Higgins	1950	80	7	80	Qs	1,760	62.9	do	C, W	D, S	Water reported from sand and gravel at about 70 feet.
416	Henry Graham	Frank Hill	1960	80	6	80	Qs	1,781	60.6	do	S, E	D, S	Water reported from sand and gravel at 54 to 79 feet. Specific conductance 1,750 microhm/cm ³ at 83°F.
* 417	do	-- Isabelle	1964	80	7	80	Qs	1,782	48.8	do	S, E, 1.5	Irr	Water reported from sand and gravel at 54 to 78 feet. Measured yield 18.4 gpm.
* 418	D. S. Taylor	Frank Hill	1962	60	8	60	Qs	1,779	50	do	J, E	D	Water reported from sand and gravel at about 40 to 60 feet.
419	do	--	1910	44	--	--	Qs	1,772	36.4	do	C, W	S	Dug well. Specific conductance 2,250 microhm/cm ³ at 83°F.
420	do	Frank Hill	1956	60	6	60	Qs	1,781	51.5	do	N	N	Water reported from sand and gravel at 40 feet.
421	do	--	--	62	6	62	Qs	1,780	53.0	June 24, 1953	C, W	D, S	Well F-52 of Bulletin 5418-J
422	M. M. Lawless	-- Wallace	1964	73	6-1/2	73	Qs	1,766	54.9	Oct. 11, 1967	N	N	Unused irrigation well. Minor amounts of water reported from gravel at 30 to 30.5 feet and from sand and gravel at 45 to 46 feet; main reported from sand and gravel at 60 to 70 feet. Yield 130 gpm. Specific conductance 615 microhm/cm ³ at 63°F.
423	Pleasant Grove Church	Ed Chapman	1967	80	5-1/2	80	Qs	1,804	60.7	Mar. 29, 1968	J, E, 1/2	P	Water reported from sand and gravel at 70 to 74 feet. Yield reported 3 to 4 gpm.
* 424	James E. Robinson et al.	do	1966	68	10-3/4	68	Qs	1,765	48.0	do	J, E, 3/4	Irr	Minor amount of water reported from sand at 30 to 31 feet; main water reported at 55 to 67 feet. Yield reported 150 gpm.
425	Charles N. Herndon	Johnson and Henderson	1966	51	12-3/4	51	Qs	1,770	--	--	T, E, 10	Irr	Water reported from sand and gravel at 39 to 50 feet. Measured yield 163 gpm.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- 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			
30-18-426	R. A. Carmon, Sr.	--	--	70	6	--	Qs	1,805	42.2	July 6, 1967	C, W	S	Water level is a pumping level.
* 501	B. M. Phifer	P. A. Lynn	1962	82	6-5/8	82	Qs	1,730	--	--	J, E	D, S	Water reported from gravel at 65 feet. Yield reported greater than 11 gpm.
* 502	do	Johnson and Henderson	1965	78	8-5/8	78	Qs	1,730	63.5	Jan. 20, 1967	N	N	Unused irrigation well. Water reported from sand and gravel at 73 to 78 feet. Yield reported 110 gpm. Well is equipped with water-level recorder
* 503	do	do	1965	70	6	70	Qs	1,730	68.7	July 21, 1967	C, W	S	Water reported from sand and gravel at 62 to 70 feet. Yield reported 50 gpm.
* 504	W. Hollis estate	--	1908	83	--	--	Qs	1,628	64.2	Jan. 25, 1967	N	N	Dug well.
* 505	Clarence E. Tucker	Hollis Davis	1960	70	12	70	Qs	1,740	35	Feb. 7, 1967	T, G, 20	Irr	Water reported from sand and gravel at 58 to 60 feet. Yield reported 300 gpm.
* 506	do	do	1933?	64	--	--	Qs	1,739	30.4	do	J, E	N	Dug well.
* 507	do	do	1960	58	12-1/4	58	Qs	1,735	26.0	do	N	N	Unused irrigation well.
* 508	J. L. Beasley	J. L. Beasley	1962	65	6	65	Qs	1,732	62.2	Feb. 16, 1967	C, W	S	Water reported from sand at 60 feet. Yield reported 15 to 20 gpm.
* 509	B. M. Phifer	Johnson and Henderson	1967	80	10-3/4	78	Qs	1,732	64.6	May 19, 1967	S, E, 5	Irr	Water reported from sand and gravel at 72 to 76 feet. Measured yield 113 gpm.
* 510	Preston Spray	Jack Bradshaw	1956	60	16	60	Qs	1,736	30.6	Dec. 1, 1959	T, E, 5	Irr	Main water reported at 38 to 60 feet from alluvium. Yield reported 195 gpm. Observation well.
* 511	Joel Trice	--	1950	77	--	--	Qs	1,750	--	--	J, E	D, S	--
* 512	R. R. Whetstone	Johnson and Henderson	1966	81	5-1/2	81	Qs	1,740	64.6	July 17, 1967	S, E	D, S	Water reported from sand and gravel at 76 to 81 feet. Yield reported 35 gpm.
* 513	W. J. Hogue	do	1965	88	6	88	Qs	1,735	67.9	Aug. 4, 1967	S, E	D, S	Water reported from sand and gravel at 78 to 86 feet. Yield reported greater than 18 gpm.
* 514	B. M. Phifer	do	1965	87	12-3/4	87	Qs	1,735	72.6	do	T, E, 13	Irr	Water reported from sand and gravel at 76 to 85 feet. Measured yield 129 gpm.
* 515	Jack Leonard	Jack Leonard	1964	80	12-3/4	80	Qs	1,737	60.1	Sept. 18, 1967	T, G, 220	Irr	Water reported from sand and gravel at 64 and 76 feet. Yield reported 230 gpm.
* 516	do	do	1962	54	12-3/4	54	Qs	1,739	41.6	Aug. 9, 1967	S, E	D, S	Water reported from sand and gravel at 42 to 51 feet. Yield reported 100 gpm.
* 517	Russ Pambles	--	1962	83	7	83	Qs	1,728	69	Aug. 29, 1967	C, W	D, S	Water reported from sand and gravel at 70 to 82 feet.
* 518	do	Johnson and Henderson	1965	84	12	84	Qs	1,724	68	do	T, G, 292	Irr	Water reported from sand and gravel at 62 to 84 feet. Measured yield greater than 1,800 gpm.
* 519	Hollis Henderson	do	1963	82	5-1/2	82	Qs	1,742	59.6	Aug. 24, 1967	S, E	D, S	Water reported from sand and gravel at 72 to 78 feet. Yield reported greater than 25 gpm.
320	Otis White	--	--	75	10-3/4	75	Qs	1,745	38	Aug. 28, 1967	T, E, 3	Irr	Originally a dug well; drilled and cased later. Yield reported 90 gpm.
* 521	do	Ed Chapman	1967	68	10-3/4	68	Qs	1,745	38	do	T, E, 3	Irr	Water reported from sand and gravel at 55 to 64 feet. Yield reported 120 gpm.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		MATER BRACKING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF MEASUREMENT	USE OF WATER	REMARKS
					DIAM-ETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE (ft)	DATE OF MEASUREMENT			
* 30-18-522	Ab Hunter	Frank Hill	1926	59	6	40	Qs	1,719	56.0	Sept. 26, 1967	N	N	Water reported from sand and gravel at 70 to 72 feet. Well partly filled with sand.
523	Herbert L. Johnson et al.	Hollis Davis	1961	49	10-3/4	49	Qs	1,734	37.4	Mar. 29, 1968	S, E, 5	Irr	Water reported from sand and gravel at 42 to 49 feet. Yield reported 80 to 90 gpm.
* 524	W. D. Minter et al.	S. B. Roberts	1952?	69	7-7/8	69	Qs	1,722	60.1	Sept. 26, 1967	N	N	Unused industrial fresh water supply well, formerly used in oil field seepage operation. Water reported from sand and gravel at 59 to 66.5 feet.
* 525	Ab Hunter	do	1936?	72	6	72	Qs	1,718	62	do	S, E	D, S	Water reported from fine sand at 34 to 72 feet.
526	do	--	1920	103	6	103	Qs	1,721	62.1	do	C, W	N	Water reported from sand at about 96 feet.
527	J. L. Beasley	J. L. Beasley	1960	65	5-1/2	65	Qs	1,700	60	Nov. 3, 1967	N	N	Water reported from sand and gravel at 60 to 65 feet.
528	Herbert L. Johnson et al.	Jack Leonard	1960	53	10-3/4	53	Qs	1,735	--	--	N	N	Unused irrigation well. Water reported from sand and gravel at 43 to 49 feet. Yield reported 60 gpm.
529	do	--	--	70	5-1/2	70	Qs	1,719	56.1	Mar. 29, 1968	C, W	S	Water reported from sand and gravel at 72 to 76 feet. Yield reported 10 gpm.
530	do	Herbert L. Johnson	1967	76	8-5/8	76	Qs	1,732	69	do	S, E	D	Water reported from sand and gravel at 72 to 78 feet. Yield reported greater than 20 gpm.
531	do	Johnson and Henderson	1964	82	5-1/2	82	Qs	1,735	69.4	do	N	N	Unused irrigation well. Water reported from sand and gravel at 42 to 49 feet. Yield reported 50 to 60 gpm.
* 532	do	Jack Leonard	1960	54	10-3/4	54	Qs	1,732	37.4	do	N	N	Water reported from sand and gravel at 72 to 76 feet. Yield reported 10 gpm.
533	O. B. Stephens	--	1964?	66	12-3/4	--	Qs	1,752	33.7	Aug. 30, 1968	S, E, 2	Irr	Yield reported 65 gpm.
534	do	P. A. Lynn	1964	66	7	66	Qs	1,752	36	do	C, W, J, E	S	Water reported from sand and gravel at 48 to 65 feet. Yield reported 65 gpm.
535	do	Ed Chapman	1967	76	12-3/4	76	Qs	1,750	--	--	T, E, 5	Irr	Water reported from 26 feet of sand and gravel. Yield reported greater than 100 gpm.
* 601	Taylor Davis	Hollis Davis	1964	78	12	78	Qs	1,713	58.1	July 18, 1967	T, E, 5	Irr	Water reported from sand and gravel at 58 to 78 feet. Measured yield 124 gpm.
602	do	--	--	72	6	--	Qs	1,710	57.8	do	J, E	D	--
* 603	C. L. Warner	C. L. Warner	1963	60	7	60	Qs	1,725	42.9	Aug. 21, 1967	J, E	D, S	Water reported from sand and gravel at 50 to 59 feet.
604	John M. Bennett	--	--	51	6	51	Qs	1,731	46.2	Aug. 28, 1967	C, W	S	Yield reported 50 gpm.
605	Dr. D. G. Porterfield	--	1955	83	16	83	Qs	1,719	67.1	Aug. 29, 1967	S, E, 5	Irr	Water reported from sand and gravel at 74 to 82 feet.
* 606	do	Johnson and Henderson	1965	86	6	86	Qs	1,720	69.4	do	C, W	S	Dug well. Well C-12 of Bulletin 5418. J
* 607	do	--	--	78	--	--	Qs	1,721	68.5	June 17, 1953	J, E	S	Water reported from sand and gravel at 62 to 76 feet. Yield reported 325 gpm.
608	Robert C. Henderson	Robert C. Henderson	1964	80	5-1/2	80	Qs	1,708	60.1	Aug. 23, 1967	S, E	D	

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- 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			
30-18-609	Robert C. Henderson	--	--	61	5-1/2	61	Qe	1,710	58.6	Aug. 25, 1967	S, E	S	--
610	do	Robert C. Henderson	1967	78	10-3/4	78	Qe	1,715	60.7	Jan. 12, 1968	S, E, 5	Irr	Water reported from sand and gravel at 62 to 76 feet. Yield reported 325 gpm.
611	Mr. Millstead	Johnson and Henderson	--	63	5-1/2	63	Qe	1,716	62.6	Aug. 25, 1967	S, E	S	Yield reported 7 gpm.
612	E. L. Odell	Hollis Davis	1963?	73	10	73	Qe	1,700	60.2	Sept. 25, 1967	T, C, 90	S, Irr	Water reported from sand and gravel at 50 to 72 feet. Yield reported 350 gpm.
613	do	--	--	66	--	--	Qe	1,699	54.2	do	N	N	Dug well.
614	Walsh and Wats, Incorporated	S. B. Roberts	1941?	70	7	70	Qe	1,694	42.0	Nov. 3, 1967	C, E, 3	N	Unused industrial fresh water supply well, formerly used in oil field waterflood operation.
615	do	Obey Scott	1955?	70	7	70	Qe	1,695	50.8	do	C, N	N	Unused industrial fresh water supply well, formerly used in oil field waterflood operation.
616	do	do	1955?	70	7	70	Qe	1,697	51	do	C, E, 3	N	Do.
617	do	do	--	70	7	70	Qe	1,698	51.3	do	J, E	D	Water reported from sand and gravel at 60 to 65 feet.
618	do	Obey Scott	1955?	70	6	70	Qe	1,697	54	Nov. 3, 1967	C, N	N	Unused industrial fresh water supply well, formerly used in oil field waterflood operation.
619	do	do	1955?	70	8-5/8	70	Qe	1,696	51	do	C, N	N	Do.
620	J. L. Beasley	--	--	70	6	--	Qe	1,698	67.9	do	C, W	S	Water level is a pumping level.
621	do	J. L. Beasley	--	60	5-1/2	60	Qe	1,707	56.8	do	N	N	Water reported from sand and gravel at 57 to 60 feet.
701	J. T. Smith	-- Moutray	--	27	--	--	Qe	1,671	24.2	June 17, 1953	Cf, E, 1	Ind	Dug well. Well K-5 of Bulletin 5418.
702	Dr. R. W. Varner	Jack Leonard	1966	62	12	62	Qe	1,722	49.6	Jan. 18, 1967	S, E, 3	S, Irr	Water reported from gravel at 52 to 60 feet. Yield reported 100 gpm. Observation well.
703	Hendricks and Hendricks	--	1964	60	7-1/2	60	Qe	1,722	53.6	May 18, 1967	J, E, 1	Ind	Industrial fresh water supply well used in oil field waterflood operation.
704	James W. Brown	Jack Leonard	1967	56	8	56	Qe	1,722	48	Sept. 18, 1967	S, E, 1, 5	S, Irr	Water reported from coarse gravel at 46 to 54 feet. Yield reported 70 gpm.
705	Elmer Holland	--	--	27	--	--	Qe	1,684	22.7	Jan. 16, 1968	J, E	D, S	Dug well.
706	do	-- Martin	1966	79	5	79	PeTv	1,713	54.0	Sept. 29, 1967	C, W	S	Minor amount of water reported from sand and shale at 38 to 42 feet; main water reported from gravel at 42 to 45 feet. Yield reported 3 gpm.
707	do	--	1925?	66	6	66	PeTv	1,710	41.7	Jan. 16, 1968	C, W	S	--
708	Gladys Morrison	--	--	45	--	--	Qe	1,702	33.7	Sept. 29, 1967	J, E	D, S	Dug well.
709	Lina K. Magguer	--	--	37	--	--	Qe	1,715	34.7	Jan. 16, 1968	B, H	S	Do.
									34.6	Jan. 13, 1969			

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- 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			
30-18-710	Phl. J. Little	--	1920?	35	--	--	Qs	1,682	21.5 17.5 16.6	June 25, 1953 Jan. 11, 1968 Jan. 13, 1969	N	N	Minor amount of water reported from sand and shale at 38 to 42 feet; main water reported from gravel at 42 to 45 feet. Yield reported 3 gpm.
* 711	J. T. Smith	-- Moutrey	--	26	--	--	Qs	1,671	21.8 20.1	June 17, 1953 Nov. 3, 1967	Cf, E, I	Ind	Do.
* 712	Milton L. Bryant	Ed Chapman	1967	68	12-3/4	68	Qs	1,746	53.4	Mar. 29, 1968	N	Irr	Well not yet equipped. Water reported from sand and gravel at 60 to 67.5 feet. Yield reported 40 gpm.
* 801	Bill G. Scott	Frank Hill	1960?	80	7 6	5 80	Qs	1,698	34.4	Aug. 30, 1967	C, W	N	--
* 802	J. A. Thorn	A. C. Hiebe	1952	23	--	--	Qs	1,680	21.6 22.0	Jan. 11, 1968 Jan. 16, 1969	J, E	D	Dug well.
* 803	do	--	1955?	35	--	--	Qs	1,668	31.7	Aug. 24, 1967	J, E	N	Do.
* 804	W. W. Wood	--	1945?	25	--	--	Qs	1,676	24.2	Aug. 25, 1967	N	N	Do.
* 805	J. A. Salinas	--	--	90	6	90	Qs	1,701	--	--	J, E	N	Water reported unfit for human consumption.
* 806	Dr. D. G. Porterfield	--	--	62	6	62	Qs	1,700	47.6	Aug. 30, 1967	C, W	S	--
* 807	do	--	--	57	6	57	Qs	1,699	45.5	do	N	N	--
* 808	Davis Brothers Oil Operators	--	1961	53	15	53	Qs	1,722	40	Sept. 26, 1967	T, E, 20	Ind	Industrial fresh water supply well used in oil field waterflood operation. Yield reported 350 gpm.
* 809	Paul Griggs	--	--	24	--	--	Qs	1,666	22.0	Aug. 29, 1967	J, E	D, S	Dug well. Water reported from sand and gravel at 22 to 24 feet.
* 810	W. T. Minter et al.	--	--	50	6	50	Qs	1,700	47.0	Sept. 26, 1967	C, W	S	--
* 901	Winnie C. Jones	Henderson and Johnson	1967	61	6	61	Qs	1,679	51	Mar. 16, 1967	S, E	S	Water reported from sand and gravel at 41 to 52 feet. Yield reported 5 gpm.
* 902	Marvin Rutledge	James Boyd	1966	57	8-5/8	57	Qs	1,686	39.0	Apr. 3, 1967	C, E	D, S	Water reported from sand and gravel at 48 to 55 feet.
* 903	Dr. George Dawson	Johnson and Henderson	1965	66	6-1/4	66	Qs	1,691	56.1	Aug. 9, 1967	C, W, J, G	S	Water reported from sand and gravel at 49 to 62 feet. Yield reported 15 gpm.
* 904	Tex Whitehead	Jack Leonard	1962	55	8	55	Qs	1,682	48.4	Aug. 8, 1967	S, E	D, S	--
* 905	Clyde Cooper	--	--	60	--	--	Qs	1,692	51.4 50.4	Jan. 12, 1968 Jan. 13, 1969	C, W	D	Dug well.
* 906	Ray Vaughn	--	1961	65	--	--	Qs	1,698	53.0	Aug. 22, 1967	C, W, J, E	D, S	Do.
* 907	Mrs. T. R. Jordan	--	1927?	55	--	--	Qs	1,694	47.4	Aug. 25, 1967	J, E	D, S	Do.
* 908	do	-- Hill	1960	90	5-1/4	90	Qs	1,694	60.2	do	J, E	D	Water reported from sand and gravel at 48 to 52 feet.
* 909	E. M. Masters	--	--	59	7	59	Qs	1,693	51.9 53.9	Jan. 12, 1968 Jan. 13, 1969	C, W	S	--
* 19-101	A. T. Halbert	--	--	23	--	--	Qs	1,696	19.7 18.3 18.3	July 6, 1953 Jan. 12, 1968 Jan. 13, 1969	C, W	S	Dug well. Yield estimated 8 to 12 gpm. Well G-13 of Bulletin 5418-J

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASTING		WATER-BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	BELOW LAND SURFACE (ft)	WATER LEVEL		METHOD OF MEASUREMENT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)				DATE OF MEASUREMENT	DATE OF MEASUREMENT			
* 30-18-102	Mrs. J. H. Doty	--	1947	23	--	--	Qs	1,684	20.7 17.3	July 6, 1953 Apr. 3, 1967	N	N	Dug well. Well G-6 of bulletin 5418.J	
* 103	do	--	1945?	29	--	--	Qs	1,678	12.2	do	N	N	Dug well.	
* 104	State of Texas	--	--	Seep	--	--	Qs	1,678	(+)	do	N	N	Seep in vegetative-kill area on the east right-of-way of Farm Road 600. Discharge estimated less than 5 gpm.	
105	Mrs. J. H. Doty	--	1945	15	6	15	Qs	1,678	12.8	do	N	N	--	
† 106	Doty Bluff Creek Unit	Doty Bluff Creek Unit	1958	5,915	10-3/4 7	317 2,898 5-1/2 5,657	Ch	1,642	400	do	C, G	Ind	Industrial salt water supply well used in oil field waterflood operation. Yield reported 40 gpm.	
* 107	A. M. Masters	--	1952	25	--	--	Qs	1,680	21.7 20.3	Jan. 12, 1968 Jan. 13, 1969	J, E	D, S	--	
* 108	Michel Flache	W. D. Clark	1967	73	7	73	Qs	1,720	68.8	Dec. 20, 1967	C, E	D, S	Water reported from sand and gravel.	
* 201	Orville Reynolds et al.	--	--	12	--	--	Qs	1,610	7.7	Aug. 7, 1967	N	N	Dug well.	
* 301	Jim Alexander	Jack Leonard	1966	58	7	58	Qs1	1,544	13.5	Apr. 4, 1967	S, E	D, S	Water reported from sand and gravel at 32 to 47 feet. Yield reported 50 gpm.	
302	Crawford and Hubbard	--	1956	3,547	8-5/8 5	61 1,926	Ipcf	1,571	--	--	--	--	Industrial salt water supply well used in oil field waterflood operation.	
* 401	Roberts and King	O. D. Nichols	1956	46	8	47	Qs	1,714	44.0 47.0	July 6, 1953 Jan. 12, 1968	S, E, 3	Ind	Industrial fresh water supply well used in oil field waterflood operation. Water reported from gravel. Yield reported 300 gpm. Well G-14 of Bulletin 5418.J	
* 402	Walsh and Watts, Incorporated	Gilbert Gaten	1947	57	--	--	Qs	1,680	48.5	Nov. 3, 1967	N	N	Dug well. Unused industrial fresh water supply well formerly used in oil field waterflood operation. Water reported from sand and gravel. Well G-20 of Bulletin 5418.J	
* 403	A. M. Masters	--	1959?	65	8	65	Qs	1,693	46.1	Aug. 4, 1967	C, W	S	--	
404	do	--	--	67	11	--	Qs	1,693	43.5 44.8	do Nov. 13, 1967	N	N	--	
405	do	--	--	65	5-1/2	65	Qs	1,693	44.3 44.6 43.2 43.5	Aug. 4, 1967 Jan. 12, 1968 Sept. 16, 1968 Jan. 13, 1969	N	N	--	
406	Paul H. Short	Jack Leonard	1962	77	12-3/4	77	Qs	1,666	59.3	Aug. 30, 1967	J, E	S	Water reported from sand and gravel at 66 to 74 feet. Yield reported 50 gpm.	
* 407	do	do	1962	77	12-3/4	77	Qs	1,667	59.1	do	T, G, 120	Irr	Water reported from sand and coarse gravel at 66 to 74 feet. Yield reported 250 gpm.	
408	M. E. Connell	J. Bradshaw and M. E. Connell	1958	81	7	81	Qs	1,704	49.3	Aug. 22, 1967	N	N	Unused irrigation well. Water reported from fine sand at 51 to 83 feet.	
* 409	Twin Mountain Oil Company	-- Hollis	1963	83	10-3/4	83	Qs	1,704	52	do	S, E, 2.5	D, Ind	Industrial fresh water supply well used in oil field waterflood operation. Water reported from sand and gravel at 51 to 83 feet.	
410	M. E. Connell	J. Bradshaw and M. E. Connell	1958	75	9-5/8	75	Qs	1,704	52.1	do	N	N	Unused irrigation well. Water reported from fine sand at 51 to 83 feet.	
* 411	Dr. Sol B. Estes	Walsh and Watts	1956	60	7	60	Qs	1,689	58.9	do	S, E, 1.5	S, Irr	Water reported from sand. Yield reported 600 gpm. Well G-16 of Bulletin 5418.J	

See Footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (FEET)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (FEET)	BELOW LAND-SURFACE DOWN (FEET)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN.)	DEPTH (FEET)				DATE OF MEASUREMENT	YIELD (GPM)			
* 30-19-412	Nathan Morris	--	1960	30	14	30	Qs	1,664	23.3	Mar. 4, 1968	N	N	Unused irrigation well.	
413	do	Jack Leonard	1961	50	12-3/4	50	Qs	1,665	31.4	do	N	N	Unused irrigation well. Water reported from sand and gravel at 43 to 50 feet. Yield reported 125 gpm.	
* 501	A. V. Jones and Sons	--	--	57	--	--	Qs	--	--	--	N	N	Well destroyed. Formerly an industrial fresh water supply well used in oil field waterflood operation. Well G-23 of Bulletin 5418.	
* 502	C. E. Boyd	Ed Chapman	1965	30	8	30	Qs	1,610	15	Apr. 17, 1967	J, E	D, S	Water reported from gravel at 25 to 30 feet. Yield estimated 20 gpm.	
503	do	--	--	25	5	25	Qs	1,610	14.4	do	C, E	S	--	
504	do	-- Boyd	1964	20	6	20	Qs	1,615	16.2	do	N	N	Water reported from fine sand at 13 to 16 feet.	
* 505	Ernest Boyd	Ernest Boyd	--	57	6	57	Qs	1,605	33.9	Aug. 4, 1967	J, E	S	Water reported from sand and gravel at about 26 feet.	
* 506	John Middleton	--	1914?	13	--	--	Qs	1,602	9.9	do	Cf, G	S	Dug well.	
* 507	Don Scott	--	--	37	--	--	Qs	1,775	12.0	do	C, W	D, S	Do.	
* 508	B. B. Scott	--	--	25	--	--	Qs	1,560	20.0	Aug. 7, 1967	J, E	D, S	Dug well. Water not used for human consumption.	
* 509	Bill Hampton	--	--	17	--	--	Qs	1,532	16.4	do	J, E	D	Dug well.	
* 510	S. L. Hodges	--	--	19	--	--	Qs	1,567	16.1	Aug. 8, 1967	Cf, E	D, S	Do.	
* 511	Elvin Stice	Jim Rea	1962	39	14	39	Qs	1,630	34.1	do	J, E, 1/3	D, Irr	Water reported from sand and gravel. Yield reported 350 gpm.	
512	do	do	1962	43	11	43	Qs	1,630	32.4	do	J, E, 1/2	N	Unused irrigation well. Yield reported 150 gpm.	
513	do	do	1962	40	15-1/2	40	Qs	1,621	35.8	do	N	N	Unused irrigation well. Water reported from sand and gravel. Yield reported 350 gpm.	
514	do	do	1962	39	14	39	Qs	1,620	33.3	do	N	N	Do.	
515	do	do	1962	40	14	40	Qs	1,638	32.6	do	N	N	Do.	
* 516	do	do	1962	36	11	36	Qs	1,623	26.0	do	N	N	Do.	
* 517	do	--	--	30	5	30	Qs	1,630	21.3	do	C, G	S	--	
* 518	John H. Benchoff	--	--	20	--	--	Qs	1,625	16.7	Jan. 12, 1968	B, H	S	Dug well.	
* 519	James T. Lofton	C-M Drilling Company	1965	40	6-5/8	40	Qs	1,640	36.7	Jan. 13, 1969	J, E	D, S	Water not used for human consumption. Water reported at 23 to 35 feet in sand and gravel. Yield reported 25 gpm.	
* 520	A. E. Harendt	--	1963?	67	7	67	Qs	1,668	48.0	Jan. 12, 1968	J, E	D, S	Water reported at 61 feet.	
* 521	Trin Mountain Oil Company	O. D. Nichols et al.	1951?	34	--	--	Qs	1,665	27.8	do	C, N	N	Dug well. Unused industrial fresh water supply well, formerly used in oil field waterflood operation. Water reported from sand and gravel.	
* 522	D. O. Higgs	--	--	16	--	--	Qs	1,570	12.9	do	Cf, E	D, S	Dug well.	
523	Curtis Harber	W. D. Clark Drilling Company	1968	60	--	--	Qs	1,669	11.7	Jan. 14, 1969	N	N	Test hole. Caved. Water reported from sand and gravel at 35 to 55 feet.	

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- 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			
* 30-19-601	Mack Doty	--	--	23	--	--	Qa1	1,562	15.3	Aug. 7, 1967	J, E	D, S	Dug well.
* 602	do	--	--	22	--	--	Qa	1,564	12	do	J, E	D	Do.
* 603	D. M. Wyatt estate	--	--	12	--	--	Qa1	1,551	12.3	July 6, 1953	C, W	S	Dug well. Water reported from sand and gravel at about 12 feet.
* 604	do	--	1903?	15	--	--	Qa1	1,544	13.5	Aug. 7, 1967	N	N	Dug well. Water reported from sand and gravel.
* 605	O. D. Nichols	--	--	23	--	--	Qa	1,564	16.1	July 6, 1953	J, E	D, S	Dug well. Water not used for human consumption. Well #4 of Bulletin 5418-J
* 606	Schade Brothers Drilling Company	--	1953?	55	8	55	Qa1	1,555	40	Jan. 15, 1968	S, E, 1	Ind	Industrial fresh water supply well used in oil field waterflood operation. Yield reported 14 gpm.
* 607	William Pardue, Jr. and Son	--	1959	5,793	10	140	Ch	1,630	--	--	N	N	Plugged industrial salt water supply well, formerly used in oil field waterflood operation.
* 701	J. W. Kelsey	--	--	42	--	--	Qa	1,667	40.1	June 22, 1953	J, E	D	Dug well. Well L-5 of Bulletin 5418-J
* 702	E. L. Wilson	--	1959	60	10-3/4	60	Qa	1,664	46.2	Aug. 8, 1967	S, E, 3/4	D, S, Irr	Water not used for human consumption. Used for minor irrigation.
* 703	do	--	--	50	--	--	Qa	1,678	48.8	Apr. 18, 1967	Cf, G	S	Dug well. Water level is a pumping level.
* 704	do	--	--	32	--	--	Qa	1,555	25.9	do	C, W	S	Dug well.
* 705	Costalota Incorporated	Johnson and Henderson	1965	68	6-5/8	68	Qa	1,682	49.0	Aug. 9, 1967	S, E	D, S	Water reported from sand and gravel at 48 to 60 feet. Yield reported 30 gpm.
* 706	do	J. H. Smauel	1958?	60	8-3/4	60	Qa	1,678	45.0	do	N	N	Unused industrial fresh water supply well, formerly used in oil field waterflood operation.
* 707	do	Johnson and Henderson	1966	64	10-3/4	64	Qa	1,679	47.5	do	N	N	Unused irrigation well. Water reported from sand and gravel at 50 to 63 feet. Yield reported 275 gpm.
* 708	W. C. Little	--	--	67	6-3/4	67	Qa	1,690	55.7	do	C, W, G	S	Water reported from sand and gravel at 52 to 64 feet. Yield reported 60 gpm.
* 709	Dr. George Dawson	Johnson and Henderson	1965	70	6-1/4	70	Qa	1,691	57.0	do	C, W	S	Water reported from sand and gravel at 48 to 66 feet. Yield estimated greater than 50 gpm.
* 710	Joe M. Black	P. A. Lynn	1963	70	7-5/8	70	Qa	1,684	46.0	do	S, E	D, S, Irr	Dug well.
* 711	Collie Franklin	--	--	49	--	--	Qa	1,652	32.2	Aug. 28, 1967	N	N	Water reported from sand and gravel at 25 to 41 feet. Yield reported 100 gpm.
* 712	do	Johnson and Henderson	1963	46	12-3/4	46	Qa	1,650	33.8	do	S, E, 3	Irr	Water reported from sand and gravel at 29 to 49 feet. Yield reported 135 gpm.
* 713	do	do	1963	53	12-3/4	53	Qa	1,638	39.5	Jan. 24, 1968	S, E, 5	Irr	Dug well.
* 714	do	do	--	50	--	--	Qa	1,661	38.3	do	C, W, J, E	S	Water reported from sand and gravel at 60 to 72 feet. Yield reported 230 gpm.
* 715	Dr. Sol B. Estes	do	1965	72	12	72	Qa	1,694	60.0	Aug. 22, 1967	S, E, 1/2	D, Irr	

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (FEET)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (FEET)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN.)	DEPTH (FEET)			BELOW SURFACE (FEET)	DATE OF MEASUREMENT			
30-19-716	Lillie E. McWilliams	Johnson and Henderson	1967	35	10-3/4	35	Qc	1,640	2-	Apr. 18, 1967	S, E, 1.5	Irr	Water reported from sand and gravel at 22 to 34 feet. Yield reported 50 gpm.
717	do	do	1967	35	10-3/4	35	Qc	1,639	2-	do	S, E, 1.5	Irr	Water reported from sand and gravel at 22 to 34 feet. Yield reported 70 gpm.
718	do	do	1967	35	10-3/4	35	Qc	1,638	2-	do	S, E, 1.5	Irr	Do.
719	Curtis Riggs	Jack Leonard	1962	56	8-5/8	56	Qc	1,668	--	--	S, E, 1/2	Irr	Water reported from coarse sand and gravel at 46 to 54 feet. Yield reported 50 gpm.
801	Andrew J. White et al.	do	1964	30	12	30	Qc	1,475	15.5	Nov. 3, 1967	T, E, 5	Irr	Water reported from sand and gravel at 20 to 27 feet. Yield reported 125 gpm.
802	Jerry Jones et al.	--	--	41	6	41	Qc	1,640	37.1	July 25, 1967	C, W	S	--
803	Lem Ruark	W. F. Carter	1957	29	--	--	Qc	1,581	24.6	do	N	N	Dug well. Water reported from sand and gravel.
804	do	do	1950?	32	--	--	Qc	1,590	29.2	do	C, W, J, E	D, S	Dug well. Water reported from about 4 to 5 feet of sand and gravel.
805	Dr. David S. Ramsey	--	--	16	--	--	Qc	1,603	12.5	Aug. 3, 1967	C, W, J, E	D, S	Dug well.
806	do	--	--	11	--	--	Qc	1,570	5.9	do	Cf., C, J, E	S	Dug well.
807	B. R. Doty	B. R. Doty	1938	13	--	--	Qc	1,565	16.4 12.8	July 29, 1963 Aug. 3, 1967	C, W, J, E	D, S	Dug well. Water reported from gravel at 9 to 15 feet. Well L-2 of Bulletin 5418.
808	Repps Guitart, Sr.	--	--	25	--	--	Qc	1,590	20	Aug. 7, 1967	J, E	D, S	--
809	do	--	--	21	7	21	Qc	1,590	19.7	do	N	N	--
810	do	--	--	21	11	21	Qc	1,590	20.2	do	N	N	--
811	do	--	--	28	6-1/2	28	Qc	1,600	22.5	do	J, E	N	--
812	do	--	--	24	8	24	Qc	1,590	16.3	do	N	N	--
813	Elvin Stice	--	--	30	--	--	Qc	1,600	2.8	do	N	N	Dug well. In an extensive vegetative-kill area.
814	George W. Keese	-- Hill?	1951?	60	6	22	Qc	1,575	17.7	Aug. 29, 1967	J, E	D, S	Water reported from sand and gravel at 20 to 22 feet.
815	Wade Meadows, Jr.	--	--	Spring	--	--	Qc	1,610	(+)	do	N	N	Spring discharge estimated less than 1 gpm.
816	Andrew J. White et al.	Jack Leonard	1967	29	12-3/4	29	Qc	1,567	18.4 16.4	Nov. 3, 1967 Jan. 13, 1969	T, E, 5; J, E	D, Irr	Water reported from sand and gravel at 19 to 27 feet. Yield reported 125 gpm.
817	do	do	1967	31	12-3/4	31	Qc	1,570	17.6	do	T, E, 7.5	Irr	Water reported from sand and gravel at 21 to 29 feet. Yield reported 200 gpm.
901	Dr. David S. Ramsey	--	--	24	--	--	Pe1	1,660	8.4	Aug. 3, 1967	J, E	D, S	Dug well.
20-102	W. F. Baker	--	--	Seep	--	--	Qa1	1,550	(+)	Apr. 5, 1967	N	N	Seep discharges from coarse sand and gravel.
401	H. L. Albaugh	Lattimer Brothers	1958	2,240	10-3/4 7	22 1,635 5-1/2, 2, 168	IPsw	1,596	1,500	Sept. 15, 1966	C, E, 50	Ind	Industrial salt water supply well used in oil field waterflood operation. Yield reported 21 gpm.
702	J. C. Duff	Jack Bradshaw	1959	35	6	35	Qa1	1,602	--	--	C, W	N	--
25-101	Carl Jackson	Bob Dennis	1952	120	10	20	PeTv	1,800	40 36.2	Dec. 10, 1959 Feb. 24, 1967	T, E, 5	Irr	Water reported mainly from red dolomite at 95 to 100 feet. Yield reported 165 gpm. Well K-7 of Bulletin 5418.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	BELOW LAND SURFACE DATUM (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)				DATE OF MEASUREMENT	DATE OF MEASUREMENT			
30-25-102	Carl Jackson	Bob Dennis	1952	120	8	20	Pcfv	1,800	40	Dec. 10, 1959	T, E, 5	N	Unused irrigation well. Water reported from red porous dolomite at 95 to 100 feet. Yield reported 145 gpm.	
* 103	Tinah H. Bumpass	Woodley Petroleum Company	1952	62	6	--	Qa, Pefc	1,764	12.0 11.1	Jan. 16, 1968 Jan. 14, 1969	N	N	Unused industrial well, formerly used for a water source during development of oil field.	
* 104	Carl Jackson	Bob Dennis	1952	120	8	25	Pcfv	1,809	54.0 46.9	June 24, 1953 Feb. 24, 1967	S, E, 3	Irr	Water reported mainly from red porous dolomite at 95 to 100 feet. Yield reported 60 gpm. Well K-9 of Bulletin 5418-J.	
* 105	do	do	1946	72	10 3	25 45	Qs	1,801	20	do	C, W	D, S	Water reported at 40 feet (cased off); main water reported from gravel at 65 to 70 feet. Yield reported 35 gpm.	
106	do	--	1933	72	6	25	Qs	1,802	26.1	do	C, W	N	Minor amount of water reported at 40 feet; main water reported from gravel at 65 to 70 feet.	
* 107	do	Robert Higgins	1953	120	12	20	Pcfv	1,804	46.1	do	S, E, 2	Irr	Water reported from red porous dolomite at 95 to 100 feet. Yield reported 40 gpm.	
108	Herman A. Reeves	Hunt Oil	1944	40	5-1/2	40	Qs	1,798	--	--	J, E	S	Former oil test, originally drilled to 4,420 feet, plugged back to 40 feet. Water reported from gravel at 12 to 25 feet. Yield reported greater than 6 gpm.	
* 109	C. F. Hill	--	--	40	6	--	Pefc	1,768	11.2	Sept. 25, 1967	J, E	S	Dug well.	
* 110	J. E. Touchstone	Ed Chapman	1964	82	12	25	Pcfb	1,727	19.8	Nov. 24, 1967	T, G	Irr	Water reported from blue shale breaks (dolomites?) at 12 to 58, 58 to 60, and 79 to 82 feet. Yield reported 550 gpm.	
* 111	do	--	--	80	6	--	Pcfb	1,739	31.4	do	J, E	D, S	--	
112	do	--	1907?	70	6	--	Pcfb	1,739	33	do	C, W	S	--	
* 113	W. D. Ramsey	--	--	69	7	63	Qs, Pefc	1,745	22.4 20.1	Dec. 21, 1967 Jan. 14, 1969	J, E	D, S	Originally a shallow weak well; later deepened.	
* 114	Tinah H. Bumpass	--	1953?	95	8	--	Pcfb	1,767	35	Jan. 3, 1968	J, E	D, S	Water reported in break in the redbeds at 30 to 35 feet.	
* 115	J. B. Griffin, Sr.	Robert Higgins	1966	73	5-1/2	69	Pefc	1,770	16.2	Dec. 10, 1968	C, W	S	Water reported at 25 to 26, 48 to 50, and 65 to 66 feet in break in clay. Yield reported 35 gpm.	
* 116	Hugh Taylor	--	--	200	10	--	Qs	1,779	21.4	Dec. 12, 1968	J, E	D	--	
* 201	Homer C. Reeves	--	--	29	--	--	Pcfv	1,682	17.2 14.4	July 13, 1953 Nov. 29, 1967	N	N	Dug well. Well K-6 of Bulletin 5418-J.	
* 202	Edward J. Cooley	Robert Higgins	1967	85	10-3/4	85	Pcfb	1,702	19.2 18.8	Jan. 24, 1968 Jan. 14, 1969	T, E, 15	Irr	Water reported at 40 to 42, 60 to 66, and 76 to 77 feet from breaks in clay. Measured yield 230.54 gpm. Observation well.	
203	do	--	--	30	6	--	Qa1	1,703	10.8	do	C, W	S	--	
* 204	Richard Cooley	--	1960?	--	--	--	Pcfb	1,725	18.3	do	J, E	D, S	--	
* 205	Ab Hunter, Jr.	--	1937	28	6	28	Qa1	1,720	0.2	Mar. 18, 1968	Cf, E, 7.5	Irr	Yield reported 30 gpm.	
206	do	--	1946	28	6	--	Qa1	1,720	0.0	do	Cf, E, 7.5	Irr	Yield reported 120 gpm.	
* 207	do	Ed Chapman	1967	75	10-3/4	25	Pcfb	1,705	7.4	do	N	N	Unused irrigation well. Water reported from blue shale streaks at 37 to 38, 47 to 48, and 48 to 75 feet.	

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (FEET)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (FEET)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN.)	DEPTH (FEET)			BELOW LAND-SURFACE (FEET)	DATE OF MEASUREMENT			
* 30-25-208	Ab Hunter, Jr.	--	1936?	43	6	--	Pcfc	1,718	14.9	Mar. 18, 1968	C, M	S	--
* 209	do	Frank Hill	1955	43	6	17	Qs	1,718	11.9	do	J, E	D	Water reported from sand and gravel at about 43 feet. Yield reported 50 gpm.
* 210	Johnny Devaney	Jack Leonard	1967	32	12-3/4	32	Qs1	1,715	--	--	S, E, 2	Irr	Water reported from sand and gravel at 18 to 25 feet. Yield reported 50 gpm.
* 301	Edward J. Cooley	Robert Higgins	1962	53	7	53	PcFb	1,766	20	Feb. 7, 1967	J, E	D, S	Water reported from blue clay at 51 to 53 feet. Yield reported 20 gpm.
* 302	do	do	1963	80	8	20	PcFb	1,768	23.6	do	J, E	D, S	Water reported from blue clay at 75 feet. Yield reported 20 gpm.
* 303	Wayne Cook	Jack Leonard	1967	32	12-3/4	32	Qs	1,734	5.7 6.1	Jan. 16, 1968 Jan. 10, 1969	S, E, 3	Irr	Water reported from sand and gravel at 18 to 26 feet. Measured yield 73.6 gpm.
* 304	J. E. McCoy, Jr.	--	1927?	16	--	--	Qs	1,735	8.8	Dec. 20, 1967	Cf, E, 1	Irr	Dug well. Measured yield 20.9 gpm.
* 305	do	-- Pritchard	1963	60	14	--	Qs	1,738	13.1	do	Cf, E, 1	Irr	Water reported from sand and gravel. Yield reported greater than 40 gpm.
* 306	do	do	1963	60	14	--	Qs	1,737	10.4	do	Cf, E, 1	Irr	Water reported from sand and gravel. Measured yield 50 gpm.
* 307	do	--	--	Spring	--	--	Qs	1,723	(+)	do	N	N	Spring flows from base of Seymour sand and gravel. Discharge estimated 5 gpm.
* 308	Rex A. Smith	--	1937?	45	--	--	PcFv	1,670	14.5	Dec. 27, 1967	C, M, J, E	D, S	Originally a dug well; drilled deeper. Water reported at 23 to 35 feet.
* 309	do	Frank Hill	1957	65	8	--	PcFv	1,675	26.2	do	C, E	S	Water reported at 45 feet.
* 401	Edward J. Cooley	Robert Higgins	1960	40	6	40	Pcfc	1,768	15.5	Feb. 7, 1967	J, E	S	Water reported from gray streaks in clay at 36 to 37 feet. Yield reported 10 gpm.
* 402	Union Oil of California	El Chorro Drilling Company	1962	5,934	8-5/8 5-1/2	129 5,716	Gh	1,762	450	Aug. 15, 1968	C, E, 30	N	Unused industrial salt water supply well. Originally used for field waterflood operation. Yield reported 57 gpm.
* 501	B. L. Hobbs	--	1905?	78	6	--	PcFb	1,806	12.6	Dec. 19, 1967	C, M	D, S	Water reported at 65 and 70 feet in break redbeds.
* 502	J. B. Brooming	Tye Sublett	1963	60	6	40	PcFb	1,803	20	do	J, E	D	Minor amount of water reported from sand and gravel at 27 feet (cased off); main water reported from thin streak in the redbeds.
* 503	E. L. Tarpley	--	--	65	6	30	PcFv	1,803	12.3	do	J, E	D, S	--
* 504	do	Robert Higgins	1961	70	--	--	PcFv	1,801	14	do	J, E	S	Water reported at about 50 feet in slightly sandy clay streaks. Yield reported 7 gpm.
* 505	J. C. Jones	--	1902?	83	6	30	PcFv	1,775	18.9	Dec. 21, 1967	J, E	D, S	--
* 506	M. C. Church	--	1942	85	--	--	Qs, PcFb	1,784	10	Jan. 3, 1968	J, E	P	Supplies several families.
* 507	Norman Sloan	Higgins and Sons Drilling Company	1966	75	5-1/2	75	PcFb	1,781	30	Mar. 26, 1966	J, E	D, S	Water not used for human consumption. Water reported from breaks in clay at 36 to 42 and 55 to 55 feet. Yield reported 70 gpm.
* 601	W. D. Baker et al.	--	--	26	--	--	Qs	1,738	3.9	Jan. 16, 1968	N	N	Dug well.
* 602	do	--	--	20	5	20	Qs	1,754	7.3	Apr. 20, 1967	C, M	S	--

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (FEET)	CASING		ALTITUDE OF LAND SURFACE (FEET)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN.)	DEPTH (FEET)		BELOW LAND SURFACE (FEET)	DATE OF MEASUREMENT			
* 30-25-603	M. G. Hollway	Robert Higgins	1956	25	6	19	1,746	22.8	Nov. 30, 1967	N	N	Originally drilled to 90 feet; caved at 24.5 feet. Water reported from clay breaks at 30 and 80 feet. Yield reported 3 gpm.
* 604	J. D. Woodard	-- Isabell	1963	35	8	35	1,756	9.5 9.0	Jan. 16, 1968 Jan. 15, 1969	J, E	D, S	Water reported from sand and gravel at 17 to 20 feet.
* 605	O. J. Elkes	--	1940	30	6	30	1,755	7.2 7.5	Jan. 3, 1968 Jan. 14, 1969	C, W	D	Water not used for human consumption. Water reported from sand and gravel at 17 to 21 feet.
* 701	E. L. Terpilo	--	--	50	6	--	1,784	12.9	Dec. 19, 1967	J, E	D	--
* 801	Union Texas Petroleum	--	1953?	125	12	--	1,807	23.4 14	Aug. 18, 1960 Jan. 4, 1968	T, E, 5	Ind	Supplies a natural gas processing plant. Water reported from blue streaks in red clay. Yield reported 35 gpm. Well K-22 of Bulletin 5418-J
* 802	do	--	1953?	125	10	--	1,819	12.9	do	T, E, 3	Ind	Supplies a natural gas processing plant. Water reported from blue streaks in red clay. Yield reported 25 to 30 gpm. Well K-19 of Bulletin 5418-J
* 803	do	--	1953?	125	10	--	1,817	--	--	T, N	N	Formerly supplied a natural gas processing plant. Water reported from blue streaks in red clay. Yield reported greater than 10 gpm. Well K-18 of Bulletin 5418-J
* 804	do	--	1953?	115	10	--	1,812	--	--	T, N	N	Formerly supplied a natural gas processing plant. Yield reported greater than 10 gpm. Well K-15 of Bulletin 5418-J
* 805	do	--	1953?	125	10	--	1,808	--	--	N	N	Formerly supplied a natural gas processing plant. Water reported from blue streaks in red clay. Yield reported 35 gpm. Well K-23 of Bulletin 5418-J
* 806	do	--	1953?	125	10	--	1,811	--	--	N	N	Formerly supplied a natural gas processing plant. Water reported from blue streaks in red clay. Yield reported 35 gpm. Well K-23 of Bulletin 5418-J
* 807	J. H. F. Jones	--	1920?	115	6	20	1,800	9.5	Dec. 10, 1968	J, E	D	Water reported at 79.5 feet.
* 901	Fred Shotwell	--	--	90	6	--	1,733	10.1	Nov. 30, 1967	C, E	D	Water not used for human consumption.
* 902	Mrs. H. Arwine	--	--	40	--	--	1,710	38.6 9.9	July 13, 1953 Nov. 30, 1967	C, W, J, E	D, S	Dug well. Water not used for human consumption. Well K-13 of Bulletin 5418-J
* 903	do	--	--	55	--	--	1,709	6.2	Jan. 25, 1968	C, W	S	Dug well. Well K-14 of Bulletin 5418-J Specific conductance 2,038 micromhos/cm ³ at 63°F.
* 904	C. T. McCormick	--	--	15	--	--	1,744	4.4	Jan. 3, 1968	C, H	N	Dug well.
* 905	J. David Proctor	--	--	60	6	--	1,726	10.7 12.7	Jan. 4, 1968 Jan. 14, 1969	N	N	Dug well.
* 906	D. H. Reddin	--	--	15	--	--	1,758	6.5 8.7	Jan. 4, 1968 Jan. 14, 1969	C, N	N	Do.
* 26-101	Weldon Johnson	--	1925?	26	--	--	1,645	20.1 19.1	Jan. 15, 1968 Jan. 13, 1969	N	N	Do.
* 102	Barnett Moore	Higgins and Malone	1951	67	6	--	1,727	9.0	Nov. 29, 1967	J, E	N	Water reported from sandstone at about 67 feet.
* 103	Durwood McCoy	--	--	36	--	--	1,734	12.4 13.5	Jan. 16, 1968 Jan. 14, 1969	N	N	Dug well.
* 104	do	--	1947	100	6	100	1,734	18	Nov. 29, 1967	J, E	N	Well K-10 of Bulletin 5418-J

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- 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
					DIAM. FROM (in.)	DEPTH (ft.)			BELOW SURFACE (ft.)	DATE OF MEASUREMENT			
* 30-26-105	Durood McCoy	Higgins and Malone	1955	100	6	100	Qs, Pctv	1,734	18	Nov. 29, 1967	J, E	D, S	Water not used for human consumption. Water reported from sand and gravel at about 20 feet and from clay at 75 feet.
* 106	Lonnie Maxcey	--	1930?	35	6	--	Qs	1,709	10.9 10.5	Jan. 16, 1968 Jan. 14, 1969	J, E	S	--
* 107	E. R. Rumpass estate	--	--	Spring	--	--	Qs	1,690	3.9	Mar. 18, 1968	N	N	Spring excavated to depth of 7 feet. Floos from base of Seymour sand and gravel. Discharge estimated 10 gpm.
* 201	Jim Polk	Wayne Carter	1956	28	--	--	Qs	1,652	19.7	Aug. 24, 1967	C, W, J, E	S	Dug well.
* 202	do	do	1955	23	--	--	Qs	1,660	21.2	do	N	N	Dug well. Water reported from sand and gravel at 15 to 23 feet. Yield reported 60 gpm.
* 203	Kimble Oil Company	--	1937?	26	--	--	Qs	1,664	23.6	do	J, E	Ind	Dug well. Industrial fresh water supply well used in oil field waterflood operation. Water reported at about 15 feet in sand and gravel. Water level is a pumping level.
* 204	Jim Polk	--	--	26	--	--	Qs	1,665	24.3	do	C, W	S	Dug well.
* 205	Kimble Oil Company	Wayne Carter	1955	26	--	--	Qs	1,666	23.5	do	J, E	Ind	Dug well. Industrial fresh water supply well used in oil field waterflood operation. Water reported from sand and gravel at 10 to 25 feet.
* 206	Fred Gerlack	--	1940?	21	--	--	Qs	1,654	19.1	do	C, E	D, S	Dug well.
* 207	Charles Mayburn	--	--	26	--	--	Qs	1,646	21.3	Sept. 29, 1967	J, E	D	Do.
* 208	Waldon Johnson	--	1920+	33	--	--	Qs	1,650	24.2	do	N	N	Do.
* 209	do	--	1920+	29	--	--	Qs	1,646	17.3	Jan. 15, 1968	J, E	S	Do.
* 210	Mrs. W. A. Carter	-- Carter	1944	23	--	--	Qs	1,643	19	Nov. 10, 1967	J, E	D	Dug well. Water not used for human consumption. Water reported from sand and gravel. Well 1-6 of bulletin 5418. J
* 211	B. J. Cook	B. J. Cook	1951	26	--	--	Qs	1,636	24.5 20.8	June 22, 1953 Nov. 10, 1967	J, E	D, Ind	Dug well. Supplies a laundry. Water reported from sand and gravel at 10 to 22 feet. Well 1-8 of bulletin 5418. J
* 212	E. E. Bristow	--	--	30	--	--	Qs	1,654	28.8 18.3	June 22, 1953 Nov. 10, 1967	J, E	N	Dug well. Well 1-7 of bulletin 5418. J
* 213	State of Texas	--	--	Spring	--	--	Qs	1,660	(+)	Nov. 27, 1967	N	N	Spring flows from base of Seymour sand and gravel. Discharge estimated 10 gpm.
* 214	do	--	--	19	--	--	Qs	1,681	10.4 10.9	Jan. 16, 1968 Jan. 14, 1969	N	N	Dug well.
* 215	do	--	--	21	--	--	Qs	1,681	9.9	Dec. 18, 1967	N	N	Do.
* 216	Jack Morrow	Johnson and Henderson	1964	27	10-3/4	27	Qs	1,695	18	Dec. 27, 1967	N	N	Unused irrigation well. Water reported from sand and gravel at 10 to 25 feet. Yield reported 207 gpm.
* 217	do	do	1964	27	10-3/4	27	Qs	1,697	18	do	T, E, 5	Irr	Water reported from sand and gravel at 12 to 25 feet. Yield reported 100 gpm.
* 218	do	do	1967	27	10-3/4	27	Qs	1,697	18	do	T, E, 5	Irr	Water reported from sand and gravel at 14 to 23 feet. Yield reported 250 gpm.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (FE)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (FE)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN.)	DEPTH (FE)			BELOW LAND-DATUM (FE)	DATE OF MEASUREMENT			
* 30-26-219	Collie Franklin	Wayne Carter	1956	26	--	--	Qs	1,642	15.4 17.6	Jan. 24, 1968 Jan. 16, 1969	J, E	D, S	Dug well. Water not used for human consumption.
* 220	Ablene Christian College	--	--	18	--	--	Qs	1,632	14.1	July 18, 1967	N	N	Unused irrigation well, dug in the bottom of gravel pit. Water issues from gravel.
* 221	do	--	--	19	--	--	Qs	1,632	10.9	do	Cf, N	N	Do.
* 222	do	--	--	12	--	--	Qs	1,628	11.6	do	J, E, 1/2	N	Do.
* 223	do	--	--	13	--	--	Qs	1,628	9.9	do	N	N	Do.
* 224	do	--	--	25	--	--	Qa1	1,622	19.7	do	N	N	Dug well.
* 225	Clark and Cowden Production Company	--	1958	3,575	10 7	60 3,431	Ipa	1,635	--	--	N	N	Unused industrial salt water supply well, formerly used in oil field waterflood operation.
* 301	Leroy Burleson	Hollie Davis	1957	37	16	37	Qs	1,625	24 24.0	Dec. 24, 1959 Mar. 8, 1967	T, E, 3	Irr	Water reported from sand and gravel at 24 to 37 feet. Yield reported 80 gpm.
* 302	Wanda Rounsaville	--	1949?	40	--	--	Qs	1,660	30.9	Jan. 18, 1967	S, E	D, S	Dug well.
* 303	Mrs. E. P. Timmons	-- Mallard	--	35	--	--	Qs	1,640	24.2	do	S, E	D, S	Do.
* 304	Winnie C. Jones	-- Hill	1957	50	5-3/4	50	Qs	1,632	32.0 30.4 30.2 29.2 29.7	Jan. 25, 1967 Nov. 13, 1967 Jan. 12, 1968 Sept. 16, 1968 Jan. 13, 1969	C, W	S	Observation well.
* 305	C. Ronald Young	--	1942?	40	--	--	Qs	1,625	12.3	Mar. 6, 1967	N	N	Dug well.
* 306	do	--	--	32	--	--	Qs	1,625	28.6	do	C, W	S	Do.
* 307	do	George Young	1955	31	--	--	Qs	1,623	25.8	do	J, E	D, S	Dug well. Water reported from sand and gravel.
* 308	A. C. Newton	--	--	27	--	--	Qa1	1,602	23.0	Mar. 8, 1967	J, E	D	Dug well.
* 309	D. H. Coonrod	Jack Leonard	1962	40	10-3/4	40	Qs	1,630	24.1	do	T, E, 7.5	Irr	Water reported from coarse gravel and sand at 24 to 34 feet. Measured yield 200 gpm.
* 310	do	--	1966	27	5	27	Qs	1,630	23.8	do	C, W	S	--
* 311	Leroy Burleson	Wayne Carter	1955	24	--	--	Qs	1,617	21.3	Mar. 8, 1967	C, W, J, E	D, S	Dug well.
* 312	T. L. Sellers	Jack Leonard	1964	42	16	42	Qa1	1,602	22.5	Apr. 17, 1967	T, E, 10	Irr	Water reported from sand and gravel at 24 to 36 feet. Yield reported 225 gpm.
* 313	do	--	--	20	--	--	Qa1	1,600	18.4	Mar. 16, 1967	C, W	N	Dug well.
* 314	do	--	--	Spring	--	--	Qa1	1,592	--	--	--	N	Spring not flowing March 16, 1967.
* 315	do	--	1917?	19	--	--	Qs	1,609	15.6	Mar. 16, 1967	J, E	D	Dug well. Yield reported 20 gpm.
* 316	do	Jack Leonard	1964	42	16	42	Qa1	1,603	19.7	Apr. 17, 1968	T, E, 7.5	Irr	Water reported from sand and gravel at 30 to 37 feet. Yield reported 200 gpm.
* 317	do	do	--	42	8	42	Qa1	1,603	25.9	do	C, W, J, E	D, S	Water reported from sand and gravel at 22 to 38 feet. Yield reported 180 gpm. Water not used for human consumption.
* 318	O. J. Young estate	--	--	22	--	--	Qs	1,628	18.4	July 17, 1967	J, E	D, S	Dug well. Water reported from sand and gravel.
* 319	G. L. Shepard estate	--	1920?	25	--	--	Qs	1,639	21.6	July 18, 1967	J, E	D, S	Dug well.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATERS BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* 30-26-320	Mrs. A. F. Young estate	Wayne Carter	1953	22	--	--	Qs	1,623	18.7	do	J, E	D, S	Dug well. Water reported from coarse sand and gravel.
321	do	--	1920?	25	--	--	Qs	1,623	21.5	do	N	N	Dug well.
* 322	J. C. Brown	--	1919	30	--	--	Qs	1,648	28.6	Jan. 12, 1968	J, E	D, S	Do.
* 323	C. D. Hicks	Jack Leonard	1962	28	12-3/4	28	Qs	1,637	19.6	July 25, 1967	Cf, E, 1	Irr	Water reported from sand and gravel at 20 to 28 feet. Yield reported 150 gpm.
* 324	do	Wayne Carter	1947	22	--	--	Qs	1,629	21.2 21.1	Jan. 12, 1968 Jan. 16, 1969	J, E	D, S	Dug well. Yield reported 15 gpm.
* 325	Medford McCoy	Hollis Davis	1962	30	24 14	15 30	Qs	1,617	22.1	July 24, 1967	N	N	Unused irrigation well. Water reported from sand and gravel at 20 to 30 feet.
* 326	H. H. Hollis, III	--	--	22	--	--	Qs	1,631	20.3	Aug. 21, 1967	J, E	D	Dug well. Water reported from sand and gravel at about 17 feet.
327	do	--	--	26	7	26	Qs	1,633	18.3	do	C, W	S	--
* 328	George H. Walker et al.	--	--	23	--	--	Qs	1,628 21.3	22.2 21.3	Jan. 12, 1968 Jan. 16, 1969	C, W	N	Dug well.
* 329	B. J. Rutledge	--	1934?	25	--	--	Qa1	1,601	20.8	Dec. 21, 1967	C, W	N	Do.
* 330	Floyd Gooch	--	1964	30	10	30	Qa1	1,606	15	Oct. 20, 1968	S, E, 5	Irr	Water reported from sand and gravel at 23 to 30 feet. Yield reported greater than 300 gpm.
331	do	--	1964	30	24	30	Qa1	1,602	20	do	Cf, E, 10	Irr	Water reported from sand and gravel at 23 to 30 feet. Yield reported 300 gpm.
* 332	T. L. Sellers	Jack Leonard	1968	30	2-7/8	26	Qs	1,610	--	--	N	N	Test hole, drilled as observation well for future pump test. Water reported at 12 to 18 and 19 to 24 feet from gravel.
* 401	J. M. Crawford	--	1928?	30	--	--	Qs	1,680	5.6 9.6	Jan. 16, 1968 Jan. 14, 1969	C, N	N	Dug well.
402	W. H. Cook	--	--	19	--	--	Qs	1,695	18.0 14.1 13.1	July 29, 1953 Jan. 16, 1968 Jan. 14, 1969	N	N	Dug well. Well K-11 of Bulletin 5418.
* 403	W. R. Biggs	--	--	18	--	--	Qs	1,711	8.5	Nov. 30, 1967	J, E	N	Dug well.
* 404	C. H. Stokes estate	--	--	24	--	--	Qs	1,681	9.9	Dec. 20, 1967	C, W	N	Dug well. Water reported from sand and gravel.
* 405	J. David Proctor	--	--	68	5-1/2	68	Pcfv	1,685	32.2	Jan. 4, 1968	N	N	Well K-12 of Bulletin 5418.
* 501	Bernice H. Simpson	--	1916?	18	--	--	Pcfv	1,668	7.3	Feb. 7, 1967	C, E	D, S	Dug well.
* 502	Jack Morrow	Johnson and Henderson	1964	27	16	27	Qa	1,692	18	Dec. 27, 1967	Cf, E, 5	Irr	Water reported from sand and gravel at 18 to 25 feet. Yield reported 75 gpm.
* 503	Alton Hurd	Alton Hurd et al.	1964	22	--	--	Qs	1,628	10.6	Dec. 20, 1967	J, E	D	Dug well. Water reported from 1.5 feet of sand and gravel at about 12 feet. Water not used for human consumption.
* 504	Jones County	--	--	Seep	--	--	Qs	1,680	(+)	Dec. 27, 1967	N	N	Seep in vegetative-kill area. Probably flow from Seymour sand and gravel. Discharge estimated less than 5 gpm.
* 601	Mrs. Mary L. Sellers	Jack Leonard	1965	34	12-3/4	34	Qa1	1,605	19.5	Apr. 3, 1967	T, E, 15	Irr	Water reported from sand and gravel at 23 to 32 feet. Yield reported 250 gpm.
* 602	E. W. Faulks	--	1935?	19	--	--	Qs	1,640	14.3 13.9	Jan. 16, 1968 Jan. 14, 1969	B, H	D, S	Dug well.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (FEET)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (FEET)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN.)	DEPTH (FEET)			BELOW SURFACE DATUM (FEET)	DATE OF MEASUREMENT			
* 30-26-701	C. P. Arwine	Robert Higgins	1966	60	7	33	Qs	1,695	23.5	Jan. 3, 1968	J, E	D, S	Water reported from sand and gravel at 18 to 25 feet. Yield reported 8 gpm.
* 702	J. David Proctor	--	--	43	5-1/2	60	FeTv	1,678	15.0	Jan. 14, 1969	N	N	Dug well.
* 703	do	Ed Chapman	1964	24	12-3/4	24	Qa1	1,681	19.4	Jan. 4, 1968	J, E	D, S	Water reported from sand and gravel at 18 to 22 feet. Yield reported greater than 25 gpm.
* 704	do	do	1964	24	12-3/4	24	Qa1	1,687	8	do	C, N	N	Water reported from sand and gravel at 16 to 22 feet. Yield reported greater than 25 gpm.
* 705	do	do	1964	24	10-3/4	24	Qa1	1,670	9.9	do	N	N	Water reported from sand and gravel at 17 to 22 feet. Yield reported 35 gpm.
* 706	do	--	--	72	8	72	FeTv	1,678	12.0	do	N	N	--
* 27-101	G. Ronald Young	Hollis Davis	1954	35	60	18	Qs	1,620	25	Dec. 24, 1959	Cf, E,	Irr	Water reported from gravel at 23 to 38 feet.
* 102	do	do	1955	38	40	14	Qs	1,617	25	Dec. 24, 1959	T, E,	Irr	Do.
* 103	do	do	1958	38	40	12	Qs	1,618	25	Dec. 24, 1959	T, E,	Irr	Water reported from sand and gravel at 23 to 38 feet. Measured yield 180 gpm.
* 104	do	do	1958	36	12-3/4	36	Qs	1,620	23.0	Mar. 6, 1967	T, E,	N	Unused irrigation well. Water reported from gravel at 23 to 38 feet.
* 105	do	Malone and Higgins	1952	42	14	42	Qs	1,616	21.2	June 22, 1953	N	N	Unused irrigation well. Well L-11 of Bulletin 5418-J
* 106	do	G. R. Young	1953	28	11	28	Qs	1,510	26.0	June 22, 1953	N	N	Unused irrigation well. Yield reported 40 gpm.
* 107	do	Malone and Higgins	1952	42	14	42	Qs	1,610	22	do	T, E,	Irr	Well L-13 of Bulletin 5418-J. Yield estimated 100 gpm.
* 108	do	--	--	20	--	--	Qs	1,612	18.1	Mar. 6, 1967	N	N	Dug well.
* 109	E. E. Newton	--	--	23	--	--	Qs	1,618	14.8	Jan. 12, 1968	Cf, E	D, S	Dug well. Water reported from sand and gravel. Yield reported 125 gpm.
* 110	do	--	--	25	--	--	Qs	1,630	22.8	Mar. 8, 1967	N	N	Dug well.
* 111	do	Hollis Davis	1962	22	16	22	Qs	1,615	12	do	Cf, E,	Irr	Water reported from sand and gravel at 12 to 22 feet. Yield reported 175 gpm.
* 112	do	do	1962	23	16	23	Qs	1,616	17.3	do	N	N	Unused irrigation well. Water reported from sand and gravel at 12 to 23 feet. Yield reported 120 gpm.
* 113	L. R. Newton	--	--	26	--	--	Qa1	1,600	19.8	do	C, W,	D	Dug well. Water reported from sand and gravel.
* 114	Dr. Jack Ramsey	Johnson and Henderson	1968	40	12	40	Qs	1,617	--	do	T, E,	Irr	Measured yield 73 gpm.
* 115	J. W. Kelsoy	Jack Leonard	1964	46	12	46	Qs	1,667	42.3	Aug. 8, 1967	S, E,	Irr	Water reported from sand and gravel at 44 to 48 feet. Yield reported 75 gpm.
* 116	L. R. Newton	--	--	Spring	--	--	Qa1	1,600	(+)	do	--	N	Spring flows from sand and gravel.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	CASING		WATER BEARING UNIT	ALTITUDE OF WATER SOURCE (ft)	WATER LEVEL		METHOD OF TEST	USE OF WATER	REMARKS
				DEPTH (ft)	DIAM-ETER (in.)			DATE OF MEASUREMENT	HEAD OF WATER (ft)			
* 30-27-117	Mrs. J. T. Williams	Mr. Williams	1957	30	--	Qa1	1,602	22.5	Aug. 9, 1967	J, E	D, S	Dug well. Water reported from sand and gravel at 20 to 29 feet.
118	do	Jack Leonard	1962	30	--	Qa1	1,602	--	--	T, E, 7.5	Irr	Water reported from sand and gravel at 20 to 29 feet.
119	do	do	1962	32	8-5/8	Qa1	1,605	19.7	Mar. 8, 1967	T, E, 3	Irr	Water reported from sand and gravel at 23 to 30 feet. Yield reported 40 gpm.
120	do	do	1965	32	12-3/4	Qa1	1,606	20.5	do	T, E, 5	Irr	Water reported from sand and gravel at 23 to 30 feet. Yield reported 150 gpm.
* 121	Bill Sims	--	1962	30	--	Qa1	1,606	20.3	do	J, E	D	--
* 122	Bertie Newton	Clyde Young	1923	13	--	Qa	1,600	7.4	do	Cf, E	D	Dug well.
123	do	Henderson and Johnson	1964	20	10	Qa	1,600	6.3	do	Cf, G	Irr	Water reported from sand and gravel at 4 to 20 feet. Yield reported 300 gpm.
124	do	do	1964	23	10	Qa	1,600	5.9	do	T, G, 92	Irr	Water reported from sand and gravel at 6 to 20 feet. Yield reported 600 gpm.
* 125	do	--	1933	14	--	Qa	1,604	13.1	do	N	N	Dug well.
126	do	--	--	18	--	Qa	1,605	13.9	do	N	N	Dug well. Water reported from sand and gravel.
* 127	do	--	--	21	--	Qa	1,607	11.5	do	N	N	Dug well. Water reported from sand and gravel at about 14 to 16 feet.
* 128	S. C. Tilley	--	--	30	--	Qa	1,610	20.2	Mar. 17, 1967	J, E	D	Dug well.
* 129	Mrs. Mary I. Sellers	-- Sellers	1952	36	--	Qa1	1,601	24.0	Mar. 16, 1967	T, E, 15	Irr	Water reported from sand and gravel at 22 to 32 feet. Yield reported 400 gpm.
130	do	Jack Leonard	1964	34	16	Qa1	1,601	22.5	do	T, E, 15	Irr	Water reported from sand and gravel at 22 to 32 feet. Yield reported 60 gpm.
* 131	do	do	1964	34	16	Qa1	1,602	20.1	do	S, E	D, S	Water reported from sand and gravel at 22 to 32 feet. Yield reported 60 gpm.
132	T. L. Sellers	do	1964	32	16	Qa	1,610	20.5	Mar. 17, 1967	T, E, 10	Irr	Water reported from sand and gravel at 16 to 28 feet. Yield reported 200 gpm. Observation well.
133	do	--	1964	34	8	Qa	1,610	18.5	Mar. 17, 1967	Cf, E, 3	Irr	Has 36-inch concrete rings set to 14 feet, and 9-inch casing from 14 to 34 feet. Yield reported 75 gpm.
134	A. J. Hillingham	Henderson and Johnson	1964	34	12	Qa	1,618	14.8	do	T, E, 10	Irr	Water reported from sand and gravel at 20 to 33 feet. Yield reported 135 gpm.
135	do	do	1964	34	12	Qa	1,620	20.9	do	T, E, 20	Irr	Water reported from sand and gravel at 21 to 32 feet. Yield reported 280 gpm.
* 136	do	do	1964	30	12	Qa	1,630	26.4	do	T, E, 7.5	Irr	Water reported from sand and gravel at 20 to 29 feet. Yield estimated 100 gpm.
* 137	do	--	--	38	--	Qa	1,620	22.2	do	C, W	S	Dug well.
* 138	do	--	--	31	--	Qa	1,661	28.3	do	C, W	S	Do.
* 139	do	Henderson and Johnson	1964	37	5	Qa	1,653	31.6	do	C, W	S	Water reported from sand and gravel at 22 to 36 feet. Yield estimated 35 gpm.
* 140	do	--	--	33	--	Qa	1,643	31.2	do	C, W	S	Dug well.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (FEET)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (FEET)	WATER LEVEL		METHOD OF WATER LIFT	USE OF WATER	REMARKS
					DIAMETER (IN.)	DEPTH (FEET)			BELOW LAND-SURFACE DATUM (FEET)	DATE OF MEASUREMENT			
* 30-27-141	Hedford McCoy	Hollie Davis	1962	28	24	15	Qs	1,612	21.1	July 24, 1967	T, E, 5	Irr	Water reported from sand and gravel at 18 to 28 feet. Yield reported 200 gpm.
142	do	do	1962	32	12	32	Qs	1,613	22	do	T, E, 5	Irr	Water reported from sand and gravel at 20 to 32 feet. Measured yield 200 gpm.
143	do	Johnson and Henderson	1965	32	12	32	Qs	1,613	21.8	do	T, E, 3	Irr	Water reported from sand and gravel at 20 to 32 feet. Measured yield 137 gpm.
144	do	do	1965	34	12	34	Qs	1,611	21.7	do	S, E, 1.5	Irr	Water reported from sand and gravel at 22 to 34 feet. Yield reported 150 gpm.
* 145	do	do	--	30	20	30	Qs	1,614	22	do	J, Cf, E	D, Irr	Water reported from sand and gravel. Yield reported 175 gpm.
* 146	Dr. Jack Ramsey	Johnson and Henderson	1967	38	16	16	Qs	1,619	24.0	do	S, E, 3	Irr	Water reported from sand and gravel at 30 to 38 feet. Measured yield 168 gpm.
147	do	do	1967	36	16	16	Qs	1,612	20.5	do	S, E, 2	Irr	Water reported from sand and gravel at 26 to 36 feet. Yield reported 140 gpm.
* 148	C. R. Gregory	do	1964	33	6-1/2	33	Qs	1,608	20.2	do	J, E	D, S	Water reported from sand and gravel at 16 to 26 feet. Measured yield 15 gpm.
* 149	Dr. W. V. Ramsey, Jr.	do	1901?	25	--	--	Qs	1,610	19.0	July 25, 1967	J, E	D, S	Dug well.
* 150	do	Johnson and Henderson	1964	29	12-3/4	29	Qa1	1,589	11.6	do	T, E, 5	Irr	Water reported from sand and gravel at 18 to 29 feet. Yield reported 140 gpm.
* 151	J. B. Bradford	Wayne Carter	1960	21	--	--	Qa1	1,599	16.1	do	C, E	D	Dug well. Water reported from sand and gravel at 20 to 21 feet.
* 152	Jerry R. Jones et al.	do	--	22	6	22	Qs	1,618	15.5	do	C, W	S	Do.
* 153	A. H. Jeffries	do	--	15	--	--	Qs	1,588	13.5	Jan. 12, 1968	N	N	Do.
* 154	do	do	--	20	--	--	Qa1	1,582	15.3	July 25, 1967	N	N	Do.
* 201	Jerry R. Jones et al.	do	1935	23	--	--	Qs	1,610	18.4	June 22, 1953	N	N	Do.
* 202	Lester B. Wade	Frank Hill	1953	130	6	--	Pe1	1,640	102.5	Aug. 3, 1967	J, E	D, S	Water not used for human consumption.
* 301	Mrs. Guy P. Witherspoon	do	--	35	--	--	Qa1	1,641	17.6	July 29, 1953	J, E	D, S	Dug well. Water not used for human consumption. Yield reported greater than 95 gpm. Well No. 1 of Bulletin 5418.
* 302	Kirby Leeson et al.	do	--	28	--	--	Pe1	1,632	25.1	Aug. 21, 1967	N	N	Do.
* 303	Dr. D. G. Strole	do	--	22	--	--	Qa1	1,662	9.6	Sept. 19, 1967	C, W	N	Do.
* 304	S. R. Cox, Sr.	do	--	18	--	--	Qa1	1,651	17.2	Sept. 28, 1967	C, N	N	Do.
* 305	N. H. Nyatt et al.	do	--	16	--	--	Qa1	1,641	12.4	do	C, N	N	Do.
* 401	Bernie Newton	Johnson and Henderson	1967	36	10-3/4	36	Qa1	1,600	22.0	May 19, 1967	T, G, 102	Irr	Water reported from sand and gravel at 24 to 33 feet. Yield reported 400 gpm.
* 601	Dr. D. G. Strole	do	--	23	--	--	Qa1	1,661	9	Sept. 19, 1967	J, E	D, S	Dug well. Water not used for human consumption.
* 602	do	do	1965?	24	--	--	Qa1	1,677	11.3	do	C, W	S	Dug well.
* 603	do	do	--	26	--	--	Qa1	1,680	13.3	do	N	N	Do.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASTING		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			
* 30-27-604	Mrs. Charles G. Smith, Jr.	Joe Foster	--	18	--	--	Qa1	1,683	4.2	Sept. 19, 1967	J, E	D	Dug well. Water not used for human consumption.
605	do	do	--	18	--	--	Qa1	1,684	3.8	do	C, E, 7.5	S, Irr	Dug well. Yield reported 350 gpm.
* 606	C. F. Hill	--	1917?	21	--	--	Qa1	1,701	10.1	Sept. 20, 1967	J, E	D	Dug well. Water not used for human consumption.
* 607	D. McBeath	Johnson and Henderson	1965	26	12	26	Qa1	1,681	9.0	Sept. 19, 1967	C, E	D, S	Water reported from sand and gravel at 12 to 25.5 feet. Water not used for human consumption. Yield reported 100 gpm.
608	do	--	--	28	--	--	Qa1	1,685	6.8	do	N	N	Dug well.
* 609	do	--	1938	26	--	--	Qa1	1,702	9.6	do	N	N	Dug well. Water reported from sand and gravel at 23 to 25 feet.
* 610	J. M. Foster	--	1900?	24	--	--	Qa1	1,684	8.8	Sept. 20, 1967	J, E	S	Dug well.
* 611	J. R. Harp	--	1921	24	--	--	Qa1	1,702	12.3	Sept. 19, 1967	J, E	D, S	Dug well. Water not used for human consumption.
612	do	Jack Leonard	1961	26	8-5/8	26	Qa1	1,700	9.6	Sept. 20, 1967	N	N	Water reported from sand and gravel at 16 to 24 feet. Yield reported 20 gpm.
613	do	do	1967	24	12-3/4	24	Qa1	1,687	11.3	do	S, E, 5	Irr	Water reported from sand and gravel at 18 to 22 feet. Yield reported 85 gpm.
* 614	do	do	1967	24	16	24	Qa1	1,687	10.1	do	S, E, 5	Irr	Water reported from sand and gravel at 16 to 21 feet. Yield reported 85 gpm.
615	do	do	1967	24	16	24	Qa1	1,687	12.5	do	S, E, 5	Irr	Water reported from sand and gravel at 17 to 22 feet. Yield reported 100 gpm.
* 616	City of Abilene	--	--	28	--	--	Qa1	1,709	15	Sept. 26, 1967	J, E	D	Dug well. Water not used for human consumption.
617	do	--	--	21	--	--	Qa1	1,701	14.8	do	N	N	Dug well.
618	do	--	--	22	--	--	Qa1	1,696	8.9	do	C, W	N	Do.
* 619	N. H. Wyatt et al.	--	1910	24	--	--	Qa1	1,685	20.5	July 29, 1953 Sept. 28, 1967	J, E	S	Dug well. Well M-2 of Bulletin 5418. J/
620	J. M. Crawford estate	--	--	23	--	--	Qa1	1,689	10.9	do	N	N	Do.
* 621	Clyde Bensley	--	--	27	--	--	Qa1	1,682	9.2	do	C, W, J, E	S	Do.
* 622	Schinde Brothers Drilling Company	M. and M. Water Works	1958	35	7	35	Qa1	1,702	15	Aug. 15, 1968	J, E	Ind	Industrial fresh water supply well used in oil field waterflood operation. Yield reported 7 gpm.
* 701	O. T. Daugherty	--	--	31	--	--	Qa	1,662	12.8	Dec. 20, 1967	C, W	D	Dug well. Water not used for human consumption.
* 702	Luther Weeks	Luther Weeks	1910	35	--	--	Qa1	1,642	11.7	do	C, W, J, E	D, S	Dug well. Water reported from sand and gravel at 30 to 35 feet.
703	do	do	--	24	--	--	Qa1	1,638	10	do	N	N	Dug, unused irrigation well. Water reported from sand and gravel at 4 to 24 feet.
704	do	do	--	24	--	--	Qa1	1,638	10	do	N	N	Do.
705	David S. Ramsey	G-M Drilling Company	1965	80	8-5/8	31	Qa1	1,642	20	Mar. 22, 1965	C, E	S	Water reported from gravel at 17 to 26 and 49 to 55 feet. Yield reported less than 1 gpm.
* 901	Tony P. Vaughn	--	1911	27	--	--	Qa1	1,718	13.7	Sept. 20, 1967	J, E	D	Dug well.

See footnotes at end of table.

Table 6. -- Records of Wells and Springs -- 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 MATHUS (ft.)	DATE OF MEASUREMENT			
* 30-27-902	Tony P. Vaughn	--	--	26	--	--	Qa1	1,708	13.9	Sept. 20, 1967	J, E	D	Dug well. Water not used for human consumption.
* 903	do	--	--	15	--	--	Qa1	1,713	12.9	Sept. 19, 1967	J, E	D	Do.
* 904	J. M. Foster	--	1910?	30	--	--	Qa1	1,706	13.1	Sept. 20, 1967	J, E	N	Dug well.
* 905	R. T. Bynum	--	--	21	--	--	Qa1	1,701	12.0	do	N	N	Do.
* 906	do	--	1923?	26	--	--	Qa1	1,708	15.4	do	J, E	D, S	Dug well. Water not used for human consumption.
* 907	do	--	1917	18	--	--	Qa1	1,708	12.5	do	C, E	N	Dug well.
* 908	do	--	--	24	--	--	Qa1	1,710	9.7	do	J, E	D, S	Dug well. Water not used for human consumption.
* 909	J. D. Hatts	--	--	21	--	--	Qa1	1,711	16.9	July 29, 1953	C, E	N	Dug well. Well M-3 of Bulletin 5418. J
* 910	Mrs. H. M. McBeath	Ed Chapman	1966	25	24	25	Qa1	1,714	11.0	do	J, E	N	Water reported from sand and gravel at 12 to 24 feet.
* 911	Schlade Brothers Drilling Company	M. and M. Water Wells	1966	35	7	35	Qa1	1,710	15	Sept. 20, 1967	J, E, 1/2	Ind	Industrial fresh water supply well used in oil field waterflood operation. Water reported from gravel at 25 to 32 feet. Yield reported 17 gpm.
* 28-407	City of Abilene	Jamy Herb	1961	39	4	39	Pw1	1,719	34.9	Oct. 5, 1967	N	N	--

* Chemical analysis of water shown in Table 8.

+ Chemical analysis of water shown in Table 10.

J Winalow, A. G., Doyal, W., and Gaum, C. H., 1954, Ground-water resources of Jones County, Texas: Texas Board of Water Engineers Bull. 5418, 29 p.

Table 7.—Drillers' Logs of Wells—Continued

	THICKNESS (feet)	DEPTH (feet)		THICKNESS (feet)	DEPTH (feet)
Well 29-24-202			Well 29-31-902		
Owner: Mrs. Z. Edgar Boaz Driller: Ed L. Chapman			Owner: Mark M. Williamson Driller: Ed L. Chapman		
Topsoil	3	3	Topsoil	2	2
Sandy clay mix	35	38	Sandy clay	13	15
Sand (dry)	11	49	Sand and gravel (water)	4.5	19.5
Sand and gravel (water bearing)	9	58	Red clay	0.5	20
Redbeds	2	60			
Well 29-24-407			Well 29-32-210		
Owner: Jim S. Richards Driller: J. T. Coates and Son			Owner: Noodle School Driller: Robert B. Higgins		
Buff sand	3	3	Soil	4	4
Red hard sand	27	30	Sandy gravel	20	24
Pack sand	17	47	Clay	11	35
Gravel	2	49	Red sand (water)	1	36
Buff sand	9	58	Clay	31	67
Red clay	12	70	Red sand (water)	1	68
Sand	3	73	Clay	21	89
White water sand	3	76	Red sand (water)	1	90
Sand	14	90	Clay	10	100
Sand rock	8	98			
White sand	8	106	Well 29-32-302		
Clay	9	115	Owner: Carl Jackson Driller: Bob Dennis		
Limestone	2	117	Soil	3	3
Soft limestone	1	118	Sand and gravel	17	20
Clay	39	157	Soft red clay	25	45
Redbeds	43	200	Red shale (water at 45, 75, and 100 feet)	75	120
Well 29-24-807			Well 29-32-307		
Owner: H. H. Boaz Driller: Ed L. Chapman			Owner: Caddie Williams Driller: Robert Higgins		
Topsoil	4	4	Soil	6	6
Caliche	4	8	Clay	34	40
Sandy clay mix	40	48	Unknown lithology (water)	1	41
Sand and gravel (water bearing)	5	53	Clay	27	68
Redbeds	7	60	Unknown lithology (water)	4	72
			Clay	18	90
			Unknown lithology (water)	1	91
			Unknown lithology	9	100

Table 7.—Drillers' Logs of Wells—Continued

	THICKNESS (feet)	DEPTH (feet)		THICKNESS (feet)	DEPTH (feet)
Well 29-32-504			Well 30-01-901—Continued		
Owner: Pete Burfiend Driller: Robert Higgins			Blue shale, limey (water)		
Soil	4	4		4	31
Caliche	4	8	Red soil	9	40
Clay	38	46	Redbeds	10	50
Unknown lithology (water)	1	47	Well 30-02-403		
Clay	14	61	Owner: C. L. Ely Driller: Ed L. Chapman		
Unknown lithology (water)	6	67	Topsoil	4	4
Well 30-01-403			Sandy clay	14	18
Owner: E. D. Apperson Driller: Jack Leonard			Sand and gravel (water bearing)	7	25
Red shale	26	26	Redbeds	1	26
Soft red clay (water)	1	27	Well 30-02-604		
Red shale	7	34	Owner: J. C. Kainer Driller: Ed L. Chapman		
Well 30-01-703			Topsoil	3	3
Owner: J. C. Riddle Driller: Ed L. Chapman			Sandy clay	13	16
Topsoil	4	4	Sand and gravel (water bearing)	2	18
Sandy clay mix	26	30	Red clay, blue streaks	42	60
Sand and gravel (water bearing)	9	39	Well 30-02-605		
Redbeds	1	40	Owner: Davenport estate Driller: Ed L. Chapman		
Well 30-01-707			Topsoil	4	4
Owner: W. O. Gray Driller: Ed L. Chapman			Sandy clay	10	14
Topsoil	3	3	Sand and gravel (water bearing)	7	21
Sand (dry)	15	18	Redbeds	3	24
Sand and gravel (water bearing)	18	36	Well 30-03-603		
Redbeds	2	38	Owner: C. H. Peterson Driller: C. H. Peterson		
Well 30-01-901			Soil	6	6
Owner: Mack T. Claburn Driller: Jack Bradshaw			Sandy gray loam	14.5	20.5
Soil and sandy soil	18	18	Sand with gravel (water at 21.5 feet) (Well is now filled with sand to 24.2 feet)	6.0	26.5
Sand and gravel	2	20			
Sand	7	27			

Table 7.—Drillers' Logs of Wells—Continued

	THICKNESS (feet)	DEPTH (feet)		THICKNESS (feet)	DEPTH (feet)
Well 30-09-102			Well 30-09-401—Continued		
Owner: Helen Baker Propst Driller: Ed L. Chapman			Red clay with blue shale streaks		
Topsoil	4	4	30	51	
Sandy clay	17	21	Blue shale (water bearing)	2	53
Sand and gravel (water bearing)	1	22	Red clay	7	60
Red clay with blue shale streaks	34	56	Well 30-09-501		
Blue shale (water bearing)	2	58	Owner: Herman A. Propst Driller: Ed L. Chapman		
Red clay	12	70	Topsoil	3	3
Well 30-09-109			Red sandy clay	20	23
Owner: H. L. Ford Driller: Ed L. Chapman			Blue shale (water bearing)	0.5	23.5
Sand	2	2	Red clay with blue shale streaks	36.5	60
Red sandy clay (seep water)	18	20	Blue shale (water bearing)	2	62
Red clay, blue shale streaks	15	35	Red clay with blue shale streaks	18	80
Blue shale (water bearing)	1	36	Well 30-09-518		
Red clay, blue shale streaks	10	46	Owner: W. M. Holloway Driller: Ed L. Chapman		
Blue shale (water bearing)	1	47	Topsoil	3	3
Red clay, blue shale streaks	25	72	Red clay	12	15
Blue shale (water bearing)	1	73	Sand (water bearing)	1	16
Well 30-09-204			Red clay	14	30
Owner: Dr. J. C. Duff Driller: Ed L. Chapman			Blue shale (water bearing)	1	31
Topsoil	3	3	Red clay	9	40
Red clay	17	20	Blue shale (water bearing)	1	41
Red clay, blue shale streaks	15	35	Red clay	19	60
Blue shale (water bearing)	1	36	Well 30-09-603		
Red clay, blue shale streaks	16.5	52.5	Owner: John I. Teague Driller: Ed L. Chapman		
Blue shale (water bearing)	1.5	54	Topsoil	3	3
Red clay	3	57	Sandy clay	15	18
Well 30-09-401			Blue shale (little water)	2	20
Owner: Herman A. Propst Driller: Ed L. Chapman			Red clay, blue streaks	16	36
Topsoil	3	3	Blue shale (water bearing)	2.5	38.5
Sandy clay	17	20	Redbeds	1.5	40
Sand and gravel (water bearing)	1	21			

Table 7.—Drillers' Logs of Wells—Continued

	THICKNESS (feet)	DEPTH (feet)		THICKNESS (feet)	DEPTH (feet)
Well 30-09-703			Well 30-09-923—Continued		
Owner: Y. Z. Jimenez Driller: Ed L. Chapman			Blue shale (water bearing)		
Topsoil	3	3		1	52
Clay	22	25	Red clay	8	60
Sand and gravel (water bearing)	1	26	Well 30-10-714		
Red clay with blue shale streaks	49	75	Owner: Raymond Sprayberry Driller: Ed L. Chapman		
Blue shale (water bearing)	2	77	Topsoil	2	2
Redbeds	3	80	Caliche	3	5
Well 30-09-801			Red clay, blue streaks	30	35
Owner: Johnnie White Driller: P. A. Lynn			Blue shale (seep water)	1	36
Soil	5	5	Red clay, blue streaks	36	72
Light red shale	15	20	Blue shale (seep water)	1	73
Red shale	10	30	Red clay	7	80
Red shale, hard	5	35	Well 30-10-716		
Red clay (water)	5	40	Owner: T. E. Rushing Driller: Ed L. Chapman		
Light red shale	5	45	Topsoil	3	3
Red clay (possible water)	5	50	Red sandy clay	15	18
Unknown lithology (possible water)	5	55	Gravel (seep water)	1.5	19.5
Red clay (possible water)	10	65	Red clay, blue streaks	38.5	58
Well 30-09-807			Blue shale (water bearing)	2	60
Owner: Wood and Hill Corporation Driller: Jack Leonard			Redbeds	2	62
Red clay	46	46	Well 30-10-813		
Cavity (water)	1	47	Owner: Gene Pittard and Ora Perry Driller: Ed L. Chapman		
Red and blue shale streaks	38	85	Topsoil	4	4
Well 30-09-923			Caliche	2	6
Owner: D. L. Boyd Driller: Ed L. Chapman			Sand and clay mix	19	25
Topsoil	3	3	Sand and gravel (water bearing)	5	30
Red clay	17	20	Redbeds	2	32
Red clay, blue streaks	20	40	Well 30-10-821		
Blue shale (water bearing)	2	42	Owner: C. W. H. Boehning Driller: Ed L. Chapman		
Red clay, blue streaks	9	51	Topsoil	2	2
			Red clay with blue streaks	36	38

Table 7.—Drillers' Logs of Wells—Continued

	THICKNESS (feet)	DEPTH (feet)		THICKNESS (feet)	DEPTH (feet)
Well 30-10-821—Continued			Well 30-17-217		
Blue shale (seep water)	1	39	Owner: Wood and Hill Corporation Driller: McCarrell and Son		
Red clay	1	40	Soil	3	3
Well 30-17-112			Red shale	37	40
Owner: J. R. Miller Driller: C. C. Justiss, Jr.			Unknown lithology (water)	1	41
Red sandy topsoil	2	2	Red shale	10	51
Red caliche	19	21	Well 30-17-218		
Red clay	26	47	Owner: Wood and Hill Corporation Driller: McCarrell and Son		
Red sand rock	2	49	Soil	4	4
Red water sand	1	50	Red shale	21	25
Red sand rock	24	74	Unknown lithology (water)	1	26
Red water sand	2	76	Red shale	27	53
Red sand rock	6	82	Well 30-17-219		
Red clay	10	92	Owner: Wood and Hill Corporation Driller: McCarrell and Son		
Red rock	1	93	Sandy soil	2	2
Red clay	2	95	Red shale	37	39
Well 30-17-114			Unknown lithology (water)	1	40
Owner: J. R. Miller Driller: C. C. Justiss, Jr.			Red shale	11.5	51.5
Sand	2	2	Well 30-17-320		
Red caliche	21	23	Owner: J. E. Nix Driller: Ed L. Chapman		
Sand and gravel (water)	8	31	Topsoil	3	3
Red sand rock	3	34	Caliche	13	16
Red shale	6	40	Red clay with blue shale streaks	11	27
Red clay	4	44	Blue shale (water bearing)	1	28
Red sand rock	5	49	Red clay	48	76
Red clay	10	59	Blue "honeycombed" rock shale (water bearing)	2	78
Red sand rock	4	63	Redbeds	7	85
Red clay	7	70	Well 30-17-337		
Well 30-17-214			Owner: Junior Meek Driller: Ed L. Chapman		
Owner: Wood and Hill Corporation Driller: McCarrell and Son			Topsoil	4	4
Soil	4	4	Sandy clay	14	18
Red shale	36	40			
Unknown lithology (water)	5	45			
Red shale	15	60			

Table 7.—Drillers' Logs of Wells—Continued

	THICKNESS (feet)	DEPTH (feet)		THICKNESS (feet)	DEPTH (feet)
Well 30-17-337—Continued			Well 30-17-505—Continued		
Sand and gravel (water bearing)	10	28	Gravel (dry)	8	20
Red clay	2	30	Red sandy clay	10	30
			Red clay with blue shale streaks	18	48
Well 30-17-338			Blue shale (water bearing)	0.5	48.5
Owner: Junior Meek Driller: Ed L. Chapman			Red clay with blue shale streaks	18.5	67
Surface	10	10	"Honeycombed" blue shale (water bearing)	2.5	69.5
Red clay	20	30	Red clay	3.5	73
Blue clay (water bearing)	2	32			
Red sandy clay	8	40	Well 30-17-612		
Blue clay streaks (water bearing)	2	42	Owner: J. H. Carter Driller: Ed L. Chapman		
Red clay	13	55	Topsoil	3	3
			Sandy clay mix	27	30
Well 30-17-409			Sand	35	65
Owner: D. G. Mitchell Driller: Jack Leonard			Sand and gravel (water bearing)	10	75
Sandy clay	24	24	Redbeds	15	90
Red sand	6	30			
Red shale	36	66	Well 30-17-614		
Cavity (water)	1	67	Owner: Q. Dyer Driller: Ed L. Chapman		
Redbeds	9	76	Topsoil	4	4
			Sandy clay mix	26	30
Well 30-17-502			Sand	40	70
Owner: W. C. Lepard Driller: Ed L. Chapman			Sand and gravel (water bearing)	9	79
Topsoil	4	4	Redbeds	1	80
Sandy clay	28	32			
Blue clay (water bearing)	1	33	Well 30-17-709		
Red and blue clay streaks	25	58	Owner: A. F. Roberts, Jr. Driller: Ed L. Chapman		
Blue clay (water bearing)	1	59	Topsoil	4	4
Redbeds	61	120	Sand and boulders	14	18
			Sand	8	26
Well 30-17-505			Sand and gravel (water bearing)	7	33
Owner: W. C. Lepard Driller: Ed L. Chapman			Redbeds	2	35
Topsoil	3	3			
Caliche	1	4			
Sand	8	12			

Table 7.—Drillers' Logs of Wells—Continued

	THICKNESS (feet)	DEPTH (feet)		THICKNESS (feet)	DEPTH (feet)
Well 30-17-812			Well 30-17-919		
Owner: Alton McCain Driller: Ed L. Chapman			Owner: Dorman D. Bush, et al. Driller: Johnson and Henderson		
Topsoil	5	5	Unknown lithology	14	14
Sand	11	16	Sand and gravel (water)	7	21
Sand and gravel (water bearing)	13.5	29.5	Redbeds	2	23
Redbeds	0.5	30			
Well 30-17-819			Well 30-17-921		
Owner: A. F. Roberts, Jr. Driller: Ed L. Chapman			Owner: Ally Milton Jones Driller: Ed L. Chapman		
Topsoil	3	3	Topsoil	3	3
Sand, boulders and caliche	12	15	Red sand	17	20
Sandy clay	6	21	Sandy clay	17	37
Sand and gravel (water bearing)	6.5	27.5	Sand and gravel (water bearing)	5	42
Redbeds	0.5	28	Redbeds	3	45
Well 30-17-822			Well 30-18-209		
Owner: Rex A. Smith Driller: Robert Higgins			Owner: Preston Spray Driller: Johnson and Henderson		
Soil	1	1	Dark topsoil	3	3
Caliche	11	12	Red and white sandy clay	34	37
Gravel (seep water)	8	20	Sand and gravel (water)	14	51
Clay	25	45	Redbeds	2	53
Unknown lithology (water)	1	46			
Clay	38	84	Well 30-18-222		
Unknown lithology (water)	2	86	Owner: J. Lewis Carmon Driller: Ed L. Chapman		
Clay	14	100	Soil	5	5
Well 30-17-837			Sandy clay	7	12
Owner: A. J. Teal Driller: Jack Leonard			Caliche	6	18
Surface soil	7	7	Red clay	2	20
Gray clay	8	15	Sand and clay	26	46
Gravel (water)	16	31	Coarse sand and gravel (water)	7	53
Red clay	1	32	Red shale	2	55
Well 30-17-918			Well 30-18-226		
Owner: Paul Arendall, et al. Driller: Jack Leonard			Owner: Edward J. Cooley Driller: Johnson and Henderson		
Sandy clay	15	15	Red dirt and clay	40	40
Sand and gravel (water)	9	24	Sand and gravel (water)	12	52
Redbeds	5	29	Redbeds	3	55

Table 7.—Drillers' Logs of Wells—Continued

	THICKNESS (feet)	DEPTH (feet)		THICKNESS (feet)	DEPTH (feet)
Well 30-18-247			Well 30-18-321		
Owner: J. L. Roberts estate Driller: Jack Leonard			Owner: A. T. Halbert Driller: P. A. Lynn		
Surface soil	2	2	Soil	5	5
Red sandy shale	9	11	Unknown lithology	5	10
Light gray clay	9	20	Hard red clay	15	25
Red clay	14	34	White sand	10	35
Sand and gravel (water)	12	46	Sand	13	48
Red clay	1	47	Gravel (water)	4	52
Hard sand	1	48	Red clay	8	60
Sand and gravel (water)	11.5	59.5	Unknown lithology	5	65
Red shale	0.5	60	Red clay	5	70
			Unknown lithology	1	71
Well 30-18-248			Well 30-18-322		
Owner: J. L. Roberts estate Driller: Jack Leonard			Owner: A. T. Halbert Driller: P. A. Lynn		
Surface soil	2	2	Soil	5	5
Red clay	8	10	Top soil	5	10
Gray sandy clay	16	26	White rock	5	15
Red clay	9	35	Unknown lithology	5	20
Sand and gravel (water)	16	51	Sand	2	22
Hard sand	1	52	Sand and gravel (water)	3	25
Sand and gravel (water)	4	56	Gravel (water to 32 feet)	15	40
Red clay	1	57	Gravel (water)	13	53
Sand and gravel (water)	3	60	Redbeds	7	60
Red clay	1	61	Unknown lithology, red, dense and hard	5	65
Well 30-18-312			Well 30-18-327		
Owner: Preston Spray Driller: Herbert Johnson			Owner: Jame Martin, et al. Driller: Johnson and Henderson		
Red dirt and clay	25	25	Red sandy clay	60	60
Coarse sand and gravel	27	52	Sand and gravel (water)	19	79
Redbeds at 52 feet	0	52	Redbeds	1	80
Well 30-18-314			Well 30-18-328		
Owner: H. L. Baldwin Driller: Jack Leonard			Owner: Herbert L. Johnson, et al. Driller: Herbert L. Johnson, et al.		
Sandy clay	49	49	Red sandy clay	38	38
Sand and gravel (water)	11	60	Sand and gravel (water)	14	52
Redbeds	3	63	Redbeds	2	54

Table 7.—Drillers' Logs of Wells—Continued

	THICKNESS (feet)	DEPTH (feet)		THICKNESS (feet)	DEPTH (feet)
Well 30-18-335			Well 30-18-503		
Owner: Mithcell Flache Driller: Ed L. Chapman			Owner: B. M. Phifer Driller: Johnson and Henderson		
Topsoil	4	4	Sand and topsoil	4	4
Caliche	4	8	Sandy clay	52	56
Sandy clay	30	38	Gravel (no water)	2	58
Sand and gravel (water bearing)	21.5	59.5	Red clay	4	62
Redbeds	0.5	60	Sand and gravel (water)	8	70
			Redbeds at 70 feet	0	70
Well 30-18-401			Well 30-18-509		
Owner: M. M. Lawless Driller: C. Jordan			Owner: B. M. Phifer Driller: Johnson and Henderson		
Soil	5	5	Topsoil	2	2
Clay	15	20	Red clay	5	7
Sand and clay	28	48	Red and white sandy clay (seep water)	65	72
Gravel (water)	12	60	Sand and gravel (main water)	4	76
Redbeds	9	69	Redbeds	2	78
Well 30-18-423			Well 30-18-512		
Owner: Pleasant Grove Church Driller: Ed L. Chapman			Owner: R. R. Whetstone Driller: Johnson and Henderson		
Topsoil	4	4	Red sandy clay	76	76
Sandy clay	26	30	Sand and gravel (water)	5	81
Sand (dry)	30	60	Redbeds at 81 feet	0	81
Sand and gravel (dry)	10	70			
Sand and gravel (water bearing)	4	74	Well 30-18-513		
Red clay	6	80	Owner: W. J. Hogue Driller: Johnson and Henderson		
Well 30-18-424			Unknown lithology	78	78
Owner: Jas E. Robinson, et al. Driller: Ed L. Chapman			Sand and gravel (water)	8	86
Topsoil	3	3	Redbeds	2	88
Sand and clay	27	30	Well 30-18-515		
Sand (water bearing)	1	31	Owner: Jack Leonard Driller: Jack Leonard		
Sand and clay	24	55	Sandy shale	64	64
Sand and gravel (water bearing)	12	67	Sand and gravel (water)	12	76
Redbeds	1	68	Redbeds	4	80

Table 7.—Drillers' Logs of Wells—Continued

	THICKNESS (feet)	DEPTH (feet)		THICKNESS (feet)	DEPTH (feet)
Well 30-18-521			Well 30-18-712		
Owner: Otis White Driller: Ed L. Chapman			Owner: Milton L. Bryant Driller: Ed L. Chapman		
Sandy clay	40	40	Topsoil	3	3
Sand	15	55	Sandy clay	57	60
Sand and gravel (water bearing)	9	64	Sand and gravel (water bearing)	7.5	67.5
Redbeds	4	68	Redbeds	0.5	68
Well 30-18-532			Well 30-18-901		
Owner: Herbert L. Johnson, et al. Driller: Jack Leonard			Owner: Winnie C. Jones Driller: Henderson and Johnson		
Unknown lithology	42	42	Soil	5	5
Sand and gravel (water)	7	49	Red clay	5	10
Redbeds	5	54	Sandy clay	31	41
Well 30-18-610			Sand and gravel (water at 51 feet)	11	52
Owner: Robert C. Henderson Driller: Robert C. Henderson			Redbeds	9	61
Sand topsoil	1.5	1.5	Well 30-18-903		
Red clay	2.5	4	Owner: Dr. George Dawson Driller: Johnson and Henderson		
Red and white sand clay	58	62	Unknown lithology	18	18
Sand and gravel (water)	14	76	Sandy clay	31	49
Redbeds	2	78	Sand and gravel (water)	13	62
Well 30-18-702			Redbeds	4	66
Owner: Dr. R. W. Varner Driller: Jack Leonard			Well 30-19-301		
Red sandy clay	52	52	Owner: Jim Alexander Driller: Jack Leonard		
Loose gravel (water)	8	60	Sandy clay	32	32
Redbeds	2	62	Sand and gravel (water)	15	47
Well 30-18-704			Blue shale	11	58
Owner: James W. Brown Driller: Jack Leonard			Well 30-19-407		
Sandy clay	40	40	Owner: Paul H. Short Driller: Jack Leonard		
Sand	4	44	Sandy clay	66	66
Rock	2	46	Coarse sand and gravel (water)	8	74
Coarse gravel (water)	8	54	Redbeds	3	77
Redbeds	2	56			

Table 7.—Drillers' Logs of Wells—Continued

	THICKNESS (feet)	DEPTH (feet)		THICKNESS (feet)	DEPTH (feet)
Well 30-19-413			Well 30-19-712		
Owner: Morris Built Homes, Incorporated Driller: Jack Leonard			Owner: Collie Franklin Driller: Johnson and Henderson		
Sandy clay	43	43	Red and white sandy clay	25	25
Coarse sand and gravel (water)	7	50	Sand and gravel (water)	16	41
Redbeds	2	52	Redbeds	5	46
Well 30-19-502			Well 30-19-713		
Owner: C. E. Boyd Driller: Ed L. Chapman			Owner: Collie Franklin Driller: Johnson and Henderson		
Sand	5	5	Red and white sandy clay	29	29
Sandy clay	20	25	Sand and gravel (water)	20	49
Gravel (water bearing)	5	30	Redbeds	4	53
Well 30-19-519			Well 30-19-718		
Owner: James T. Lofton Driller: Repps Guitar, Jr.			Owner: Lillie E. McWilliams Driller: Johnson and Henderson		
Sand and caliche	20	20	Sand	1	1
Sand and blue clay	3	23	Red clay	2	3
Sand and gravel (water bearing zone)	12	35	Red sandy clay	7	10
Red clay	5	40	Red and white sandy clay	12	22
Well 30-19-523			Well 30-19-719		
Owner: Curtis Harber Driller: W. D. Clark Drilling Company			Owner: Curtis Riggs Driller: Jack Leonard		
Surface	6	6	Sandy clay	42	42
Clay with some fine gravel	29	35	Water sand	4	46
Sand and gravel (no water)	20	55	Coarse sand and gravel (water)	8	54
Redbeds	5	60	Redbeds	2	56
Well 30-19-709			Well 30-19-817		
Owner: Dr. George Dawson Driller: Johnson and Henderson			Owner: Andrew J. White, et al. Driller: Jack Leonard		
Soil	3	3	Topsoil	3	3
Red clay	17	20	Sandy clay	18	21
Sandy clay	32	52	Sand and gravel (water)	8	29
Sand and gravel (water)	12	64	Redbeds	2	31
Redbeds	6	70			

Table 7.—Drillers' Logs of Wells—Continued

	THICKNESS (feet)	DEPTH (feet)		THICKNESS (feet)	DEPTH (feet)
Well 30-25-110			Well 30-25-207		
Owner: J. E. Touchstone Driller: Ed L. Chapman			Owner: Ab Hunter, Jr. Driller: Ed L. Chapman		
Surface soil, black	12	12	Surface soil	3	3
Red clay with water bearing blue shale breaks	46	58	Sandy clay	9	12
Blue shale (water bearing formation)	2	60	Sand and gravel	6	18
Redbeds	19	79	Red clay	19	37
Water bearing blue shale	3	82	Water bearing blue shale	1	38
			Red clay	9	47
			Water bearing blue shale	1	48
			Red clay and water bearing blue shale streaks	27	75
Well 30-25-115			Well 30-25-210		
Owner: J. B. Griffin, Sr. Driller: Robert Higgins			Owner: Johnny Devaney Driller: Jack Leonard		
Soil	4	4			
Clay	21	25	Sandy clay	18	18
Unknown lithology (water)	1	26	Sand and gravel (water)	7	25
Clay	22	48	Red shale	7	32
Unknown lithology (water)	2	50			
Clay	15	65	Well 30-25-303		
Unknown lithology (water)	1	66	Owner: Wayne Cook Driller: Jack Leonard		
Clay	7	73	Sandy clay	18	18
			Sand and gravel (water)	8	26
			Redbeds	6	32
Well 30-25-202			Well 30-25-507		
Owner: Ed J. Cooley Driller: Robert Higgins			Owner: Norman Sloan Driller: Higgins and Sons Drilling Company		
Soil	6	6	Soil	6	6
Gravel	9	15	Clay	32	38
Clay	5	20	Unknown lithology (water)	4	42
Blue shale	2	22	Clay	11	53
Clay	18	40	Unknown lithology (water)	2	55
Unknown lithology (water)	2	42	Clay	20	75
Clay	18	60			
Unknown lithology (water)	6	66			
Clay	10	76			
Unknown lithology (water)	1	77			
Clay	8	85			

Table 7.—Drillers' Logs of Wells—Continued

	THICKNESS (feet)	DEPTH (feet)		THICKNESS (feet)	DEPTH (feet)
Well 30-25-801			Well 30-26-323		
Owner: Union Texas Petroleum Driller: Unknown			Owner: C. D. Hicks Driller: Jack Leonard		
Soil	18	18	Topsoil	3	3
Gravel	4	22	Clay	17	20
Red and blue clay (water)	103	125	Gravel and sand (water)	8	28
			Redbeds	2	30
Well 30-26-218			Well 30-26-332		
Owner: Jack Morrow Driller: Johnson and Henderson			Owner: T. L. Sellers Driller: Jack Leonard		
Red topsoil	4	4	Surface soil	3	3
Red dirt mixed with caliche	10	14	Gray clay	9	12
Sand and gravel (water)	9	23	Gravel (water)	6	18
Redbeds	4	27	Hard gravel	1	19
			Gravel (water)	5	24
Well 30-26-309			Well 30-26-601		
Owner: D. H. Coonrod Driller: Jack Leonard			Owner: Mary L. Sellers Driller: Jack Leonard		
Topsoil	3	3	Topsoil	3	3
Sandy clay	21	24	Sandy clay	20	23
Coarse gravel and sand (water)	10	34	Gravel and sand (water)	9	32
Redbeds	6	40	Redbeds	2	34
Well 30-26-312			Well 30-26-701		
Owner: T. L. Sellers Driller: Jack Leonard			Owner: G. P. Arnwine Driller: Robert Higgins		
Topsoil	2	2	Soil	3	3
Sandy clay	22	24	Clay	7	10
Sand and gravel (water)	12	36	Sand and gravel (water 20 to 21 feet)	15	25
Redbeds	6	42	Clay	25	50
			Dolomite	2	52
Well 30-26-316			Unknown lithology		
Owner: T. L. Sellers Driller: Jack Leonard			8		
Topsoil	3	3			
Sandy clay	23	26			
Sand	4	30			
Sand and gravel (water)	7	37			
Redbeds	5	42			

Table 7.—Drillers' Logs of Wells—Continued

	THICKNESS (feet)	DEPTH (feet)		THICKNESS (feet)	DEPTH (feet)
Well 30-36-703			Well 30-27-124		
Owner: J. David Proctor Driller: Ed L. Chapman			Owner: Bernie Newton Driller: Johnson and Henderson		
Caliche	3	3	Soil	6	6
Brown sandy soil	15	18	Sand and gravels	14	20
Water bearing sand and gravel	4	22	Redbeds	3	23
Redbeds	2	24			
Well 30-26-704			Well 30-27-132		
Owner: J. David Proctor Driller: Ed L. Chapman			Owner: T. L. Sellers Driller: Jack Leonard		
Brownish sandy soil	3	3	Sandy clay	20	20
Sandy clay	13	16	Coarse gravel and sand (water)	9	29
Water bearing sand and gravel	6	22	Redbeds	3	32
Redbeds	2	24			
Well 30-26-705			Well 30-27-134		
Owner: J. David Proctor Driller: Ed L. Chapman			Owner: A. J. Willingham Driller: Henderson and Johnson		
Caliche	4	4	Unknown lithology	20	20
Sandy clay	13	17	Water gravel	13	33
Water bearing sand and gravel	5	22	Redbeds	1	34
Redbeds	2	24			
Well 30-27-115			Well 30-27-139		
Owner: J. W. Kelsey Driller: Jack Leonard			Owner: A. J. Willingham Driller: Henderson and Johnson		
Sandy clay	44	44	Unknown lithology	22	22
Sand and gravel (water)	4	48	Sand and gravels (water)	14	36
Red shale	8	56	Redbeds	1	37
Well 30-27-119			Well 30-27-146		
Owner: Mrs. J. T. Sellers Driller: Jack Leonard			Owner: Dr. Jack Ramsey Driller: Johnson and Henderson		
Topsoil	3	3	Sandy topsoil	2	2
Sandy clay	20	23	Red clay	2	4
Sand and gravel (water)	7	30	Red sandy clay	26	30
Redbeds	2	32	Sand and gravel (water)	8	38
Well 30-27-401					
Owner: Bernie Newton Driller: Johnson and Henderson					
			Red sand soil	3	3
			Red sandy clay	17	20

Table 7.—Drillers' Logs of Wells—Continued

	THICKNESS (feet)	DEPTH (feet)		THICKNESS (feet)	DEPTH (feet)
Well 30-27-401—Continued			Well 30-27-705—Continued		
Red sandy clay, mixed gravel	4	24	Gravel (water)	9	26
Sand and gravel (water)	9	33	Shale and blue clay	14	40
Redbeds	3	36	Red clay	9	49
			Gravel (water)	6	55
			Red and blue clay, shale	25	80
Well 30-27-607			Well 30-27-910		
Owner: D. McBeath Driller: Johnson and Henderson			Owner: Mrs. H. M. McBeath Driller: Ed L. Chapman		
Unknown lithology	12	12	Topsoil	3	3
Sand and gravels (water)	13.5	25.5	Caliche	1	4
Redbeds	0.5	26	Sand	8	12
			Sand and gravel (water bearing)	12	24
			Red clay	1	25
Well 30-27-615			Well 30-27-911		
Owner: J. R. Harp Driller: Jack Leonard			Owner: Schade Brothers Drilling Company Driller: M and M Water Wells		
Topsoil	3	3	Topsoil	5	5
Gray clay	14	17	Red sand	9	14
Gravel and sand (water)	5	22	Sand and gravel	11	25
Redbeds	2	24	Water gravel	7	32
			Shale	3	35
Well 30-27-705					
Owner: David S. Ramsey Driller: G-M Drilling Company					
Surface sand and clay	9	9			
Sand and gravel	6	15			
Clay	2	17			

Table 8.—Chemical Analyses of Water from Wells and Springs

Analyses are grouped in this table by water-bearing unit. The analyses were performed by the Texas State Department of Health except as indicated by footnote. The results are in milligrams per liter except percent sodium specific conductance, pH, and sodium:adsorption ratio.

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO ₃)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)	
Lueders Formation																			
30-11-601	C. F. Webb	85	Apr. 5, 1967	4	87	17	42	420	6	73	0.3	<	436	285	24.3	866	7.2	1.1	
602	O. S. Burkman	8	Apr. 21, 1967	9	700	125	3,890	1,120	9,800	2,700	5.4	1.5	18,900	6,900	55.0	> 12,000	8.1	20.3	
12-401	J. B. Kincaid	19	May 18, 1967	15	351	123	234	206	1,260	298	1.1	<	2,380	1,380	26.9	3,010	7.3	2.7	
408	G. N. Hansen	6	Apr. 21, 1967	15	650	78	177	333	1,630	263	1.5	<	2,980	1,930	16.5	3,300	7.3	1.7	
410	do	6	do	15	640	79	172	322	1,560	261	1.5	<	2,890	1,930	16.2	3,300	7.4	1.7	
411	W. G. Swenson	seep	do	20	86	65	285	327	310	305	2.0	69	1,300	485	56.1	2,000	8.1	5.6	
702	E. D. Davis	35	Feb. 14, 1967	38	146	76	159	432	280	285	1.0	7.0	1,200	680	33.7	1,860	7.4	2.7	
705	G. C. Cooley	18	Mar. 15, 1967	31	126	63	120	412	253	173	1.0	14	980	570	31.3	1,550	7.5	2.2	
19-901	Dr. David S. Ramsey	24	Aug. 3, 1967	16	79	63	94	580	75	77	2.4	<	690	455	31.0	1,135	7.6	1.9	
27-202	Lester B. Wade	130	do	10	132	109	1,100	265	1,580	970	3.7	<	4,040	780	74.9	5,720	7.5	17.2	
302	Kirby Leeson et al.	28	Aug. 21, 1967	8	216	118	169	177	1,070	95	1.1	55.0	1,820	1,030	26.4	2,240	7.8	2.3	
28-407	City of Abilene	39	Oct. 5, 1967	15	99	89	97	650	101	113	1.2	24	860	610	25.6	1,410	7.6	1.7	
Arroyo Formation																			
30-04-704	Homer Purcell	82	Jan. 16, 1967	15	268	205	820	382	1,370	1,000	2.3	130	4,000	1,510	53.9	5,340	7.3	9.2	
Vale Formation																			
30-02-402	Swenson Land and Cattle Company	9	Nov. 6, 1967	13	142	116	128	331	407	281	1.1	10	1,260	830	25.0	1,596	7.8	1.9	
709	G. J. Smith	54	June 20, 1967	15	76	63	459	373	326	485	2.3	95	1,700	450	68.9	2,720	7.5	9.4	
801	Cecil W. Bean	60	May 17, 1967	15	84	72	690	383	850	550	1.1	5.0	2,460	500	74.8	3,750	8.0	13.4	
09-206	Olin Pettis	25	Mar. 20, 1967	17	570	246	620	285	2,160	890	1.1	64	4,710	2,440	35.3	5,900	7.5	5.4	
301	Tom O. Brown	20	Oct. 11, 1967	19	349	141	319	248	900	690	1.0	23	2,560	1,450	32.3	3,570	7.4	3.6	
417	Dr. J. C. Duff	70	Feb. 10, 1967	1	154	45	106	24	590	114	<	<	1,020	570	28.9	1,470	6.6	1.9	
418	do	60	do	6	425	145	201	63	1,680	218	1.1	2.5	2,710	1,660	20.9	3,110	6.9	2.2	
425	J. M. Dunbar	91	Apr. 4, 1967	14	486	140	269	124	1,810	249	1.6	16	3,050	1,790	24.6	3,420	7.2	2.8	
429	do	65	do	17	255	324	222	146	1,770	304	1.5	76	3,040	1,970	19.7	3,540	7.3	2.2	
430	do	57	do	12	530	159	197	126	1,830	250	1.6	7.0	3,050	1,990	17.8	3,480	7.7	1.9	
517	H. W. McLaren	14	Nov. 6, 1967	17	239	148	242	234	1,130	279	1.1	10	2,210	1,260	29.5	2,820	7.4	3.0	
611	Nrs. D. Williams	19	Feb. 8, 1968	17	295	222	820	360	1,990	770	2.4	88	4,380	1,650	51.9	5,320	7.4	8.9	
911	Ernest M. Pittman	spring	do	15	362	240	328	264	1,740	394	.9	4.0	3,210	1,890	27.4	3,760	7.2	3.3	

See footnotes at end of table.

Table 8. - Chemical Analyses of Water From Wells and Springs - Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SI02)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO3)	SULFATE (SO4)	CHLORIDE (Cl)	FILTRATE (F)	NI-TRATE (NO3)	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO3	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
Vale Formation - Continued																		
30-10-105	L. W. Woodson	90	May 17, 1967	5	312	232	1,910	--	3,500	1,670	1.6	<	7,600	1,740	70.3	9,600	3.1	19.9
202	A. H. Lindsey	65	Apr. 6, 1967	15	39	40	640	433	416	620	1.7	9.0	1,990	263	84.0	3,290	8.0	17.0
203	I. H. Rogers	74	May 17, 1967	13	363	329	1,270	316	1,170	2,510	1.5	104	5,900	2,260	55.0	8,430	7.2	11.6
204	Lowell Smith	100	do	9	81	67	1,290	315	1,220	1,190	1.4	.4	4,010	478	84.9	5,940	7.8	25.6
302	A. H. Lindsey	14	Apr. 6, 1967	20	62	26	25	315	5	17	.5	27.5	339	261	10.2	565	7.6	.4
401	J. N. Griffith	85	May 9, 1967	18	281	171	1,200	367	1,860	1,220	1.1	22	4,950	1,410	65.0	6,700	7.9	13.9
402	L. D. McRuff	65	Mar. 22, 1967	14	191	112	520	201	730	810	1.0	12	2,490	940	54.6	3,850	7.9	7.4
403	W. D. Baker	60	Apr. 20, 1967	12	423	216	1,240	282	2,050	1,510	1.5	28	5,600	1,950	58.1	7,110	7.4	12.2
404	do	70	do	<	265	200	1,060	9	1,790	1,430	1.3	.4	4,750	1,490	60.4	6,450	6.1	11.9
405	do	90	do	12	304	143	900	165	1,240	1,320	1.2	7.5	4,010	1,350	59.2	5,690	7.4	10.6
406	do	60	do	13	170	158	429	305	345	980	1.1	85	2,330	1,080	46.5	3,800	7.7	5.7
413	J. R. King	49	May 9, 1967	6	540	274	2,780	121	4,420	2,560	2.0	11.0	10,700	2,480	70.8	> 12,000	7.3	24.3
415	Omar Burleson	32	do	5	160	114	1,160	104	1,250	1,480	1.0	4.5	4,230	870	74.6	6,120	6.9	17.0
416	Bill Wright	60	May 8, 1967	14	243	265	1,510	590	2,140	1,620	1.7	91	6,200	1,700	66.0	8,140	7.4	16.0
417	do	16	do	17	442	289	464	440	1,150	1,240	1.0	12.0	3,830	2,290	30.6	5,490	7.5	4.2
420	Wayne Petroleum Company	80	May 9, 1967	.5	640	365	1,860	33	2,040	3,430	1.2	.4	8,400	3,100	56.6	11,260	7.4	14.6
421	J. H. Heideking	45	May 16, 1967	13	232	174	1,170	395	1,400	1,380	2.1	16	4,570	1,300	66.2	6,490	7.8	14.2
422	J. N. Griffith	55	May 9, 1967	17	490	590	2,390	495	3,740	3,270	2.4	.4	10,700	3,650	58.8	> 12,000	7.4	17.2
424	R. L. Watts	75	June 20, 1967	12	560	340	1,660	228	2,310	2,600	1.6	17	7,600	2,800	56.3	9,450	7.2	13.6
501	August Buske	42	May 16, 1967	3	123	620	2,670	420	3,980	3,050	4.1	.4	10,700	2,850	67.1	> 12,000	7.7	21.7
702	Otto Sosebee	90	Mar. 21, 1967	14	131	169	530	181	1,380	277	1.0	6	2,800	1,020	52.8	3,650	7.5	7.2
704	Martha Scott	60	Mar. 22, 1967	20	107	70	244	456	238	327	.8	25	1,260	560	48.8	2,160	8.0	4.5
705	H. A. Blackwell	40	Mar. 17, 1967	21	88	78	130	409	116	249	.8	34	920	540	34.3	1,590	7.5	2.4
707	Raymond McLaren	65	Mar. 21, 1967	20	103	41	190	406	125	240	.8	70	900	427	49.2	1,680	7.6	4.0
710	Raymond Spraberry	40	July 6, 1953 Mar. 20, 1967	26 20	79 19	50 30	180 167	400 200	81 75	231 180	1.0 .5	69 63	914 650	402 169	49 68.5	1,210 1,096	8.0 8.3	-- 5.6
712	L. H. Nancy	60	May 18, 1967	20	110	80	259	406	280	344	.7	40	1,330	610	48.2	2,150	7.4	4.6
716	T. E. Rushing	62	do	27	195	134	283	389	337	680	2.0	7.5	1,860	1,040	37.2	3,170	7.2	3.8
717	R. S. Spraberry	70	Mar. 22, 1967	25	58	37	170	510	84	104	1.0	40	770	298	55.4	1,210	7.8	4.3
721	Vernon Spraberry	40	Apr. 6, 1967	2	37	6	2	118	6	14	.5	2.0	128	117	3.3	245	7.5	.1
722	do	50	do	1	3	8	498	368	243	391	1.1	6.0	1,330	42	96.3	2,320	8.4	33.2
723	do	50	do	22	67	51	580	451	620	443	1.1	57	2,060	380	77.0	3,110	7.5	13.1

See footnotes at end of table.

Table 8. ...Chemical Analyses of Water From Wells and Springs - Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO ₃)	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
30-10-724	Tommie Adkins	62	Apr. 6, 1967	25	191	176	590	451	680	1,000	1.0	22	2,910	1,200	51.8	4,330	7.3	7.4
725	do	62	do	14	140	192	850	359	468	1,580	1.2	7.0	3,430	1,140	61.5	5,540	8.1	10.9
726	Mrs. Thomas C. Moss	60	Apr. 24, 1967	21	140	86	225	364	260	403	.7	59	1,370	710	41.0	2,250	7.6	3.7
728	do	60	do	21	71	55	189	445	123	173	.7	93	950	403	50.5	1,500	7.5	4.1
734	Bland Harper	21	May 8, 1967	12	580	770	3,470	407	4,700	5,000	2.3	320	15,000	4,600	62.1	> 12,000	7.3	22.3
736	Viva Wright	31	do	16	70	104	740	690	970	484	2.5	9.0	2,730	600	72.9	3,910	7.5	13.2
737	D. B. Fletcher	38	do	20	81	55	194	465	138	190	.8	70	980	428	49.6	1,590	7.6	4.1
739	W. M. Wright	19	do	20	162	120	279	427	282	630	1.0	12.0	1,720	900	40.2	3,010	8.3	4.0
740	do	45	do	20	115	50	187	411	164	257	1.0	11	1,010	492	45.2	1,750	7.6	3.7
741	T. E. Rushing	56	May 18, 1967	22	75	52	175	442	106	195	1.0	32	880	400	48.8	1,470	7.4	3.8
803	C. W. H. Boehning	55	Mar. 17, 1967	--	500	750	2,880	315	3,260	5,000	1.1	<	12,600	4,350	59.0	> 12,000	7.1	19.0
806	A. L. Spraberry	65	Mar. 22, 1967	27	68	51	220	590	96	200	.4	26	980	380	55.8	1,690	7.7	4.9
811	D. E. Doty	90	Apr. 4, 1967	12	35	23	500	520	398	279	.7	17.0	1,320	182	85.7	2,480	8.2	16.2
812	do	69	do	12	22	46	570	530	214	560	.8	14.5	1,700	243	83.6	2,980	8.3	15.9
821	C. W. H. Boehning	40	Apr. 21, 1967	13	224	309	1,840	405	1,520	2,700	2.2	35	6,800	1,830	68.4	9,240	7.6	18.7
903	Thomas C. Harrel	95	do	10	53	34	870	580	670	680	1.1	5.0	2,610	273	87.4	3,860	8.2	22.9
904	do	66	do	18	41	21	22	250	12	9	1.0	7.5	255	190	20.0	429	7.7	.7
905	Mrs. O'Neil Roberts	26	May 30, 1967	19	34	68	388	840	220	160	3.0	47	1,350	364	69.9	2,120	7.9	8.9
17-608	Ray Selman	93	July 6, 1967	42	95	24	81	462	48	62	.5	<	580	336	34.3	936	7.5	1.9
610	R. H. Nowell	105	do	12	198	68	357	344	600	425	.7	58	1,890	780	50.0	2,760	7.7	5.6
905	August Rueffer estate	30	Mar. 7, 1967	9	171	122	276	31	630	394	1.0	91	1,850	930	39.2	3,010	7.6	3.9
914	Homer C. Reeves	49	Nov. 29, 1967	15	400	151	790	232	1,810	850	1.0	100	4,230	1,620	51.4	5,240	7.6	8.6
18-102	J. Lewis Carmon	45	Feb. 2, 1967	21	53	40	130	370	58	130	.5	53	670	297	48.9	1,113	7.5	3.3
103	John A. Sosebee	55	do	21	71	40	117	292	62	168	.5	69	690	341	42.8	1,180	7.8	2.8
104	Raymond Spraberry	60	Mar. 20, 1967	21	70	23	98	355	49	66	.5	70	570	269	44.3	895	7.5	2.6
108	do	32	July 6, 1953 Mar. 20, 1967	19 20	71 66	36 34	135 130	348 357	54 57	165 128	.4 .5	55 70	706 680	325 304	47 48.2	1,200 1,060	7.8 7.6	-- 3.3
109	Burford M. Spraberry	65	Mar. 22, 1967	15	65	52	322	306	314	371	.8	8	1,300	376	65.1	2,110	7.9	7.3
236	R. S. Spraberry	62	do	22	48	37	144	353	72	113	.5	67	680	271	53.7	1,076	8.0	3.8
244	W. D. Baker	45	Apr. 20, 1967	24	80	31	96	279	65	93	.8	118	650	325	39.2	1,016	7.6	2.3
324	Paul Baucum	85	Aug. 9, 1967	13	160	160	1,540	317	2,290	1,200	1.5	8	5,500	1,060	76.1	6,900	7.7	20.6
706	Elmer Holland	79	Sept. 29, 1967	33	226	81	187	415	179	560	.2	5.5	1,480	900	31.1	2,490	7.4	2.7

Vale Formation - Continued

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO ₃)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)	
Vale Formation -- Continued																			
30-18-707	Elmer Holland	66	Sept. 29, 1967	27	122	48	132	292	123	310	0.3	3.5	910	500	36.3	1,580	7.8	2.6	
25-101	Carl Jackson	120	June 24, 1953	24	94	39	36	270	130	67	1.4	34	559	395	16	921	7.3	--	
104	do	120	Feb. 24, 1967	22	63	58	62	448	23	54	1.2	80	580	397	25.4	969	7.4	1.4	
107	do	120	do	22	70	55	46	367	25	95	1.2	57	550	404	19.8	951	7.3	1.0	
201	Homer C. Reeves	29	Nov. 29, 1967	18	202	88	233	445	590	277	.8	5.0	1,030	870	36.9	2,350	7.4	3.5	
308	Rex A. Smith	45	Dec. 27, 1967	17	211	135	436	227	1,130	469	.8	43	2,550	1,080	46.6	3,400	8.0	5.9	
309	do	65	do	23	257	143	436	510	1,250	268	1.1	147	2,780	1,230	43.5	3,490	7.4	5.4	
504	E. L. Tarpley	70	Dec. 19, 1967	20	150	61	213	345	260	245	1.7	210	1,330	620	42.7	2,050	7.5	3.7	
505	J. C. Jones	83	Dec. 21, 1967	22	153	67	121	278	232	245	.7	105	1,080	660	28.5	1,720	7.6	2.0	
603	M. G. Holloway	25	Nov. 30, 1967	9	380	389	2,670	244	3,940	2,880	5.2	6.5	10,400	2,500	69.7	11,760	7.5	23.2	
26-605	J. David Proctor	68	Jan. 4, 1968	13	92	83	1,040	304	600	1,350	.9	<.4	3,330	570	79.5	5,120	7.7	19.0	
501	Bernice H. Simpson	18	Feb. 7, 1967	22	72	158	550	471	660	550	4.5	165	2,410	830	59.1	3,550	7.7	8.3	
702	J. David Proctor	43	Jan. 4, 1968	24	166	135	560	550	740	580	.8	147	2,620	970	56.0	3,700	7.7	7.8	
706	do	72	do	<.4	18	110	730	242	660	810	.6	<.4	2,450	496	76.2	3,910	8.8	14.2	
Bullwagon Dolomitic Member of Vale Formation																			
30-01-901	Mack T. Claburn	50	Feb. 28, 1967	15	520	148	307	238	1,800	377	1.0	8	3,290	1,910	25.7	3,850	7.3	3.1	
903	do	40	do	17	499	138	335	256	1,780	373	.9	7.5	3,280	1,820	28.6	4,150	7.4	3.4	
02-401	M. R. McCraw	47	Mar. 17, 1944	--	--	--	--	318	809	222	--	--	--	--	--	--	--	--	
			Feb. 5, 1968	19	199	116	285	265	198	820	.8	36.0	1,790	980	38.8	2,950	7.4	4.0	
09-202	Dr. J. C. Duff	60	Feb. 10, 1967	18	590	130	124	194	1,710	229	1.1	40	2,940	2,020	11.8	3,410	7.3	1.2	
204	do	57	do	18	570	104	115	193	1,630	152	1.2	60	2,750	1,840	12.0	2,990	7.2	1.2	
305	A. R. McRay	61	Feb. 8, 1968	13	376	263	610	421	1,870	670	6.4	147	4,160	2,020	39.5	4,910	7.9	5.9	
422	Doyle Jacobs estate	83	Feb. 7, 1967	15	530	138	199	139	1,840	236	1.2	11	3,040	1,890	18.6	3,440	7.2	2.0	
503	Berman A. Propst	72	Jan. 20, 1967	19	149	76	48	223	404	126	.8	8.0	940	680	13.3	1,350	7.6	.8	
505	J. A. Walker	40	Jan. 23, 1967	18	375	170	141	173	730	760	1.1	6.0	2,290	1,640	15.8	3,280	7.2	1.5	
506	Dr. J. C. Duff	60	Feb. 10, 1967	19	580	209	156	256	1,900	251	1.2	190	3,430	2,300	12.8	3,800	7.4	1.4	
509	Mrs. Mimmie C. Jones	60	Feb. 28, 1967	20	213	116	167	237	850	218	1.0	23	1,730	1,010	26.5	2,440	7.4	2.3	
513	Berman A. Propst	45	Jan. 25, 1967	19	200	126	116	227	590	305	1.2	49.0	1,520	1,020	19.8	2,150	7.5	1.6	
514	Mrs. J. Frank Davis	60	July 15, 1953	14	556	260	1,270	205	3,070	1,300	.8	17	6,590	2,460	53	8,160	7.6	--	
515	John I. Teague	60	Mar. 20, 1967	9	640	328	1,220	316	2,980	1,110	4.0	840	7,300	2,950	47.5	8,050	7.5	9.8	
516	H. W. McLaren	41	Oct. 11, 1967	10	337	194	620	283	1,250	1,000	1.1	<.4	3,550	1,660	44.7	4,900	7.1	6.6	
518	W. M. Holloway	60	Feb. 9, 1968	19	182	88	170	251	570	252	1.0	29.5	1,440	810	31.2	2,050	7.6	2.6	

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CAL- CIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	BICAR- BONATE (HCO ₃)	SUL- FATE (SO ₄)	CHLO- RIDE (Cl)	FLUO- RIDE (F)	NI- TRATE (NO ₃)	DIS- SOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECTRIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	SODIUM ABSORP- TION RATIO (SAR)
30-09-601	Dele King	40	May 9, 1967	13	345	132	890	282	2,370	610	2.1	14.0	4,580	1,650	53.7	5,460	7.4	9.5
602	Mrs. Louise Shappard	80	June 20, 1967	17	590	131	380	198	1,880	500	1.6	10	3,610	2,010	28.9	4,340	7.2	3.7
603	John I. Teague	40	Mar. 20, 1967	11	530	177	810	282	2,310	820	1.2	71	4,870	2,060	46.4	6,050	7.3	7.8
607	Guy E. Steen	65	Feb. 8, 1968	15	132	57	227	298	363	283	.8	47	1,270	560	46.7	1,950	7.7	4.2
613	B. D. Bryan	64	do	1	15	28	269	146	285	223	.4	<	890	153	79.3	1,500	7.7	9.6
801	Johnnie White	65	Aug. 30, 1967	13	600	209	780	250	2,540	960	1.4	11.5	5,230	2,360	42.1	6,060	7.9	7.0
802	do	60	do	17	352	153	301	278	1,090	580	1.2	31	2,660	1,510	30.3	3,550	7.6	3.4
901	Clifford Thorn	42	Aug. 20, 1956 Mar. 1, 1968	-- 21	157 208	117 114	165 162	248 453	784 476	169 237	-- .7	-- 88	1,566 1,510	-- 990	29.1 23.9	-- 2,150	-- 7.6	2.4 2.0
902	Roy P. Numley	8	--	--	592	91	277	256	1,590	391	.8	49	3,450	1,850	25	--	7.5	--
903	Mack T. Claburn	62	Feb. 28, 1967	17	346	172	310	246	980	670	.9	34	2,650	1,570	29.9	3,750	7.5	3.4
904	do	62	do	18	242	148	251	254	950	383	1.0	18	2,160	1,210	31.1	2,860	7.6	3.1
905	do	37	do	15	251	156	249	170	1,100	362	1.0	<	2,220	1,270	30.0	3,090	7.1	3.0
906	Mrs. E. F. Simmons estate	42	Mar. 20, 1967	20	122	54	107	403	176	185	.5	12	880	530	30.6	1,520	7.5	2.0
907	John Deatheradge	17	do	18	99	56	188	395	207	225	.7	19	1,010	480	45.9	1,750	7.7	3.7
909	Russell Addison	55	June 2, 1967	12	530	189	740	196	2,080	1,010	1.5	9	4,670	2,100	43.4	5,780	7.2	7.0
910	Guy E. Steen	75	Feb. 8, 1968	18	344	194	495	276	1,220	890	1.0	34	3,330	1,660	39.3	4,390	7.5	5.4
912	J. P. Ward	80 40	July 30, 1953 Feb. 9, 1968	17 17	314 407	118 334	265.6 830	222 290	1,310 2,390	228 910	.8 2.5	6.9 105	2,170 5,100	1,270 2,390	31 43.1	3,120 5,950	7.6 7.4	-- 7.4
913	R. L. Goza	72	Feb. 29, 1968	18	149	77	171	255	282	352	.8	60	1,240	690	35.0	1,975	7.7	2.8
921	Bill Leopard	70	Mar. 1, 1968	20	286	183	314	425	890	590	.9	65	2,560	1,470	31.7	3,500	7.7	3.6
922	D. L. Boyd	60	Mar. 18, 1968	16	376	102	279	233	1,070	389	1.0	71	2,420	1,360	30.6	3,050	7.4	3.3
10-109	West Texas Utilities Company	120	Mar. 17, 1944	--	--	--	--	153	517	790	--	--	--	--	--	--	--	--
110	Clinton C. Moss	65	June 20, 1967	18	240	114	349	217	407	770	1.0	220	2,230	1,070	41.5	3,450	7.5	4.6
731	W. M. Wright	45	May 8, 1967	18	114	95	279	278	350	429	1.1	103	1,530	670	47.3	2,410	7.7	4.7
732	do	45	do	18	147	124	334	244	377	650	1.3	68	1,840	880	45.3	3,030	7.5	4.9
733	Bill Wright	96	do	<	1	20	175	109	197	172	.7	4.0	650	142	72.9	1,092	7.5	6.4
735	Jimmie Lee Gordon	100	do	1	106	42	291	79	429	394	1.2	11.0	1,310	437	59.4	2,120	7.7	6.1
17-302	R. B. Rowland	45	Jan. 13, 1967	--	135	42	176	620	135	160	.8	5	960	510	42.9	1,560	7.5	3.4
303	do	85	Jan. 12, 1967	40	160	41	210	600	164	248	.8	3	1,160	570	44.5	1,800	7.3	3.8
304	Alton Garrett	75	Jan. 10, 1967	38	122	26	163	445	119	165	1.0	46	900	415	46.0	1,420	7.6	3.5
314	Joe A. Morrow	60	Mar. 20, 1967	18	99	79	247	373	305	325	.9	30	1,290	580	48.3	2,150	7.4	4.5

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO ₃)	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)	
Bullwagon Dolomite Member of Vale Formation -- Continued																			
30-17-315	Joe A. Marrow	60	Mar. 20, 1967	16	162	80	269	296	621	309	0.9	17	1,620	730	44.3	2,470	7.6	4.3	
320	J. E. Nix	85	June 9, 1967	16	308	72	467	159	1,270	440	1.2	< .4	2,650	1,060	48.8	3,400	7.4	6.3	
331	City of Anson	88	Nov. 9, 1967	--	87	52	121	226	77	295	.5	16	855	431	38	--	7.9	--	
332	Raymond Russell	45	do	21	112	60	122	357	195	170	.7	88	820	464	35.9	1,390	7.8	2.4	
335	Donald Blankenship	50	June 25, 1953	24	210	63	189	224	243	160	.8	22	950	530	33.6	1,500	7.5	2.3	
338	Junior Meek	55	Jan. 3, 1968	24	177	54	164	320	297	295	.8	30	1,520	783	34	2,190	7.7	--	
501	W. C. Leopard	70	Oct. 10, 1967	31	66	53	155	730	71	38	1.8	< .4	1,200	660	35.0	1,900	7.4	2.8	
504	do	70	do	20	218	87	150	128	680	284	.7	22	780	383	46.8	1,200	7.8	3.4	
505	do	73	do	20	162	51	128	260	491	115	.8	12	1,530	900	26.7	900	7.3	2.2	
509	H. K. Clifton	60	do	20	407	301	587	317	201	2,130	.7	24	1,120	620	30.6	1,500	7.7	2.2	
804	A. J. Teal	90	Mar. 7, 1967	11	410	88	167	270	1,180	194	.8	18	3,820	2,250	35.8	6,300	7.3	5.4	
820	Rex A. Smith	65	Nov. 24, 1967	18	99	25	35	411	28	60	.4	10	2,200	1,390	20.7	2,750	7.2	1.9	
835	W. F. Bumpass	80	Jan. 4, 1968	26	132	48	143	270	108	317	.6	85	457	351	18.0	780	7.7	.8	
25-110	J. E. Touchstone	82	Nov. 24, 1967	10	207	107	354.7	295	710	560	.5	< .4	990	530	37.0	1,700	7.4	2.7	
111	do	80	do	22	84	36	61	271	31	146	.4	43	2,080	960	44.2	3,030	7.4	4.9	
114	Tirah H. Bumpass	95	Nov. 3, 1968	17	236	69	159	123	580	351	.8	5.0	560	359	26.6	974	7.8	1.4	
202	Edward J. Cooley	85	Nov. 24, 1968	15	354	155	263	227	1,270	426	.9	13.0	1,480	870	28.4	2,190	7.9	2.4	
204	Richard Cooley	--	do	21	293	138	228	290	233	810	.6	252.0	2,610	1,520	27.3	3,250	7.6	2.9	
207	Ab Hunter, Jr.	75	Mar. 18, 1968	18	147	104	170	346	438	263	1.2	63	1,370	800	31.7	3,350	7.4	2.7	
301	Edward J. Cooley	53	Feb. 7, 1967	25	83	31	199	444	204	134	1.1	31	930	338	56.2	2,050	7.4	2.6	
302	do	80	do	25	93	51	198	499	218	133	.7	40	1,000	444	49.4	1,500	7.6	4.7	
501	B. L. Hobbs	78	Dec. 19, 1967	34	103	51	141	420	132	132	2.0	105	910	465	39.7	1,610	7.5	4.1	
502	J. B. Brooming	60	do	25	110	64	111	353	89	229	.9	88	890	540	31.1	1,500	7.7	2.8	
507	Norman Sloan	75	Dec. 20, 1967	12	82	40	290	364	365	186	1.1	84	1,240	372	62.9	1,890	7.4	2.1	
Chosa Formation																			
29-08-602	Svenson Land and Cattle Company	50	Nov. 6, 1967	13	125	80	69	272	393	93	1.0	23	930	640	19.1	1,360	8.0	1.2	
604	do	50	do	10	570	204	263	204	1,690	620	1.8	80	3,540	2,270	20.1	4,210	7.7	2.4	
16-301	H. L. Ford	37	Feb. 8, 1967	17	277	164	225	234	1,150	293	1.8	78	2,320	1,370	26.3	2,960	7.5	2.5	
602	Chittenden estate	64	Jan. 20, 1967	17	274	99	125	218	890	158	1.0	20.0	1,690	1,090	19.9	2,100	7.5	1.6	
603	do	32	Feb. 13, 1967	21	165	135	105	453	314	256	.9	195	1,420	970	19.1	2,110	7.8	1.5	

See footnotes at end of table.

Table 8. - Chemical Analyses of Water From Wells and Springs - Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLOUORIDE (F)	NT-TITRATE (NO ₃)	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
29-16-604	Clark and Cowden Production Company	65	Jan. 20, 1967	8	138	66	151	353	479	99	0.6	<	1,120	620	34.9	1,000	7.4	2.6
605	do	65	do	11	357	122	219	160	1,380	181	1.0	<	2,350	1,400	25.5	2,800	7.5	2.6
607	M. D. St. John	40	Jan. 26, 1967	13	4,660	1,560	1,730	123	1,320	14,700	1.0	<	24,200	18,100	17.2	> 12,000	6.8	5.6
608	Chittenden estate	90	Jan. 20, 1967	15	474	154	263	237	1,910	181	1.0	8.0	3,120	1,820	23.9	3,400	7.8	2.7
609	M. D. St. John	75	Jan. 26, 1967	13	4,540	1,760	8,760	121	860	26,300	.9	<	42,300	18,600	50.6	> 12,000	6.9	28.0
610	Chittenden estate	90	Jan. 20, 1967	17	464	129	231	160	1,690	213	1.2	3.0	2,830	1,690	22.8	3,200	7.5	2.5
901	Sam Brooks	32	June 24, 1953	19	450	94	124	168	1,360	152	.8	13	2,300	1,510	15	2,760	7.7	--
24-201	Doyle Jacobs estate	59	Feb. 7, 1967	18	210	74	140	403	443	232	.6	13	1,350	830	26.8	1,950	7.3	2.1
204	J. C. Rainwater	27	Mar. 7, 1968	13	640	230	348	260	1,910	780	1.1	13.0	4,080	2,630	22.4	4,850	7.5	3.0
301	J. M. Arnett	60	Feb. 9, 1967	6	560	499	900	203	3,170	1,260	2.1	<	6,500	3,450	36.3	7,270	7.4	6.7
306	do	33	do	18	114	104	148	495	212	282	1.1	35	1,160	710	31.2	2,000	7.7	2.4
308	do	26	do	16	285	183	276	320	810	550	.8	3.0	2,380	1,470	29.0	3,460	7.4	3.1
309	B. F. Higgins	52	Jan. 26, 1968	15	393	59	135	129	1,050	181	.9	36.0	1,930	1,230	19.3	2,380	7.7	1.7
313	J. C. Rainwater et al.	85	Nov. 13, 1967	25	276	85	146	245	760	238	.7	80	1,730	1,040	23.4	2,290	7.3	2.0
508	Mrs. Z. Edgar Boaz	65	Oct. 18, 1967	18	317	105	147	203	1,090	167	.9	26	1,970	1,220	20.8	2,400	7.4	1.8
602	C. H. Lee	11	Nov. 21, 1967	10	45	4	17	163	7	7	.1	<	157	130	6.2	291	8.0	.2
604	do	46	do	19	151	57	121	366	113	190	.5	265.0	1,100	610	30.2	1,660	7.7	2.1
802	Dr. J. C. Duff and J. W. Adams	44	Feb. 9, 1967	10	50	27	37	255	40	19	.4	43	351	234	25.8	588	7.8	1.1
808	Mrs. Lela Boaz	60	Mar. 7, 1967	7	690	170	401	129	2,400	486	1.2	6	4,220	2,420	26.4	4,770	7.4	3.6
32-105	Mrs. Zada Beard	42	Jan. 17, 1968	17	560	213	325	179	2,140	426	1.0	<	3,770	2,280	23.7	4,170	7.5	3.0
106	do	60	do	13	474	160	318	205	1,850	305	1.0	<	3,220	1,840	27.3	3,550	7.8	3.2
201	Alec Carter	105	Feb. 24, 1967	16	520	122	214	111	1,720	232	1.0	50	2,930	1,810	20.4	3,360	7.4	2.2
206	Dr. J. C. Duff and J. W. Adams	60	Feb. 9, 1967	18	261	64	99	200	850	67	.8	18	1,480	920	19.1	1,900	7.5	1.4
208	Alec Carter	47	Feb. 24, 1967	15	540	116	240	109	1,920	160	1.1	17	3,060	1,840	22.1	3,450	7.5	2.5
210	Noodle School	100	Nov. 27, 1967	19	82	26	80	268	64	81	.8	115	600	313	35.7	950	7.6	2.0
214	Travis Farmer	60	Dec. 10, 1968	18	134	227	550	162	1,000	900	1.1	.5	2,910	1,270	48.3	4,050	7.8	6.7
304	Finus W. Gade	80	Dec. 1, 1967	19	172	85	90	220	249	378	1.1	12	1,110	780	20.1	1,850	7.4	1.4
306	Mrs. V. E. Eller	80	Jan. 17, 1968	18	51	25	47	239	35	63	.7	26.5	385	232	30.5	660	7.7	1.3
401	H. H. Windham	52	Dec. 1, 1967	13	1,300	219	510	198	1,570	2,450	1.1	10.5	6,160	4,150	21.1	7,760	7.2	3.5
503	Frank Carter	57	do	18	89	34	72	310	93	89	.6	59	610	362	30.2	972	7.7	1.7

Chosa Formation - Continued

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NETRATE (NO ₃)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
29-32-504	Pete Burfield	67	Jan. 5, 1968	18	146	85	91	248	103	415	0.8	18	1,000	720	21.7	1,810	7.4	1.5
601	S. C. Herring, Jr.	25	Dec. 19, 1967	13	590	153	276	203	1,760	454	1.2	17	3,360	2,110	22.2	3,900	7.3	2.6
602	do	68	do	16	2,520	660	1,840	149	54	9,300	.8	<	14,500	9,000	30.8	> 12,000	6.8	8.4
701	Douglas Reddin	--	Jan. 5, 1968	19	198	232	391	394	990	640	2.1	25	2,690	1,450	36.9	3,710	7.9	4.5
801	Forest Black	35	do	11	840	413	1,120	292	2,450	2,410	2.0	31.0	7,400	3,800	39.0	8,870	7.4	7.9
802	Woodrow Rogers	19	do	15	560	482	830	261	2,400	1,600	1.2	59	6,100	3,300	35.3	7,310	7.6	6.3
901	Bill Tarpley	60	Dec. 19, 1967	20	62	29	72	271	112	45	1.0	32	510	274	36.4	795	7.6	1.9
902	Otis Foster	60	do	19	90	40	92	288	83	106	.7	135	710	397	33.7	1,060	7.6	2.0
904	S. C. Herring, Jr.	37	do	12	180	71	140	245	560	164	1.1	9	1,260	740	29.1	1,790	7.5	2.2
905	Forest Black	64	Jan. 5, 1968	<	340	199	478	24	1,990	426	1.1	<	3,450	1,670	38.5	4,100	6.5	5.1
30-01-401	E. D. Apperson	43	Feb. 5, 1968	12	126	57	72	253	312	86	.9	68	860	550	22.2	1,260	7.7	1.3
402	do	51	do	12	610	134	266	113	1,880	411	1.2	43	3,410	2,080	21.8	3,800	7.5	2.5
406	Carl Lunn	50	July 11, 1953	16	282	80	219	189	1,060	138	1.2	45	1,940	1,030	30	2,400	7.6	--
504	E. D. Apperson	800	Feb. 5, 1968	17	106	85	142	378	1,110	181	1.4	300	1,130	610	33.6	1,725	7.4	2.5
601	Carl Lunn	52	do	10	360	137	197	117	1,260	342	2.2	18	2,380	1,460	22.6	2,970	7.6	2.2
09-101	Helen Baker Propat	60	Feb. 6, 1968	18	324	148	214	253	790	570	1.1	23	2,210	1,420	24.7	3,150	7.6	2.5
102	do	70	Jan. 20, 1967	19	73	48	52	367	120	37	1.0	12.0	540	378	22.9	850	8.0	1.2
107	H. L. Ford	37	do	19	89	56	45	305	128	101	1.0	20.0	610	453	17.9	1,000	7.7	.9
109	do	75	Feb. 8, 1967	3	35	37	76	400	39	39	.6	<	427	239	40.8	800	7.3	2.1
203	J. H. Fry	36	do	20	74	53	53	329	158	40	.8	39	600	400	22.5	919	7.7	1.2
403	Herman A. Propat	90	June 19, 1967	5	80	33	61	82	239	104	.7	16	580	335	28.3	930	7.0	1.5
404	Chittenden estate	28	Jan. 20, 1967	21	74	38	53	333	60	73	.6	17.0	500	342	25.3	855	7.8	1.3
405	J. B. Young estate	65	do	16	498	142	189	182	1,630	305	1.2	7	2,880	1,830	18.3	3,210	7.6	1.9
412	do	47	Jan. 25, 1967	15	530	160	207	128	1,820	256	2.0	6.0	3,060	1,980	18.5	3,440	7.4	2.0
415	do	47	July 10, 1953	17	90	47	69.3	273	214	70	1.2	13	731	418	26	1,050	7.7	--
419	H. L. Ford	59	Jan. 25, 1967	3	57	63	179	233	304	202	1.0	.4	920	402	49.2	1,510	7.8	3.9
420	Doyle Jacobs estate	35	Feb. 8, 1967	17	294	129	169	157	1,310	116	1.0	8	2,120	1,260	22.5	2,490	7.4	2.1
421	do	36	Feb. 7, 1967	21	104	76	131	334	384	120	1.0	36	1,040	580	33.2	1,540	7.5	2.4
423	Madegen Rainwater	60	do	21	62	30	29	267	60	41	.9	16	391	281	18.2	639	7.8	.8
424	do	40	Feb. 23, 1967	21	71	48	32	376	68	32	.9	12	470	373	15.6	785	7.5	.7
426	M. T. McIlwain	24	do	21	143	80	97	310	510	83	1.0	25	1,110	690	23.5	1,540	7.4	1.6
			Apr. 4, 1967	19	321	147	203	220	1,290	186	1.3	9.0	2,280	1,410	23.9	2,800	7.3	2.4

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NETRATE (NO ₃)	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOSES AT 25 °C)	pH	SODIUM ADSORPTION RATIO (SAR)	
Chocoma Formation -- Continued																			
30-09-427	M. T. McIlwain	90	Apr. 4, 1967	21	213	144	146	272	830	229	1.1	21.5	1,740	1,130	22.0	2,310	7.6	1.9	
701	John L. Beauchamp	85	June 19, 1967	19	202	112	133	215	655	273	1.3	25	1,530	970	23.1	2,180	7.3	1.9	
702	do	50	do	15	291	215	416	294	1,260	560	1.6	170	3,070	1,610	36.2	4,010	7.3	4.5	
703	Y. Z. Jimenez	80	Mar. 29, 1968	19	152	211	402	520	890	415	2.0	210	2,560	1,250	41.1	3,400	7.4	4.9	
804	Hoke Propat	51	Nov. 16, 1967	4.5	25	11	16	124	20	11	.3	7	146	110	18.5	280	7.2	.5	
805	C. C. Tabb	45	Jan. 26, 1968	22	270	134	219	306	309	810	.5	34.0	1,950	1,230	28.0	3,160	7.6	2.7	
17-111	--	48	Nov. 14, 1967	18	148	119	150	238	174	520	.7	128	1,380	860	27.6	2,340	7.5	2.2	
112	J. R. Miller	95	Jan. 26, 1968	20	154	69	104	254	247	288	.7	43.0	1,050	670	25.2	1,700	7.5	1.7	
201	Kenneth Herndon	90	Feb. 7, 1967	12	319	197	470	276	1,950	266	1.1	68	3,420	1,610	38.6	3,860	7.4	5.1	
202	do	39	do	3	37	54	131	233	258	107	.7	3.0	710	316	47.5	1,120	7.6	3.2	
203	do	22	do	17	170	83	202	240	714	186	1.0	26	1,520	770	36.4	2,090	7.5	3.2	
204	Nina Garmon	120	Oct. 17, 1967	30	62	16	88	281	57	40	1.8	95	530	222	46.4	781	7.7	2.6	
205	T. R. Busby	28	Oct. 20, 1953	28	67	18	143	408	99	52	.8	48	657	241	56	1,030	7.7	--	
			Oct. 19, 1967	24	63	14	131	368	92	16	.8	88	610	216	36.9	935	7.3	3.9	
206	J. C. Rainwater	84	Nov. 13, 1967	6.5	77	44	113	172	166	217	.7	3	710	372	39.8	1,240	7.6	2.6	
207	Hoke Propat	29	Nov. 14, 1967	15	540	353	800	344	2,590	990	2.5	130	5,600	2,800	38.1	6,350	7.3	6.6	
208	do	31	do	18	71	46	89	350	96	98	.8	76	670	368	34.6	1,055	7.6	2.0	
209	do	28	Oct. 20, 1953	22	61	33	113	345	79	95	.6	42	616	288	46	1,010	7.6	--	
			Nov. 14, 1967	18	56	32	107	340	88	83	.6	37	590	273	46.0	965	7.8	2.8	
210	do	78	July 14, 1953	16	113	43	137.4	242	349	135	1.4	14	1,010	459	39	1,470	8.1	--	
			Nov. 14, 1967	15	126	52	153	229	428	154	1.2	20	1,060	530	38.6	1,580	7.9	2.9	
214	Wood and Hill Corporation	60	Mar. 14, 1968	21	203	134	199	357	298	580	1.0	85	1,700	1,060	29.0	2,690	7.8	2.7	
329	Mrs. A. L. Rainwater	65	Oct. 17, 1967	24	78	24	132	429	105	53	1.7	60	690	293	49.4	1,060	8.0	3.3	
411	Hoke Propat	--	Oct. 20, 1953	18	132	44	131	277	359	128	1.0	15	964	510	36	1,470	7.6	--	
			Nov. 14, 1967	18	127	65	162	343	384	169	.9	38	1,130	590	37.5	1,700	7.6	2.9	
514	do	50	do	13	52	29	107	221	96	135	.8	24	570	247	48.5	967	7.7	1.5	
711	Ethel Foy	21	Nov. 24, 1967	20	79	35	110	359	74	108	3.0	75	680	341	41.2	1,106	7.4	2.6	
25-109	C. F. Hill	40	Sept. 25, 1967	15	570	141	288	154	1,980	330	1.1	6.0	3,410	2,010	23.6	3,800	7.7	2.8	
115	J. B. Griffin, St.	73	Dec. 10, 1968	20	70	49	98	455	116	70	2.2	6.5	660	378	36.0	1,045	7.8	2.2	
701	E. L. Tarpley	50	Dec. 19, 1967	20	199	156	570	438	1,220	383	2.0	189	2,930	1,140	52.0	3,730	7.4	7.3	
Merkel Dolomite Member of Chocoma Formation																			
29-08-802	Clarence and Mary Byer	20	July 14, 1953	20	59	38	66	383	41	26	1.0	62	501	303	32	726	8.0	--	
		17	Jan. 30, 1968	22	114	79	127	456	207	173	.9	85.0	1,030	610	31.1	1,600	7.8	2.2	

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO ₃)	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)	
San Angelo Formation																			
29-07-901	Bobby Crowley	38	Feb. 9, 1968	12	1,250	690	1,820	326	2,120	5,000	2.2	168	11,200	6,000	39.8	> 12,000	--	10.2	
902	Floyd Clifton	40	do	15	990	860	1,900	240	2,840	4,820	3.0	88.0	11,600	6,000	40.9	> 12,000	7.3	10.7	
903	C. R. Crowley	50	do	9	590	297	1,090	379	2,780	1,250	2.3	8.5	6,200	2,700	46.9	7,075	7.7	9.2	
08-402	George Harrell	160	Jan. 29, 1968	9	254	105	437	750	1,340	96	.9	6.5	2,660	1,070	44.4	3,350	7.4	5.4	
604	H. B. Walton	125	Feb. 6, 1968	9	770	211	670	198	2,240	1,000	2.8	315	5,300	2,800	34.2	6,100	7.5	5.5	
501	Otto Steinke	40	Feb. 5, 1968	13	387	158	430	222	1,630	394	2.7	50.0	3,170	1,620	36.6	3,740	7.9	4.6	
502	do	seep	do	8	540	2,010	4,230	920	12,000	3,480	5.9	357.0	23,100	9,600	48.9	> 12,000	7.9	18.8	
503	Moore Elevator	48	do	20	82	60	75	397	104	58	.9	105	700	452	26.4	1,135	7.8	1.5	
504	D. O. Mayhew	24	Feb. 6, 1968	24	156	92	267	442	364	264	1.5	294	1,680	770	43.0	2,400	7.8	4.2	
701	Mrs. B. H. Gardner	80	Jan. 29, 1968	16	710	371	550	257	3,030	432	3.1	546	5,800	3,300	26.4	5,800	7.3	4.1	
803	M. F. Jones	40	Mar. 7, 1968	30	123	229	560	580	890	610	6.4	210	2,940	1,250	49.4	4,040	7.9	6.9	
805	Moore Elevator	78	do	0	155	53	76	35	630	48	.8	<	980	600	21.4	1,350	7.5	1.3	
15-601	Mrs. L. H. McBride	160	July 30, 1953	8.9	510	97	887	116	2,860	372	.9	1.0	4,790	1,670	54	5,800	7.7	2.5	
			Jan. 30, 1968	12	600	151	271	254	1,700	484	2.2	10.0	3,360	2,130	21.7	3,910	7.2	--	
901	D. D. Kerns	50	Jan. 25, 1968	10	950	120	285	221	1,900	930	1.1	43.0	4,350	2,860	17.8	5,010	7.3	2.3	
902	A. M. Dooney estate	190	July 30, 1953	18	616	98	95.4	258	1,430	285	.6	62	2,790	1,940	9	3,340	7.6	--	
			Jan. 25, 1968	24	680	284	397	383	1,890	920	2.9	142.0	4,530	2,810	23.1	5,390	7.2	3.2	
903	L. E. Rector	290	Jan. 26, 1968	11	580	125	690	150	2,440	540	1.1	65	4,530	1,960	43.4	5,110	7.2	6.8	
16-201	Josephine Holmes	70	Feb. 9, 1968	25	122	112	193	353	386	173	1.9	273	1,460	770	35.4	2,060	7.8	3.0	
202	Mrs. Dave Herbst	60	do	10	90	76	235	238	255	372	1.0	75	1,230	540	48.8	2,010	7.9	4.4	
401	J. J. King	31	Apr. 24, 1967	20	115	65	108	411	260	118	1.0	22	910	560	29.8	1,400	7.4	2.0	
402	do	37	do	10	216	94	170	275	590	336	1.1	<	1,550	920	28.6	2,270	7.8	2.4	
403	J. L. Weaver	70	Jan. 25, 1968	34	353	393	750	375	2,150	1,080	2.5	39.0	4,990	2,496	39.5	6,010	7.3	6.5	
404	J. E. Brown	42	do	27	324	291	850	432	2,080	890	3.0	22	4,700	2,010	47.9	5,710	7.5	8.1	
405	F. E. Gauntt	110	July 13, 1953	19	776	343	402	211	2,050	1,300	1.0	112	5,110	3,350	20	6,650	7.3	--	
			Jan. 25, 1968	1	63	13	23	94	123	41	.3	8.5	319	211	19.3	552	7.0	.7	
406	J. E. McKinney estate	50	Jan. 29, 1968	22	550	132	416	373	1,740	469	2.1	40.5	3,550	1,930	31.9	4,180	7.3	4.1	
407	Ina Mae Station	28	Feb. 7, 1968	13	452	134	476	262	1,460	720	1.1	30	3,420	1,680	38.1	4,290	7.6	5.0	
501	Mrs. Frank Taylor	80	Jan. 30, 1968	13	25	15	48	333	<	4	.6	<	401	125	45.4	790	6.9	1.8	
502	Irby Weaver	80	do	17	108	89	114	355	319	104	1.9	105	1,030	640	28.1	1,580	7.8	2.0	
504	John Green	91	Feb. 7, 1968	19	32	14	144	417	59	28	1.9	12	520	140	69.1	825	7.9	5.3	
702	J. Noel Weaver	55	Apr. 24, 1967	34	260	298	770	540	2,310	447	4.0	16	4,410	1,880	46.9	5,090	7.8	7.7	
703	do	105	do	30	192	74	285	479	700	185	2.1	42	1,750	780	44.1	2,350	7.5	4.4	
704	do	33	do	22	422	364	920	367	3,170	740	3.8	<	5,800	2,550	44.0	6,640	7.6	7.9	

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CAL- CIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	BICAR- BONATE (HCO ₃)	SUL- FATE (SO ₄)	CHLO- RIDE (Cl)	FLUO- RIDE (F)	NI- TRATE (NO ₃)	DIS- SOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE AT 25°C	pH	SODIUM ABSORP- TION RATIO (SAR)	
San Angelo Formation -- Continued																			
29-16-706	J. Noel Weaver	60	Apr. 24, 1967	4	165	107	160	156	720	217	1.2	<	1,450	850	29.0	2,040	7.1	2.4	
707	Lenlie Cory	75	Jan. 17, 1968	18	82	75	54	560	45	54	1.0	63	670	510	18.6	1,092	7.4	1.0	
709	do	140	do	16	132	64	110	420	387	72	1.2	5.5	1,000	590	28.8	1,440	7.6	2.0	
710	Milton Carter	50	Jan. 25, 1968	17	660	86	164	307	1,560	330	1.1	10.5	2,980	2,000	15.1	3,400	7.5	1.6	
711	R. P. Williams	60	do	38	530	425	740	494	2,060	880	2.7	1,050	5,970	3,080	34.4	6,660	7.3	5.8	
801	G. D. Beall	55	Apr. 24, 1967	17	148	90	181	393	320	334	.8	22.0	1,310	740	34.7	2,050	7.6	2.9	
802	Homer L. Neal	46	Jan. 26, 1968	25	290	147	259	328	271	560	1.8	630	2,340	1,330	29.7	3,500	7.3	3.1	
804	J. P. Bingham	80	do	19	89	40	82	376	85	118	.6	11.5	630	390	31.5	1,064	7.7	1.8	
24-101	Dee Cory	65	Jan. 17, 1968	16	410	262	197	534	1,550	346	1.1	15.0	3,060	2,100	16.9	3,520	7.3	1.9	
103	H. E. Dooney	16	Jan. 25, 1968	10	27	9	52	144	82	9	.9	5.5	267	107	51.7	640	7.5	2.1	
203	Bill Feagan	87	do	18	256	152	149	344	580	510	.4	5.5	1,840	1,260	20.4	2,640	7.1	1.8	
407	Jim S. Richards	105	Oct. 17, 1967	1	99	98	93	151	436	179	.6	.4	980	650	23.8	1,504	7.5	1.6	
31-601	Finus M. Gade	50	Dec. 1, 1967	20	348	101	251	279	560	650	1.0	165	2,230	1,290	29.8	3,150	7.2	3.0	
602	D. P. Adams	60	Jan. 5, 1968	1	186	74	370	21	950	390	.8	3.5	1,990	770	51.0	2,790	6.9	5.8	
603	H. H. McLeod	50	do	31	120	77	350	429	443	311	5.9	105	1,650	620	55.3	2,490	7.9	6.1	
901	Mrs. Bonnie Redus	91	July 30, 1953	17	880	371	1,140	314	1,740	1,870	2.8	1,840	8,020	3,720	40	10,400	7.4	--	
903	Mark H. Williamson	19	Dec. 1, 1967	21	479	161	596	590	1,400	780	2.2	165	3,910	1,860	37.6	4,790	7.4	5.2	
32-101	J. W. Tiner estate	80	do	19	254	113	337	300	610	560	2.4	143	2,190	1,100	40.0	3,180	7.7	4.4	
107	Mrs. Zada Beard	100	Dec. 10, 1968	12	234	108	171	283	119	710	.7	31.0	1,870	1,090	34.0	2,900	7.5	3.4	
403	Ocell Freeman	65	Dec. 5, 1968	49	84	232	390	650	432	620	4.4	147.0	1,530	1,030	26.5	2,530	7.4	2.3	
Blaine Formation																			
29-08-403	Louis B. Baker	37	Jan. 29, 1968	2	264	147	399	246	1,310	430	0.9	<	2,690	1,260	39.6	3,490	7.2	4.7	
702	R. E. Brewer	34	Feb. 9, 1968	3	335	39	65	56	950	66	.7	34.5	1,520	1,000	12.4	1,825	6.9	.6	
703	J. O. Priddy	28	do	13	570	444	580	401	3,140	500	2.1	116	5,600	3,240	27.9	5,750	7.5	4.4	
16-101	H. D. Lavin	100†	Jan. 29, 1968	11	720	289	730	227	2,820	1,014	2.5	30	5,700	2,980	35.1	6,310	7.4	5.8	
Seymour Formation																			
29-07-601	Jake Heir	30	Jan. 30, 1968	18	760	157	680	221	2,030	1,060	2.5	147	4,960	2,530	36.7	5,820	7.2	5.8	
602	do	25	do	19	680	167	304	210	2,100	394	2.2	65	3,830	2,380	21.7	4,140	7.3	2.7	
08-801	F. L. Adamsen	30	do	20	580	321	810	311	2,610	1,030	1.7	59	5,600	2,770	38.7	6,340	7.8	6.6	
807	Colberson estate	32	Dec. 11, 1968	20	384	455	730	475	2,380	1,060	3.2	31.0	5,300	2,830	35.8	6,030	7.4	5.9	

See footnotes at end of table.

Table 8. - Chemical Analyses of Water From Wells and Springs - Continued

WELL	OWNER	DEPTH WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CAL- CIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	BICAR- BONATE (HCO ₃)	SUL- FATE (SO ₄)	CHLO- RIDE (Cl)	FLUO- RIDE (F)	NI- TRATE (NO ₃)	DIS- SOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECTRIC CONDUCTANCE (MICROHMS AT 25°C)	pH	SODIUM ABSORP- TION RATIO (SAR)
29-08-901	J. F. Compton estate	41	Mar. 17, 1964	--	347	173	235	82	1,530	500	2.7	310	2,750	1,580	24.4	3,230	7.4	--
902	G. R. Riddle	20	Jan. 30, 1968	13	180	51	11	550	94	185	2.7	310	720	660	3.4	1,155	7.5	2.6
16-302	Raymond Scifres	31	Feb. 7, 1968	12	268	447	470	437	1,310	1,050	2.7	294	4,070	2,510	28.9	5,350	7.8	4.1
23-603	A. Darwin Hill	35	Feb. 22, 1967	34	96	18	158	357	132	138	.6	25	780	315	52.1	1,200	7.6	3.9
606	A. Darwin Hill et al.	37	do	44	192	60	490	360	240	910	1.6	11	2,130	730	59.5	3,540	7.4	7.9
608	Oveel F. Hill	35	May 12, 1967	7	197	57	484	359	269	870	2.4	.4	2,070	720	59.2	3,460	7.4	7.9
609	Hill W. Ahlley	41	Feb. 23, 1967	41	262	42	135	289	227	458	.4	22	1,330	830	26.1	2,200	7.2	2.0
612	Oveel F. Hill	32	do	38	117	38	204	399	334	144	1.8	25	1,100	448	49.7	1,640	7.6	4.2
902	A. Darwin Hill	80	do	38	187	30	127	303	176	310	.6	14	1,030	590	31.9	1,710	7.4	2.3
903	A. Darwin Hill and H. W. Hill	88	Feb. 22, 1967	35	128	33	210	299	302	234	1.3	40	1,130	455	50.4	1,760	7.4	4.3
24-102	H. E. Downey	52	do	38	102	33	177	416	220	132	1.8	39	950	392	49.6	1,450	7.6	3.9
202	Mrs. Z. Edgar Boaz	100	Jan. 25, 1968	30	106	33	91	600	48	42	1.8	<	650	403	32.9	1,035	7.5	2.0
303	J. M. Arnett	25	Oct. 18, 1967	30	510	104	259	477	202	1,190	.4	<	2,530	1,710	24.8	4,220	7.5	2.7
304	do	30	Feb. 9, 1967	27	229	163	280	445	348	790	1.0	17	2,070	1,240	32.9	3,310	7.5	3.5
307	L. D. Crumpler	74	do	15	329	133	158	153	1,110	304	1.0	<	2,130	1,370	20.1	2,650	7.0	1.9
310	E. O. White	90	Nov. 14, 1967	31	102	31	160	415	160	135	1.2	76	900	383	47.6	1,360	7.5	3.6
311	do	72	Oct. 17, 1967	12	31	20	78	245	57	48	.9	2.5	370	159	51.7	630	8.0	2.7
312	J. C. Ralmonster et al.	100	do	27	108	35	90	383	83	136	.9	23	690	415	32.2	1,155	7.7	1.9
403	Jim S. Richards	50	Nov. 13, 1967	39	204	60	329	500	314	359	.8	320	1,870	760	48.6	2,650	7.2	5.2
505	Mrs. Lela Boaz	60	Oct. 17, 1967	80	77	43	68	475	63	36	1.7	12	620	369	28.6	906	7.6	1.5
506	do	26	Mar. 7, 1967	28	68	41	179	410	215	117	1.2	20	870	341	53.4	1,490	7.7	4.2
510	Mrs. Z. Edgar Boaz	8	do	29	91	39	142	421	166	125	.9	17	820	390	44.2	1,270	7.6	3.1
511	do	57	Oct. 18, 1967	39	122	41	113	590	119	80	1.5	<	810	476	34.0	1,210	7.6	2.3
601	John Propp	69	do	20	101	30	56	193	203	58	.5	70	630	376	24.5	961	7.7	1.3
606	L. E. C. Boyd et al.	59	Nov. 21, 1967	21	77	30	78	389	67	65	.6	18	550	316	34.8	885	7.4	1.9
903	John Propp	71	Nov. 22, 1967	5	86	64	150	134	215	301	.8	60	940	479	40.4	1,630	7.2	3.0
907	R. L. Stevenson	49	do	17	177	71	125	237	457	240	1.2	31.5	1,240	730	27.1	1,880	7.7	2.0
908	L. E. C. Boyd et al.	337	Nov. 24, 1967	18	154	61	153	405	444	128	.4	13.5	1,170	640	34.4	1,690	7.4	2.7
909	Jones County	seep	Jan. 16, 1968	15	2,440	680	550	340	1,350	6,100	.9	4	11,300	8,900	11.9	12,000	7.1	2.5
32-103	Henry Ueckert	200	Dec. 21, 1967	21	101	38	95	357	103	128	.5	43	710	408	33.7	1,000	7.5	2.1

See footnotes at end of table.

Seymour Formation - Continued

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (%)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NETRANITRATE (NO ₃)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
29-32-211	Henry Heckert	57	Dec. 21, 1967	20	90	40	75	371	72	82	0.6	77	660	389	29.4	1,150	7.5	1.6
305	Hoke Probst	--	Nov. 24, 1967	27	135	54	120	349	138	204	3.0	140	990	560	31.9	1,550	7.9	2.2
309	Mrs. Margaret Goode	80	Dec. 12, 1968	16	1,050	497	720	215	271	4,060	.8	110.0	6,830	4,670	25.0	9,750	6.9	4.6
30-01-501	Mrs. J. E. England	60	Mar. 14, 1944	--	--	--	--	135	1,850	558	--	--	--	--	--	--	--	--
502	B. R. Baise	60	Jan. 31, 1968	17	194	101	180	277	351	394	.8	210.0	1,580	900	30.3	2,350	7.6	2.6
505	E. D. Apperson	70	Feb. 5, 1968	18	438	192	339	278	530	890	.7	760	3,300	1,890	28.1	4,560	7.4	3.4
706	J. C. Riddle	40	Mar. 5, 1968	15	504	213	276	121	2,000	347	1.2	21.5	3,440	2,140	21.6	3,750	7.4	2.5
02-403	C. L. Ely	26	Jan. 31, 1968	27	204	75	356	384	263	590	1.8	210.0	1,920	820	48.5	2,900	7.4	5.4
404	V. F. Dornhey	23	Mar. 17, 1944	--	--	--	--	302	140 ^d	292	--	--	--	--	--	--	--	--
			Jan. 31, 1968	29	260	134	540	375	482	940	2.3	390.0	2,960	1,200	49.6	4,240	7.8	6.8
501	W. T. Goree, Jr.	20	June 20, 1967	20	228	301	650	377	810	620	4.5	1,490	4,310	1,810	44.3	5,400	7.4	6.7
601	P. P. Davenport	35	Mar. 20, 1944	--	--	--	--	659 ^d	605 ^d	258	--	--	--	--	--	--	--	--
602	Davenport estate	24	Mar. 5, 1968	21	182	223	736	336	680	1,290	1.3	147	3,440	1,370	53.5	5,020	7.4	8.6
603	T. A. Halbert	24	Feb. 27, 1968	24	116	86	312	630	302	331	2.2	17	1,500	640	51.4	2,310	7.6	5.3
604	J. C. Kainer	60	do	18	38	88	126	410	66	106	3.8	221	870	460	37.4	1,350	8.1	2.6
607	Davenport estate	32	Mar. 5, 1968	18	381	275	1,260	389	1,050	2,210	2.1	357	5,760	2,080	56.8	7,660	7.6	12.0
609	do	85	do	12	224	383	1,040	464	1,020	1,650	5.0	630	5,200	2,130	51.4	7,100	8.0	9.8
704	W. W. Mayfield	31	June 16, 1967	22	129	50	163	387	252	211	1.1	11	1,030	530	40.2	1,600	7.6	3.1
710	W. W. Young	22	June 20, 1967	21	114	119	476	338	510	660	3.5	80	2,150	770	57.3	3,290	7.5	7.5
802	R. L. Thane	11	May 16, 1967	25	167	93	451	303	510	600	2.1	192	2,190	800	55.1	3,250	7.8	6.9
803	W. T. Goree	18	June 16, 1967	8	87	59	301	96	680	195	.7	25	1,400	460	58.7	2,050	7.2	6.1
804	Wilson Goree	18	July 8, 1953	32	92	103	203	352	265	310	2.6	106	1,290	653	40	2,140	7.8	--
			June 16, 1967	28	45	64	170	371	189	105	3.5	125	910	375	49.7	1,370	7.9	3.8
808	Joe Benton	16	Mar. 20, 1944	--	--	--	--	398	160 ^d	755	--	--	--	--	--	--	--	--
901	Wylie W. Cox	19	Apr. 6, 1967	18	72	220	850	475	560	1,090	6.0	560	3,610	1,080	62.8	5,340	7.8	11.3
902	do	17	do	20	44	110	461	439	427	476	7.0	130	1,890	560	64.0	2,990	7.3	8.5
904	W. B. Whitley	80	June 21, 1967	22	160	94	481	321	407	710	1.3	140	2,170	790	57.0	3,400	7.6	7.5
907	Alvin Hinze	62	July 24, 1967	55	680	306	1,400	204	1,520	2,980	1.9	55	7,100	2,960	50.8	9,700	7.3	11.2
03-402	Davenport estate	90	Mar. 5, 1968	18	32	29	466	466	49	520	.7	52	1,400	200	83.5	2,350	8.0	15.6
501	J. M. Swenson	18	June 9, 1967	17	38	61	510	530	279	394	9.8	220	1,790	345	76.3	2,690	8.3	11.9
502	John E. Nequist	21	do	31	200	29	91	850	18	143	.9	<	970	620	26.2	1,660	7.3	1.6
503	H. E. Olson	19	June 12, 1967	22	168	141	530	342	464	810	3.0	290	2,600	1,000	53.4	3,900	8.2	7.2

Seymour Formation -- Continued

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NET TREATS (NO ₃)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)	
Seymour Formation -- Continued																			
30-03-504	H. E. Olson	28	June 12, 1967	25	249	237	870	448	910	1,450	2.4	310	4,290	1,680	52.8	6,000	7.6	9.3	
506	Fred Buerger	25	Feb. 12, 1968	11	80	147	880	570	1,130	600	6.2	315	3,450	810	70.3	4,500	7.8	13.5	
507	Mrs. Lenore Jackson	101	July 29, 1953 Feb. 12, 1968	20 20	38 60	36 38	353.3 299	444 414	235 213	240 252	.8 .8	95 35	1,240 1,120	243 307	76 67.9	2,050 1,825	7.9 7.8	7.4	
601	B. W. Thane	17	do	22	106	142	270	342	481	378	4.1	147	1,720	850	40.9	2,550	7.7	4.0	
602	Norris Russell	20	May 31, 1967	24	239	135	456	590	620	690	1.5	<	2,450	1,150	46.2	3,710	7.6	5.9	
603	C. H. Peterson	24	Mar. 20, 1964 May 31, 1967	-- 18	224	202	770	342 ^g 332	541 890	760 1,190	-- 2.5	182	-- 3,640	-- 1,390	-- 50.4	-- 5,350	-- 7.3	-- 10.8	
604	do	30	do	18	440	413	1,310	371	1,360	2,700	1.6	78	6,500	2,800	54.6	9,040	7.4	7.5	
605	Malvin Rosenquist	29	do	18	187	107	570	361	700	670	3.1	204	2,640	910	57.6	3,800	7.3	8.5	
607	Walter L. Buerger	29	Feb. 12, 1968	17	102	95	429	560	510	382	1.6	33.0	1,850	650	59.0	2,680	8.2	7.3	
803	Mrs. A. B. Shelton	23	June 2, 1967	22	114	129	395	410	482	495	2.7	115	1,960	820	51.3	2,970	7.8	6.0	
806	Mrs. Carl Ekdhall	24	May 31, 1967	15	124	119	680	331	461	990	4.0	140	2,700	800	64.7	4,230	7.5	10.4	
808	L. W. Larson	28	June 9, 1967	20	198	210	560	494	690	910	1.9	290	3,120	1,360	47.4	4,580	7.4	6.6	
809	Edgar Shuquist	18	do	20	126	100	770	510	710	800	2.4	39	2,420	730	69.6	4,230	7.5	12.3	
30-10-102	Lassette estate	25	May 17, 1967	13	630	262	1,090	237	1,010	2,500	1.1	100	5,700	2,650	46.9	8,520	7.3	9.1	
104	Mrs. Myrtle Cox	25	do	13	136	128	610	350	580	710	2.7	385	2,740	870	60.7	4,000	8.1	9.1	
108	E. A. Lovvorn	65	June 16, 1967	9	210	106	590	209	780	850	1.5	77	2,730	960	57.2	4,100	7.7	8.3	
205	Morris Bean	70	May 29, 1967	17	114	77	610	359	472	780	1.6	82	2,330	600	69.0	3,740	7.6	10.9	
301	R. L. Thane	20	July 8, 1953 May 16, 1967	29 21	340 150	238 184	365 590	527 540	889 1,050	510 560	1.4 1.6	52 65	2,480 2,890	1,330 1,130	37 53.2	3,590 4,200	8.1 7.5	-- 7.7	
303	C. L. Beardon	15	do	2	--	--	530	116	690	181	1.8	120	1,680	20	98.3	2,670	11.0	5.2	
304	R. L. Thane	17	do	24	125	166	540	520	900	520	1.5	37	2,570	1,000	54.0	3,750	7.5	7.4	
410	J. R. King	10	May 9, 1967	21	183	25	34	487	25	121	.3	22.0	670	560	3.1	1,132	7.4	.2	
411	do	20	do	42	138	24	41	500	<	15	.4	100	610	445	8.2	890	7.4	.4	
412	do	16	do	20	307	228	730	690	950	1,200	1.8	5.0	3,780	1,710	48.2	5,440	7.6	7.7	
502	Mrs. Georgia Thornton	65	Apr. 6, 1967	8	23	44	820	1,440	176	475	3.8	22	2,280	240	88.2	3,650	7.6	23.1	
503	Mrs. Mel S. Barkley	24	May 16, 1967	28	201	224	630	386	880	1,030	2.5	168	3,350	1,420	49.2	4,836	7.6	7.3	
504	J. T. Casady, Jr.	25	do	25	162	157	392	730	204	770	1.0	11.0	2,080	1,050	44.8	3,540	7.9	5.3	
507	Mrs. A. L. McKeever	22	May 30, 1967	27	88	203	481	422	700	670	3.4	130	2,510	1,060	49.8	3,640	7.4	6.4	
508	do	18	do	21	77	164	640	458	600	760	3.7	220	2,710	870	61.7	4,100	7.6	9.4	
719	Vernon Spraberry	seep	Apr. 6, 1967	8	135	179	680	453	720	1,030	2.2	23.0	3,000	1,070	57.9	4,500	7.5	9.0	
720	do	seep	do	7	95	53	365	730	218	284	.4	<	1,380	456	63.5	2,200	8.0	7.4	

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (%)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NETRATE (NO ₃)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)	
Seymour Formation -- Continued																			
30-10-901	L. D. Arlin	27	Mar. 22, 1967	34	86	33	110	321	114	100	3.3	98	740	353	40.4	1,110	7.6	2.6	
802	J. V. Griffith	32	do	17	102	42	114	275	89	204	2.2	93	800	426	36.8	1,350	7.6	2.4	
804	Stanford Cotton and Oil Company	70	do	24	102	33	159	329	122	168	2.6	110	880	391	46.8	1,400	7.9	3.5	
805	do	25	do	27	112	35	178	322	118	234	2.3	115	980	427	47.6	1,590	8.2	3.8	
807	A. A. McDiff	seep	do	24	62	25	104	165	94	115	2.6	93	600	258	46.8	965	7.6	2.8	
808	Luke Finley	50	Apr. 3, 1967	33	137	61	239	417	220	360	3.6	36.0	1,300	590	46.8	2,140	8.2	4.3	
810	do	50?	do	1	26	111	650	98	499	960	2.4	6.0	2,300	520	72.9	3,860	7.1	12.5	
814	Gene Pittard et al.	42	Apr. 4, 1967	29	106	103	197	520	189	309	.6	71	1,260	690	38.5	2,150	7.5	3.3	
818	Alma McIlwain	46	do	20	89	58	277	436	201	277	3.0	140	1,280	462	56.6	2,020	7.9	5.6	
820	do	40	do	28	87	23	148	332	101	129	1.8	55	740	312	50.8	1,240	8.4	3.6	
822	Hassel Spraberry	58	Apr. 21, 1967	16	12	10	335	434	140	181	.7	27	940	70	91.2	1,500	8.0	17.4	
823	do	58	do	14	8	19	324	412	146	193	.7	20	930	97	87.9	1,550	8.0	14.3	
825	Tom S. Brand	21	May 18, 1967	28	105	24	85	356	70	66	.7	115	670	361	33.9	1,009	7.5	2.0	
826	M. E. Carothers	30	May 30, 1967	26	261	288	720	550	790	1,420	1.6	74	3,850	1,860	46.0	5,850	7.5	7.3	
901	A. A. McDiff	25	Mar. 22, 1967	30	90	35	177	395	143	165	3.2	73	910	368	51.1	1,500	7.8	4.0	
11-501	State of Texas	seep	Aug. 1, 1966	--	--	--	--	--	--	2,000	--	--	--	--	--	--	--	--	
			Jan. 3, 1967	--	--	--	--	--	--	820	--	--	--	--	--	--	--	--	
			Feb. 20, 1967	--	--	--	--	--	--	590	--	--	--	--	--	--	--	--	
			Apr. 5, 1967	21	69	146	520	410	580	590	3.6	193	2,330	780	59.2	3,500	7.5	8.1	
901	G. W. Hart	30	Jan. 25, 1967	31	99	88	250	610	493	129	1.6	3.0	1,400	610	47.2	1,950	7.8	4.4	
12-703	do	12	Feb. 16, 1967	1	202	129	500	361	960	590	.8	<	2,560	1,040	51.3	3,590	7.6	6.8	
704	do	spring	do	1	37	43	128	429	97	78	.9	1.5	600	267	51.0	1,019	7.7	3.4	
17-101	Earl Scott	32	July 9, 1953	38	90	16	13	298	20	12	1.8	40	442	290	9	710	8.1	.3	
102	E. O. White	49	Oct. 17, 1967	35	69	25	23	343	19	5	1.1	13	359	273	15.2	574	7.6	.6	
103	E. F. Scott	42	Oct. 19, 1967	40	78	13	43	334	23	10	2.1	37	410	249	27.6	628	7.5	1.2	
104	do	43	do	26	82	16	49	382	27	17	1.1	13	419	272	28.3	685	7.6	1.3	
107	do	95	Oct. 20, 1953	32	76	35	161	465	140	85	.8	44	803	334	51	1,260	8.0	--	
			Oct. 19, 1967	25	82	34	175	460	123	91	.9	128	890	346	52.3	1,310	7.7	4.1	
110	Hoke Propat	54	Nov. 14, 1967	20	85	34	60	310	61	91	.7	60	560	353	27.0	931	7.6	1.4	
212	Herman T. Steel	26	Jan. 3, 1968	21	69	23	52	365	35	10	.6	30	420	267	29.6	685	7.4	1.4	
301	Robert B. Rowland	31	Oct. 15, 1962	--	--	--	--	--	11ght	500	--	--	920	654	--	--	7.4	--	
307	W. L. Shirley estate	23	Feb. 7, 1967	37	307	162	540	340	438	1,380	1.8	17.0	3,050	1,430	45.4	4,750	7.3	6.3	
311	Gene Scott	50	do	37	254	64	263	394	367	540	.6	52	1,770	900	38.9	2,770	7.3	3.8	

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO ₃)	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICRO-MHOS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
30-17-319	Arden Beasley	47	Mar. 10, 1967	30	117	21	166	355	160	190	0.6	43	900	381	48.6	1,500	7.3	3.7
321	Jesse H. Adcock	30	Aug. 25, 1967	33	256	59	218	326	291	540	.7	40	1,600	880	34.9	2,520	7.2	3.2
323	Giff Barnett	45	Sept. 25, 1967	5	21	11	136	264	71	71	1.0	7.5	455	99	74.2	774	7.8	5.7
325	Charlie Herndon	80	Oct. 10, 1967	31	310	54	375	307	469	730	.6	29	2,150	1,000	44.9	3,390	7.4	5.2
326	do	48?	do	20	173	48	250	310	283	415	.7	29	1,370	630	46.3	2,210	7.4	4.3
330	Joe V. Boyd	14	Nov. 6, 1967	19	82	37	65	444	31	38	1.0	14	485	357	21.5	820	7.7	1.1
337	Junior Meek	30	Jan. 3, 1968	18	262	68	273	248	283	690	.7	22	1,730	930	38.2	2,850	7.4	3.8
403	D. G. Mitchell	72	Oct. 19, 1967	19	540	300	293	222	494	1,750	1.0	30	3,540	2,550	19.6	5,600	7.3	2.5
407	Ben Heidecken, Jr.	70	Oct. 18, 1967	13	640	353	373	176	178	2,520	.9	10.5	4,180	3,050	21.0	7,000	7.2	2.9
408	D. G. Mitchell	35	Oct. 19, 1967	20	202	106	213	326	415	318	1.9	286	1,720	940	33.0	2,490	7.4	3.0
413	A. R. Berry	80	Nov. 21, 1967	18	232	71	107	190	520	277	.7	14	1,330	870	21.0	1,950	7.8	1.6
511	L. G. Vaaser	74	Oct. 13, 1967	19	73	34	104	238	146	132	.7	24	650	324	41.1	1,071	7.6	2.5
512	T. R. Busby	40	June 17, 1953	19	128	51	153	270	451	90	1.4	51	1,080	529	39	1,570	7.4	--
			Oct. 19, 1967	10	59	20	52	153	407	45	.7	19	407	230	32.7	680	7.2	1.5
602	Ben D. Elliott	40	Jan. 24, 1967	27	205	67	160	448	181	408	.5	17	1,290	790	30.6	2,100	7.6	2.5
603	do	54	Oct. 20, 1953	32	66	36	90	375	63	81	.6	24	577	312	38	937	8.3	--
			Jan. 24, 1967	30	84	25	72	428	34	24	.9	32	530	314	33.3	853	7.5	1.8
604	Ben White	80	July 6, 1967	28	320	127	201	520	132	860	.7	<	1,930	1,220	24.8	3,390	7.2	2.4
605	Pete Lollar	70	July 31, 1953	30	296	109	242.1	329	245	842	.3	16	1,940	190	30	3,470	7.5	--
			Nov. 13, 1967	28	290	91	247	365	288	750	.5	15	1,890	1,100	32.8	3,090	7.4	3.2
607	Burl Burleson	40	Oct. 20, 1953	47	132	28	155	626	124	120	.6	23	971	494	41	1,510	7.2	--
611	J. R. Castleberry	90	Oct. 10, 1967	6	289	127	235	162	65	1,110	.2	<	1,910	1,240	29.1	3,520	6.7	2.9
612	J. H. Carter	90	Oct. 11, 1967	39	194	64	136	570	114	335	.5	6.0	1,170	750	28.3	1,960	7.4	2.2
615	Jake Hollis	54	do	28	74	30	97	365	78	77	.7	40	600	308	40.7	974	7.6	2.4
617	Jim Mania	39	Oct. 13, 1967	30	156	59	166	371	229	264	.9	110	1,200	630	36.2	1,860	7.5	2.9
619	A. J. Smith, Jr.	78?	Oct. 16, 1967	<	59	37	152	41	121	333	.8	<	720	301	52.3	1,360	7.0	3.8
621	do	51	June 26, 1953	32	139	59	167	332	232	212	1.4	108	1,090	590	35	1,740	7.3	--
			Oct. 16, 1967	33	138	56	158	409	331	163	1.8	57	1,120	570	37.3	1,650	7.5	2.9
623	E. P. Morren	57	Nov. 13, 1967	39	166	45	138	730	126	100	.3	<	950	550	35.2	1,500	7.2	2.6
701	Herman A. Reeves	65	Oct. 30, 1963	--	128	54	101	432	350	60	--	--	836	--	27.8	--	8.3	1.8
			Feb. 27, 1967	25	110	41	64	271	85	119	1.0	130	710	445	23.9	1,140	7.5	1.3
709	A. F. Roberts, Jr.	34	Nov. 24, 1967	16	115	39	108	284	129	203	1.1	14	770	447	33.8	1,340	7.4	2.2
713	Tinah H. Bumpass	41	Jan. 3, 1968	7	46	21	82	254	30	92	.5	4.0	408	202	47.2	737	7.3	2.5
801	Alton McCain	39	Mar. 17, 1967	27	169	73	175	412	111	466	.8	9	1,230	720	34.5	2,260	7.5	2.8

Seymour Formation -- Continued

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (FE)	DATE OF COLLECTION	SILICA (SILO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NET TREATMENT (NO ₃)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	PH	SODIUM ADSORPTION RATIO (SAR)	
Seymour Formation -- Continued																			
30-17-802	A. J. Teal	31	Mar. 7, 1967	26	178	87	185	397	288	396	0.8	24	1,380	800	33.4	2,210	7.4	2.8	
			Mar. 29, 1968	29	186	96	191	416	274	444	.6	25.0	1,450	860	32.1	2,330	7.5	2.8	
808	J. H. Grogan	65	Mar. 7, 1967	20	237	85	147	142	780	259	.8	4.2	1,600	940	25.3	2,250	7.5	2.1	
809	do	34	do	25	121	81	254	356	473	247	.9	57	1,430	640	46.4	2,240	7.4	4.4	
812	Alton McCain	30	Mar. 17, 1967	21	180	93	271	351	520	367	.8	63	1,690	840	61.4	2,510	7.4	4.1	
813	do	22	do	27	167	69	161	475	89	366	.7	13	1,110	650	35.0	1,990	7.3	2.8	
818	T. R. Bueby	28	Oct. 19, 1967	16	127	60	181	310	326	202	1.5	60	1,130	560	61.1	1,525	7.7	3.3	
819	A. F. Roberts, Jr.	34	Nov. 26, 1967	25	97	44	159	316	125	236	1.9	70	910	424	44.9	1,520	7.3	3.4	
823	Rex A. Smith	33	do	24	371	140	250	275	120	1,140	.6	78	2,260	1,500	26.6	3,870	7.2	2.8	
836	M. F. Bumpass	spring	Jan. 4, 1968	18	284	39	164	409	71	570	<.1	.4	1,350	870	29.0	2,350	7.3	2.4	
902	W. Hollis estate	69	Jan. 25, 1967	25	76	32	153	393	154	109	.5	44.0	790	323	50.7	1,200	7.4	3.7	
903	Tripllett estate	70	do	21	47	18	96	360	60	33	.5	.4	453	191	52.2	729	7.6	3.0	
18-101	J. H. Tankersley	72	Jan. 23, 1967	16	56	66	83	354	100	111	2.0	36	640	411	30.5	1,079	7.6	1.8	
105	Buford M. Spraberry	85	Mar. 22, 1967	16	102	85	367	426	383	447	.8	79	1,690	610	56.8	2,630	7.9	6.5	
106	J. E. Nix	40	June 9, 1967	33	61	34	156	449	115	97	1.6	5.0	720	295	53.5	1,120	7.6	4.0	
110	Mrs. C. S. Owen	50	July 6, 1967	53	348	87	324	590	399	710	.6	5.9	2,220	1,230	36.4	3,490	7.4	4.0	
111	W. Tom Kasinger	40	June 18, 1953	46	152	51	242	387	340	288	1.0	60	1,370	588	47	2,180	7.8	--	
			Nov. 10, 1967	38	166	54	276	450	235	403	.8	112	1,510	640	49.0	2,340	7.5	4.8	
112	Mrs. Mary June Dixon	62	June 18, 1953	52	376	134	245	244	346	970	1.2	84	2,320	1,450	37	3,900	7.6	--	
			Nov. 10, 1967	29	273	92	223	249	297	700	1.7	84	1,820	1,060	31.3	2,950	7.4	3.0	
204	J. L. Roberts estate	53	Jan. 23, 1967	30	92	45	135	405	156	142	1.8	30	830	417	61.4	1,310	7.6	2.9	
206	do	60	do	34	134	46	141	381	163	208	.8	48	960	520	36.9	1,560	7.5	2.7	
			July 31, 1968	36	146	47	153	371	172	248	.8	65.0	1,050	560	37.2	1,700	7.4	2.8	
207	Preston Spray	51	Feb. 10, 1967	35	80	43	69	359	70	105	2.1	17	600	379	28.2	989	7.4	1.5	
213	Jack Emerson	47	Apr. --, 1964	--	140	93	220	512	168	405	--	--	1,359	--	38.3	--	7.4	3.4	
214	J. L. Roberts estate	53	Jan. 23, 1967	37	192	45	189	381	191	357	.6	53	1,250	670	38.2	2,000	7.4	3.2	
215	do	46	do	38	182	46	160	405	156	288	1.0	87	1,160	650	34.9	1,890	7.4	2.7	
216	Mrs. J. J. Roberts	65	do	28	294	103	267	255	229	890	1.2	88	2,030	1,160	33.3	3,300	7.5	3.4	
218	do	45	do	31	114	54	180	481	150	230	1.3	32	1,030	510	43.6	1,670	7.5	3.5	
219	Lawrence Emerson	45	do	16	75	87	122	393	52	322	.8	.4	870	550	32.7	1,600	7.5	2.3	
220	do	52	Feb. 7, 1967	29	54	25	65	317	72	24	1.6	13	440	240	37.1	705	7.8	1.8	
221	J. Lewis Carnon	55	Feb. 2, 1967	29	76	41	57	361	70	68	1.4	33	550	361	25.4	900	7.6	1.3	
222	do	55	do	33	88	49	145	406	132	165	1.6	43	880	420	42.9	1,450	7.6	3.1	
223	Burl Walker	35	Nov. 10, 1967	28	128	27	114	320	110	150	1.7	168	860	433	36.4	1,320	7.5	2.4	

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (FEET)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO ₃)	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMOS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)	
Seymour Formation -- Continued																			
30-18-224	J. Lewis Carmon	42	Feb. 2, 1967	34	97	46	249	383	295	216	1.0	53	1,180	434	55.6	1,850	7.6	5.2	
225	Mrs. Mollie Roberts	65	June 19, 1953	31	74	28	123	318	65	110	1.6	98	687	300	47	1,120	7.7	--	
58	do	58	Nov. 10, 1967	30	94	31	117	342	91	102	1.9	155	790	365	41.2	1,170	7.4	2.7	
227	Edward J. Cooley	51	Feb. 7, 1967	20	78	46	128	367	145	138	1.6	19.0	760	384	42.0	1,300	7.4	3.0	
228	do	54	do	33	87	47	119	394	139	129	1.9	35	790	414	38.5	1,330	7.5	2.5	
229	do	45	do	12	59	17	13	288	8	22	.4	<	273	217	11.3	515	7.3	.4	
230	Beuford Hinds	33	Feb. 7, 1967	41	146	40	202	600	143	173	.7	90	1,130	530	45.4	1,730	7.2	3.8	
231	Preston Spray	48	Feb. 10, 1967	37	66	25	43	360	28	16	1.1	11	404	267	25.7	664	7.4	1.1	
232	do	35	do	38	81	33	41	405	33	24	1.0	43	493	337	20.9	776	7.3	1.0	
235	R. S. Spraberry	29	Mar. 22, 1967	26	64	40	156	403	89	107	.6	98	780	325	51.1	1,210	7.5	3.8	
237	Mrs. J. J. Roberts	28	Mar. 21, 1967	18	398	115	660	224	710	1,420	.8	24	3,460	1,470	49.7	5,250	7.5	7.5	
238	R. G. Rowell	30	Mar. 22, 1967	30	90	35	152	307	164	127	4.2	115	870	370	47.3	1,400	7.6	3.5	
239	J. H. Martin	21	Apr. 4, 1967	20	47	33	184	327	97	177	.7	52	780	254	61.2	1,290	8.4	5.0	
241	W. D. Baker	43	Apr. 20, 1967	22	87	41	148	366	108	143	.7	140	870	389	45.3	1,340	7.6	3.3	
243	Mrs. Mollie Roberts	50	Nov. 10, 1967	25	63	30	117	329	73	97	1.1	96	660	280	47.6	1,039	7.8	3.1	
246	Mrs. A. L. McKeever	41	May 30, 1967	30	412	119	500	331	560	1,120	1.0	204	3,110	1,520	42.2	4,750	7.2	5.6	
302	James Martin et al.	68	Aug. 28, 1967	17	122	66	229	366	106	457	.5	18	1,200	580	46.3	2,110	7.2	4.1	
303	do	73	do	36	206	72	181	550	174	382	.5	20	1,340	810	30.9	2,210	7.3	2.6	
307	J. L. Roberts estate	22	Feb. 8, 1967	16	46	11	7	195	4	7	.6	3.0	191	160	8.3	335	7.3	.2	
308	do	50	Jan. 23, 1967	30	232	57	250	299	268	560	.7	53	1,580	810	40.1	2,540	7.3	3.8	
309	do	30	Mar. 21, 1967	--	119	85	366	800	113	473	3.4	<	1,550	650	55.2	2,700	8.1	6.3	
310	do	spring	Jan. 23, 1967	3	510	80	1,220	377	900	2,240	.6	<	3,140	1,590	62.4	7,280	7.6	13.3	
311	do	spring	do	11	133	84	780	468	570	980	4.2	<	2,790	680	71.6	4,250	7.7	13.1	
313	Preston Spray	50	Feb. 10, 1967	12	48	17	24	192	29	44	.6	2.8	272	191	21.2	489	7.3	.8	
314	H. L. Baldwin	63	Mar. 6, 1967	37	248	123	262	344	236	840	.8	25	1,940	1,130	33.5	3,260	7.5	3.4	
315	D. A. Baldwin	90	do	38	200	82	225	365	256	550	.7	34	1,570	840	36.9	2,550	7.3	3.4	
316	Mrs. J. J. Roberts	seep	Mar. 21, 1967	< 1	2,260	520	5,500	350	2,120	12,400	1.0	210	23,200	7,800	60.5	> 12,000	7.1	27.1	
317	do	22	do	7	76	27	124	471	15	263	.2	<	820	302	47.2	1,610	7.2	3.1	
318	do	seep	do	12	1,500	109	1,390	362	830	4,720	.7	<	8,900	4,200	45.1	> 12,000	7.1	10.7	
319	do	40	do	35	156	63	248	368	258	436	.9	45	1,420	650	45.3	2,400	7.5	4.2	
320	do	39	do	--	109	73	256	2,200	<	520	1.1	<	2,600	580	58.6	5,290	7.9	4.6	
321	A. T. Halbert	71	Apr. 3, 1967	16	155	96	253	560	87	580	.3	2.0	1,460	780	41.3	2,550	7.5	3.9	

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FIBROUS (F)	NI-TRATE (NO ₃)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
30-18-322	A. T. Halbert	65	Apr. 3, 1967	29	90	68	160	477	264	144	3-5	5-0	1,000	500	40-9	1,600	7.3	3-1
323	do	spring	do	17	32	29	476	384	203	510	1-7	2-0	1,460	200	81-8	2,550	7.1	14-6
325	U. H. Mitchell	63	Aug. 21, 1967	44	242	70	203	540	269	425	.7	28-5	1,550	890	33-1	2,440	7.4	3-0
328	Herbert L. Johnson et al.	54	Aug. 25, 1967	30	96	22	127	428	96	123	.5	<	710	330	45-5	1,110	7.7	3-0
330	do	50	do	40	182	43	170	510	165	265	.7	26-0	1,140	630	37-0	1,850	7.5	2-9
331	Reuben Beasley	64	Aug. 24, 1967	34	188	38	199	520	180	307	.5	29-5	1,230	630	40-9	1,960	7.3	3-5
332	do	42	do	26	124	18	74	530	55	45	.5	3-0	610	383	29-7	975	7-6	1-7
334	Mitchel Flache	60	Dec. 20, 1967	36	103	155	223	590	188	476	.6	11	1,480	900	33-8	2,460	7.1	3-1
401	M. M. Lawlers	69	8/June 22, 1953	42	160	25	109	552	80	100	.6	8-2	776	432	34	1,280	7.1	2-2
402	Harry C. Faglie	85	Oct. 11, 1963	30	101	23	84	510	50	44	.2	<	580	346	34-6	941	7-6	2-0
403	R. A. Carnon, Sr.	73	Jan. 18, 1967	33	289	46	124	530	147	432	.3	13-0	1,350	910	22-8	2,200	7-0	1-8
405	Y. G. Walker	67	July 6, 1967	17	112	46	192	266	59	460	.7	<	1,000	468	47-2	1,870	7-7	3-9
409	do	74	July 7, 1967	47	220	45	128	560	82	343	.3	4-0	1,140	740	27-4	1,940	7-4	2-0
411	W. L. Grifson	67	do	40	256	53	128	660	119	319	.3	4-0	1,250	860	24-5	2,050	7-7	1-9
413	do	70	do	49	221	31	111	550	94	271	.3	<	1,050	680	26-3	1,750	7-4	1-9
414	Wayne Austin	58	do	44	292	44	129	590	130	425	.3	5-0	1,360	910	23-6	2,250	7-4	1-9
415	J. F. Goodbin	80	do	42	104	87	91	395	77	282	.3	2-0	900	620	24-2	1,600	7-6	1-6
417	Henry Graham	80	do	46	232	72	174	306	160	590	.4	9	1,430	870	30-2	2,450	7-3	2-6
418	D. S. Taylor	60	do	44	170	33	150	494	102	268	.3	11-5	1,020	560	37-0	1,710	7-3	2-8
424	James E. Robinson et al.	68	do	31	216	35	128	540	89	301	.3	7-5	1,070	680	29-0	1,830	7-8	2-1
501	B. M. Pifer	82	Mar. 29, 1968	17	2,600	259	4,433	62	415	11,330	.6	<	18,900	7,600	54-4	12,000	6-6	20-9
502	do	78	Jan. 20, 1967	39	247	38	150	570	133	350	.3	9-0	1,250	770	29-7	2,000	7-3	2-4
504	W. Hollis estate	83	do	40	280	46	160	580	145	450	.3	12-0	1,400	890	28-2	2,260	7-0	2-3
506	Clarence E. Tucker	64	Jan. 25, 1967	13	71	40	280	510	25	360	<	<	1,040	341	64-1	2,050	7-3	6-6
507	do	58	Feb. 8, 1967	43	72	19	152	620	43	25	.8	15	680	261	55-8	1,050	7-4	4-1
508	J. L. Beasley	65	do	2	25	3	1	93	<	2	<	<	78	76	1-3	159	7-3	<0
509	B. M. Pifer	80	Feb. 16, 1967	30	249	31	129	412	114	417	.2	7	1,180	750	27-2	2,220	7-2	2-0
510	Freeman Spray	60	May 19, 1967	40	296	50	196	590	132	500	.2	15	1,540	940	31-1	2,540	7-1	2-8
512	R. R. Weststone	87	Feb. 10, 1967	39	73	17	74	344	40	35	.9	58	510	253	39-0	786	7-4	2-0
514	B. M. Pifer	87	July 17, 1967	46	226	36	169	670	137	278	.3	11	1,230	720	33-9	1,980	7-2	2-7
515	Jack Leonard	82	Aug. 4, 1967	47	298	43	173	540	154	456	.3	16	1,450	920	29-0	2,320	7-3	2-5
			Aug. 6, 1967	44	242	42	174	443	135	479	.3	13	1,350	780	32-7	2,240	7-4	2-7

Seymour Formation -- Continued

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (%)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO ₃)	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
Seymour Formation -- Continued																		
30-18-516	Jack Leonard	53	Aug. 9, 1967	48	310	43	195	560	132	530	0.3	20	1,550	950	30.8	2,520	7.1	2.8
517	Russ Peoples	83	Aug. 29, 1967	34	228	33	134	590	113	239	.2	18.5	1,110	700	25.2	1,810	7.2	2.2
518	do	92	do	31	258	39	142	510	165	388	.3	10.5	1,260	810	27.7	2,090	7.2	2.2
519	Hollis Henderson	82	Aug. 24, 1967	42	246	61	166	610	127	417	.2	7.5	1,370	870	29.4	2,250	7.1	2.4
521	Otis White	68	Aug. 28, 1967	26	238	67	240	570	271	460	.5	19.5	1,600	870	37.5	2,520	7.1	3.6
522	Ab Hunter	59	Sept. 26, 1967	13	99	44	205	361	4	413	< .1	< .4	960	430	50.9	1,810	7.5	4.3
524	W. D. Minter et al.	69	do	--	52	20	52	204	4	137	.3	< .4	374	213	36.4	779	7.0	1.7
525	Ab Hunter	72	do	33	214	40	143	373	153	382	.2	7.5	1,160	700	30.6	1,950	7.0	2.3
532	Herbert L. Johnson et al.	54	Mar. 29, 1968	--	101	21	139	720	13	70	.5	< .4	700	338	45.7	1,190	8.0	3.2
601	Taylor Davis	78	July 18, 1967	34	305	57	181	530	219	500	.4	20.0	1,580	1,000	28.4	2,550	7.2	2.5
603	C. L. Varner	60	Aug. 21, 1967	37	125	41	147	409	34	220	.5	27	930	483	39.9	1,540	7.8	2.9
606	Dr. D. G. Porterfield	80	Aug. 29, 1967	39	190	65	201	510	206	381	.2	9.0	1,340	740	37.0	2,160	7.3	3.2
607	do	78	do	34	328	54	179	550	139	560	.2	13.0	1,580	1,040	27.2	2,610	7.3	2.4
610	Robert C. Henderson	78	Aug. 25, 1967	24	300	68	204	397	161	660	.3	11.5	1,620	1,030	29.2	2,750	7.3	2.7
612	E. L. Odell	73	Sept. 25, 1967	31	234	54	177	462	183	440	.3	11.5	1,360	810	31.4	2,250	7.4	2.6
617	Walsh and Watts, Incorporated	70	Nov. 3, 1967	12	244	53	164	550	168	413	.3	< .4	1,320	830	30.1	2,210	7.3	2.5
620	J. L. Beasley	70	do	34	222	45	137	456	136	379	.2	17	1,190	740	28.6	2,000	7.5	2.2
701	J. T. Smith	27	do	41	56	16	148	377	50	103	1.1	26	630	207	60.9	1,030	7.5	4.5
702	Dr. R. W. Varner	62	Jan. 18, 1967	27	258	45	190	467	170	495	.3	5.0	1,420	830	33.2	2,340	7.2	2.9
703	Hendricks and Hendricks	60	May 18, 1967	28	206	36	156	510	207	270	.3	20	1,170	670	33.7	1,900	7.1	2.6
705	Elmer Holland	27	Sept. 29, 1967	39	27	12	163	388	47	24	4.8	80	590	115	75.5	886	8.1	7.1
708	Gladys Morrison	45	do	38	115	22	181	427	52	239	.8	9.5	890	379	50.9	1,510	7.6	4.0
709	Lina K. Magner	37	do	35	77	14	171	570	71	60	.2	3.5	710	232	59.6	1,090	7.6	4.7
712	Milton L. Bryant	68	Mar. 29, 1968	29	142	30	109	493	108	141	.1	5.5	810	476	32.3	1,300	7.3	2.1
802	J. A. Thorn	23	Aug. 24, 1967	35	58	25	324	740	59	186	1.6	22.0	1,080	249	73.9	1,750	7.7	8.9
803	do	35	do	17	1,580	365	2,550	243	24	7,900	1.7	< .4	12,600	5,500	50.5	> 12,000	7.7	15.0
804	W. W. Hood	25	Aug. 25, 1967	36	172	46	419	810	204	496	1.4	9.5	1,730	620	59.6	2,740	7.4	7.3
806	Dr. D. G. Porterfield	62	Aug. 30, 1967	16	140	102	304	237	188	730	.3	11.5	1,610	770	46.2	2,810	7.7	4.8
808	Davis Brothers Oil Operators	53	Sept. 26, 1967	36	245	41	180	425	194	440	.2	20	1,370	780	33.3	2,250	7.4	2.8
809	Paul Griggs	24	Sept. 29, 1967	37	52	21	116	454	41	27	2.6	16	340	218	53.6	853	7.7	3.4
901	Minnie C. Jones	61	Mar. 16, 1967	39	110	27	144	690	57	43	.3	9.0	770	384	44.9	1,170	8.0	3.2

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FILTRATE (F)	NET-DRY RESIDUE (NDR)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
Seymour Formation -- Continued																		
30-19-002	Marvin Rutledge	57	Apr. 3, 1967	41	121	27	160	560	84	164	0.4	9.0	880	411	45.8	1,460	7.4	3.4
903	Dr. George Dawson	67	Aug. 9, 1967	32	152	24	147	540	86	168	.5	29	910	480	40.0	1,450	7.4	2.9
904	Tex Whitehead	55	Aug. 8, 1967	31	392	58	280	401	244	890	.4	22	2,110	1,220	33.3	3,420	7.1	3.5
905	Clyde Cooper	60	Aug. 22, 1967	31	58	7	121	477	24	8	.2	13.5	498	175	60.0	778	7.7	4.0
906	Ray Vaughn	65	do	33	312	58	233	456	168	670	.2	16	1,710	1,020	33.2	2,850	7.4	3.2
907	Mrs. T. E. Jordan	55	Aug. 25, 1967	44	151	18	122	610	74	83	.3	17.0	810	450	37.1	1,260	7.5	2.5
908	do	90	do	42	137	23	146	610	83	112	.2	9.5	850	438	42.0	1,370	7.3	3.0
19-101	A. T. Halbert	23	Apr. 3, 1967	41	88	24	169	414	108	156	1.0	20	810	322	53.4	1,350	7.6	4.1
102	Mrs. J. H. Doty	23	do	27	332	138	1,040	314	342	1,990	3.5	200	4,240	1,400	62.1	6,500	7.6	12.1
103	do	29	do	33	1,020	389	2,440	298	266	6,200	2.8	180	10,700	4,150	56.1	> 12,000	7.4	16.5
104	State of Texas	seep	do	32	341	92	212	206	36	1,050	1.2	<	1,870	1,230	27.2	3,360	7.1	2.6
107	A. M. Masters	25	Aug. 4, 1967	42	168	33	232	790	197	158	.8	15	1,230	560	47.5	1,850	7.4	4.3
108	Mitchel Flache	73	Dec. 20, 1967	38	244	150	181	560	273	570	.4	55	1,790	1,220	24.4	2,900	7.2	2.3
201	Ovillie Reynolds et al.	12	Aug. 7, 1967	33	67	17	69	394	20	28	.5	<	429	239	38.5	704	7.1	1.9
401	Roberts and King	46	July 6, 1953	30	144	34	176	576	109	215	1.0	2.0	994	500	43	1,680	7.3	3.4
			Aug. 29, 1967	42	400	112	296	530	258	1,000	.4	8.0	2,380	1,460	30.6	3,870	7.0	3.4
402	Walsh and Mattis Incorporated	60	June 18, 1953	47	146	27	181	545	130	200	.2	22	1,020	476	44	1,680	7.2	3.5
			Nov. 3, 1967	28	190	30	127	500	24	315	.3	5.5	970	600	31.5	1,750	6.8	2.3
403	A. M. Masters	65	Aug. 4, 1967	4	115	75	256	162	52	720	.3	3.0	1,290	600	48.2	2,410	7.0	4.5
407	Paul H. Short	80	Aug. 30, 1967	31	332	78	204	436	160	750	.3	3.5	1,770	1,150	27.8	3,010	7.5	2.6
409	Twin Mountain Oil Company	83	Aug. 22, 1967	35	820	204	790	312	163	3,020	.3	<	5,200	2,900	37.3	8,210	7.2	6.4
411	Dr. Sol B. Estes	60	do	30	300	56	212	530	178	590	.3	7.5	1,640	980	32.0	2,650	7.9	2.9
412	Morris Bill Homes, Incorporated	30	Mar. 4, 1968	21	74	12	7	287	7	3	.3	<	285	237	6.0	430	7.9	.2
501	Robert-King-Ford	57	July 6, 1953	46	--	--	449	225	345	1,480	.2	6.0	--	1,640	37	5,250	7.7	--
502	C. E. Boyd	32	Apr. 17, 1967	27	79	18	49	344	47	33	.7	<	423	273	27.9	678	8.2	1.3
504	do	20	do	20	134	69	132	750	57	171	1.5	<	950	620	31.8	1,660	7.3	2.3
506	John Middleton	13	Aug. 4, 1967	28	268	112	457	710	439	600	1.4	360	2,610	1,130	46.8	3,650	7.8	5.9
507	Don Scott	37	do	45	46	116	270	720	248	245	2.2	13	1,340	590	49.8	2,050	8.3	4.8
508	B. B. Scott	25	Aug. 7, 1967	23	75	72	167	530	283	65	1.8	34	980	482	43.0	1,460	7.5	3.3
509	Bill Hampton	17	do	53	240	100	294	488	193	740	.7	8	1,870	1,010	38.8	3,130	7.2	4.0
511	Elvin Stice	39	do	47	510	97	455	456	115	1,570	.3	<	3,020	1,670	37.4	5,080	7.2	4.9
516	do	36	Aug. 8, 1967	<	540	39	284	1	7	1,680	.8	<	2,720	1,510	27.9	4,790	5.2	3.1

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NT-TREAT (NO ₃)	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)	
Seymour Formation -- Continued																			
30-19-517	Elvin Stice	30	Aug. 8, 1967	47	660	161	810	431	63	2,700	0.7	<	4,650	2,320	43.0	7,490	7.0	7.3	
518	John H. Benchoff	20	do	60	650	163	468	427	132	2,020	.8	<	3,720	2,290	30.8	6,020	7.0	4.3	
519	James T. Lofton	46	Aug. 30, 1967	40	760	231	720	278	325	2,800	.4	<	5,010	2,850	35.6	7,870	7.2	5.9	
520	A. E. Harendt	76	do	31	400	75	217	442	150	890	.3	<	1,980	1,310	26.5	3,350	7.8	2.6	
521	Twin Mountain Oil Company	34	do	22	360	134	750	710	9	1,880	.3	<	3,550	1,450	52.4	6,010	7.3	8.5	
522	D. O. Higgs	16	do	51	220	81	256	465	144	640	.5	<	1,620	880	38.7	2,700	8.0	3.8	
602	Back Doty	22	Aug. 7, 1967	58	253	102	278	450	154	800	.7	<	1,870	1,050	36.5	3,100	7.3	3.7	
605	O. D. Nichols	23	July 6, 1953	50	100	72	190	658	140	295	1.4	8.0	1,080	546	43	1,830	7.7	--	
			Aug. 30, 1967	53	220	116	285	493	184	760	.7	4.0	1,870	1,030	37.6	3,090	8.0	5.9	
701	J. M. Kelsey	42	June 22, 1953	42	168	40	169	442	139	305	.2	8.7	1,090	584	39	1,860	7.4	--	
			Aug. 8, 1967	33	170	18	122	510	81	184	.3	10	870	500	34.6	1,400	7.3	2.4	
702	E. L. Wilson	60	Apr. 18, 1967	36	210	43	481	383	60	960	.5	6.5	1,990	700	59.9	3,400	7.2	7.9	
703	do	50	do	36	220	49	261	478	152	540	.4	6.5	1,500	750	43.0	2,460	7.2	4.1	
704	do	32	do	33	255	66	297	366	57	860	.5	5.0	1,750	910	41.5	3,050	7.3	4.3	
705	Costalota, Incorporated	63	Aug. 9, 1967	35	224	41	247	478	178	510	.3	5.5	1,480	730	42.4	2,470	7.3	4.0	
706	do	60	do	7	196	68	353	89	11	1,020	1.0	<	1,700	770	49.9	3,200	6.5	5.5	
709	Dr. George Dawson	70	do	35	199	31	192	482	124	366	.2	8.0	1,190	630	40.0	2,010	7.2	3.3	
710	Joe M. Black	70	do	43	540	107	550	407	90	1,850	.3	9	3,390	1,800	39.6	5,800	7.1	5.6	
712	Collie Franklin	46	Aug. 28, 1967	34	200	51	377	500	160	690	.3	9.0	1,750	710	53.2	2,910	7.6	6.1	
713	do	53	do	42	80	20	273	560	117	200	.5	18.0	1,030	283	67.8	1,650	7.5	7.1	
714	do	50	do	42	103	38	250	610	99	232	.3	9.0	1,090	413	56.9	1,790	7.9	5.4	
715	Dr. Sol B. Estes	72	Aug. 22, 1967	28	220	49	388	468	169	750	.3	3.0	1,840	750	52.9	3,070	8.1	6.2	
803	Lem Ruark	29	July 25, 1967	28	292	157	1,500	472	458	2,660	.8	<	5,330	1,380	69.9	8,210	7.4	17.6	
804	do	32	do	56	234	19	394	610	370	460	.7	28	1,860	660	56.4	2,720	7.5	6.7	
805	Dr. David S. Ramsey	16	Aug. 3, 1967	26	71	36	108	410	102	82	1.5	21	650	324	41.9	1,022	7.6	2.6	
806	do	11	do	28	119	77	199	550	281	227	1.7	12	1,220	620	41.3	1,850	7.5	3.5	
807	B. R. Dorey	13	do	28	64	39	25	372	41	14	1.2	12	407	319	14.6	660	7.5	.6	
808	Repps Guizar, Sr.	25	Aug. 7, 1967	32	203	61	169	394	152	447	1.0	24	1,280	760	32.5	2,110	7.9	2.7	
813	Elvin Stice	30	do	100	780	401	1,770	610	1,790	3,590	1.9	<	8,750	3,600	51.7	11,070	7.4	9.1	
814	George W. Kenese	60	Aug. 29, 1967	20	66	59	56	345	91	85	1.3	33	580	408	22.9	970	7.5	1.2	
815	Wade Meadows, Jr.	spring	do	56	204	92	438	382	285	870	.5	<	2,130	890	51.7	3,460	7.4	6.4	
817	Andrew J. White et al.	29	Nov. 3, 1967	22	191	219	352.8	490	1,350	224	2.0	32	2,640	1,380	35.7	3,300	7.8	4.1	
25-105	Carl Jackson	72	Feb. 24, 1967	20	155	87	66	239	145	345	1.0	52	990	750	16.2	1,750	7.4	1.1	

See footnotes at end of table.

Table 8. - Chemical Analyses of Water From Wells and Springs - Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO ₃)	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)	
Seymour Formation - Continued																			
30-25-116	Hugh Taylor	200	Dec. 12, 1968	20	302	63	130	287	900	67	0.9	14.5	1,640	1,010	21.9	1,970	7.0	1.8	
209	Ab Hunter, Jr.	43	Mar. 18, 1968	25	366	237	610	447	1,970	580	1.3	13.0	4,020	1,890	41.2	4,600	7.5	6.1	
303	Wayne Cook	28	Nov. 29, 1967	21	81	73	351	433	337	365	3.1	85	1,350	500	60.2	2,370	7.8	6.8	
304	J. E. McCoy, Jr.	16	Dec. 20, 1967	30	98	23	216	464	179	121	1.5	77	970	340	57.6	1,500	7.4	5.0	
307	do	spring	do	28	55	52	222	494	139	144	1.5	83	970	353	57.8	1,540	7.4	5.1	
601	W. D. Baker et al.	26	Apr. 20, 1967	22	118	82	215	540	407	163	2.6	4.0	1,280	630	42.4	1,880	7.8	3.8	
602	do	20	do	24	800	361	650	132	950	1,880	1.4	1,450	6,200	3,490	28.9	7,960	7.5	4.8	
604	J. D. Woodard	35	Dec. 21, 1967	24	68	42	397	530	383	181	6.8	105	1,470	346	71.4	2,190	7.7	9.3	
901	Fred Shotwell	90	Nov. 30, 1967	16	133	170	820	600	1,320	660	2.5	30	3,450	1,030	63.8	4,600	7.9	11.1	
902	Mrs. H. Arwine	40	do	24	138	39	317	710	258	160	6.5	115	1,410	500	57.6	2,050	8.0	6.2	
904	C. T. McCormick	15	Jan. 3, 1968	24	144	172	394	510	360	351	5.3	500	2,410	1,100	44.5	3,260	8.1	5.2	
906	D. H. Reddin	15	Jan. 4, 1968	21	94	120	460	448	500	500	4.1	105	2,020	730	57.9	3,060	8.3	7.4	
26-101	Weldon Johnson	26	Sept. 29, 1967	29	42	19	181	431	86	66	2.3	52	690	184	68.2	1,050	7.7	5.8	
102	Barnett Moore	67	Nov. 29, 1967	9	80	86	323	359	290	482	1.2	38	1,460	555	55.9	2,380	7.7	6.0	
103	Durwood McCoy	36	do	22	199	162	540	540	378	920	4.0	287	2,790	1,160	50.1	4,220	7.7	6.9	
106	Lonnie Hasey	35	Jan. 3, 1968	11	68	77	327	273	367	394	2.1	7.0	1,390	485	59.5	2,230	8.1	6.5	
107	E. R. Bumpass estate	7	Mar. 18, 1968	24	70	26	40	353	22	18	.4	37.5	412	284	23.5	662	7.6	1.0	
201	Jim Folk	28	Aug. 24, 1967	34	152	76	335	325	74	740	2.0	6.0	1,580	690	51.2	2,750	7.4	5.5	
202	do	23	do	23	101	31	103	580	9	110	2.0	<.4	680	380	37.1	1,180	7.3	2.3	
203	Kimble Oil Company	26	do	32	138	49	323	394	46	630	2.0	<.4	1,410	550	56.2	2,490	7.4	6.0	
205	do	26	do	42	89	24	201	580	24	185	2.0	<.4	850	323	57.5	1,450	7.1	4.9	
206	Fred Gerlack	21	Aug. 24, 1967	42	154	79	293	355	112	650	2.1	7.5	1,550	710	47.3	2,600	8.0	4.8	
207	Charles Mayburn	26	Sept. 29, 1967	33	79	42	129	640	32	67	1.7	4.0	700	369	43.2	1,110	7.4	2.9	
209	Weldon Johnson	29	do	22	357	227	770	360	770	1,710	.9	11	4,050	1,820	48.0	6,140	7.4	7.9	
210	Mrs. W. A. Carter	23	Nov. 10, 1967	15	116	76	267	310	95	600	2.6	<.4	1,320	600	49.0	2,380	7.7	4.7	
211	B. J. Cook	26	June 22, 1953 Nov. 10, 1967	29 28	58 73	31 39	174 207	394 528	114 141	128 144	1.4 1.0	19 24	748 920	272 344	58 56.7	1,320 1,470	7.4 7.8	-- 4.9	
212	E. E. Bristow	30	June 22, 1953 Nov. 10, 1967	34 25	68 63	31 26	178 156	438 460	100 73	135 106	1.4 1.0	19 18	781 690	297 285	57 56.3	1,310 1,100	7.4 8.2	-- 4.2	
213	State of Texas	spring	Nov. 27, 1967	33	84	42	357	470	293	280	4.4	85	1,410	382	67.1	2,120	7.9	8.0	
214	do	19	Dec. 18, 1967	30	126	50	155	355	139	200	2.0	165	1,050	520	39.3	1,610	7.3	3.0	
219	Collie Franklin	26	Aug. 28, 1967	21	132	73	326	448	520	275	1.1	48.0	1,620	630	52.9	2,350	7.6	5.6	
221	Ablene Christian College	19	July 18, 1967	12	51	27	173	373	72	156	2.3	24	700	240	61.1	1,193	7.6	4.9	

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NO. TESTS (NO ₃)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROSIEMENS AT 25°C)	pH	SODIUM ADSORPTION COEFFICIENT (SAR)
30-26-302	Wanda Rouseville	40	Jan. 18, 1967	37	277	58	332	406	249	770	0.5	19.0	1,950	930	43.7	3,150	7.3	4.7
303	Mrs. E. P. Timmons	35	do	35	94	32	220	488	54	270	1.7	13.0	960	368	56.6	1,600	7.6	5.0
304	Winnie C. Jones	50	Jan. 25, 1967	35	94	24	156	495	72	126	.7	24	780	336	50.2	1,300	7.5	3.7
305	G. Ronald Young	40	Mar. 6, 1967	27	95	25	151	440	100	97	.6	103	820	341	49.1	1,290	7.9	3.6
306	do	32	do	59	63	34	138	570	68	35	3.5	8.5	690	298	50.1	1,065	7.8	3.5
307	do	31	do	44	78	22	44	337	28	24	.8	55	462	287	24.9	707	7.8	1.1
309	D. H. Coonrod	45	Mar. 8, 1967	34	90	32	102	476	76	87	1.2	4	660	358	38.3	1,075	7.5	2.4
311	Leroy Burleson	24	do	30	60	37	99	445	72	43	1.2	40	600	304	41.4	944	7.7	2.5
315	T. L. Sellers	19	Mar. 16, 1967	26	60	35	128	395	97	57	2.0	93	690	294	48.7	1,035	7.7	3.3
318	O. J. Young estate	22	July 17, 1967	28	59	26	246	449	125	181	3.0	31	920	256	67.6	1,490	7.4	6.7
319	G. L. Shepard estate	25	July 18, 1967	35	68	22	122	377	33	116	2.5	11	600	260	50.4	983	7.5	3.3
320	Mrs. A. F. Young estate	22	do	26	65	18	125	362	51	93	1.9	27	590	235	53.6	954	7.6	3.6
322	J. C. Brown	30	do	42	70	31	115	444	43	91	2.5	3.8	620	303	45.3	1,001	7.4	2.9
323	C. D. Hicks	28	July 25, 1967	30	58	25	66	497	4	9	2.3	<	448	250	36.4	763	7.2	1.8
324	do	22	do	31	55	24	143	427	70	55	2.9	54	650	238	56.6	999	7.5	4.0
326	W. H. Hollis, III	22	Aug. 21, 1967	31	63	21	88	434	24	24	2.0	18.0	485	242	44.3	775	8.3	2.5
401	J. M. Crawford	30	Feb. 7, 1967	18	86	171	294	610	237	340	1.2	388	1,840	920	41.0	2,800	7.8	4.2
403	W. R. Biggs	18	Nov. 30, 1967	21	143	108	342	326	247	530	1.7	363	1,920	800	48.1	2,950	8.1	5.3
404	C. H. Stokes estate	24	Dec. 20, 1967	25	278	288	462	296	337	1,520	1.8	210	3,270	--	34.7	5,710	7.8	4.6
503	Alton Hurd	22	do	26	63	118	570	720	379	530	3.8	147	2,190	640	65.6	3,300	8.0	9.7
504	Jones County	seep	Dec. 27, 1967	2	1,720	1,220	2,440	520	1,160	9,100	.9	500	16,400	9,300	36.3	> 12,000	7.2	1.1
602	E. W. Faulke	19	Dec. 21, 1967	22	123	88	237	434	240	343	2.0	147	1,420	670	43.4	2,210	7.7	4.0
701	G. P. Arwine	60	Jan. 3, 1968	15	32	26	337	560	156	208	1.2	10	1,060	188	79.5	1,710	8.1	10.7
27-102	G. Ronald Young	38	Mar. 6, 1967	34	60	23	89	420	41	34	1.8	21	510	246	44.1	820	7.4	2.5
103	do	38	do	32	65	27	115	429	57	57	2.1	16	580	273	47.8	926	7.5	3.0
107	do	28	June 22, 1967	30	56	21	129	406	58	52	1.8	45	593	226	55	957	7.3	--
	do	42	Mar. 6, 1967	29	63	26	139	414	85	77	1.2	53	680	265	53.4	1,050	7.8	3.7
108	do	20	do	24	67	21	169	520	74	93	1.3	6.0	710	252	59.3	1,150	8.0	4.6
109	E. E. Newton	23	Mar. 8, 1967	44	66	26	110	442	47	84	1.6	7.5	590	273	46.8	965	7.5	3.0
110	do	25	do	46	66	34	132	482	59	108	2.1	<	660	304	48.5	1,100	7.8	3.3
115	J. W. Kelsey	46	do	31	640	124	670	367	216	2,170	.4	22	4,050	2,120	40.9	6,480	7.1	6.3
122	Bernie Newton	13	do	26	63	23	177	438	95	96	1.2	59	760	253	60.4	1,220	7.5	4.9

Seymour Formation -- Continued

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (FEET)	DATE OF COLLECTION	SILICA (SILOZ)	CALCIUM (CAL)	MAGNESIUM (MG)	SODIUM (NB)	BICARBONATE (HCO3)	SULFATE (SO4)	CHLORIDE (CL)	FILTRATE (F)	NET TREATMENT (NO3)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO3	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	PH	SODIUM ADSORPTION RATIO (SAR)
Seymour Formation -- Continued																		
30-27-125	Bertie Newton	14	Mar. 8, 1967	26	47	35	173	382	129	121	1.7	37	760	263	58.9	1,210	7.5	4.6
127	do	21	do	30	38	35	99	392	70	33	2.4	28	530	240	47.4	834	7.9	2.8
128	S. C. Tilley	30	Mar. 17, 1967	17	81	16	77	377	46	43	2.1	25	492	267	38.4	795	7.7	2.0
136	A. J. Whillingham	30	do	29	60	22	141	377	183	26	2.1	1.5	650	242	55.9	1,012	7.5	4.0
137	do	38	do	44	61	35	104	392	54	93	1.9	16.5	600	294	43.4	969	7.7	2.6
138	do	31	do	49	99	36	127	710	4	47	1.9	9.0	720	394	41.2	1,100	7.6	2.8
139	do	37	do	40	222	72	650	510	312	930	1.2	260	2,740	850	62.6	4,240	7.5	9.7
140	do	33	do	27	62	24	199	530	85	110	1.0	7.0	780	254	62.9	1,280	7.7	5.4
141	Medford McCoy	28	July 24, 1967	16	73	27	121	434	74	62	1.7	36.0	630	294	47.3	1,016	8.0	3.1
145	do	30	do	16	57	20	130	409	64	55	2.0	38.5	580	224	55.8	955	7.6	3.8
146	Dr. Jack Ramsey	40	do	23	41	9	156	483	48	21	2.2	5.8	540	139	71.1	868	7.6	5.8
148	C. R. Gregory	32	do	21	73	20	144	353	118	64	3.3	85	700	264	54.3	1,093	7.8	4.3
149	Dr. M. V. Ramsey, Jr.	25	July 25, 1967	32	52	14	155	453	57	62	2.2	4.0	600	187	64.3	960	7.6	4.9
152	Jerry R. Jones et al.	23	do	35	70	15	184	440	82	142	<	.4	750	235	63.0	1,220	7.4	5.2
153	A. H. Jeffries	15	do	24	124	37	44	368	158	42	<	41	650	462	17.1	1,082	7.4	.9
201	Jerry R. Jones et al.	23	do	43	51	13	167	590	33	27	3.3	<	630	181	66.7	998	7.4	5.4
701	O. T. Daugherty	31	Dec. 20, 1967	17	88	41	54	500	24	47	.7	10	530	390	23.4	891	7.6	1.2
Recent Alluvium																		
29-23-904	A. Darwin Hill et al.	29	Feb. 22, 1967	25	223	50	220	306	412	385	0.9	33	1,500	760	38.6	2,320	7.8	3.5
905	do	26	do	29	297	116	460	399	1,120	476	1.2	26	2,720	1,220	45.0	3,640	7.3	5.7
906	A. J. Hill	38	do	28	478	136	710	284	1,800	860	1.3	43	4,200	1,760	46.7	5,230	7.3	7.3
907	do	38	do	28	494	128	810	273	1,800	1,020	1.9	61	4,480	1,760	49.7	5,750	7.3	8.4
908	B. V. Jeffrey	22	Feb. 23, 1967	37	224	71	382	371	680	474	1.9	24	2,080	850	49.3	3,010	7.3	5.7
24-305	J. H. Arnett	55	Feb. 9, 1967	8	209	100	78	190	830	61	<	.4	1,380	940	15.3	1,780	7.2	1.1
501	H. H. Boaz	31	Mar. 7, 1967	21	369	82	283	301	1,020	381	.8	40	2,350	1,260	32.8	3,050	7.3	3.5
502	do	32	do	21	349	106	289	299	1,020	396	.8	43	2,370	1,310	32.5	3,200	7.2	3.5
503	Mrs. Lela Boaz	30	do	20	388	124	172	338	1,260	157	.9	35	2,320	1,480	20.2	2,950	7.4	2.0
504	do	56	do	16	241	85	228	195	920	255	.8	7.5	1,850	950	34.2	2,580	7.5	3.2
509	Mrs. Z. Edgar Boaz	34	July 9, 1953	24	272	183	297	314	833	610	<	112	2,490	1,430	31	3,660	7.9	--
			Oct. 18, 1967	30	286	223	550	382	1,250	780	1.9	210	3,520	1,630	42.2	4,550	7.3	6.0
701	Dickinson estate	36	Jan. 17, 1968	17	337	142	234	298	1,060	373	.8	52.0	2,360	1,430	26.3	2,990	7.2	2.7

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO ₃)	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	PH	SODIUM ABSORPTION RATIO (SAR)
29-24-801	Dr. J. C. Duff and J. H. Adams	49	Feb. 9, 1967	16	82	36	103	237	233	51	0.7	68	720	354	38.7	1,069	7.6	2.4
803	do	27	do	18	76	44	88	327	171	39	.6	85	680	371	36.0	1,050	7.6	2.0
804	Herman A. Reeves	50	Feb. 27, 1967	31	142	70	158	462	500	67	1.0	22	1,220	640	34.9	1,750	7.5	2.8
805	do	40	Aug. 18, 1966 Feb. 24, 1967	-- 20	408 860	184 182	349 720	366 364	2,688 2,360	234 1,240	-- 1.1	-- 44	2,411 5,600	-- 2,850	29.6 35.4	-- 6,700	7.2 7.1	3.6 5.9
807	H. H. Boaz	60	Mar. 7, 1967	< 2	35	22	225	52	282	249	.4	<	860	178	73.4	1,590	7.2	7.3
810	Bengal Production Company	83	do	13	660	134	305	129	1,810	690	1.1	11	3,690	2,210	23.2	4,500	7.4	2.8
901	Dr. J. C. Duff and J. H. Adams	16	Feb. 9, 1967	16	249	117	235	215	1,070	234	1.0	16	2,040	1,110	31.6	2,660	7.4	3.1
902	do	49	do	15	333	75	296	170	1,340	186	1.0	15	2,350	1,140	36.1	2,840	7.3	3.8
905	D. O. Huddleston	31	Nov. 22, 1967	3	14	25	332	560	68	245	.1	<	960	140	83.2	1,690	7.6	11.7
906	L. E. G. Boyd et al.	16	do	18	404	123	213	356	1,350	183	.9	14	2,480	1,310	23.4	2,900	7.6	2.4
910	Faye Daniels	22	Dec. 11, 1968	22	400	119	286	232	1,260	394	.7	9.5	2,610	1,490	29.5	3,150	7.4	3.2
32-212	State of Texas	seep	Jan. 17, 1968	21	540	334	860	375	1,850	1,650	2.3	13.5	5,460	2,720	40.8	6,900	7.2	7.2
402	Frank Carter	28	Jan. 5, 1968	21	560	580	660	254	427	3,230	1.7	20.0	5,600	3,800	27.6	8,650	7.7	4.7
502	do	22	July 13, 1953 Dec. 4, 1967	19 17	196 520	180 207	276 207	299 271	682 600	580 1,350	1.4 .7	60 16	2,140 3,130	1,230 2,130	33 22.7	3,260 4,750	8.0 7.4	-- 2.7
30-01-707	M. O. Gray	38	Mar. 29, 1968	16	630	191	463	153	2,400	447	1.1	15.5	4,240	2,350	29.6	4,650	7.1	4.1
801	Lowell L. White	27	Dec. 12, 1968	20	470	121	147	245	1,440	212	1.1	9.5	2,540	1,670	16.1	2,850	7.3	1.6
908	Mrs. A. L. McKeever	23	May 30, 1967	8	279	156	360	109	1,160	600	1.1	29	2,650	1,340	37.1	3,650	6.9	4.3
02-703	W. W. Mayfield	13	June 16, 1967	36	590	231	181	428	2,090	157	1.4	34	3,530	2,420	14.1	3,750	7.6	1.6
706	Clinton C. Moss	40	June 20, 1967	25	700	690	1,860	468	4,370	2,520	4.5	<	10,400	4,600	46.8	11,100	7.3	12.0
708	do	15	do	8	48	328	1,930	1,360	2,500	1,370	1.4	<	6,860	1,470	74.3	8,520	8.0	21.9
713	Fred Osborne	22	June 19, 1967	9	87	77	184	264	186	382	.4	<	1,060	540	42.8	1,850	7.4	3.5
714	Susie Odtriciil	36	do	20	80	34	73	411	89	54	.7	.8	550	342	31.7	920	7.5	1.7
806	T. J. Corree	12	June 16, 1967	21	86	100	540	400	780	394	5.6	120	2,240	630	65.1	3,160	7.4	9.4
807	do	17	do	7	107	28	91	112	229	184	.4	6.0	710	380	34.0	1,165	7.2	2.0
809	Joe Benton	16	June 19, 1967	35	179	168	750	376	940	920	4.6	145	3,330	1,140	58.5	4,620	7.3	9.7
810	Mrs. R. B. Bule	14	do	21	264	246	1,360	482	3,220	630	1.6	19	6,000	1,670	64.1	6,800	7.7	14.5
903	Carl Gared	24	May 29, 1967	15	600	243	479	389	2,330	660	1.4	<	4,520	2,500	29.3	5,200	7.3	4.2
905	Gladys Webb	45	June 21, 1967	37	280	640	2,280	789	3,360	2,730	2.1	260	10,000	3,350	59.6	11,500	7.4	17.1
03-606	W. J. Smith	22	Feb. 12, 1968	18	76	42	13	420	31	7	.6	10	405	363	7.3	670	8.0	.3
701	S. A. Olson	17	June 2, 1967	15	461	770	3,410	650	8,800	1,180	4.2	215	15,200	4,350	63.0	> 12,000	7.9	22.5

Recent Alluvium -- Continued

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SI02)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO3)	SULFATE (SO4)	CHLORIDE (Cl)	FLUORIDE (F)	NETRATATE (NO3)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO3	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
30-03-702	E. O. Neuert	15	May 29, 1967	18	70	9	101	261	16	8	0.4	<	239	213	9.4	444	7.7	0.3
704	Leland Neuert	22	July 7, 1963	16	193	91	400	372	991	228	.8	80	2,180	856	50	3,020	7.7	--
		18	June 21, 1967	16	126	82	345	346	600	286	.7	<	1,610	570	56.2	2,300	7.2	6.3
801	H. E. Whitworth	13	June 2, 1967	16	60	20	32	218	17	70	.4	6.5	329	235	22.9	589	7.4	.9
802	do	16	do	22	90	57	130	320	260	85	1.6	117	920	458	38.2	1,370	7.6	2.6
805	Oliver D. Swenson	17	do	30	120	134	493	650	1,040	176	2.8	83	2,400	850	55.7	3,120	7.4	7.4
901	C. J. Oman estate	seep	Apr. 8, 1968	--	540	388	3,570	880	4,920	3,410	2.4	<	13,300	2,940	72.5	> 12,000	7.6	28.6
09-302	Mrs. C. S. Ratliff	20	Feb. 7, 1968	15	234	191	530	209	600	1,180	1.1	36	2,890	1,370	45.5	4,490	8.0	6.2
303	do	20	do	17	197	114	127	224	232	570	.7	27	1,400	960	22.4	2,350	7.6	1.8
705	Y. Z. Jimenez	65	Mar. 29, 1968	21	510	382	222	383	740	740	1.0	1,449	4,250	2,840	14.5	5,370	7.4	1.8
10-201	A. H. Lindsey	17	Apr. 6, 1967	26	147	188	820	437	670	1,250	2.1	148	3,470	1,140	61.1	5,150	7.9	10.5
305	Lillie D. Southard	26	June 9, 1967	21	276	140	590	326	930	860	.8	120	3,100	1,270	50.5	4,300	7.4	7.2
407	W. D. Baker	13	Apr. 20, 1967	13	440	620	1,200	388	1,810	3,020	1.2	<	7,300	3,650	41.6	9,450	7.7	8.6
409	do	13	do	20	600	450	1,770	510	2,920	2,760	1.6	1.5	8,800	3,350	53.5	10,210	7.3	13.3
414	Omar Borleson	13	May 9, 1967	18	204	121	414	333	540	750	.7	4.5	2,220	1,010	47.3	3,550	7.8	5.7
505	Emma Puschel	40	May 16, 1967	--	77	69	364	1,550	7	59	2.2	<	1,400	476	62.4	2,390	7.2	7.4
506	do	12	do	16	106	55	235	690	153	206	.6	<	1,110	491	49.1	1,900	7.6	4.3
11-201	R. T. Taylor	33	May 31, 1967	20	89	79	288	484	226	297	1.1	110	1,350	550	53.3	2,170	7.4	5.3
902	G. W. Hart	12	Feb. 16, 1967	18	56	20	30	256	33	38	.4	3.0	324	221	22.6	566	7.6	.9
12-706	W. F. Baker	5	Apr. 5, 1967	28	89	68	75	362	110	170	1.6	20	740	500	24.6	1,260	8.2	1.5
17-707	A. R. Barry	23	Nov. 22, 1967	20	490	130	301	277	1,740	266	1.1	18.5	3,100	1,760	26.7	3,510	7.7	3.1
807	Bagley estate	26	Mar. 7, 1967	19	166	77	342	272	570	411	.9	115	1,840	730	50.3	2,790	7.4	5.5
817	J. L. Beasley	24	Oct. 13, 1967	17	29	15	73	198	81	29	1.1	<	346	135	52.5	557	7.4	2.6
826	Rex A. Smith	30	Nov. 24, 1967	26	213	90	174	436	620	160	1.0	33	1,530	900	29.1	2,100	7.7	2.5
831	do	18	do	20	450	154	326	295	1,300	600	1.0	11.5	3,010	1,760	28.5	3,800	7.4	3.3
834	A. E. Newman	21	Nov. 30, 1967	21	462	115	285	316	880	750	.9	33	2,700	1,630	27.6	3,760	7.5	3.1
911	J. L. Beasley	17	Oct. 13, 1967	30	130	88	312	510	680	161	1.1	44	1,700	690	49.4	2,300	7.5	5.1
915	Paul Arendall et al.	76	Nov. 29, 1967	--	42	33	479	1,200	29	299	.1	<	1,550	240	80.8	2,690	8.2	13.0
916	do	70	do	23	500	144	897	124	2,060	1,170	1.0	<	4,860	1,850	50.8	5,950	7.6	9.0
919	Dorman D. Bush et al.	23	Dec. 27, 1967	11	277	56	292	245	630	469	.7	13	1,870	920	40.3	2,680	7.4	4.1
19-301	Jim Alexander	65	Apr. 4, 1967	20	287	95	185	240	780	367	1.4	6.0	1,860	1,110	26.6	2,660	7.2	2.4
510	S. L. Hodges	19	Aug. 8, 1967	22	64	63	52	456	110	28	1.1	13.0	580	418	21.3	916	7.7	1.1

Recent Alluvium -- Continued

See footnotes at end of table.

Table 8. - Chemical Analyses of Water From Wells and Springs - Continued

WELL	OWNER	DEPTH OF WELL (FE)	DATE OF COLLECTION	SILICA (SI02)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO3)	SULFATE (SO4)	CHLORIDE (Cl)	FILTRATE (F)	NI-TRATE (NO3)	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO3	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
Recent Alluvium - Continued																		
30-19-601	Mack Doty	23	Aug. 7, 1967	47	200	128	282	423	183	770	0.7	10	1,830	1,030	37.3	3,070	7.3	3.8
603	D. M. Wyatt estate	12	do	27	38	56	258	610	217	101	2.8	31	1,030	325	63.3	1,590	7.8	6.2
604	do	15	do	35	700	1,300	3,310	1,160	5,500	5,600	2.2	<	17,000	7,100	50.3	> 12,000	7.4	17.1
606	Schlake Brothers Drilling Company	55	July 31, 1968	--	178	--	--	--	420	297	--	--	--	--	--	--	6.5	--
20-102	W. F. Baker	seep	Apr. 5, 1967	4	156	167	493	386	520	930	1.6	5.0	2,470	1,080	49.8	3,870	7.4	6.5
25-205	Ab Hunter, Jr.	28	Mar. 18, 1968	16	106	72	159	312	138	298	.7	135	1,080	560	38.1	1,770	8.1	2.9
26-224	Ablene Christian College	25	July 18, 1967	14	294	114	344	342	1,040	414	.7	3.0	2,390	1,200	38.3	3,240	7.8	4.3
308	A. C. Newton	27	Mar. 8, 1967	16	200	99	288	382	720	327	.9	21	1,860	910	40.9	2,640	7.4	4.2
312	T. L. Sellers	43	Mar. 16, 1967	20	83	41	167	404	220	99	1.8	71	900	376	49.1	1,400	7.9	3.7
313	do	20	do	38	116	78	329	1,240	120	161	2.4	3.0	1,460	610	54.0	2,350	7.6	5.8
316	do	42	do	18	434	153	369	376	1,380	540	1.2	57	3,140	1,720	32.1	4,010	7.4	3.9
329	B. J. Rutledge	25	Dec. 21, 1967	12	352	201	870	500	1,950	820	1.1	<	4,450	1,710	52.7	8,364	7.9	9.2
601	Mrs. Mary L. Sellers	34	Mar. 17, 1967	19	500	268	790	423	1,870	1,220	1.1	<	4,880	2,350	42.4	6,750	7.2	7.1
703	J. David Proctor	24	Jan. 4, 1968	18	139	163	353	600	740	353	1.0	12	2,070	1,020	42.9	2,940	7.4	4.8
705	do	24	do	3	22	47	179	310	131	166	.3	11	710	248	61.2	1,200	8.1	5.0
27-113	L. R. Newton	26	Mar. 8, 1967	30	51	25	170	460	82	49	2.2	57	690	231	61.6	1,100	7.6	4.9
116	do	spring	do	34	38	32	201	438	119	89	3.6	69	800	228	65.7	1,250	8.1	5.8
117	Mrs. J. T. Williams	30	do	25	89	34	143	427	173	94	1.7	31	800	365	46.0	1,250	7.5	3.3
121	Bill Sims	30	do	19	301	114	253	305	1,010	266	1.0	32	2,180	1,220	31.0	2,870	7.3	3.1
129	Mrs. Mary L. Sellers	22	Mar. 16, 1967	19	323	96	387	321	960	540	.8	14	2,500	1,210	41.1	3,510	7.7	4.9
131	do	34	do	16	497	267	570	376	2,000	830	1.0	39	4,410	2,340	34.6	5,400	7.1	5.1
150	Dr. W. V. Ramsey, Jr.	29	July 25, 1967	17	191	145	362	421	1,150	182	1.6	37.0	2,290	1,070	42.3	2,970	7.6	4.8
151	J. B. Bradford	21	do	27	289	104	254	440	1,100	127	1.2	48	2,170	1,150	32.4	2,600	7.6	3.3
154	A. H. Jeffries	20	do	24	104	156	417	520	1,070	187	2.7	8	2,230	900	50.2	2,880	7.5	6.1
301	Mrs. Guy P. Witherspoon	40	July 29, 1953	24	78	73	356	378	453	312	1.8	54	1,340	494	61	2,390	8.1	--
		35	Aug. 29, 1967	23	96	96	550	360	620	590	2.8	80	2,240	630	65.4	3,340	7.5	9.5
303	Dr. D. G. Strole	22	Sept. 19, 1967	24	122	68	217	429	200	351	1.0	6.0	1,200	590	44.6	2,000	7.3	3.9
304	S. R. Cox, Sr.	18	Sept. 28, 1967	36	191	119	550	1,150	465	630	1.3	<	2,620	970	55.3	3,910	7.5	7.7
305	N. H. Wyatt et al.	16	do	27	155	84	447	520	336	660	1.2	<	1,970	730	57.0	3,140	7.4	7.2
401	Bernie Newton	34	May 19, 1967	20	428	151	262	333	1,570	190	1.3	40	2,830	1,690	25.2	3,310	7.3	2.8
602	Dr. D. G. Strole	24	Sept. 19, 1967	22	98	47	308	384	279	320	1.7	23.5	1,290	439	60.4	2,080	7.5	6.4
604	Mrs. Charles G. Smith, Jr.	18	do	26	159	77	334	296	402	492	2.0	80	1,720	710	50.4	2,640	7.7	5.4

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH OF WELL (FE)	DATE OF COLLECTION	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	MT. TOXIC (MOS)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)	
Recent Alluvium -- Continued																			
30-27-606	C. F. Hill	21	Sept. 20, 1967	25	260	86	444	282	432	840	1.3	83	2,310	1,000	49.0	3,600	7.3	6.0	
607	D. McBeath	26	Sept. 19, 1967	17	520	145	770	327	1,090	1,490	.8	22	4,220	1,890	47.2	5,960	7.3	7.7	
609	do	26	do	22	122	36	233	450	144	309	.8	<	1,090	451	52.9	1,830	7.3	4.8	
610	J. M. Foster	24	Sept. 20, 1967	27	255	82	478	327	560	730	.9	145	2,440	980	51.6	3,660	7.4	6.6	
611	J. R. Harp	24	Sept. 19, 1967	25	290	108	481	205	429	1,070	1.8	90	2,600	1,170	47.2	4,140	7.2	6.1	
614	do	24	Sept. 20, 1967	19	272	100	482	215	477	980	.8	66	2,470	1,090	48.8	3,960	7.6	6.3	
616	City of Abilene	28	Sept. 26, 1967	24	106	31	256	453	177	278	.9	6.0	1,100	393	59.1	1,830	7.4	5.6	
619	N. H. Wyatt et al.	24	July 29, 1953	20	233	68	371	227	338	782	.4	89	2,010	861	48	3,460	7.9	--	
			Sept. 26, 1967	2	195	59	431	72	354	830	.7	6.0	1,930	730	56.2	3,230	6.8	6.9	
621	Clyde Beasley	27	do	21	132	73	235	438	188	394	2.0	18.0	1,280	630	44.8	2,150	7.5	4.1	
622	Schlake Brothers Drilling Company	35	July 31, 1968	--	210	--	--	--	310	996	--	--	--	--	--	--	6.6	--	
702	Luther Weeks	35	Dec. 20, 1967	20	165	131	261	560	439	341	1.0	168	1,800	950	37.4	2,630	7.3	3.7	
901	Tony P. Vaughn	27	Sept. 20, 1967	18	469	161	610	168	570	1,690	.9	105	3,710	1,830	42.0	5,700	7.4	6.2	
902	do	26	do	21	364	119	540	200	510	1,300	.9	121	3,070	1,400	45.5	4,740	7.3	7.3	
903	do	15	Sept. 19, 1967	19	412	130	491	176	328	1,490	.8	90	3,050	1,570	40.3	4,960	7.0	5.4	
904	J. M. Foster	30	Sept. 20, 1967	11	62	17	84	142	86	130	.5	26	487	225	44.9	856	7.4	1.7	
906	R. T. Dymun	26	do	16	131	34	150	311	129	266	.6	29	910	466	41.1	1,560	7.4	3.0	
908	do	24	do	20	87	43	171	422	178	173	1.6	3.0	880	393	48.6	1,440	7.7	3.8	
909	J. D. Watts	21	Sept. 26, 1967	21	85	27	249	365	247	198	1.1	63	1,040	325	62.6	1,690	7.6	6.0	
911	Schlake Brothers Drilling Company	35	July 31, 1968	--	211	--	--	--	270	1,038	--	--	--	--	--	--	6.4	--	
Seymour Formation and Vale Formation																			
30-02-705	C. R. Taylor	80	June 16, 1967	21	340	294	1,000	436	1,800	1,520	3.7	15	5,300	2,060	53.6	7,060	7.4	10.5	
10-101	J. H. Medeking	42	May 16, 1967	19	165	182	399	406	271	940	1.0	35	2,210	1,160	42.8	3,800	7.3	5.1	
17-335	Donald Blankenship	50	Nov. 10, 1967	20	87	37	104	366	96	103	.8	80	710	369	37.3	1,130	7.6	2.3	
613	J. H. Carter	110	Oct. 11, 1967	18	149	63	136	550	76	285	.5	3.0	1,000	630	31.9	1,750	7.3	2.4	
714	Finah H. Bumpass	97	Jan. 3, 1968	24	90	29	85	227	132	113	.4	42	650	345	34.9	1,048	7.8	2.0	
814	J. L. Beasley	75	Oct. 13, 1967	12	169	68	401	244	730	422	.8	13.0	1,940	700	55.4	2,800	7.6	6.6	
907	do	65	do	12	346	102	790	127	1,980	590	1.0	<	3,880	1,280	57.2	4,740	6.9	9.6	
18-245	W. D. Baker	46	Apr. 20, 1967	28	173	46	161	329	143	301	1.1	155	1,170	620	36.1	1,860	7.4	2.8	
26-104	Durwood McCoy	100	July 13, 1953	16	42	36	367.6	443	251	305	1.6	7.8	1,250	253	76	2,110	8.0	--	

See footnotes at end of table.

Table 8. -- Chemical Analyses of Water From Wells and Springs -- Continued

WELL	OWNER	DEPTH FEET (ft)	DATE OF COLLECTION	SILICA (SiO ₂)	CAL- CIUM (Ca)	MAGNE- SIUM (Mg)	SODIUM (Na)	BICAR- BONATE (HCO ₃)	SUL- FATE (SO ₄)	CHLO- RIDE (Cl)	FILDO- RIDE (F)	NI- TRATE (NO ₃)	DIS- SOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	PH	SODIUM ANION- TON RATIO (SAR)
Seymour Formation and Bullwagon Dolomite Member of Vale Formation																		
30-17-309	L. H. Herndon	36	Feb. 7, 1967	39	52	22	77	334	47	25	1.9	30	458	223	43.0	700	7.7	2.3
616	Jake Hollis	90	Oct. 11, 1967	16	373	128	356	70	1,590	378	.9	<	2,480	1,460	34.7	3,510	6.8	4.1
618	L. G. Gatewood	95	Oct. 16, 1967	17	229	91	355	282	255	880	.5	5.5	1,970	950	44.9	3,286	7.2	5.0
620	A. J. Smith, Jr.	95	do	16	271	109	299	89	590	800	.7	5.0	2,140	1,130	36.5	3,300	7.3	3.9
803	A. J. Teal	70?	Mar. 7, 1967	30	170	86	173	451	102	468	.6	8.5	1,260	780	32.6	2,200	7.6	2.7
913	Archie Jefferies et al.	70?	Oct. 13, 1967	27	82	29	164	455	124	96	.8	26	770	323	52.6	1,260	7.4	4.0
25-506	M. C. Church	85	Jan. 3, 1968	28	61	31	49	301	47	16	2.1	65	447	279	27.5	714	7.7	1.3
801	Union Texas Petroleum	125	Jan. 4, 1968	27	115	72	228	285	236	327	1.7	154	1,300	580	45.9	2,050	7.6	4.1
802	do	125	do	19	88	70	115	455	223	85	1.5	23	850	510	33.0	1,320	7.7	2.2
804	Texas Natural Gasoline Company	115	July 13, 1953	20	75	39	58	267	47	120	.6	48	622	348	25	958	7.9	--
807	J. H. F. Jones	115	Dec. 10, 1968	20	145	73	195	235	67	560	.7	27.5	1,210	660	38.9	2,100	7.5	3.3
Seymour Formation and Chloza Formation																		
30-17-327	Mrs. A. L. Rainwater	80	Oct. 17, 1967	33	135	32	345	487	334	277	0.8	95	1,490	468	61.6	2,230	7.5	7.0
405	Frank C. Barron	106	Oct. 10, 1967	24	133	81	97	295	320	197	.9	38	1,040	670	23.9	1,600	7.6	1.6
25-103	Tinah H. Bumpass	62	Jan. 3, 1968	25	113	32	144	299	64	280	.6	42	830	417	42.9	1,490	7.2	3.1
113	W. D. Ramsey	69	Dec. 21, 1967	34	215	76	194	338	550	189	.8	168	1,570	850	33.1	2,200	7.4	2.9
Seymour Formation and San Angelo Formation																		
29-24-507	Jim S. Richards	100	Oct. 17, 1967	24	245	100	127	433	285	479	0.5	5.0	1,480	1,020	21.2	2,400	7.5	1.7
Recent Alluvium and Vale Formation																		
30-02-702	W. W. Meyfield	41	June 16, 1967	24	91	58	72	428	125	58	2.3	105	750	465	24.8	1,100	7.5	1.5
715	Susie Odstrcil	54	June 19, 1967	20	230	109	401	306	1,140	328	1.4	1.6	2,380	1,020	46.0	3,260	8.1	5.5
Recent Alluvium and Chloza Formation																		
29-22-203	Alec Carter	105	Feb. 24, 1967	1	142	104	199	32	900	193	0.7	<	1,560	780	35.6	2,260	7.4	3.1

a) Analysis by U.S. Geological Survey.
 b) Analysis by Halliburton Company.
 c) Turbidity sulfate.
 d) Includes equivalent of 18 ppm carbonate (CO₃).
 e) Includes equivalent of 22 ppm carbonate (CO₃).
 f) Analysis by the Railroad Commission of Texas.
 g) Includes equivalent of 3 ppm carbonate (CO₃).
 h) Analysis by Texas Agricultural Extension Service.
 i) Analysis by Lindsay Soft Water Company.

Table 9.—Chemical Analyses of Oil-field Brines, From Laxson and Others (1960) and BJ Service, Inc. (1960)

(Analyses are in parts per million except pH.)

PRODUCING ZONE	FIELD	AVERAGE DEPTH OF WELL (FT)	AREA SHOWN ON FIGURE 33	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	DISSOLVED SOLIDS	pH
Permian System											
Coleman Junction	Avoca	1,000	10	2,664	459	22,460	122	4,400	37,400	69,480	6.6
Do.	Creslenn	—	21	1,520	864	15,940	149	2,000	28,500	48,825	6.5
Do.	Noodle	—	23	2,120	750	23,500	180	3,700	39,500	74,000	—
Do.	do	1,760	23	2,376	730	19,150	251	4,240	32,600	62,180	7.5
Do.	Stanley	—	40	1,570	620	21,200	212	4,300	34,000	63,000	7.1
Fry Sand	Anson N.	2,381	16	3,407	666	24,398	158	1,580	44,329	—	7.3
Do.	8 miles W. Lueders	1,400	16	5,380	1,024	32,105	93	209	61,800	—	6.5
Tannehill	Mary Rita	1,975	—	4,080	855	25,900	240	415	49,200	86,500	6.5
Do.	Fort Phantom Hill	—	—	5,400	1,100	30,900	210	100	60,100	107,200	7.0
Do.	Truby Strawn	4,552	40	3,357	949	24,895	259	528	46,510	—	7.8
Noodle Creek Limestone	Noodle	2,530	23	2,880	525	21,650	265	2,300	39,600	74,500	7.4
Noodle Creek Limestone	Noodle W.	2,577	23	3,210	878	26,900	26	1,112	49,000	—	5.9
Noodle Creek Limestone	N. Trent	2,560	23	2,790	695	23,900	200	1,950	42,200	80,500	7.2
Bluff Creek	Regular	—	30	7,450	735	39,600	34	0	76,500	125,000	5.9
Flippen Lime	4 miles N. Trent	—	23	3,880	1,195	28,900	370	1,400	53,400	96,100	6.9
Flippen Sand	N. Anson	2,180	16	6,835	1,476	30,610	7	222	63,520	—	4.1
Do.	Sayles	1,920	34	5,917	1,369	31,582	126	0	63,080	—	6.7
Do.	do	—	34	5,460	1,340	31,600	130	0	62,200	110,400	6.6
Flippen	Wildcat	2,180	—	5,065	886	30,700	150	489	49,650	—	6.2
Cook	Hatchett	2,030	29	5,930	1,378	31,400	153	6	62,850	—	6.9
Do.	do	2,070	29	6,835	1,476	30,610	7	222	63,520	—	4.1
Do.	Regular	—	29	5,840	1,632	30,660	134	40	62,500	100,632	6.6
Do.	Wildcat	—	—	4,450	1,018	37,600	147	1,650	66,800	125,000	7.0
Pennsylvanian System											
Hope	Bartlett	2,980	21	5,030	1,403	34,500	255	1,237	65,100	—	6.9
Do.	Humphrey-Grey	2,110	10	4,728	1,598	34,090	48	340	65,300	—	5.9
Do.	Wimberly	2,980	38	4,027	2,039	30,310	252	224	59,250	—	7.3
Do.	W. Lueders	—	11	4,880	1,650	31,100	85	250	69,400	118,300	7.0
King	Bartlett	3,290	21	5,709	917	23,168	69	155	48,341	—	5.3
Do.	W. Lueders	—	11	4,800	1,750	37,550	237	25	72,500	124,000	6.8
Gunsight	Fragosa	2,925	28	3,290	2,759	36,550	365	9	70,400	113,373	—
Do.	Hatchett	2,290	29	5,220	1,670	35,200	175	0	68,300	120,000	6.4
Do.	N. Hawley	—	29	5,060	1,640	35,900	45	0	69,200	134,300	6.1

Table 9.—Chemical Analyses of Oil-field Brines, From Laxson and Others (1960) and BJ Service, Inc. (1960)—Continued

Pennsylvanian System—Continued

PRODUCING ZONE	FIELD	AVERAGE DEPTH OF WELL (FT)	AREA SHOWN ON FIGURE 23	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	DISSOLVED SOLIDS	pH
Gunsight	Mead S. E. Swastika	2,730	40	4,880	2,620	38,600	400	0	75,700	135,900	6.5
Do.	Truby	2,590	40	3,400	2,670	36,040	350	0	69,100	121,500	6.9
Do.	Wimberly	—	38	2,920	1,895	33,700	310	315	62,200	100,800	6.7
Do.	do	2,750	38	4,880	880	29,900	84	138	57,100	—	6.0
Swastika	E. Bartlett	3,300	21	7,378	967	37,959	136	314	74,088	—	6.4
Do.	do	3,125	21	5,220	1,890	33,610	36	6	66,580	—	5.5
Do.	Creslenn	3,011	21	7,400	2,568	39,815	85	250	82,000	132,000	5.95
Do.	E. Hamlin	3,136	1	6,900	1,625	39,600	166	1,475	77,000	145,500	6.9
Do.	Riddle	3,200	3	6,095	1,782	36,660	94	1,023	71,800	—	7.0
Do.	Tuxedo	2,820	—	5,020	1,400	31,700	154	910	61,300	—	6.7
Do.	7 miles N.W. Merkel	—	—	5,960	1,614	38,600	145	0	74,700	129,500	6.9
Canyon	Anson	3,600	16	13,145	2,070	45,980	156	192	105,900	—	6.7
Do.	do	—	16	11,100	1,500	—	2	160	106,500	—	5.3
Do.	Wildcat	1,515	—	4,210	874	21,430	790	2,804	40,500	—	6.6
Palo Pinto	Avoca	3,275	10	4,680	1,725	33,143	204	1,525	61,770	103,049	6.0
Do.	Noodle	4,400	23	9,292	1,480	46,100	95	500	83,700	148,500	6.4
Do.	Stanley	3,600	40	14,160	210	47,500	136	390	104,000	—	6.5
Do.	do	—	40	15,400	2,500	53,600	130	165	117,000	207,800	6.5
Do.	Truby	4,100	40	5,650	1,590	35,950	430	1,300	71,100	123,100	7.1
Canyon	Regular	—	—	4,070	1,360	33,000	425	700	61,000	100,900	6.9
Strawn	Ball-Kuehn	—	40	14,850	2,050	50,500	142	280	109,000	207,600	6.5
Strawn Sand	Creslenn	—	21	17,240	3,720	56,626	100	75	129,000	206,600	5.98
Strawn	do	—	21	17,480	1,945	51,800	—	200	116,500	206,200	5.6
Do.	Huddleston	4,800	24	15,280	1,505	50,400	98	131	108,900	—	5.8
Strawn Sand	Noodle	—	23	16,100	2,100	52,800	—	105	112,000	198,300	5.4
Strawn	Pitzer	4,250	40	16,200	1,940	46,000	—	330	105,000	187,000	6.7
Do.	Truby	—	40	13,100	1,600	43,200	92	600	95,800	161,300	7.9
Strawn Sand	do	4,495	40	14,600	2,140	46,300	—	570	103,500	191,800	5.9

Ordovician System

Ellenburger	S. Noodle	5,574	40	3,160	810	27,500	405	1,550	48,900	88,100	7.0
-------------	-----------	-------	----	-------	-----	--------	-----	-------	--------	--------	-----

Cambrian System

Cambrain	Ball-Kuehn	—	40	2,160	560	22,500	460	1,680	38,600	70,100	6.3
Do.	do	—	40	2,200	554	23,500	512	1,900	40,000	77,500	6.8
Do.	Doty	—	30	2,400	600	22,800	385	1,600	39,700	68,200	6.7
Do.	Regular	5,700	—	2,300	520	22,000	380	1,600	38,100	66,700	6.4
Do.	Truby	—	40	2,160	535	21,400	438	1,800	37,300	63,700	6.7
Do.	do	5,858	40	2,008	442	19,412	720	1,164	33,110	—	6.7
Do.	W. Truby	—	40	2,310	550	25,200	650	1,550	37,500	69,800	7.0

Table 10. -- Additional Chemical Analyses of Oil-Field Brines
(Analyses are in parts per million except percent sodium, specific conductance, and pH.)

WELL	OWNER	DEPTH OF WELL (FEET)	DATE OF COLLECTION	SILICA (SI O ₂)	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO ₃)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO ₃	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	
Cambrian System - Hickory Sandstone																			
29-24-806 ^d	Nueve Operating Co., Incorporated	6,001	Aug. 20, 1962	--	0.26	2,140	486	--	622	1,760	33,500	--	--	63,700	7,350	--	--	7.0	
30-10-413 ^b	Wayne Petroleum Co.	5,967	May 9, 1967	20	--	3,740	740	29,000	206	1,270	53,000	1.9	< 0.4	88,000	12,400	83.4	> 12,000	6.7	
17-4105 ^f	Humble Oil and Refining Co.	6,082	Nov. 28, 1960	--	18	2,108	528	20,625	466	1,820	35,500	--	--	61,047	--	--	--	6.8	
811 ^g	LeClair Operating Co., Incorporated	5,858	Dec. 28, 1956	--	--	2,008	442	19,442	720	1,684	33,110	--	--	--	--	--	--	6.7	
19-106 ^h	Doty Bluff Creek Unit	5,915	Apr. 3, 1967	28	--	3,060	730	24,200	337	1,310	44,700	1.0	< .4	74,100	10,700	83.3	> 12,000	6.6	
Ordovician System - Ellenburger Group and Cambrian System - Hickory Sandstone																			
30-17-712 ^e	Mobil Oil Corporation	5,882	Jan. 30, 1965	--	328.8	2,063	544	23,906	433	1,816	39,006	--	--	67,983	--	--	--	6.7	
Pennsylvanian System - Palo Pinto Limestone																			
30-17-922 ^h	Nueve Operating Co., Incorporated	4,644	Aug. 29, 1962	--	0.09	5,000	1,530	--	352	1,650	68,100	--	--	116,800	18,800	--	--	7.1	
Pennsylvanian System - Swastika Sandstone																			
29-32-603 ^f	Roark, Hooker and Roark	2,980	Feb. 2, 1965	--	0	--	--	--	--	--	46,000	--	--	--	20,000	--	--	6.8	
30-20-401 ^e	H. L. Albaugh	2,240	May 28, 1963	--	32	--	--	--	--	--	131,000	--	--	--	15,120	--	--	6.7	
Permian System - Coleman Junction Limestone																			
29-32-604 ^h	Crown Central Petroleum Corporation	3,700	Jan. 5, 1967	--	5	1,880	659	19,182	232	3,750	32,000	--	--	57,709	7,400	--	--	6.7	

^d Analysis by Atlas Chemical Co.
^e Analysis by Texas State Department of Health.
^f Analysis by American Cyanamid Co.
^g Analysis by E. I. du Pont de Nemours and Co.
^h Analysis by Mobil Oil Corporation.
ⁱ Analysis by Par-O-Lene Chemical Corporation.
^j Analysis by Stripling Chemical Co.
^k Analysis by Baroid Division of National Lead Co.

Table 11.—Reported Oil-Field Brine Production and Disposal, 1961 and 1967

(Quantities reported in barrels)

AREA ¹	FIELD ²	BRINE PRODUCTION		DISPOSAL INTO PITS		INJECTION INTO WELLS		MISCELLANEOUS DISPOSAL	
		1961	1967	1961	1967	1961	1967	1961	1967
1	Hamlin (Swastika)	121,214	225,110	39,473	0	108,957	225,110	11,784	0
	Hamlin, North (Swastika)	18,760	119,747	5,460	0	0	119,747	13,300	0
	Leather Chairs (Swastika)	24,000	0	0	0	24,000	0	0	0
	Area Total	163,974	344,857	5,933	0	132,957	334,857	25,084	0
2	SLC (Tannehill)	0	32,800	0	0	0	0	0	32,800
	County regular	350	1,231	350	0	0	0	0	1,231
	Area Total	350	34,031	350	0	0	0	0	34,031
3	Culbertson (Strawn)	4,500	2,450	4,500	2,450	0	0	0	0
	East Hamlin	175,662	137,883	38,662	8,705	137,000	123,556	0	5,622
	East Hamlin (Tannehill)	4,460	2,493	4,460	0	0	2,493	0	0
	Riddle (Swastika)	38,805	3,650	0	0	38,805	3,650	0	0
	Area Total	223,427	146,476	47,622	11,155	175,805	129,699	0	5,622
4	Tuxedo (2700' King)	0	9,000	0	0	0	0	0	9,000
	County regular	0	48,000	0	0	0	48,000	0	0
	Area Total	0	57,000	0	0	0	48,000	0	9,000
5	County regular	27,115	0	25,290	0	1,825	0	0	0
	Area Total	27,115	0	25,290	0	1,825	0	0	0
6	Betty Dell (Flippen Lime)	4,672	4,000	4,672	4,000	0	0	0	0
	Hardy	150,015	125,100	0	0	150,015	125,100	0	0
	Area Total	154,687	129,100	4,672	4,000	150,015	125,100	0	0
7	Paday (Gunsight)	2,000	0	0	0	2,000	0	0	0
	Area Total	2,000	0	0	0	2,000	0	0	0
8	Stamford, South (Flippen Lime)	1,825	1,500	1,825	0	0	0	0	1,500
	Area Total	1,825	1,500	1,825	0	0	0	0	1,500

See footnotes at end of table

Table 11.—Reported Oil-Field Brine Production and Disposal, 1961 and 1967—Continued

AREA ¹	FIELD ²	BRINE PRODUCTION		DISPOSAL INTO PITS		INJECTION INTO WELLS		MISCELLANEOUS DISPOSAL	
		1961	1967	1961	1967	1961	1967	1961	1967
9	Strand	548,500	276,305	0	0	548,500	276,305	0	0
	County regular	0	365	0	0	0	365	0	0
	Area Total	548,500	276,670	0	0	548,500	276,670	0	0
10	Avoca	2,148,035	1,166,405	0	0	2,148,035	1,166,405	0	0
	Avoca, North	35,000	0	0	0	35,000	0	0	0
	Avoca (2150' Cisco)	23,993	0	0	0	23,993	0	0	0
	Griffin	1,530,687	2,025,497	0	0	1,530,687	2,025,497	0	0
	Humphrey Gray	167,080	0	0	0	167,080	0	0	0
	County regular	2,479	0	0	0	2,479	0	0	0
	Area Total	3,907,274	3,191,902	0	0	3,907,274	3,191,902	0	0
11	Lueders, South (Bluff Creek)	3,650	0	0	0	3,650	0	0	0
	Lueders, South (Cook Lime)	2,190	0	730	0	1,460	0	0	0
	Lueders, South (King)	96,633	38,855	50,643	0	45,990	38,855	0	0
	Lueders, South (Tannehill)	35,040	27,375	0	0	35,040	27,375	0	0
	Area Total	137,513	66,230	51,373	0	86,140	66,230	0	0
12	County regular	26,640	0	5,040	0	21,600	0	0	0
	Area Total	26,640	0	5,040	0	21,600	0	0	0
13	Herrick (Flippen)	82,500	0	1,000	0	81,500	0	0	0
	Moncrief (King)	42,000	108,000	0	0	42,000	108,000	0	0
	Swan's Chapel (King)	0	1,400	0	0	0	1,400	0	0
	County regular	0	91	0	91	0	0	0	0
	Area Total	124,500	109,491	1,000	91	123,500	109,400	0	0
14	BMW (King Sand)	40,150	5,475	0	0	40,150	5,475	0	0
	Swan's Chapel (King)	43,800	0	0	0	43,800	0	0	0
	Area Total	83,950	5,475	0	0	83,950	5,475	0	0
15	Anson	74,697	284,700	0	0	74,697	284,700	0	0
	Area Total	74,697	284,700	0	0	74,697	284,700	0	0
16	Anson (Flippen Limestone)	100	0	100	0	0	0	0	0
	Anson, North (Cook Sand)	1,000	0	1,000	0	0	0	0	0
	Anson Townsite (Flippen Lime)	790	0	790	0	0	0	0	0
	Jewell (Lower Cook Sand)	350	0	350	0	0	0	0	0
	Area Total	2,240	0	2,240	0	0	0	0	0

See footnotes at end of table

Table 11.—Reported Oil-Field Brine Production and Disposal, 1961 and 1967—Continued

AREA ¹	FIELD ²	BRINE PRODUCTION		DISPOSAL INTO PITS		INJECTION INTO WELLS		MISCELLANEOUS DISPOSAL	
		1961	1967	1961	1967	1961	1967	1961	1967
17	County regular	240	0	240	0	0	0	0	0
	Area Total	240	0	240	0	0	0	0	0
18	BB	553,950	112,570	10,950	0	543,000	112,570	0	0
	Mesquite	28,387	9,000	0	0	28,387	9,000	0	0
	Area Total	582,337	121,570	10,950	0	571,387	121,570	0	0
19	Neianda, West (Cook Sand)	1,825	0	1,825	0	0	0	0	0
	Tiner (Canyon)	1,825	0	1,825	0	0	0	0	0
	Area Total	3,650	0	3,650	0	0	0	0	0
20	Milstead	8,313	0	8,313	0	0	0	0	0
	Milstead (Flippen)	0	47,919	0	6,935	0	40,984	0	0
	Milstead, South (Flippen)	0	25	0	25	0	0	0	0
	County regular	0	25	0	25	0	0	0	0
	Area Total	8,313	47,969	8,313	6,985	0	40,984	0	0
21	Amysears (King)	49,416	64,800	0	0	49,416	64,800	0	0
	Bartlett	188,474	322,659	0	0	188,474	322,659	0	0
	Bartlett, East	105,265	169,190	15,611	182	89,654	169,008	0	0
	Bartlett, South (Swastika)	4,350	0	0	0	4,350	0	0	0
	Bartlett, West (Swastika)	3,600	0	3,600	0	0	0	0	0
	Creslenn (King)	12,410	7,300	0	0	12,410	7,300	0	0
	Creslenn (Lower Strawn)	172,560	87,993	0	0	172,560	50,923	0	37,070
	Creslenn (Swastika)	20,375	281,721	350	0	20,025	281,721	0	0
	Farnsworth	132,495	547,500	23,360	0	109,135	547,500	0	0
	Goat (Swastika)	5,000	7,350	5,000	0	0	7,350	0	0
	Green (Upper Gunsight)	89,057	54,750	1,824	0	87,233	54,750	0	0
	Harrykirk (Cook Sand)	0	2,920	0	2,920	0	0	0	0
	Harrykirk (Flippen)	7,035	2,555	7,035	2,555	0	0	0	0
	Milsap (King)	730	0	730	0	0	0	0	0
	Milsap (Swastika)	5,932	365	5,932	0	0	365	0	0
	Neianda, Southeast (Swastika)	6,935	20,000	6,935	0	0	20,000	0	0
	Poland (Strawn)	902	0	902	0	0	0	0	0
	Poland (Lower Strawn)	54,750	0	0	0	0	0	54,750	0
	Poland (Palo Pinto)	36,500	0	0	0	0	0	36,500	0
	County regular	2,700	43,200	2,700	0	0	43,200	0	0
	Area Total	898,486	1,612,303	73,979	5,657	733,257	1,569,576	91,250	37,070
22	Minter	1,095	0	1,095	0	0	0	0	0
	Area Total	1,095	0	1,095	0	0	0	0	0

See footnotes at end of table

Table 11.—Reported Oil-Field Brine Production and Disposal, 1961 and 1967—Continued

AREA ¹	FIELD ²	BRINE PRODUCTION		DISPOSAL INTO PITS		INJECTION INTO WELLS		MISCELLANEOUS DISPOSAL	
		1961	1967	1961	1967	1961	1967	1961	1967
23	Ashley (3900' Canyon)	3,900	0	3,900	0	0	0	0	0
	Cal-Ham (Palo Pinto)	3,800	0	3,800	0	0	0	0	0
	Noodle (Canyon)	3,660	365	730	365	2,930	0	0	0
	Noodle (Upper Strawn)	4,542	0	4,542	0	0	0	0	0
	Noodle, South (Canyon Sand)	1,095	1,800	1,095	1,800	0	0	0	0
	Noodle, West	0	3,650	0	0	0	3,650	0	0
	Noodle, West (Canyon)	9,600	0	9,600	0	0	0	0	0
	Noodle, West (Noodle Creek)	25,835	7,300	8,705	7,300	17,130	0	0	0
	Noodle, West (Palo Pinto)	24,820	60,225	24,820	2,555	0	57,670	0	0
	Noodle, West (Raven Creek)	0	365	0	0	0	365	0	0
	Noodle, Northwest (3900' Canyon)	1,820	7,306	1,820	0	0	7,306	0	0
	Noodle, Northwest (4000' Canyon)	6,930	7,418	6,930	0	0	7,418	0	0
	Noodle, Northwest (Noodle Creek)	4,000	0	4,000	0	0	0	0	0
	Noodlekirk (Ellenburger)	185,533	0	9,135	0	176,398	0	0	0
	Ravencreek (Canyon)	730	100	0	100	730	0	0	0
	Swan (Saddle Creek)	9,125	70,445	9,125	0	0	70,445	0	0
	County regular	110,774	316,510	7,468	540	100,291	250,270	3,015	65,700
	Area Total	396,164	475,484	95,670	12,660	297,479	397,124	3,015	65,700
24	Huddleston (Lower Strawn)	700	0	700	0	0	0	0	0
	Noodle, North (Lower Cisco)	1,672	243,868	942	0	730	243,868	0	0
	Area Total	2,372	243,868	1,642	0	730	243,868	0	0
25	Truby, North (Strawn)	4,450	0	4,450	0	0	0	0	0
	County regular	2,900	0	2,900	0	0	0	0	0
	Area Total	7,350	0	7,350	0	0	0	0	0
26	Daughtery, East (Bluff Creek)	1,327	365	1,327	365	0	0	0	0
	Triplett	8,030	2,555	8,030	2,555	0	0	0	0
	County regular	2,100	188,340	2,100	0	0	188,340	0	0
	Area Total	11,457	191,260	11,457	2,920	0	188,340	0	0
27	County regular	3,960	3,959	3,960	3,959	0	0	0	0
	Area Total	3,960	3,959	3,960	3,959	0	0	0	0
28	Fragosa	20,240	0	0	0	20,240	0	0	0
	Area Total	20,240	0	0	0	20,240	0	0	0
29	Dorsey (Gunsight)	0	730	0	730	0	0	0	0
	Hattchett (Cook)	365	1,095	365	0	0	1,095	0	0

See footnotes at end of table

Table 11.—Reported Oil-Field Brine Production and Disposal, 1961 and 1967—Continued

AREA ¹	FIELD ²	BRINE PRODUCTION		DISPOSAL INTO PITS		INJECTION INTO WELLS		MISCELLANEOUS DISPOSAL	
		1961	1967	1961	1967	1961	1967	1961	1967
	Hattchett (Flippen)	0	59,805	0	0	0	59,805	0	0
	Hattchett (Gunsight)	6,300	5,475	6,300	0	0	5,475	0	0
	Hattchett (Hope)	20,075	0	20,075	0	0	0	0	0
	Hattchett (Lower Hope)	15,200	60,658	15,200	0	0	60,658	0	0
	Hawley	43,070	14,050	43,070	14,052	0	0	0	0
	Shinnery (Flippen)	180	240	0	0	180	240	0	0
	County regular	367,693	331,092	6,684	182	360,992	330,910	17	0
	Area Total	452,883	473,147	91,694	14,964	361,172	458,183	17	0
30	Doty (Bluff Creek)	463,212	701,000	0	0	463,212	701,000	0	0
	Doty (King)	27,740	12,302	0	0	27,740	12,302	0	0
	Lewis-Steffens	1,532,503	318,539	3,835	8,250	1,528,668	200,689	0	109,600
	Robertson-Reynolds (Gunsight)	405	0	405	0	0	0	0	0
	County regular	1,054,513	917,735	4,041	2,075	1,050,472	915,660	0	0
	Area Total	3,078,373	1,949,576	8,281	10,325	3,070,092	1,829,651	0	109,600
31	County regular	1,095,947	378,432	11,509	0	1,082,121	325,507	2,317	52,925
	Area Total	1,095,947	378,432	11,509	0	1,082,121	325,507	2,317	52,925
32	Strole (Cook Sand)	28,300	9,960	0	0	28,300	9,960	0	0
	Strole (Palo Pinto)	1,510	2,100	1,510	0	0	2,100	0	0
	County regular	14,470	34,800	14,470	700	0	34,100	0	0
	Area Total	44,280	46,860	15,980	700	28,300	46,160	0	0
33	Abkirk (Tannehill)	110,595	217,200	0	0	110,595	217,200	0	0
	County regular	109,100	193,450	1,100	0	108,000	193,450	0	0
	Area Total	219,695	410,650	1,100	0	218,595	410,650	0	0
34	Flo-Mar (Cook)	40,150	47,450	0	0	40,150	47,450	0	0
	Flo-Mar (Tannehill)	2,730	0	0	0	2,730	0	0	0
	Sayles	446,710	4,706,971	360	0	446,350	4,706,971	0	0
	County regular	15,303	23,683	4,313	3	10,990	23,315	0	365
	Area Total	504,893	4,778,104	4,673	3	500,220	4,777,736	0	365
35	Montgomery (Saddle Creek)	18,250	54,750	0	0	18,250	54,750	0	0
	Montgomery (Tannehill)	161,600	93,472	0	0	161,600	93,472	0	0
	Area Total	179,850	148,222	0	0	179,850	148,222	0	0

See footnotes at end of table

Table 11.—Reported Oil-Field Brine Production and Disposal, 1961 and 1967—Continued

AREA ¹	FIELD ²	BRINE PRODUCTION		DISPOSAL INTO PITS		INJECTION INTO WELLS		MISCELLANEOUS DISPOSAL	
		1961	1967	1961	1967	1961	1967	1961	1967
36	County regular	197	930	197	930	0	0	0	0
	Area Total	197	930	197	930	0	0	0	0
37	Akard	324,485	0	0	0	324,485	0	0	0
	Hart	6,113	0	6,113	0	0	0	0	0
	County regular	17,000	0	0	0	17,000	0	0	0
	Area Total	347,598	0	6,113	0	341,485	0	0	0
38	Reddin	700	629,815	0	0	700	629,815	0	0
	Wimberly	7,325	52,850	1,825	0	5,500	52,850	0	0
	Wimberly (Flippen Sand)	107,400	15,000	0	0	107,400	15,000	0	0
	Wimberly (Gunsight)	261,300	100,800	0	0	261,300	100,800	0	0
	Wimberly (Lower Hope)	162,000	23,000	0	0	162,000	23,000	0	0
	Wimberly (Upper Hope)	7,600	0	0	0	7,600	0	0	0
	County regular	54,750	5,400	0	0	54,750	5,400	0	0
	Area Total	601,075	826,865	1,825	0	599,250	826,865	0	0
	39	County regular	1,237	185,600	1,237	0	0	185,600	0
Area Total		1,237	185,600	1,237	0	0	185,600	0	0
40	Ball-Kuehn (Strawn)	185,656	109,500	3,650	0	182,006	109,500	0	0
	Ball-Kuehn (Lower Strawn)	1,000	0	0	0	1,000	0	0	0
	Diana (Swastika)	27,558	151,475	548	0	27,010	151,475	0	0
	Horton (Cisco)	14,199	3,486	14,199	0	0	3,486	0	0
	Largent	6,935	0	6,935	0	0	0	0	0
	Largent, West (Strawn)	13,615	6,497	13,615	0	0	6,497	0	0
	Mead (Strawn)	3,490	254,180	3,490	20	0	254,160	0	0
	Mead, Southeast (Gunsight)	44,400	5,642	44,400	0	0	5,642	0	0
	Mead, Southeast (3rd Swastika)	26,475	16,200	5,475	0	21,000	16,200	0	0
	Mead-Moore, Southeast (Swastika)	12,900	0	12,900	0	0	0	0	0
	Noodle, Central	97,175	164,685	38,300	0	58,875	164,685	0	0
	Noodle, Central (Flippen Sand)	2,100	0	2,100	0	0	0	0	0
	Noodle, Central (Flippen Lime)	5,292	0	0	0	5,292	0	0	0
	Noodle (Ellenburger)	0	52,925	0	0	0	0	0	52,925
	Noodle, East (Ellenburger)	1,454	930	730	0	724	930	0	0
	Noodle, East (Strawn)	1,551	1,080	1,551	1,080	0	0	0	0
	Noodle (Reef Lime)	35,624	40,515	0	0	35,624	40,515	0	0
	Noodle, South	50,630	6,935	0	0	50,630	6,935	0	0
	Noodle, South (Lower Hope)	6,286	0	0	0	6,286	0	0	0
	Pitzer	72,780	100,991	26,510	0	46,270	100,991	0	0
	Pitzer (5100' Sand)	0	3,960	0	0	0	3,960	0	0
	Stanley	27,731	26,000	731	0	27,000	26,000	0	0
Stanley (Lower Cisco)	500	13,680	0	0	500	13,680	0	0	

See footnotes at end of table

Table 11.—Reported Oil-Field Brine Production and Disposal, 1961 and 1967—Continued

AREA ¹	FIELD ²	BRINE PRODUCTION		DISPOSAL INTO PITS		INJECTION INTO WELLS		MISCELLANEOUS DISPOSAL	
		1961	1967	1961	1967	1961	1967	1961	1967
	Stanley (4750' Fry)	0	7,000	0	0	0	7,000	0	0
	Stanley, East (Strawn)	365	0	365	0	0	0	0	0
	Stanley, North (Upper Strawn)	730	0	730	0	0	0	0	0
	Stanley, West (King)	4,590	0	4,590	0	0	0	0	0
	Stanley, West (Swastika)	1,800	0	1,800	0	0	0	0	0
	Truby (Palo Pinto)	70,437	7,328	0	0	70,437	7,328	0	0
	Truby (Strawn)	10,516	279,785	4,781	1,800	5,475	277,985	260	0
	County regular	142,128	185,965	22,075	1,095	120,053	184,870	0	0
	Area Total	867,917	1,438,759	209,475	3,995	658,182	1,381,839	260	52,925
41	Stith	5,840	0	0	0	5,840	0	0	0
	County regular	3,750	0	3,750	0	0	0	0	0
	Area Total	9,590	0	3,750	0	5,840	0	0	0
	Total Jones County	14,817,891	17,980,990	719,485	78,344	13,976,463	17,533,908	121,943	368,738
	Percent of Total	100%	100%	4.9%	0.4%	94.3%	97.5%	0.8%	2.1%

¹ Areas shown on Figure 33.

² Oil or gas fields as assigned by the Railroad Commission of Texas.

Table 12.—Oil and Gas Tests Selected as Data-Control Points

(For location of wells, see Figure 35.)

<u>WELL</u>	<u>OPERATOR</u>	<u>LEASE NAME AND WELL NUMBER</u>	<u>SURVEY AND SECTION NUMBER</u>
29-08-406	Texas Pacific Coal and Oil Company	A. W. Gray No. 1	BBB&C RR, Block 1, Section 176
808	Arnold and Olga Barrett et al.	Fred B. Moore No. 1	MEPP
905	White Eagle Oil Company	W. B. Teague No. 1	Austin and Williams, League 339, Subdivision 30
16-303	Cranfield and Reynolds	Stephens No. 1	McMullen and McGloin, League 337
24-104	Roeser and Pendleton Company	H. O. Cassel No. 1	Goliad County School Land, League 360
407	Humble Oil and Refining Company	J. S. Richards et al.	A. Cain, Block 214
408	United States Smelting Refining and Mining Company	Minter No. 1	SPRR, Block 2, Section 39
911	Texas Pacific Coal and Oil Company	D. O. Huddleston No. 1-A	J. W. B. McFarland, Block 210
32-215	Sinclair-Prairie	M. J. Williams No. 1	T&P, Block 18, Section 40
310	Roark-Hooker, and Roark	L. R. Cade No. 3	DeWitt County School Land, League 150
507	Cardinal Oil Company	Priscilla Williamson No. 1	T&P, Block 18, Section 31
30-01-702	Woodley Petroleum Company	G. R. Riddle No. 1	GH&H RR, Block 2, Section 1
802	Humble Oil and Refining Company	W. C. Johnson No. 1	BBB&C RR, Block 1, Section 92
910	Harrison and Childress	J. H. Austin No. 1-A	BBB&C RR, Block 1, Section 50
02-610	R. B. Farris et al.	I. M. Nowlin No. 2	BBB&C RR, Block 1, Section 3
716	The Texas Company	W. W. Mayfield No. 1	Deaf and Dumb Asylum Land, Section 2
03-403	Hunter and Hunter	Bettis No. 1	TCRR, Section 2
404	Travers Petroleum Corporation et al.	Swanson and Swanson No. 1	BBB&C RR, Block 1, Section 184
705	West Central Drilling Company et al.	Humphrey No. 1	HT&C, Block 4, Section 2
902	Humble Oil and Refining Company	J. W. Hollums No. 19	BBB&C RR, Block 1, Section 190
903	King Oil Company	W. A. Olson No. 1	BBB&C RR, Block 1, Section 189
904	Fain-McGaha	A. E. Olson No. 1	BBB&C RR, Block 1, Section 189
10-306	Gulf Plains Corporation	W. C. Leavitt No. 1	D&DA, Section 23
601	E. C. Brown	T. B. Harrell No. 3	OAL, Section 3
827	Transcal Drilling	Sprayberry No. 1	OAL, Section 17
17-222	Sedgwick Oil and Gas Company	Brown No. 1	T&NO, Block 1, Section 9
341	F. W. Martin et al.	B. N. Herndon No. 1	MEP&P RR, Block 1, Section 1
342	Campbell and Ellzey	E. Nevills No. 1	MEP&P RR, Block 1, Section 2
343	E. P. Campbell	Herndon No. 2	MEP&P RR, Block 1, Section 6
515	Alder	Herndon No. 2	SP, Block 2, Section 19

Table 12.—Oil and Gas Tests Selected as Data-Control Points—Continued

WELL	OPERATOR	LEASE NAME AND WELL NUMBER	SURVEY AND SECTION NUMBER
30-17-624	Campbell	Berry No. 1	SP, Block 2, Section 15
716	Magnolia Petroleum Company	Rex Smith No. 6	H. Virm, Block 263
923	K. O. and T. O. Company	Ella Duke No. 1	T&P RR, Block 15, Section 20
18-249	Fisher and Stoker	Mollie Roberts No. 1	OAL, Section 37
250	L. A. Hendrick et al.	W. D. Baker No. 1	OAL, Section 36
251	Gwynn and Overby	W. D. Baker No. 1	OAL, Section 36
337	Fain-McGaha Oil Corporation	J. H. Wheeler et al. No. 1	OAL, Section 55
338	Texas Inland and Ungren-Frazier	R. G. Rowell No. 1	OAL, Section 37
339	Sinclair-Stebbins	R. R. Scott No. 1	OAL, Section 38
427	R. C. Parker	C. L. Brown No. 1	T&NO, Block 2, Section 9
536	Callihan	J. J. Steele No. 1	T&P RR, Block 15, Section 11
537	Ungren-Frazier et al.	J. Garland No. 1	T&P RR, Block 15, Section 12
538	Ungren-Frazier et al.	J. J. Steele No. 1	T&P RR, Block 15, Section 11
539	Shapell Oil Company	J. J. Steele	T&P RR, Block 15, Section 10
622	S. C. Herring	B. L. Ellis No. 1	T&P RR, Block 15, Section 8
713	Shaheen and Duffey	King No. 1	M. Bueno, Block 196, Subdivision 19
714	Mountray Oil et al.	G. M. Nugent No. 1	T&P RR, Block 15, Section 23
811	Ungren-Frazier	S. A. Kelley No. 2	T&P RR, Block 15, Section 43
812	Fain-McGaha	M. M. Minter No. 1	R. Smith, Survey 192, Lot 12
813	E. P. Campbell	W. R. Minter No. 1	T&P RR, Block 15, Section 26
910	J. E. Connally Oil Company et al.	Josie Shanks No. 1	Robert Smith, Survey 192
18-911	Brown Eagle and Kleiner	Mrs. E. Haynes No. 2	Samuel Andrews, Block 191
912	J. Bureson et al.	T. J. Lotspeich No. 1	T&P RR, Block 15, Section 40
913	Falls Refining	R. L. Harris No. 1	T&P RR, Block 15, Section 47
19-109	Nugent	A. U. Wilson	T&NO RR, Block 2, Section 1
110	Kouri et al.	J. C. Fielder No. 1	T&NO RR, Block 2, Section 2
414	Baldrige	—	T&P RR, Block 15, Section 31
415	Danciger Oil and Refining	H. E. Roberts No. 2	T&P RR, Block 15, Section 37
416	Fain-McGaha	W. H. Daughtry No. 1	T&P RR, Block 15, Section 37
417	Byram et al.	Jones No. 1	T&P RR, Block 15, Section 5
418	Owen-Snebold et al.	A. Rhodes No. 1	T&P RR, Block 15, Section 31
419	Roeser and Pendleton	Badgett No. 1	T&P RR, Block 15, Section 5
420	Danciger Oil and Refineries Incorporated	S. A. Edmonds No. 1	T&P RR, Block 15, Section 37
421	Danciger Oil and Refineries Incorporated	S. A. Edmonds No. 2	T&P RR, Block 15, Section 37
720	Shaheen and Big 6	P. L. Tilford No. 1	T&P RR, Block 15, Section 49
818	Percy Jones	Nana D. Newton No. 1	J. Halfpenny, Survey 139
25-310	Onyx Oil Company	Burton No. 1	W. S. Brown, Survey 255

Table 12.—Oil and Gas Tests Selected as Data-Control Points—Continued

<u>WELL</u>	<u>OPERATOR</u>	<u>LEASE NAME AND WELL NUMBER</u>	<u>SURVEY AND SECTION NUMBER</u>
30-26-226	R. B. Farris and L. Fikes et al.	Guitar Trust estate No. 1	T&P RR, Block 15, Section 44
227	Danciger Oil and Refineries Incorporated	Guitar Trust estate No. 1	T&P RR, Block 15, Section 44
333	J. C. Hunter, Jr.	Minter No. 1-C	Robert Smith, Survey 192
334	Beam and Hammer	Shepard No. 1	Robert Smith, Survey 192
335	Kleiner and Brown Eagle	Bert Fields No. 2-A	Samuel Andrews, Survey 191
406	T. O. Shapell et al.	B. A. Stephenson No. 1	T&P RR, Block 16, Section 7
505	Clark H. Boyles and George W. Deck	J. O. Radford No. 1	T&P RR, Block 16, Section 20
801	Sid Katz Exploration and Rockhill Oil Corporation	L. E. McKee No. 1	T&P RR, Block 16, Section 22
27-155	Hines and Hilburn	Young No. 1	D. Bustilos, Survey 189
156	T. D. Humphrey	N. D. Newton No. 2	J. Halfpenny, Survey 139
203	Allison and Prestridge	H. S. Neas No. 1	P. Gossell, Survey 7
623	Rock Hill Oil Company	D. M. Myatt No. 1	Blind Asylum Lands No. 1