

**Table 16. - Records of Wells
COMANCHE COUNTY - 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				
41-04-505	R. H. Skurlock	Harris Drilling Co.	1966	114	8	114	Kctp	1,280	--	--	S,E 5	Irr	Slotted from 38 to 48 feet, 56 to 66 feet and 92 to 114 feet. Gravel packed. ⁴	
506	do	do	1966	113	8	113	Kctp	1,282	--	--	S,E 7 1/2	Irr	Slotted from 18 to 25 feet, and 40 to 45 feet, 60 to 65 feet and 96 to 113 feet. Reported yield 80 gal/min. Gravel packed. ⁴	
507	Larry Don Sears	Wilmer Ocie Davis	1968	137	8	137	Kctp	1,318	46.2	May, 6, 1970	S,E 15	Irr	Slotted from 46 to 137 feet. Measured yield 56.2 gal/min. Pumping level 110 feet at 230 gal/min, when drilled. Gravel packed. ^{2, 4}	
508	do	do	1968	222	8	222	Kctp	1,318	47	Dec. -- 1968	S,E 5	Irr	Slotted from 47 to 222 feet. Gravel packed. Temp 70°F.	
509	R. H. Skurlock	Harris Drilling Co.	1966	127	8	127	Kctp	1,300	35	June 23, 1966	S,E 7 1/2	Irr	Slotted from 35 to 127 feet. Gravel packed.	
510	Jim Shaw	do	1970	127	7	127	Kctp	1,295	60	July 2, 1970	S,E 5	Irr	Slotted from 60 to 75 feet and 95 to 127 feet. Cemented from 50 to 60 feet. Reported yield 100 gal/min. Gravel packed.	
511	Larry Don Sears	Wilmer Ocie Davis	1967	161	8	161	Kctp	1,320	60	May 8, 1967	S,E 7 1/2	Irr	Slotted from 60 to 130 feet. Pump set at 140 feet. Pumping level 120 feet at 150 gal/min, when drilled. Reported yield 110 gal/min. Gravel packed. ²	
512	Billy Bradshaw	Harris Drilling Co.	1970	105	5	105	Kctp	1,330	30	Nov. 23, 1970	S,E 2	Irr	Perforated from 30 to 50 feet and 75 to 105 feet. Reported yield 40 gal/min. Temp 69°F.	
601	Rhea T. Hoff	Hoff Irrigation Co.	1934	125	8	50	Kctp	1,285	50	Nov. 16, 1959	T,E 5	Irr	Pump set at 110 feet. Reported yield 75 gal/min.	
602	do	do	--	130	7	73	Kctp	1,245	52.8	Mar. 7, 1972	T,E 5	Irr	Open hole from 73 to 130 feet. Pump set at 110 feet. Reported yield 100 gal/min.	
603	do	do	1954	130	0	0	Kctp	1,268	39.3	Mar. 27, 1969	T,E 5	Irr	Open hole completion. Reported yield 65 gal/min. Observation well. ³	
604	do	do	1963	86	8	43	Kctp	1,282	21.9	July 12, 1965	T,E 3	Irr	Open hole from 43 to 86 feet. Pump set at 65 feet. Reported yield 150 gal/min.	
605	Ogden Fritts	Harris Drilling Co.	1967	130	8	80	Kcho	1,315	55.6	Apr. 9, 1971	S,E 5	Irr	Open hole from 80 to 130 feet. Pump set at 127 feet. Reported yield 100 gal/min. Cemented from 40 to 50 feet.	
606	Ogden Fritts	Harris Drilling Co.	1967	145	8	76	Kctp	1,310	62.3	Apr. 9, 1971	S,E 5	Irr	Open hole from 76 to 145 feet. Pump set at 142 feet. Cemented from 30 to 45 feet. Reported yield 100 gal/min. Temp 68°F.	
607	do	do	1967	143	8	111	Kctp	1,322	76	Apr. 5, 1967	S,E 5	Irr	Open hole from 111 to 143 feet. Pump set at 140 feet. Pump set at 140 feet. Cemented from 30 to 60 feet. Reported yield 165 gal/min.	
608	do	do	1967	132	8	88	Kctp	1,317	75	Apr. 15, 1967	S,E 5	Irr	Open hole from 88 to 132 feet. Pump set at 129 feet. Cemented from 30 to 50 feet. Reported yield 100 gal/min.	
609	John Reid	W.O. Davis Drig. and Pump Service	1970	130	8	130	Kctp	1,270	58.1	Apr. 14, 1971	S,E 5	Irr	Slotted from 65 to 130 feet. Pump set at 128 feet. Pumping level 110 feet at 150 gal/min, when drilled. Gravel packed.	
610	Kenneth Sears	do	1968	135	8	135	Kctp	1,260	41.5	do	S,E 3	Irr	Slotted. Pump set at 133 feet. Reported yield 35 gal/min. Pumping level 110 feet at 275 gal/min, when drilled.	
611	do	do	1969	130	8	130	Kctp	1,260	40	Mar. 2, 1968	N	Irr	Slotted. Pumping level 110 feet at 290 gal/min, when drilled. Gravel packed. ²	
612	do	do	1969	131	8	131	Kcho	1,250	89	Jan. -- 1969	S,E 7 1/2	Irr	Slotted. Pump set at 129 feet. Pumping level 110 feet at 135 gal/min, when drilled. Gravel packed.	
613	do	do	1969	119	8	119	Kche	1,243	33.6	Apr. 14, 1971	S,E 5	Irr	Slotted from 20 to 119 feet. Pump set at 117 feet. Pumping level 90 feet at 85 gal/min, when drilled. Gravel packed.	
614	L. M. Boyd	Harris Drilling Co.	1971	123	7	123	Kctp	1,300	42	Mar. 25, 1971	S,E 5	Irr	Slotted from 63 to 123 feet. Reported yield 80 gal/min. Gravel packed.	
615	Charlie Clark	do	1971	120	7	120	Kcho	1,250	60	June 9, 1971	S,E 5	Irr	Slotted from 80 to 120 feet. Reported yield 130 gal/min. Gravel packed.	
701	Comanche Public School	Hoff Irrigation Co.	1951	88	7	88	Kche	1,372	25.8 26	July 6, 1965 Mar. 26, 1969	S,E 1	Irr	Completed from 32 to 52 feet and 73 to 83 feet. Estimated yield 50 gal/min. Pumping level 33.80 feet on July 19, 1971. Temp 71°F. Observation well. ^{3, 6}	
702	Gore Dairy	Holdridge Drig. Co.	1966	210	8	210	Kctp	1,427	83.4	May 7, 1970	S,E	Irr	Slotted from 110 to 200 feet. Reported yield 160 gal/min. Gravel packed. Temp 68°F.	
703	do	do	1966	180	8	180	Kctp	1,405	--	--	S,E	Irr	Slotted from 90 to 172 feet. Reported yield 110 gal/min. Gravel packed.	
801	Ed Burdette	George Bolton	1953	138	8	138	Kctp	1,370	39.5 38.5	Oct. 20, 1959 June 22, 1966	J,E 1	S	Completed from 81 to 138 feet. Reported yield 150 gal/min. Temp 70°F.	

See footnotes at end of county.

**Table 16. - Records of Wells
COMANCHE COUNTY - 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)	Water level				Date of measurement				
41-04-802	L.G. Holland	Hoff Irrigation Co.	1953	94	6	94	Kctp	1,290	65		Dec. 8, 1959	J.E	D,S	Slotted from 50 to 60 feet, 90 to 125 feet, and 129 to 146 feet. Pump set at 148 feet. Reported yield 150 gal/min. Measured yield 14.7 gal/min. Gravel packed. Temp 74°F. ^{4,6}	
• 803	W.D. Chapman	Comcco Drilling Co.	1967	155	8	155	Kctp	1,321	38		May 6, 1970	S.E 3	Irr	Slotted from 75 to 120 feet and 160 to 180 feet. Cemented from 10 to 70 feet. Estimated yield 50 gal/min. Gravel packed. Temp 68°F.	
• 804	Gore Dairy	Harris Drilling Co.	1970	208	5	180	Kctp	1,387	--		--	S,E	Ind	Perforated from 100 to 140 feet. Pump set at 130 feet. Reported yield 70 gal/min. Gravel packed. Completed from 70 to 207 feet. Pump set at 200 feet. Reported yield 140 gal/min. Completed from 0 to 180 feet. Reported yield 175 gal/min.	
• 805	Harold Hurst	F&F Drig. Co.	1968	140	8	140	Kcho	1,287	40		Dec. 12, 1968	T,E 10	Irr	Completed from 70 to 207 feet. Pump set at 200 feet. Reported yield 140 gal/min.	
901	Floyd Prather	Steward Drilling Co.	1955	207	14	207	Kctp	1,326	61.8		July 7, 1965	S,E 7 1/2	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
902	do	do	--	180	14	180	Kctp	1,318	30		Oct. 20, 1959	T,E 10	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
• 903	Jerry Conway	Harris Drilling Co.	1970	186	8	186	Kctp	1,310	30.1		July 7, 1965	S,E	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
904	B.C. York	do	1970	116	8	116	Kctp	1,270	40		Apr. 15, 1970	S,E 10	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
• 905	McCoy Bradshaw	do	1971	127	5	27	Kctp	1,465	--		Sept. 27, 1972	S,E 2 ¹	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
• 906	Brady York	Steward Drilling Co.	1965	119	8	119	Kctp	1,272	43		Sept. 27, 1972	S,E 15	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
• 05-102	U.S. Army Corps of Engineers	Jones Drilling Co.	1964	80	--	--	Kctp	1,175	51		Oct. 26, 1964	--	P	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
• 103	do	do	1964	93	--	--	Kctp	1,210	66		Oct. 23, 1964	--	P	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
• 104	do	do	1964	84	--	--	Kctp	1,200	37		Oct. 26, 1964	--	P	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
• 105	do	J.L. Myers Sons	1961	110	8	88	Kcho	1,210	51		Mar. 27, 1969	S,E	P	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
202	John Croft	Steward Drilling Co.	1964	100	6	100	Kctp	1,190	36.7		July 30, 1965	S,E	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
203	L.O. Sturkie	do	1955	104	12	104	Kctp	1,202	24.5		Mar. 27, 1969	S,E 5	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
204	Joe Dorsey	N.L. Box Drilling Contractor	1959	97	8	87	Kctp	1,185	21		Jan. 19, 1960	T,E 5	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
205	Ray Carleton	do	--	--	5	--	Kctp	1,240	24.3		Mar. 27, 1969	S,E 3	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
206	Bob Brannon	Hoff Irrigation Co.	1955	106	8	106	Kctp	1,212	40		July 9, 1965	T,E 5	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
207	do	do	1956	106	8	106	Kctp	1,212	40		do	T,E 5	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
• 208	Fred Rackley	George Bolton	1963	124	8	124	Kctp	1,191	26.1		June 22, 1966	S,E 5	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
209	Ben Clement	J.T. Brown Water Well Driller	--	150	7	150	Kctp	1,220	60.5		July 30, 1965	S,E	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
210	Mary Kay Hamlett	Lightfoot and McCrum	1965	125	8	125	Kctp	1,155	48.2		June 27, 1966	S,E 5	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
211	do	do	1965	126	8	126	Kctp	1,155	35		Aug. 4, 1965	S,E 5	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
212	Ray Carleton	Doc McMillan Water Wells	1964	136	8	136	Kctp	1,240	--		Aug. 9, 1965	S,E 5	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
213	Ray Carleton	Doc McMillan Water Wells	1964	142	8	142	Kctp	1,240	--		--	S,E 3	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	
214	Joe Dorsey	Holdridge Drilling Co.	1966	105	8	105	Kctp	1,191	22.9		June 21, 1966	S,E 7 1/2	Irr	Completed from 0 to 180 feet. Reported yield 175 gal/min.	

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COMANCHE COUNTY - 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	Water level			
41-05-215	James L. Rackley	do	1966	105	8	105	Kcip	1,202	22.7	May 8, 1970	S,E 3	Irr	Slotted from 35 to 65 feet and 76 to 97 feet. Pump set at 100 feet. Gravel packed.	
216	do	do	-	125	8	125	Kcip	1,205	-	-	S,E 5	Irr	Slotted from 50 to 65 feet and 82 to 115 feet. Pump set at 100 feet. Pumping level 120 feet at 80 gal/min. when drilled. Gravel packed.	
217	Paul B. Hornburg	W.O. Davis Drilling and Well Service	1966	140	8	140	Kcip	1,235	66	Nov. 26, 1969	S,E 7 1/2	Irr	Perforated from 52 to 140 feet. Pump set at 126 feet. Reported yield 90 gal/min. Pumping level 120 feet at 135 gal/min. when drilled. Gravel packed. ²	
218	R.P. Carter	Harris Drilling Co.	1966	145	8	145	Kcip	1,235	44.3	May 8, 1970	N	Irr	Slotted from 47 to 62 feet, 75 to 86 feet, 93 to 100 feet, 114 to 118 feet and 130 to 145 feet. Cemented from 30 to 40 feet. Pumping level 142 feet at 90 gal/min. when drilled. Gravel packed. ^{1,2}	
219	Douglas Collingsworth	J. Brown	1966	140	5	140	Kcip	1,270	72	Oct. 6, 1966	S,E 1 1/2	Ind D,S	Slotted from 65 to 128 feet. Pump set at 120 feet. Cemented from 28 to 40 feet. Reported yield 24 gal/min. Gravel packed. Temp 69°F.	
220	Paul B. Hornburg	W.O. Davis Drilling and Pump Service	1967	137	8	137	Kcip	1,235	57.5	Nov. 26, 1969	S,E 7 1/2	Irr	Slotted. Reported yield 120 gal/min. Pumping level 120 feet at 140 gal/min. when drilled. Gravel packed. ²	
221	George Cattle	A.L. Hoester	1967	113	8	113	Kcip	1,195	60	Jan. 13, 1967	S,E 10	Irr	Slotted from 60 to 106 feet. Pump set at 100 feet. Reported yield 225 gal/min.	
222	Bill Evans	W.O. Davis Drilling and Pump Service	1971	160	10	160	Kcho	1,230	-	-	T,E 30	Irr	Slotted from 110 to 160 feet. Pump set at 155 feet. Reported yield 300 gal/min. Gravel packed.	
223	Douglas Collingsworth	Westmoreland Drfg. Co.	1970	185	8	185	Kcip	1,250	50	Nov. 29, 1970	T,G	Irr	Slotted from 75 to 115 feet and 165 to 178 feet. Pump set at 175 feet. Pumping level 115 feet at 200 gal/min. when drilled. Gravel packed.	
401	C.C. Craig	Holdridge Drfg. Co.	1966	115	8	115	Kcho	1,218	53.4	Sept. 9, 1971	S,E 7 1/2	Irr	Slotted from 64 to 105 feet. Reported yield 110 gal/min. 41-05-402 pumping test observation well. Gravel packed.	
402	do	do	1966	110	8	110	Kcho	1,210	42.7	May 7, 1970	S,E 10	Irr	Slotted from 64 to 103 feet. Reported yield 146 gal/min. Pumping level 75-56 feet at 120 gal/min. on Sept. 21, 1971. Power and yield test. Pumping test. Temp 69°F. Gravel packed.	
403	Karl O. Elliott	do	1966	150	8	150	Kcip	1,262	33.5	do	S,E 5	Irr	Slotted from 37 to 56 feet, 95 to 103 feet and 120 to 143 feet. Reported yield 12 gal/min. Gravel packed.	
404	R.E. White	do	1966	80	8	80	Kcip	1,180	20.3	May 6, 1970	J,E 5	Irr	Slotted from 42 to 72 feet. Cemented to 20 feet. Pump set at 70 feet. Pumping level 60 feet at 135 gal/min. when drilled. Gravel packed. Temp 65°F. ²	
405	do	Harris Drfg. Co.	1963	63	7	63	Kcip	1,170	19.4	do	J,E 3/4	Irr	Slotted from 43 to 63 feet. Cemented to 20 feet. Pump set at 62 feet. Gravel packed. Temp 69°F.	
406	E.W. Bruner	W.O. Davis Drilling and Well Service	1969	68	5	68	Kcip	1,190	29.9	Feb. 10, 1971	J,E 3/4	D,S	Perforated from 32 to 68 feet. Gravel packed.	
407	C.C. Craig	Texas Water Development Board	1971	112.6	N	N	Kcho	1,210	43	Sept. 13, 1971	N	N	Slotted from 63.4 to 105.6 feet. Observation well. ^{1,5}	
408	do	do	1971	109.6	N	N	Kcho	1,210	46.4	do	N	N	Slotted from 60.7 to 109.6 feet. Observation well. ^{1,5}	
409	do	do	1971	110.8	N	N	Kcho	1,208	46	do	N	N	Slotted from 48.2 to 110.8 feet. Observation well. ^{1,5}	
410	Mrs. Colton	Harris Drilling Co.	1971	78	5	78	Kcip	1,197	50	June 22, 1971	S,E	Irr	Perforated from 58 to 78 feet. Cemented from 25 to 40 feet. Pump set at 75 feet. Estimated yield 50 gal/min. Gravel packed. Temp 69°F.	
501	D. Kerley	Hoff Irrigation Co.	-	171	-	158	Kcho	1,201	-	-	3 N	N	Perforated from 117 to 136 feet. Cemented at surface. Reported yield 40 gal/min. Originally drilled as oil test.	
502	R.W. Evans	Curtis Alford Drilling and Well Service	1957	140	12 7	132 140	Kcip	1,185	78 65	Nov. 4, 1959 July 1, 1965	T,E 5	Irr	Gravel packed to 100 feet. Perforated from 68 to 128 feet. Pump set at 125 feet. Reported yield 85 gal/min. Pumping level 85.0 feet at 56.5 gal/min. on Aug. 2, 1966. Gravel packed. Temp 74°F. ⁴	
503	Irvin Dunn	George Bolton	1963	156	8	156	Kcip	1,230	39.2 40.7	July 9, 1965 Mar. 27, 1969	S,E 7 1/2	Irr	Completed from 66 to 156 feet. Pump set at 145 feet. Reported yield 150 gal/min. Measured yield 218.1 gal/min. on Aug. 2, 1966. Gravel packed. Temp 70°F. Observation well. ^{3,4,6}	
504	do	W.O. Davis Drilling and Pump Service	1970	169	8	169	Kcip	1,220	42	July -- 1970	S,E	Irr	Slotted from 40 to 50 feet and 145 to 169 feet. Pumping level 110 feet at 130 gal/min. when drilled. Gravel packed.	
505	Barnes and Sudderth	Westmoreland Drfg. Co.	1971	150	8	150	Kcho	1,210	20	Apr. 20, 1971	S,E 10	Irr	Slotted from 88 to 138 feet. Pump set at 138 feet. Pumping level 118 feet at 150 gal/min. when drilled. Gravel packed. Temp 68°F. ²	
506	Irvin Dunn	-	1946	40	42	-	Kche	1,220	-	-	J,E 1	D	Dug well. Temp 68°F.	

See footnotes at end of county.

**Table 16. - Records of Wells
COMANCHE COUNTY - 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			
41-05-507	E.V. McCarty	Westmoreland Drig. Co.	1971	198	8	120	Kcho	1,203	69.9	July 6, 1972	N	Irr	Slotted from 90 to 110 feet. Pumping level 140 feet at 80 gal/min. when drilled. Gravel packed. ²	
• 601	C.G. Searcy	Harris Drig. Co.	1969	195	8	182	Kcjp	1,220	65	June 26, 1969	T,D	Irr	Slotted from 60 to 182 feet. Cemented from 20 to 30 feet. Estimated yield 175 gal/min. Gravel packed. Temp 71°F.	
• 602	D.W. Birdwell	W.O. Davis Drilling and Pump Service and Johnny Weir Water Well Drilling.	1968	228	6	228	Kcjp	1,265	72.1	Apr. 13, 1971	S,E	D	Slotted from 71 to 188 feet and 200 to 226 feet. Gravel packed.	
• 603	do	do	1970	234	8	234	Kcjp	1,265	--	--	T,D	Irr	Pump set at 233 feet. Estimated yield 300 gal/min. Gravel packed. Temp 70°F.	
• 604	Tommy Moore	Westmoreland Drig. Co.	1971	255	8	255	Kcjp	1,260	105	Apr. 22, 1971	T,G	Irr	Slotted from 105 to 140 feet and 225 to 245 feet. Pump set at 245 feet. Reported yield 320 gal/min. Measured yield 560 gal/min. on July 7, 1972. Gravel packed. Temp 70°F.	
• 605	do	do	1971	216	12	216	Kcho	1,250	85	June 11, 1971	T,G	Irr	Slotted from 175 to 205 feet. Pump set at 206 feet. Pumping level 200 feet at 350 gal/min. when drilled. Reported yield 500 gal/min. Gravel packed. ²	
• 701	Vestil Day	Harris Drig. Co.	1969	115	7	115	Kcjp	1,225	12	Feb. 24, 1969	S,E	Irr	Slotted from 30 to 35 feet and 50 to 115 feet. Cemented from 5 to 12 feet. Pump set at 110 feet. Pumping level 100 feet 145 gal/min. when drilled and 74 feet on April 13, 1971. Gravel packed. Temp 69°F. ³	
• 702	A.E. Bowman	do	1970	85	5	85	Kcjp	1,205	30	Aug. 20, 1970	S,E	S	Perforated from 25 to 85 feet. Cemented from 10 to 23 feet. Pump set at 83 feet. Reported yield 30 gal/min. Gravel packed.	
• 703	I. Jack Creech	do	1971	135	7	135	Kcjp	1,245	75	June 9, 1971	S,E	Irr	Slotted from 75 to 135 feet. Cemented from 15 to 60 feet. Pump set at 131 feet. Estimated yield 280 gal/min. Gravel packed. Temp 69°F.	
• 704	C.P. Loyd	do	1968	--	7	--	Kcjp	1,225	--	--	S,E	Irr	Slotted. Measured yield 31.9 gal/min. Gravel packed. Temp 70°F.	
• 801	George Stephens	Ellis Hilliard	1956	85	30	85	Kcho	1,130	25	Oct. 2, 1959	T,E	Irr	Completed from 55 to 85 to feet. Reported yield 100 gal/min. Temp 70°F. Observation well. ^{2,3}	
• 901	Guy E. Moore	Steward Drilling Co.	1956	142	12	142	Kcjp	1,165	71	Mar. 27, 1969	T,E	Irr	Measured yield 66 gal/min. Observation well. ³	
• 902	J.A. Thompson	do	1956	118	10	118	Kcjp	1,140	24	Oct. 2, 1959	T,E	Irr	Completed from 20 to 118 feet. Pump set at 108 feet. Reported yield 156 gal/min. Gravel packed. ³	
• 903	Cullen Stephens	Hoff Irrigation	1953	90	6	90	Kcho	1,122	--	Mar. 27, 1969	T,E	Irr	Historical observation well. ³	
• 904	do	Curtis Alford Drilling and Well Service	1956	90	10	90	Kcho	1,122	30	Oct. 27, 1959	T,E	Irr	Completed from 60 to 85 feet. Pump set at 80 feet. Reported yield 50 gal/min.	
• 905	George Stephens	Steward Drilling Co	--	137	12	137	Kcjp	1,145	21.4	June 30, 1965	S,E	Irr	Completed from 60 to 85 feet. Pump set at 80 feet. Reported yield 80 gal/min.	
• 906	D.W. Moore	do	1964	122	6	122	Kcjp	1,150	56.1	July 2, 1965	S,E	Irr	Perforated from 37 to 43 feet and 100 feet to 137 feet. Pump set at 137 feet. Pumping level 120.0 feet at 60 gal/min. on June 27, 1966. Gravel packed. ^{2,4}	
• 907	Thurman Boucher	do	--	156	8	--	Kcjp	1,200	64.1	July 5, 1965	S,E	Irr	Pump set at 117 feet. Reported yield 75 gal/min. Gravel packed. Temp 69°F.	
• 06-102	Bill Bradley	J. Brown	1967	372	5	372	Kche	1,473	300	Apr. 13, 1971	S,E	Ind	Slotted from 348 to 372 feet. Reported yield 8 gal/min.	
• 501	J.W. Barbee	Texas Irrigation Sales, Inc.	1959	250	6	250	Kche	1,270	122	Oct. 26, 1959	S,E	D,S	Perforated from 230 to 250 feet. Temp 72°F. Observation well. ³	
• 502	Gene Gilbreath	Texas Water Development Board	1971	369	N	N	Kcjp	1,317	--	Mar. 27, 1969	N	N	Stratigraphic test hole.	
• 601	W.A. Springer	J.T. Brown Water Well Driller.	1965	213	7	212	Kche	1,280	175	Aug. 18, 1965	C,W	D	Slotted from 170 to 212 feet. Pump set at 189 feet.	
• 701	W.D. Bryson	Steward Drilling Co.	1959	190	10	180	Kcho	1,170	66	Oct. 26, 1959	T,E	Irr	Completed from 170 to 180 feet. Open hole from 180 to 190 feet. Reported yield 175 gal/min. Temp 70°F. Observation well. ³	
• 901	Sherman Henson	Tatum Drilling Co.	1963	150	5	150	Kche	1,195	60.4	June 28, 1965	S,E	D	Completed from 120 to 150 feet. Pump set at 140 feet. Reported yield 16 gal/min. Observation well. ³	
07-701	Travis Lincecum	Alford James Price Dalton Drig. and Service Co.	1966	118	10	--	Kche	1,125	61	Mar. 27, 1969	N	N	Reported yield 25 gal/min. ¹	
801	Ralph Shank	do	1969	322	4	300	Kche	1,245	242	Aug. 11, 1969	S,E	D	Perforated from 300 to 322 feet. Cemented from 0 to 13 feet. Pump set at 312 feet. Pumping level 252 feet at 18 gal/min. when drilled. Gravel packed.	

See footnotes at end of county.

**Table 16. - Records of Wells
COMANCHE COUNTY - Continued**

Well	Owner	Driller	Date Completed	Casing			Water-bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
				Depth of Well (ft)	Diameter (in)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*41-11-302	E.S. McDougal	Harris Drig. Co.	1967	204	5	204	Kche	1,540	175	Mar. 11, 1967	S,E	D	Perforated from 180 to 204 feet. Cemented from 40 to 50 feet. Reported yield 20 gal/min. Gravel packed. Temp 70°F.
* 412	S.B. Bean	Petit and Knight Drig. Co.	1967	482	6	482	Kcip	1,715	295.3	Mar. 18, 1970	S,E	D,S	Slotted from 330 to 335 feet and 394 to 414 feet. Gravel packed. Temp 73°F. Observation well. ^{3,6}
* 12-101	City of Comanche	George Bolton	1946	123	10	123	Kcip	1,448	14	Sept. 3, 1946	N	N	Reported yield 80 gal/min. when well was used. Observation well. ^{1,3}
201	Brady York	Steward Drilling Co.	1954	147	10	147	Kche	1,386	64	Oct. 20, 1959	N	N	Completed from 87 to 147 feet. Reported yield 400 gal/min. when well was used. Observation well. ^{1,3}
202	Richard Armstrong	Holdridge Drig. Co.	1966	140	8-5/8	140	Kche	1,395	62.6	Mar. 27, 1969	S,E	Irr	Slotted from 54 to 63 feet and 90 to 128 feet. Reported yield 75 gal/min. Gravel packed.
301	Max Kaeter	Steward Drilling Co.	1954	180	16	180	Kcip	1,325	65	Oct. 19, 1959	T,E	S	Completed from 130 to 165 feet. Pump set at 165 feet. Estimated yield 175 gal/min.
302	M.B. Carter	Hoff Irrigation Co.	1958	60	5	60	Kche	1,296	46.3	July 2, 1965	15	Irr	Completed from 0 to 60 feet. Measured yield 20 gal/min. when well was used.
303	Buster McDonald	Steward Drilling Co.	1957	150	10	150	Kcip	1,258	39	Oct. 20, 1959	T,E	Irr	Slotted from 25 to 150 feet. Pump set at 147 feet. Reported yield 120 gal/min. Pumping level 134.0 feet at 95.7 gal/min. on July 12, 1966. Gravel packed. ⁴
304	do	do	1963	165	7	165	Kcip	1,256	32.8	Mar. 27, 1969	S,E	Irr	Well deepened from 110 to 165 feet in 1963. Completed from 30 to 110 feet. and 110 to 165 feet. Pump set at 160 feet. Reported yield 120 gal/min. Pumping level 95.40 feet at 69.9 gal/min. on July 21, 1966. Gravel packed. Observation well. ^{2,3,4}
305	Buster McDonald	F&F Drig. Co.	1967	185	8	185	Kcip	1,288	25	Aug. -- 1967	S,E	Irr	Slotted from 30 to 50 feet and 140 to 185 feet. Pump set at 177 feet. Reported yield 130 gal/min. Gravel packed.
306	do	do	1967	180	8	180	Kcip	1,286	31	May 6, 1970	7 1/2	Irr	Slotted from 20 to 40 feet, 100 to 120 feet and 145 to 175 feet. Pump set at 172 feet. Gravel packed.
307	do	do	1967	191	8	191	Kcip	1,274	46.4	Feb. 23, 1970	7 1/2	Irr	Slotted from 55 to 187 feet. Pump set at 180 feet. Reported yield 207 gal/min. Pump set at 185 feet. feet at 350 gal/min. when drilled. Gravel packed.
* 401	Don Spivey	Harris Drig. Co.	1969	278	5	278	Kche	1,585	224.9	Apr. 9, 1970	S,E	D,S	Perforated from 235 to 278 feet. Cemented from 30 to 40 feet. Pump set at 288 feet. Reported yield 15 gal/min. Gravel packed. Temp 70°F. Observation well. ³
* 901	J.B. Pogue	do	--	70	6	--	Kche	1,282	50	Jan. 18, 1960	T,E	D,S	Slotted from 82 to 112 feet. Cemented from 0 to 4 feet. Reported yield 20 gal/min. Pumping level 71.2 feet on July 15, 1971. Temp 69°F. Observation well. ^{3,6}
* 902	Tom Spencer	J.T. Cook Well Drig. Co.	1967	112	7	112	Kche	1,315	30.5	Mar. 18, 1970	S,E	Irr	Slotted from 30 to 150 feet. Pump set at 145 feet. Reported yield 150 gal/min. Pumping level 138.38 on July 5, 1965 and 121.70 feet at 92.3 gal/min. on Aug. 4, 1966. Temp 70°F. ⁴
* 13-101	Dalton Perkins	Steward Drilling Co.	1954	150	16	150	Kcip	1,265	36	Oct. 20, 1959	T,E	Irr	Slotted from 30 to 140 feet.
102	do	do	--	140	10	140	Kcip	1,265	60	July 5, 1965	N	N	Completed from 30 to 145 feet. Pump set at 138 feet. Reported yield 125 gal/min. Gravel packed. Temp 78°F.
* 103	do	do	1965	145	8	145	Kcip	1,250	37.6	June 22, 1966	S,E	Irr	Slotted from 35 to 75 feet and 140 to 175 feet. Cemented from 15 to 30 feet. Reported yield 60 gal/min. Gravel packed.
104	Joe Paul McCullough	Harris Drilling Co.	1970	175	8	175	Kcip	1,280	37.9	June 29, 1966	S,E	Irr	Slotted from 55 to 105 feet and 130 to 154 feet. Cemented from 30 to 50 feet. Pump set at 151 feet. Reported yield 120 gal/min. Gravel packed.
105	Bob McElroy	do	1970	154	7	154	Kcip	1,250	61.5	July 5, 1965	S,E	Irr	Completed from 120 to 155 feet. Pump set at 150 feet. Reported yield 85 gal/min. Measured yield 30 gal/min. Gravel packed. Temp 69°F. Observation well. ^{3,4}
* 201	Chester Evans	Willingham and Hilliard	1955	160	5	155	Kcho	1,210	33.8	July 2, 1965	T,E	Irr	Slotted from 130 to 155 feet. Pump set at 150 feet. Measured yield 21.3 gal/min. Power and yield test. Gravel packed.
202	do	Petit and Knight Drilling Co.	1967	155	6	155	Kcho	1,210	--	Apr. 2, 1969	S,E	Irr	Slotted from 110 to 121 feet. Cemented from 0 to 40 feet. Pump set at 115 feet. Gravel packed. Temp 70°F.
* 203	Jack Witten	Dalton Drig. Co.	1966	121	5	121	Kcho	1,190	78.7	Feb. 23, 1970	S,E	S	Slotted from 79 to 98 feet. Plugged back from 318 to 110 feet. Pump set at 100 feet. Reported yield 50 gal/min. Measured yield 20 gal/min. Gravel packed. Temp 69°F.
* 204	Duane K. Jackson	Petit and Knight Drilling	1966	318	8	110	Kcho	1,145	32.9	do	S,E	D,S	Completed from 120 to 155 feet. Pump set at 150 feet. Reported yield 85 gal/min. Measured yield 30 gal/min. Gravel packed. Temp 69°F. Observation well. ^{3,4}

See footnotes at end of county.

**Table 16. - Records of Wells
COMANCHE COUNTY - 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			
41-13-205	Duane K. Jackson	Petit and Kight Drilling	1966	140	8	113	Kcho	1,133	20	Feb. 23, 1970	N	Irr	Slotted from 80 to 111 feet. Plugged back from 140 to 113 feet. Reported yield 105 gal/min. Gravel packed.
• 301	Gustine Water Supply Corp.	Andrews and Foster	1966	173	6	173	Kcip	1,190	48.1	Jan. 4, 1967	S,E 3	P	Completed from 58 to 70 feet, 140 to 148 feet and 160 to 168 feet. Pumping level 158 feet at 48 gal/min, when drilled. Gravel packed. Cemented from 58 feet to surface. Well drilled to 255 feet and plugged back to 173 feet. ¹
• 302	do	Dalton Drig. and Service Co.	1969	185	6	185	Kcho	1,195	111.3 99.2	May 7, 1970 Mar. 18, 1971	S,E 3	P	Slotted. Cemented from 0 to 66 feet. Pump set at 165 feet. Reported yield 30 gal/min. Pumping level 142 feet at 42 gal/min when drilled. Gravel packed. Observation well. ³
• 303	E.W. Harvick	Bily Harris	1970	127	7	127	Kcho	1,140	30	July 31, 1970	T,E	Irr	Slotted from 97 to 127 feet. Cemented from 15 to 25 feet. Pump set at 110 feet. Reported yield 70 gal/min. Gravel packed. Temp 74°F.
• 304	Marvin W. Hurst	W.O. Davis Drig. and Pump Service	1970	160	7	129	Kcip	1,110	26	Sept. 26, 1970	T,D	Irr	Slotted from 45 to 56 feet and 90 to 120 feet. Pump set at 120 feet. Reported yield 125 gal/min. Gravel packed.
• 305	City of Gustine	Dalton Drilling and Service Co.	1972	200	5	200	Kcho	1,185	90.2	May 22, 1973	S,E	P	Slotted from 135 to 170 feet. Reported yield 75 gal/min. Gravel packed.
• 801	C.M. Neel	Petit and Kight Drilling	1966	187	5	163	Kcho	1,205	50.3	Mar. 18, 1970	S,E	D,S	Slotted from 138 to 160 feet. Cemented from 0 to 10 feet. Gravel packed. Temp 70°F.
• 901	J.B. Zimmerman	Dalton Drig. and Service Co.	1969	270	5	270	Kcho	1,383	210.1	Apr. 15, 1971	S,E 1 1/2	D	Slotted from 250 to 270 feet. Cemented from 0 to 28 feet. Pump set at 250 feet. Pumping level 220 feet at 18 gal/min, when drilled. Gravel packed. Temp 70°F. ²
• 902	L.E. Marrs	Harris Drilling Co.	1969	191	5	191	Kche	1,298	85	Mar. 14, 1969	C,E	D,S	Perforated from 160 to 191 feet. Cemented from 30 to 40 feet. Reported yield 20 gal/min. Gravel packed.
14-101	J.D. Allen	Steward Drilling Co.	1959	137	10	137	Kcip	1,115	44 47.7	Oct. 16, 1959 June 30, 1965	N	N	Abandoned irrigation well. Reported yield 150 gal/min. in 1959. Pumping level 128 feet at 175 gal/min. on Oct. 16, 1959. Temp 72°F. Observation well. ^{2,3,e}
• 102	R.E. Adcock	do	1956	179	10	--	Kcip	1,155	72	Oct. 16, 1959	T,E	Irr	Reported yield 200 gal/min.
• 103	L.H. Estes	do	1955	170	10	--	Kcip	1,155	77	Oct. 27, 1959	T,E	Irr	Pump set at 153 feet. Estimated yield 135 gal/mi. Gravel packed. Temp 70°F.
• 105	J.D. Allen	do	1964	155	8	155	Kcip	1,140	98.3 76.6	June 28, 1965 June 30, 1965	T,E	Irr	Pump set at 155 feet. Estimated yield 135 gal/mi. Gravel packed. Temp 70°F.
• 106	U.L. Kingsbury	Petit and Kight Drilling Co.	1966	182	8	182	Kcho	1,165	88.2 76.8	Dec. 6, 1966 Dec. 12, 1966	T,E 5	Irr	Slotted from 155 to 180 feet. Pumping level 159 feet at 61.1 gal/min. on Dec. 13, 1966. Pump set at 177 feet. Measured yield 30 gal/min. on Aug. 4, 1966. Gravel packed. Temp 70°F. ^{2,4,5}
• 107	do	do	1966	183	--	183	Kcho	1,158	45.1	do	T,E	Irr	Slotted from 150 to 180 feet. Pump set at 177 feet. Pumping level 171.1 feet at 53.3 gal/min. on Aug. 4, 1966. Gravel packed. ^{1,2,4,5}
• 108	Brent Daniel	Iradell Drilling	1966	180	10	180	Kcho	1,158	25	Apr. 16, 1966	S,E	Irr	Slotted from 130 to 180 feet. Pump set at 165 feet. Reported yield 90 gal/min. Gravel packed.
• 109	Joe Wiley	Petit Drig. Co.	1967	170	10	170	Kcho	1,150	71	May 5, 1970	T,E	Irr	Slotted from 129 to 170 feet. Pump set at 177 feet. Pumping level 166 feet at 189 gal/min, when drilled. Gravel packed. ²
• 301	Glen McGlothlin	Roy Michael	1954	215	16	180	Kcip	1,065	23	Jan. 27, 1960	T,G	N	Completed from 10 to 180 feet. Pump set at 160 feet. Reported yield 300 gal/min. Abandoned.
• 302	Glen McGlothlin	Roy Michael	1954	900	16	200	Kcip	1,065	19	Jan. 27, 1960	N	N	Perforated from 20 to 200 feet. Reported yield 200 gal/min. in 1954. Well drilled to 900 feet and plugged back to 300 feet. Well caved in and was abandoned.
• 303	Euel Eddleman	Curtis Alford Drilling and Well Service	1963	150	8	150	Kche	1,070	27	June 29, 1965	S,E	Irr	Perforated from 27 to 150 feet. Pumping level 55.65 feet on June 29, 1964. Gravel packed. Temp 69°F. Observation well. ^{3,6}
• 304	Rosco White	Tatum Drilling Co.	1963	112	5	112	Kche	1,170	91.6	Mar. 27, 1969 June 28, 1965	S,E 1/2	S	Completed from 84 to 108 feet. Pump set at 102 feet. Reported yield 16 gal/min.
• 305	J.N. Thompson	do	1966	188	12 7	72 188	Kcip	1,065	34	Feb. 10, 1966	S,E 7 1/2	Irr	Slotted from 80 to 87 feet, 130 to 143 feet, and 173 to 188 feet. Pump set at 176 feet. Pumping level 88 feet at 250 gal/min, when drilled and 68 feet at 96.7 gal/min. on Aug. 8, 1967. Original well completed to 72 feet in 1965 by Rhea Drilling Co. ^{2,4}
• 402	Russell Hayes	Iredell Drilling	1966	185	10	185	Kcho	1,168	30	-- 1966	S,E 3	Irr	Perforated from 125 to 185 feet. Pump set at 175 feet. Reported yield 90 gal/min. Gravel packed.
• 701	Gayle Isham, Jr.	Tatum Drilling Co.	1966	335	5	335	Kche	1,370	235 233	Apr. 16, 1966 Mar. 18, 1970	S,E 3	D,S	Perforated from 280 to 335 feet. Pump set at 330 feet. Reported yield 30 gal/min. Pumping level 252.6 feet on Mar. 27, 1968. Temp 74°F.

See footnotes at end of county.

**Table 16. - Records of Wells
COMANCHE COUNTY - 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				
41-14-702	Leslie Miller	Dalton Drilling and Well Service	1966	300	5	300	Kche	1,360	227.8	do		S,E	D,S	Perforated from 280 to 300 feet. Cemented from 0 to 40 feet. Pump set at 290 feet. Reported yield 15 gal/min. Observation well. ³
803	Elsie M. Rea	L.W. Little, Drilling Co.	1962	255	4	255	Kcgr, Kche	1,342	180	June 1, 1962		C,E 3/4	S	Slotted from 168 to 232 feet. Pumping level 184 feet at 8 gal/min. when drilled. Gravel packed.
15-101	H.C. Aytes	Leon Drilling Co.	1964	176	10	176	Kche	1,120	37	Nov. 22, 1964		TG	Irr	Slotted from 66 to 90 feet, 110 to 130 feet, and 150 to 172 feet. Pump set at 157 feet. Reported yield 350 gal/min. Pumping level 97 feet at 500 gal/min. when drilled. Cemented from 20 to 30 feet. Gravel packed. ²
* 302	Morgan Ranch	Tatum Drilling Co.	1964	298	4	298	Kche	1,270	220	-- 1964		C,W	D,S	Slotted from 256 to 298 feet. Pump set at 280 feet. Reported yield 12 gal/min. Gravel packed. Temp. 58°F.
401	F.L. Stephens	do	1966	205	7	205	Kche	1,082	48.6	Mar. 27, 1969		S,E 7 1/2	Irr	Slotted from 53 to 87 feet and 185 to 196 feet. Pump set at 194 feet. Pumping level 100 feet at 185 gal/min. when drilled. Observation well. ^{1,2,3}
403	Brent Daniel	Harris Drilling Co.	1969	66	5	66	Kche	1,058	49	Nov. 20, 1969		W	S	Perforated from 48 to 66 feet. Cemented from 10 to 20 feet. Estimated yield 20 gal/min. Gravel packed.
* 20-202	Homer Hall	do	1969	120	5	120	Kche	1,420	97.6	Apr. 9, 1970		C,W	S	Perforated from 100 to 120 feet. Reported yield 2.5 gal/min. Temp. 70°F. Observation well. ¹
21-202	Billy Beylleu	Dalton Drilling and Well Service	1969	215	5	215	Kche	1,375	155	May 19, 1969		S,E 2	D	Slotted from 195 to 215 feet. Cemented from 0 to 28 feet. Pump set at 205 feet. Reported yield 20 gal/min.

* For chemical analysis of water, see Table 19.

¹ Electric and/or radioactivity logs in files of the Texas Department of Water Resources.

² For specific capacity of well, see Table 3.

³ For water level measurements from observation wells, see Table 18.

⁴ For power and yield tests, see Table 10.

⁵ For results of pumping tests, see Table 4.

⁶ Well used in chemical quality monitoring network.

**Table 16. - Records of Wells
EASTLAND COUNTY**

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			
*30-48-201	G.M. Waters	--Fagan	1900	29	42	29	Kca	1,738	6.2	May 17, 1937	J-E	D	Dug well with rock wall. Reported yield 10 gal/min. Observation well until 1970. ³	
* 202	Billy Joe Taylor	C.E. Reynolds	1966	48	5	48	Kca	1,725	8	Mar. 12, 1969	J-E	D.S	Perforated from 21 to 40 feet. Gravel packed. Temp. 68°F.	
* 301	G. Riddle	--	1910	30	42	20.2	Kca	1,705	5	Aug. 7, 1970	H	D.S	Dug well. ⁴	
* 302	Willie McDonald	McCarrell and Son	1967	290	5	290	Pn	1,640	78.7	Aug. 7, 1970	S-E	P	Slotted from 160 to 290 feet. Reported yield 30 gal/min. Gravel packed.	
* 701	W.T. Rutherford	--	1910	35	42	26.7	Kca	1,758	10.0	Mar. 17, 1937	N	N	Dug well with rock wall. Observation well. ³	
* 702	John Delaney	Johna Delaney	1895	35	60	6	Kca	1,770	10.8	Mar. 12, 1969	H	D.S	Dug well. Open hole from 6 to 28.5 feet.	
* 703	S.N. Keith	Joe Coleman	1932	14	48	14	Kca	1,730	22.0	Mar. 17, 1937	H	D.S	Dug well.	
* 704	Joe E. Arnold	G-M Drilling Co.	1965	55	8	48	Kca	1,772	7.8	Mar. 18, 1937	J-E	D	Slotted from 22 to 48 feet. Gravel packed.	
* 801	W.M. Compton	Paul Philley	1936	20	42	18.6	Kca	1,750	12.0	Aug. 7, 1970	H	S	Dug well.	
* 901	D.D. Jackson	Jack Leonard Drilling Co.	1966	58	12	58	Kca	1,720	29.8	Mar. 17, 1937	S-E	Irr	Completed from 52-58 feet. Pump set at 55 feet. Pumping level 50.30 feet at 37.5 gal/min. on Aug. 18, 1967. Gravel packed. Temp. 70 °F. Observation well. ^{2,3,4}	
* 902	do	do	1966	63	12	63	Kca	1,725	26	Feb. 12, 1966	S-E	Irr	Completed from 56 to 63 feet. Pump set at 60 feet. Pumping yield 225 gal/min. power and yield test. Gravel packed. Temp. 68 °F.	
* 903	Don Shepard	Joe Tucker	1968	94	6	56	Kca	1,713	20.4	Feb. 9, 1971	S-E	D	Perforated from 30 to 56 feet. Pumping level 56 feet at 15 gal/min. when drilled. Gravel packed.	
* 58-102	E.L. Laminack	E.L. Laminack	1908	40	42	37.1	Kca	1,785	31.8	May 18, 1937	C,W	D.S	Dug well. Reported yield 10 gal/min.	
* 103	W.B. Holcomb	J&L Drilling Co.	1967	65	8	65	Kca	1,762	24.8	Mar. 24, 1970	S-E	Irr	1970 and 4163 feet on Sept. 9, 1970. Measured yield 25.6 gal/min. Power and yield test. Gravel packed. Temp. 68 °F. Observation well. ^{2,3,4}	
* 104	G.O. Lawson	do	1968	92	7	92	Kca	1,778	44.9	Aug. 7, 1970	S-E	Irr	Slotted from 40 to 82 feet. Pump set at 77 feet. Gravel packed. Temp. 60°F. ⁶	
* 105	do	do	1969	85	7	85	Kca	1,775	40.1	July 14, 1971	S-E	Irr	Slotted from 35 to 70 feet. Pump set at 73 feet. Gravel packed.	
* 106	Wes Holcomb	do	1968	60	7	60	Kca	1,757	31.4	Aug. 6, 1970	S-E	Irr	Slotted from 22 to 44 feet. Pump set at 48 feet. Gravel packed.	
* 107	do	do	1968	61	7	61	Kca	1,754	--	--	S-E	Irr	Slotted from 27 to 38 feet. Pump set at 48 feet. Gravel packed.	
* 109	Lester King	do	1965	96	5	58	Kca	1,800	--	--	S-E	Irr	Perforated from 48 to 63 feet, 76 feet to 80 feet. Reported yield 30 gal/min. Gravel packed.	
* 110	do	do	--	90	8	90	Kca	1,795	--	--	N	Irr	Perforated from 45 to 46 feet, 65 to 77 feet. Reported yield 30 gal/min. Gravel packed. ¹	
* 111	do	do	1971	92	7	92	Kca	1,802	--	--	S-E	Irr	Perforated from 48 to 63 feet, 76 to 80 feet. Reported yield 30 gal/min. Gravel packed.	
* 112	W.B. Holcomb	do	1971	55	7	55	Kca	1,750	--	--	S-E	Irr	Slotted from 31 to 45 feet. Cemented from 15 to 20 feet. Reported yield 30 gal/min. Gravel packed.	
* 113	Foy E. Gage	do	1971	92	7	92	Kca	1,790	--	--	S-E	Irr	Slotted from 55 to 76 feet. Cemented from 41 to 45 feet. Reported yield 20 gal/min. Gravel packed.	
* 114	do	do	1971	92	7	92	Kca	1,790	--	--	S-E	Irr	Slotted from 55 to 76 feet. Cemented from 40 to 55 feet. Reported yield 25 gal/min. Gravel packed.	
* 115	do	do	1971	81	7	81	Kca	1,780	--	--	S-E	Irr	Slotted from 43 to 60 feet. Cemented from 30 to 35 feet. Reported yield 20 gal/min. Gravel packed.	
* 401	Smith and Anderson	Timmie Johnson	1957	90	8	90	Kca	1,761	25	Jan. 10, 1961	T,E	Irr	Perforated. Pump set at 85 feet. Pumping level 72.0 feet at 40.66 gal/min. on Aug. 15, 1966. Measured yield 48.4 gal/min on Aug. 3, 1972. Temp. 66°F. ⁴	
* 402	SMith and Anderson	Timmie Johnson	1959	95	8	95	Kca	1,763	25	Jan. 10, 1961	T,E	Irr	Reported yield 100 gal/min.	
* 403	do	do	1959	90	8	90	Kca	1,765	25	do	T,E	Irr	Reported yield 95 gal/min.	
* 404	W.E. Lusk	Bob Black	1890	44	42	30	Kca	1,715	27.4	May 18, 1937	C,W	D.S	Dug well. Reported yield 10 gal/min.	
* 405	F.M. Hill	P.E. Bush	1936	18	48	18	Kca	1,730	10.8	do	H	D.S	Dug well. Reported yield 10 gal/min.	
* 406	R.A. Seal	George Erwin	1910	41	48	41	Kca	1,780	37.8	do	H	D.S	Dug well. Reported yield 10 gal/min.	
* 407	W.F. Lilley	Timmie Johnson	1964	111	6	111	Kca	1,796	43.2	July 8, 1965	S-E	Irr	Completed from 71 to 111 feet. Gravel packed. Observation well. ³	

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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			
30-56-408	W. F. Lilley	do	1964	140	7	140	Kca	1,782	33.2	July 8, 1965	S,E ⁵	Irr	Completed from 45 to 85 feet. Pump set at 110 feet. Gravel packed.	
* 409	do	do	1964	138	7	138	Kca	1,812	71.0	do	S,E ³	Irr	Completed from 93 to 138 feet. Gravel packed. Temp. 70°F.	
411	Claud Moore	Curtis Alford Drilling and Well Service	--	110	7	110	Kca	1,793	42	do	T,E ¹	D	Completed from 60 to 110 feet. Gravel packed.	
** 413	Lester King	Lester King	1966	86	8	86	Kca	1,785	--	--	S,E ²	Irr	Perforated from 40 to 42 feet. Reported yield 60 gal/min. Gravel packed.	
414	do	do	1966	85	8	82	Kca	1,785	--	--	S,E ³	Irr	Perforated from 40 to 42 feet and 50 to 63 feet. Reported yield 50 gal/min. Gravel packed.	
415	do	do	1966	82	7	82	Kca	1,787	--	--	S,E ³	Irr	Perforated from 46 to 70 feet. Gravel packed.	
416	do	do	1971	90	7	90	Kca	1,798	--	--	N	N	Perforated from 55 to 57 feet & 60 to 68 feet. Reported yield 30 gal/min. Gravel packed. Abandoned irrigation well.	
417	do	do	1971	82	7	82	Kca	1,786	--	--	N	N	Perforated from 50 to 65 feet. Reported yield 30 gal/min. Gravel packed. Abandoned irrigation well.	
418	do	do	1971	90	7	90	Kca	1,784	--	--	N	N	Perforated from 40 to 42 feet. Reported yield 18 gal/min. Gravel packed. Abandoned irrigation well. ¹	
419	do	do	1971	80	7	80	Kca	1,785	--	--	N	N	Perforated from 48 to 50 feet. Reported yield 18 gal/min. Gravel packed. Abandoned irrigation well. ¹	
420	do	do	1971	84	7	84	Kca	1,790	--	--	N	N	Perforated from 38 to 40 feet and 55 to 68 feet. Reported yield 20 gal/min. Gravel packed. Abandoned irrigation well.	
421	do	do	1971	83	7	83	Kca	1,785	--	--	N	Irr	Perforated from 40 to 41 feet and 51 to 58 feet, 61 to 69 feet. Reported yield 25 gal/min. Gravel packed. Abandoned irrigation well. ¹	
* 501	Cowan Hutton	Timmie Johnson	1958	70	7	70	Kca	1,721	22	Jan. 19, 1961	T,E ³	Irr	Completed from 40 to 70 feet. Pump set at 68 feet. Reported yield 100 gal/min. Temp. 66°F.	
502	do	do	1959	70	8	70	Kca	1,738	31.2	Sept. 1, 1966	N	Irr	Completed from 40 to 70 feet. Reported yield 100 gal/min. Pumping level 41.8 on Aug. 3, 1967. Observation well. ³	
503	do	Curtis Alford Drilling and Well Service	1956	70	7	70	Kca	1,722	--	--	T,E ³	Irr	Perforated. Reported yield 100 gal/min.	
504	do	Timmie Johnson	1959	70	7	70	Kca	1,728	22	Jan. 9, 1961	T,E ³	Irr	Completed from 40 to 70 feet. Reported yield 100 gal/min.	
* 505	N.E. Mitchell	D.P. Mitchell	1910	15	60	15	Kca	1,685	5.1	May 18, 1937	H	Irr	Completed 35 to 70 feet. Pump set at 65 feet. Gravel packed.	
506	Cowan Hutton	Timmie Johnson	--	70	8	70	Kca	1,738	25	July 7, 1965	T,E	Irr	Completed from 35 to 70 feet. Pump set at 65 feet. Gravel packed.	
507	do	do	1963	72	8	72	Kca	1,736	--	--	T,E	Irr	Completed from 47 to 70 feet. Pump set at 65 feet. Gravel packed.	
508	do	do	--	112	8	112	Kca	1,788	63.5	Apr. 7, 1966	S,E ⁵	Irr	Completed from 85 to 112 feet. Pump set at 95 feet. Pumping level 94.3 feet at 57.5 gal/min. on Aug. 16, 1966. Power and yield test. Gravel packed. ^{2,4}	
* 509	Oscar Schaefer	Jack Leonard Drilling Co.	1964	56	12	56	Kca	1,737	17.6	Mar. 12, 1969	S,E ⁵		Completed from 32 to 52 feet. Pump set at 56 feet. Reported yield 150 gal/min. Pumping level 40.76 feet on July 7, 1965. Gravel packed. Temp. 70°F.	
510	do	do	1964	59	12	59	Kca	1,739	23.5	Mar. 15, 1967	S,E ²	Irr	Completed from 32 to 52 feet. Reported yield 150 gal/min. Gravel packed. Observation well. ³	
511	Horace King	do	1964	39	12	39	Kca	1,719	19	July 8, 1965	T,E	Irr	Completed from 21 to 39 feet. Pump set at 39 feet. Reported pumping level 35 feet on July 8, 1965. Gravel packed.	
* 512	do	do	1964	42	12	42	Kca	1,722	25.0	do	P,E	Irr	Completed from 22 to 42 feet. Reported yield 15 gal/min. Gravel packed. Temp. 70°F.	
513	do	do	1964	46	12	46	Kca	1,724	39.7	do	P,E ^{1/2}	Irr	Completed from 26 to 46 feet. Reported yield 20 gal/min. Gravel packed.	
514	do	do	1964	48	12	48	Kca	1,720	36.1	do	P,E ^{1/2}	Irr	Completed from 28 to 48 feet. Gravel packed. Temp. 70°F.	
515	Frank Snodgrass	Curtis Alford Drilling and Well Service	1964	48	12	48	Kca	1,787	--	--	S,E ^{3/4}	Irr	Completed from 82 to 115 feet. Gravel packed. Temp. 67°F.	
* 516	Cowan Hutton	J&L Drilling Co.	1967	135	7	135	Kca	1,790	--	--	S,E ⁵	Irr	Slotted from 70 to 90 feet. Gravel packed.	
517	do	do	1969	110	7	110	Kca	1,774	--	--	S,E ⁵	Irr	Slotted from 70 to 90 feet. Gravel packed.	

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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	Surface			
30-56-518	Cowan Hutton	do	1969	100	7	100	Kca	1,760	-	-	-	S,E 5	Irr	Slotted from 60 to 80 feet. Gravel packed.
519	C.W. Richter	Clinton Wilson	1970	70	10	70	Kca	1,745	30	Aug. 12, 1970	-	S,E	Irr	Slotted from 50 to 68 feet. Pumping level 60 feet at 115 gal/min. when drilled. Gravel packed. ²
520	do	do	1970	65	10	65	Kca	1,740	30	Aug. 13, 1970	-	S,E	Irr	Slotted from 50 to 63 feet. Pumping level 60 feet at 65 gal/min. when drilled. Gravel packed. ²
521	do	do	1970	68	10	68	Kca	1,748	30	Aug. 14, 1970	-	S,E	Irr	Slotted from 50 to 65 feet. Pumping level 65 feet at 65 gal/min. when drilled. Gravel packed. ²
522	do	do	1970	79	10	79	Kca	1,750	45	Aug. 15, 1970	-	S,E	Irr	Slotted from 65 to 77 feet. Pumping level 75 feet at 30 gal/min. when drilled. Gravel packed.
523	do	do	1970	65	10	65	Kca	1,740	30	Aug. 16, 1970	-	S,E	Irr	Slotted from 40-65 feet. Pumping level 60 feet.
524	Merwin Igo	Lester King	1971	98	7	98	Kca	1,770	-	-	-	S,E	Irr	Slotted from 82 to 107 feet. Reported yield 80 gal/min. Gravel packed.
525	do	do	1971	115	7	115	Kca	1,780	-	-	-	S,E	Irr	Slotted from 82 to 107 feet. Reported yield 80 gal/min. Gravel packed.
* 601	A.M. Townsend	do	1912	57	5	57	Pn	1,640	26.6	May 19, 1937	-	N	N	Bottom joint perforated.
** 702	James Chessier	Vernon Phillips	1971	55	6	55	Kca	1,738	10	July 10, 1971	-	S,E	Irr	Perforated from 30 to 55 feet. Reported yield 50 gal/min. Gravel packed.
** 703	do	do	1971	52	6	52	Kca	1,742	-	-	-	1 1/2	Irr	Perforated from 28 to 52 feet. Reported yield 40 gal/min. Gravel packed.
801	H.L. Vestal	do	1920	60	48	55	Kca	1,770	43.8	May 19, 1937	-	N	N	Dug well. Plugged and abandoned.
803	Luther Shirley	J&L Drilling Co.	1969	76	7	76	Kca	1,736	22.6	Aug. 6, 1970	-	S,E	Irr	Slotted from 25 to 58 feet. Gravel packed.
* 804	Luther Shirley	J&L Drilling Co.	1969	80	7	80	Kca	1,742	26.1	Aug. 6, 1970	-	S,E	Irr	Slotted from 25-71 feet. Pumping level 330 feet on July 14, 1971. Gravel packed. Temp. 67°F. ⁶
805	H.T. Parson	Curtis Alford Drilling & Well Service	1969	70	8	70	Kca	1,725	63.0	do	-	S,E	Irr	Slotted from 15 to 55 feet.
806	Luther Shirley	J&L Drilling Co.	1970	77	7	77	Kca	1,736	-	-	-	S,E	Irr	Slotted from 23 to 58 feet. Cemented to 10 feet. Gravel packed.
807	do	do	1970	75	7	75	Kca	1,755	35.8	May 17, 1972	-	S,E	Irr,S	Slotted from 40 to 54 feet. Cemented to 10 feet. Reported yield 15 gal/min. Gravel packed.
808	do	do	1971	89	7	89	Kca	1,752	32	do	-	N	Irr	Slotted from 55 to 72 feet. Cemented 25 to 30 feet. Reported yield 20 gal/min. Gravel packed.
809	do	do	1971	85	7	85	Kca	1,749	-	-	-	S,E	Irr	Slotted from 35 to 71 feet. Cemented from 15 to 20 feet. Reported yield 40 gal/min. Gravel packed.
810	do	do	1971	80	7	80	Kca	1,742	-	-	-	S,E	Irr	Slotted from 25 to 68 feet. Cemented from 15 to 20 feet. Reported yield 60 gal/min. Gravel packed.
811	Buster Harris	Morrow Drilling Co.	1970	120	7	75	Kca	1,719	14	Nov. 2, 1970	-	S,E	Irr	Slotted from 45 to 75 feet. Reported yield 30 gal/min. Gravel packed.
* 812	do	do	1970	63	7	63	Kca	1,720	15	Nov. 4, 1970	-	S,E	Irr	Slotted from 28 to 63 feet. Reported yield 60 gal/min. Gravel packed. Temp. 68°F.
813	do	do	1970	61	7	61	Kca	1,719	17	Nov. 5, 1970	-	S,E	Irr	Slotted from 31 to 61 feet. Reported yield 60 gal/min. Gravel packed.
814	H.T. Parson	Curtis Alford Drilling and Well Service	1971	77	5	77	Kca	1,735	-	-	-	S,E	Irr	Perforated. Reported yield 25 gal/min. Gravel packed.
815	do	do	1971	69	5	69	Kca	1,725	-	-	-	S,E	Irr	Perforated. Reported yield 45 gal/min. Gravel packed.
* 901	A.L. Buchanan	do	1954	65	5	65	Kca	1,670	20	Jan. 10, 1954	-	T,E	Irr	Perforated from 30 to 65 feet. Pump set at 64 feet. Reported yield 65 gal/min. Gravel packed. Temp. 68°F.
902	do	do	1954	64	5	64	Kca	1,665	20	do	-	T,E	Irr	Completed from 35 to 64 feet. Pump set at 62 feet. Reported yield 45 gal/min. Gravel packed.
904	do	do	1969	100	8	100	Kca	1,690	28.8	Aug. 4, 1970	-	N	N	Slotted from 34 to 66 feet. Reported yield 50 gal/min. Gravel packed. Abandoned irrigation well.
905	A.L. Buchanan	Curtis Alford Drilling and Well Service	1965	60	8	60	Kca	1,665	-	-	-	N	N	Slotted. Gravel packed. Unused irrigation well. ¹
906	Jerry Winfrey	Vernon Phillips	1971	94	6	94	Kca	1,715	40	July 5, 1971	-	S,E	Irr	Perforated from 54 to 94 feet. Reported yield 50 gal/min. Gravel packed.
907	do	do	1971	92	6	92	Kca	1,711	40	July 7, 1971	-	S,E	Irr	Perforated from 52 to 92 feet. Reported yield 80 gal/min. Gravel packed.
908	do	do	1971	92	6	92	Kca	1,708	39	July 8, 1971	-	S,E	Irr	Perforated from 52 to 92 feet. Reported yield 100 gal/min. Gravel packed.

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - Continued**

Well	Owner	Driller	Date Completed	Casing			Water-bearing unit	Altitude of land surface (ft)	Below land-surface datum (ft)	Water level		Method of lift	Use of water	Remarks
				Depth of Well (ft)	Diameter (in)	Depth (ft)				Date of measurement	Measurement			
30-56-909	Jerry Winfrey	do	1971	94	6	94	1,709	42	July 9, 1971	S,E	Irr	Perforated from 54 to 94 feet. Reported yield 80 gal/min. Gravel packed.		
910	do	do	1971	100	6	100	1,709	43	July 10, 1971	S,E	Irr	Perforated from 60 to 100 feet. Reported yield 100 gal/min. Gravel packed.		
911	do	do	1971	80	6	80	1,700	30	July 11, 1971	S,E	Irr	Perforated from 40 to 80 feet. Reported yield 80 gal/min. Gravel packed. Temp. 67°F.		
912	do	do	1971	106	6	106	1,720	44	July 13, 1971	S,E	Irr	Perforated from 66 to 106 feet. Reported yield 100 gal/min. Gravel packed.		
913	do	do	1971	110	6	110	1,720	47	July 14, 1971	S,E	Irr	Perforated from 70 to 110 feet. Reported yield 100 gal/min. Gravel packed.		
914	do	do	1971	98	6	98	1,712	44	July 15, 1971	S,E	Irr	Perforated from 68 to 108 feet. Reported yield 100 gal/min. Gravel packed.		
915	do	do	1971	96	6	96	1,709	40	July 16, 1971	S,E	Irr	Perforated from 66 to 96 feet. Reported yield 80 gal/min. Gravel packed.		
64-101	Marion Harvey	J. Gooch	1987	48	--	--	1,715	8.3	May 13, 1937	N	N	Dug well-presently used as septic tank.		
102	Pioneer Coop.	J&L Drilling Co.	1967	53	7	53	1,705	25.3	April 7, 1966	J,E	P	Casing slotted 25 to 35 feet.		
201	Pioneer School	do	1936	24	48	--	1,700	13.1	Mar. 25, 1970	C,W	N	Dug well.		
202	Eilon B. Burgett	Curtis Allford	1983	42	5	42	1,705	25.5	May 13, 1937	J,E	D	Water reported saline-casing perforated 21 to 42 feet.		
203	C.T. Barton	T. Johnson	1969	79	7	81	1,695	24.7	April 10, 1970	N	N	Casing perforated 20 to 81 feet. Gravel packed.		
204	George Steel	Curtis Allford	1968	75	5	75	1,678	5.8	August 4, 1970	N	N	Casing perforated 23 to 44 feet. Observation well. ³		
301	H. Erwin	Curtis Allford	1956	80	6	80	1,675	--	--	T,E	Irr	Casing perforated 60 to 80 feet.		
302	H. Erwin	Curtis Allford	1956	80	6	80	1,675	--	--	T,E	Irr	Casing perforated 60 to 80 feet.		
303	C.A. Barker	W.M. Gardner	1900	90	48	90	1,740	60.7	May 12, 1937	C,W	D,S	Dug well.		
304	R. Crane	do	1965	41	42	--	1,700	21.0	do	N	N	do		
305	H.V. Burk	T. Johnson	1965	91	7	9	1,700	--	--	S,E	Irr	Casing perforated 46 to 91 feet.		
306	H. Erwin	Curtis Allford	1965	60	12	60	1,675	--	--	S,E	Irr	Casing perforated 54 to 60 feet.		
307	SC. Mixon	T. Johnson	1965	157	7	157	1,755	--	--	S,E	Irr	Casing slotted 127 to 157 feet. Gravel packed.		
309	M.H. Monfort	Wylie Drig. Co.	1968	80	9	70	1,691	19.0	Aug. 6, 1970	S,E	Irr	Slotted from 32 to 70 feet.		
310	do	do	1968	65	9	65	1,688	--	--	S,E	Irr	Slotted from 28 to 65 feet.		
311	do	do	1968	60	9	60	1,686	12.4	Aug. 5, 1970	S,E	Irr	Slotted from 22 to 60 feet.		
312	L.L. Lewis	Morrow Drig. Co.	1970	86	7	86	1,680	25	July 9, 1970	S,E	Irr	Slotted from 30 to 86 feet.		
313	do	C.A. Taylor	1969	86	7	86	1,688	30	June 11, 1969	S,E	Irr	Slotted from 40 to 80 feet.		
314	do	Vernon Phillips	1967	88	7	88	1,695	50	July 12, 1967	S,E	Irr	Slotted from 58 to 88 feet.		
315	Jack White	Curtis Allford	1970	103	7	103	1,687	--	--	S,E	Irr	Reported yield 60 gal/min.		
316	Lester Harris	Morrow Drig. Co.	1970	78	7	78	1,691	19.8	May 17, 1972	S,E	Irr	Do.		
317	do	do	1970	72	7	72	1,694	18.3	do	2	Irr	Reported yield 75 gal/min.		
318	do	do	1970	77	6	77	1,699	23.8	--	S,E	Irr	Slotted from 27 to 77 feet. Reported yield 75 gal/min. Gravel packed.		
319	do	do	1970	82	6	82	1,706	18	Dec. 31, 1970	S,E	Irr	Slotted from 32 to 82 feet. Reported yield 50 gal/min. Gravel packed.		
404	Higginbotham Bros.	do	old	10.3	42	10.3	1,675	3.4	May 19, 1937	1/2	D,S	Dug well.		
608	J.W. Stover	do	--	41	36	41	1,680	21.3	Mar. 14, 1969	J,E	D	Dug well with rock well from 41 feet to surface. Temp 59°F.		
613	Atlas Butler	Curtis Allford Drilling & Well Service	1967	90	5	90	1,704	--	--	1	Irr	Perforated from 60 to 90 feet. Reported yield 30 gal/min. Gravel packed.		
614	do	do	1969	106	5	106	1,698	--	--	1/2	Irr	Perforated from 78 to 106 feet. Gravel packed.		
615	do	do	1966	81	8	81	1,697	--	--	1/2	Irr	Slotted from 20 to 81 feet. Gravel packed.		
616	do	do	1967	94	5	94	1,696	--	--	S,E	Irr	Perforated from 72 to 83 feet. Reported yield 40 gal/min. Gravel packed.		

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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				
30-64-617	Atlas Butler	do	1967	83	8	83	Kca	1,695	--	--	S,E	Irr	Perforated from 20 to 82 feet. Gravel packed.	
618	do	do	1969	83	5	83	Kca	1,690	--	--	S,E	Irr	Perforated from 40 to 75 feet. Reported yield 30 gal/min. Gravel packed.	
619	do	do	1967	83	5	83	Kca	1,698	--	--	S,E	Irr	Perforated from 50 to 83 feet. Gravel packed. Temp 69°F.	
620	do	do	1967	112	5	92	Kca	1,702	--	--	S,E	Irr	Perforated from 60 to 92 feet.	
31-27-723	E.L. Danley	Bob Barnhill	1970	65	6	65	Kca	--	--	--	S,E	Irr	Perforated. Pump set at 50 feet. Reported yield 10 gal/min. Gravel packed.	
724	E.L. Danley	Bob Barnhill	1970	62	6	62	Kca	--	15	Nov. 4, 1970 Aug. 17, 1971	S,E	Irr	Perforated from 53 feet. Reported yield 20 gal/min. Gravel packed.	
34-303	J. Maynard	--	--	26	36	25.6	Kca	1,550	10.3	Apr. 15, 1937	N	D,S	Dug well.	
501	J.W. Jones	O.M. Romsower	1933	200	5	40	Kca Ph	1,570	41.3	Apr. 7, 1937	C,W	D,S	Perforated on bottom.	
601	B.C. Whiting	E.H. Norton Smith Bros.	1926	56	5	34.7	Kca	1,555	30.8	Apr. 15, 1937	C,W	D,S	Perforated on bottom.	
901	J.M. Smith	do	--	50	72	--	Kca	1,520	40	Feb. 8, 1961	T,E	Irr	Dug well.	
903	Pink Haley	Robert Lee -Bob- Barnhill	1969	43	6	43	Kca	1,535	17	Aug. 1, 1969	T,E	Irr	Perforated. Reported yield 20 gal/min. Gravel packed.	
35-101	J.F. Dreinhofer	do	--	33	5	29.4	Kca	1,540	26.6	May 4, 1937	C,W	D,S	Perforated.	
102	Dr. W.P. Watkins	Robert Lee -Bob- Barnhill	1968	40	6	40	Kca	1,567	--	--	J,E	D	Perforated. Reported yield 10 gal/min. Gravel packed.	
302	Haden Neal	do	--	40	42	29	Kca	1,450	12.0	June 17, 1937	C,W	D,S	Dug well.	
303	D. Barton	do	--	36	5	56	Kca	1,470	34.6	June 2, 1937	C,W	D,S	Perforated.	
304	Ross Hodges	Robert Lee -Bob- Barnhill	1966	36	8	25	Kca	1,419	5.5	May 9, 1970	N	N	Open hole from 25 to 36 feet. Reported yield 60 gal/min. Gravel packed. Unused irrigation well.	
401	J.F. Moseley	do	--	34	5	34.3	Kca	1,515	12.2	Apr. 15, 1937	H	D,S	Completed from 17 to 37 feet. Reported yield 145 gal/min. Pumping level 33.75 feet at 10.4 gal/min. July 17, 1967. Gravel packed. ^{2, 4}	
601	Morris Campbell	Robert Lee -Bob- Barnhill	1965	50	8	50	Kca	1,510	18.3	Oct. 12, 1965	P,E	Irr	Completed from 3 to 30 feet. Reported yield 120 gal/min. Gravel packed.	
602	do	do	1965	50	8	50	Kca	1,510	17.6	do	P,E	Irr	Completed from 3 to 30 feet. Reported yield 120 gal/min. Gravel packed.	
603	do	do	--	50	5	50	Kca	1,512	18.9	do	--	Irr	Completed from 3 to 38 feet. Gravel packed. Temp 70°F. Observation well. ^{1, 3}	
604	do	do	1965	50	6	50	Kca	1,512	17.8	do	--	Irr	Perforated.	
701	C.L. Langston	E.H. Norton	--	35	5	33.8	Kca	1,555	25.9	Feb. 3, 1972	--	D,S	Perforated.	
702	P.O. Wood	do	1909	41	5	41.1	Kca	1,530	33.0	Apr. 16, 1937	--	D,S	Perforated.	
901	J.J. Daffern	J.J. Daffern	1933	22	42	22.1	Kca	1,465	17.6	Apr. 14, 1937	C,W	S	Dug well. Reported yield 5 gal/min.	
36-701	A.H. Dean	Tom Week	--	45	42	30.1	Kca	1,460	13.9	June 17, 1937	H	D,S	Dug well.	
702	Bob Rebels	Robert Lee -Bob- Barnhill	1965	80	7	80	Kca	1,457	14.9	Mar. 13, 1969	S,E	Irr	Completed from 19 to 53 feet. Reported yield 20 gal/min. Pumping level 51.2 feet at 8.3 gal/min. on July 12, 1967. Power and yield test. Gravel packed. Temp 68°F. Observation well. ^{2, 3, 4}	
703	do	W.F. Smith Drig. Co.	1967	65	7	65	Kca	1,490	20.8	May 19, 1970	S,E	Irr	Slotted from 25 to 50 feet. Pump set at 63 feet. Reported yield 50 gal/min. Power and yield test. Gravel packed. Temp 77°F. ⁴	
704	Bob Rebels	W.F. Smith Drig. Co.	1967	65	8	65	Kca	1,490	24.3	May 19, 1970	S,E	Irr	Slotted from 25 to 50 feet. Pump set at 63 feet. Reported yield 50 gal/min. Gravel packed. ⁴	
705	do	do	1967	65	8	65	Kca	1,493	17.4	do	S,E	Irr	Slotted from 25 to 50 feet. Pump set at 63 feet. Reported yield 50 gal/min. Gravel packed. ⁴	
706	Dalton Covington	Robert Lee -Bob- Barnhill	1965	70	8	70	Kca	1,452	18.0	Oct. 21, 1965	S,E	Irr	Reported yield 70 gal/min. Gravel packed.	
707	do	do	1965	70	8	70	Kca	1,452	14.5	do	1/2	Irr	Reported yield 45 gal/min. Gravel packed.	
708	do	do	1965	70	8	70	Kca	1,450	11.2	do	S,E	Irr	Gravel packed.	
709	B.B. Freeman	do	1967	73	6	73	Kca	1,455	--	--	1/2	N	Unused irrigation well. Gravel packed.	
710	Bob Reyels	do	1965	70	7	70	Kca	1,465	18	Nov. 6, 1965	N	Irr	Slotted from 16 to 60 feet. Reported yield 10 gal/min. Gravel packed.	
711	do	do	1965	63	7	63	Kca	1,468	--	--	N	N	Slotted from 17 to 57 feet. Reported yield 10 gal/min. Gravel packed. Unused irrigation well. ¹	

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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			
31-36-712	Bob Reyels	do	1965	60	7	60	Kca	1,462	16	Nov. 13, 1965	S,E	Irr	Slotted from 15 to 50 feet. Reported yield 10 gal/min. Gravel packed.	
713	Ronnie Love	do	1966	62	7	62	Kca	1,482	26	Nov. 17, 1966	S,E	Irr	Slotted from 28 to 54 feet. Pump set at 55 feet. Gravel packed.	
714	B.B. Freeman	do	--	55	6	55	Kca	1,448	--	--	N	N	Perforated. Gravel packed. ¹ Unused irrigation well.	
715	Ronnie Love	do	1970	64	6	64	Kca	1,472	--	--	S,E	Irr	Perforated. Reported yield 65 gal/min. Gravel packed.	
41-101	R.T. Porter	--	1919	50	6	48	Kca	1,650	6.5	May 10, 1937	C,W	D,S	Perforated.	
102	R.H. Walker	A. Ramsower	1931	65	5	62	Kca	1,570	15.7	do	C,W	D,S	Perforated.	
103	E.C. Duncan	do	1930	209	5	169.5	Ph	1,570	28.7	do	--	D,S		
301	Carl Kimbrough	A. Ramsower	1926	24	36	24	Kca	1,570	8.1	May 5, 1937	H	N	Dug well. Unused domestic and stock well.	
401	D.D. Dent	Joe D. Tucker	1968	52	6	52	Kca	1,640	8.9	Apr. 10, 1970	S,E	D,S	Reported yield 10 gal/min.	
402	Mrs. Anna Reich	Joe D. Tucker	1967	82	6	82	Kca	1,661	27.4	May 19, 1970	N	N	Reported yield 25 gal/min.	
501	Frank Swan	--	1911	22	36	22	Kca	1,644	13.9	May 10, 1937	H	D,S	Dug well.	
502	Ernest Reich	Todd Drilling Co.	1966	128	8	128	Kca	1,635	--	--	S,E	Irr		
701	(Genex Report) C. Livingston	Sam Hitt	1987	187	5	163	Kca,	1,665	7.3	May 17, 1937	T,E	D,S	Temp 64°F. ³	
801	T.L. Lassiter	J.R. McKinney	1927	31	36	31	Ph	1,610	5.24	May 5, 1969	C,W	P	Dug well.	
901	Chas. Gilbert	--	1918	20	12	6.8	Kca	1,585	4.0	May 10, 1937	C,W	N	Well caved.	
903	Glenn Justice	C.E. Reynolds	1965	54	5	54	Kca	1,598	10.5	Apr. 27, 1937	S,E	Irr	Perforated from 36 to 46 feet. Gravel packed.	
904	do	do	1965	53	8	53	Kca	1,593	19.5	do	S,E	Irr	Slotted from 32 to 45 feet. Gravel packed.	
905	do	Wylie Drifg. Co.	1967	68	8	68	Kca	1,590	19.4	do	S,E	Irr	Slotted from 33 to 68 feet. Gravel packed.	
906	do	do	1967	53	8	53	Kca	1,590	14.1	do	S,E	Irr	Slotted from 23 to 53 feet. Gravel packed.	
907	do	do	1966	53	8	56	Kca	1,590	18.0	do	S,E	Irr	Perforated 12 to 46 feet. Gravel packed.	
908	W.L. Bledsoe	Ardean Kimmell Irrigation Service	1967	42	6	42	Kca	1,612	27.4	May 19, 1970	N	N	Perforated 10 to 42 feet. Reported yield 25 gal/min. Gravel packed. ¹ Unused irrigation well.	
909	Leonard Bledsoe	Robert Lee	1967	46	6	42	Kca	1,613	26.7	do	N	N	Perforated. Gravel packed. ¹ Unused irrigation well.	
910	Glenn Justice	do	1965	62	5	42	Kca	1,593	--	do	N	N	Perforated. Gravel packed. Unused irrigation well.	
42-201	Mrs. C.U. Connelle	--	--	30.1	12	8	Kca	1,505	10.6	May 7, 1937	C,W	S	Perforated.	
202	Finis Johnson	H.A. Collins	--	29.4	36	6	Kca	1,540	11.8	Apr. 28, 1937	H	D,S	Dug well.	
203	Mrs. W.B. Samford	--	1886	8.6	--	--	Kca	1,540	1.8	do	H	D,S	Dug well.	
402	J.D. Griffin	--	1949	90	5	--	Ph	1,585	57.2	Apr. 27, 1937	N	N	Well caved and abandoned.	
403	do	H.B. Norton	--	111	5	111	Ph	1,588	51.4	Apr. 6, 1937	P,E	D,S	Pump set at 90 feet. Reported yield 2 gal/min.	
404	John Kidd	Robert Lee	1965	65	8	65	Kca	1,568	--	Mar. 14, 1967	S,E	Irr	Reported yield 65 gal/min. Gravel packed.	
405	do	do	1969	80	6	80	Kca	1,580	--	--	S,E	Irr	Reported yield 65 gal/min. Gravel packed.	
406	do	do	1969	79	--	79	Kca	1,577	--	--	S,E	Irr	Reported yield 40 gal/min. Gravel packed.	
407	do	do	1969	70	--	70	Kca	1,573	--	--	S,E	Irr	Reported yield 40 gal/min. Gravel packed.	
408	John Kidd	Robert Lee	1969	46	--	46	Kca	1,572	--	--	S,E	Irr	Reported yield 40 gal/min. Gravel packed.	
409	do	do	1969	52	6	52	Kca	1,568	--	--	S,E	Irr	Reported yield 40 gal/min. Gravel packed.	
410	B.B. May Est.	do	1967	66	6	66	Kca	1,580	18.1	May 20, 1970	S,E	Irr	Reported yield 50 gal/min. Gravel packed.	
411	do	do	1967	62	6	62	Kca	1,575	14.9	do	3/4	Irr	Reported yield 40 gal/min. Gravel packed.	
501	S.J. Lyeria	S.J. Lyeria	1890	35	48	35	Kca	1,563	14.8	Apr. 28, 1937	C,W	D,S	Dug well.	
503	Pat McNeill	--	1929	17	24	17	Kca	1,585	12.4	Apr. 12, 1937	H	D,S	Dug well.	
504	W.H. Hoffmann	W.H. Hoffmann	1963	57	10	57	Kca	1,595	26.5	July 28, 1965	N	Irr	Pump set at 55 feet. Gravel Packed.	
505	do	do	1962	150	6	150	Kca	1,601	22.2	Apr. 6, 1966	S,E	Irr	Completed from 35 to 49 feet and 72 to 83 feet. ³	
506	do	do	1962	136	6	136	Kca	1,608	37.2	July 28, 1965	N	Irr	Gravel packed.	

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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			
31-42-507	W. H. Hoffmann	do	1964	202	10	--	Kca	1,614	--	--	N	Irr	Open hole completion. Gravel packed.
508	R. G. Lyerla	W.F. Smith Drilling Co.	1967	43	6	43	Pn Kca	1,560	9.5	Jan. 21, 1969	S.E	Irr	Pump set at 40 feet. Estimated yield 30 gal/min.
509	do	do	1967	31	6	31	Kca	1,562	--	--	1/2	Irr	Pump set at 28 feet. Gravel packed. ⁴
510	Mrs. J.S. Turner	do	1890	36	36	36	Kca	1,572	18.8	Mar. 5, 1969	N	N	Dug well shored with rock from 36 feet to surface. Temp 65°F. Owner reported water saline.
511	K.M. Turner	C.E. Reynolds	1966	83	8	83	Kca	1,562	12.9	May 21, 1970	S.E	Irr	Slotted 26 to 40 feet, 57 to 73 feet. Measured yield 16 gal/min. Temp 66°F. ⁴
512	do	do	1966	85	8	85	Kca	1,565	15.4	May 20, 1970	S.E	Irr	Slotted 16 to 48 feet, 61 77 feet. ^{2,4}
513	do	do	1966	88	8	88	Kca	1,562	16.8	do	1/2	Irr	Slotted from 33 to 80 feet. ^{2,4}
514	do	Carson Drig. Co.	1967	76	8	76	Kca	1,563	--	--	S.E	Irr	Slotted. Gravel packed. ⁴
515	Buster Hanson	Hester Drig. Co.	1967	48	8	48	Kca	1,595	17.4	Feb. 12, 1971	N	Irr	Perforated 17 to 30 feet, 31 to 43 feet. Gravel packed.
516	do	do	1967	62	8	62	Kca	1,600	26.2	Feb. 22, 1971	S.E	Irr	Slotted 22 to 52 feet. Gravel packed.
517	Buster Hanson	Hester Drig. Co.	1967	55	8	55	Kca	1,608	32.5	Feb. 22, 1971	S.E	Irr	Slotted 22 to 52 feet. Gravel packed.
518	H.C. Jordan	Robert (Bob) Barnhill	1971	65	6	52	Kca	1,557	21.4	July 27, 1972	N	N	Perforated. Reported yield 30 gal/min. Gravel packed. Unused irrigation well.
519	do	do	1971	62	6	62	Kca	1,548	9.5	do	N	N	Perforated. Reported yield 75 gal/min. Gravel packed. Unused irrigation well.
601	B.H. Harbin	B.H. Harbin	1927	27	48	12	Kca	1,530	19.6	Apr. 29, 1937	H	S	Dug well.
602	C.L. Yancey	do	1914	42.5	48	--	Kca	1,535	21.2	May 7, 1937	H	D,S	Dug well.
603	Paul Norris	Robert Lee -Bob- Barnhill	1969	60	6	60	Kca	1,528	14.7	May 21, 1970	S.E	Irr	Perforated. Reported yield 50 gal/min. Gravel packed.
604	do	do	1969	66	6	66	Kca	1,537	33.8	do	S.E	Irr	Perforated. Reported yield 60 gal/min. Gravel packed.
605	do	do	1969	60	--	--	Kca	1,540	27.6	do	S.E	Irr	Perforated. Reported yield 60 gal/min. Gravel packed.
606	Mesa Irrigation Co.	Lightfoot and McCrum	1968	70	8	65	Kca	1,523	3	July 11, 1968	S,E	Irr	Slotted 18 to 25 feet, 50 to 63 feet. ⁴
607	do	do	1968	75	8	50	Kca	1,521	8.9	Sept. 10, 1970	N	N	Slotted 18 to 25 feet. Reported yield 25 gal/min. Gravel packed. Unused irrigation well. ¹
608	do	do	1968	74	8	74	Kca	1,529	5	July 15, 1968	S,E	Irr	Slotted 15 to 40 feet, 63 to 67 feet. Reported yield 77 gal/min. ⁴
609	do	do	1968	78	8	78	Kca	1,532	6	July 18, 1968	S,E	Irr	Slotted 18 to 20 feet, 63 to 67 feet. Reported yield 55 gal/min. ⁴
610	do	do	1968	85	8	65	Kca	1,515	3.7	July 21, 1970	S,E	Irr	Slotted 15 to 20 feet, 35 to 55 feet. Temp 68°F. ⁴
611	Rollo Tinker	Robert Lee -Bob- Barnhill	1966	85	8	85	Kca	1,514	--	--	S,E	Irr	Pumping level 55.0 feet. Gravel packed.
612	do	do	1966	78	8	78	Kca	1,512	42.5	Sept. 29, 1970	S,E	Irr	Slotted 40 to 65 feet. Gravel packed. Temp 66°F.
613	do	do	1967	73	8	73	Kca	1,510	40.6	--	S,E	Irr	Slotted 40 to 65 feet. Gravel packed.
614	do	do	1968	72	8	65	Kca	1,515	--	--	N	Irr	Slotted 30 to 65 feet. Gravel packed.
615	Charles Little	do	1968	73	6	73	Kca	1,533	22.2	Feb. 9, 1971	S,E	Irr	Slotted 20 to 50 feet. Reported yield 45 gal/min. Temp 68°F.
616	Charles Little	Robert Lee -Bob- Barnhill	1968	60	6	60	Kca	1,533	24.3	Oct. 7, 1970	S,E	Irr	Reported yield 55 gal/min. Gravel packed.
617	do	do	1968	66	6	66	Kca	1,535	25.3	do	1/2	Irr	
618	Mesa Irrigation Co.	Comco Drig. Co.	1965	70	8	70	Kca	1,526	9.2	Oct. 21, 1970	S,E	Irr	Gravel packed. ⁴
619	do	do	1965	83	8	83	Kca	1,528	13.9	do	S,E	Irr	Gravel packed. ⁴
620	Paul Norris	Robert Lee -Bob- Barnhill	1969	76	8	76	Kca	1,557	34	Dec. 3, 1969	S,E	Irr	Pump set at 75 feet. Reported yield 92 gal/min. Gravel packed.
621	do	do	1969	79	8	79	Kca	1,560	40	Dec. 9, 1969	S,E	Irr	Reported yield 55 gal/min. Gravel packed.

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - Continued**

Well	Owner	Driller	Date Completed	Casing		Water-bearing unit	Water level			Use of water	Remarks
				Depth of Well (ft)	Diameter (in)		Depth (ft)	Altitude of land surface (ft)	Below land-surface datum (ft)		
31-42-622	Paul Norris	do	1969	81	8	Kca	1,564	27	S.E.	Irr	Pump set at 80 feet. Reported yield 55 gal/min. Gravel packed.
623	Larry Morrow	do	1969	80	8	Kca	1,545	23	S.E. 3	Irr	Reported yield 250 gal/min. Gravel packed. Temp 67°F.
624	do	do	1969	75	8	Kca	1,550	20	S.E. 10	Irr	Reported yield 250 gal/min. Gravel packed.
625	do	do	1969	88	8	Kca	1,555	22	N	Irr	Reported yield 60 gal/min. Gravel packed.
626	Charles Little	do	1970	62	6	Kca	1,535	22.2	S.E. 1 1/2	Irr	Reported yield 60 gal/min. Gravel packed.
627	James Hughes	do	1970	60	6	Kca	1,545	28	S.E.	Irr	Perforated from 20 to 60 feet. Pump set at 55 feet. Reported yield 60 gal/min. Temp 67°F. Gravel packed.
628	do	do	1970	65	6	Kca	1,545	28	S.E. 1	Irr	Perforated from 30 to 65 feet. Pump set at 60 feet. Reported yield 60 gal/min. Gravel packed.
629	do	do	1971	63	6	Kca	1,542	--	S.E. 1	Irr	Reported yield 60 gal/min. Gravel packed.
630	do	do	1971	60	6	Kca	1,540	--	S.E.	Irr	Reported yield 50 gal/min. Gravel packed.
702	B.M. Campbell	C.E. Reynolds	1966	102	8	Kca	1,605	--	S.E. 1	Irr	Slotted 29 to 49 feet, 66 to 94 feet. Gravel packed.
703	B.M. Campbell	C.E. Reynolds	1966	102	8	Kca	1,606	21.5	N	N	Slotted 25 to 45 feet, 80 to 93 feet. Gravel packed. Unused irrigation well.
704	J.E. McDaniel	do	1965	148	8	Kca	1,596	3.7	S.E. 2	Irr	Slotted 112 to 136 feet. Power and yield test. Gravel packed. ⁴
705	do	do	1965	149	5	Kca	1,595	15.7	S.E. 1 1/2	Irr	Slotted 105 to 137 feet.
706	do	do	1966	65	5	Kca	1,597	5.0	S.E.	Irr	Perforated 13 to 32 feet, 36 to 44 feet and 54 to 64 feet. Gravel packed. ⁴
707	do	do	1966	71	6	Kca	1,598	1.6	S.E. 3/4	Irr	Perforated 14 to 31 feet, 33 to 42 feet and 50 to 62 feet. Gravel packed. ⁴
708	do	do	1966	62	5	Kca	1,599	2.6	S.E.	Irr	Slotted 10 to 20 feet and 28 to 43 feet. Pump set at 43 feet.
709	Glenn Justice	Robert Lee -Bob- Barnhill	1969	47	8	Kca	1,582	4.8	S.E. 1 1/2	Irr	Reported yield 70 gal/min. Gravel packed.
710	do	do	1969	48	8	Kca	1,572	4.7	S.E.	Irr	Reported yield 70 gal/min. Gravel packed.
711	do	do	1969	50	8	Kca	1,578	4.3	S.E. 1/2	Irr	Slotted 10 to 20 feet and 28 to 45 feet. Pump set at 45 feet.
712	do	do	1969	60	6	Kca	1,585	4.7	S.E. 1 1/2	Irr	Slotted 10 to 20 feet and 28 to 45 feet. Pump set at 55 feet.
713	do	do	1969	58	8	Kca	1,580	2.9	S.E. 1 1/2	Irr	Slotted 10 to 20 feet, 28 to 53 feet. Pump set at 53 feet. Reported yield 90 gal/min. Temp 67°F. Gravel packed.
714	do	do	1969	60	8	Kca	1,579	8.7	S.E.	Irr	Slotted 10 to 20 feet and 28 to 55 feet. Pump set at 55 feet. Reported yield 80 gal/min. Gravel packed.
715	Ed Stacey	C.E. Reynolds	1966	72	8	Kca	1,592	17.2	S.E. 1 1/2	Irr	Slotted 31 to 45 feet and 55 to 70 feet. Gravel packed.
716	do	do	1966	68	8	Kca	1,591	14.4	N	N	Slotted 28 to 40 feet and 54 to 66 feet. Gravel packed. Unused irrigation well.
717	do	do	1966	69	8	Kca	1,592	15.8	S.E.	Irr	Slotted 30 to 40 feet and 43 to 67 feet. Temp 66°F. ^{2,4}
718	Glenn Justice	Curtis Alford Drilling & Well Service	1968	51	8	Kca	1,573	--	S.E. 1	Irr	Slotted
719	Fred Watkins	Robert Lee -Bob- Barnhill	1969	53	6	Kca	1,584	5.5	N	N	Gravel packed. Unused irrigation well.
720	do	do	1969	52	6	Kca	1,584	--	N	N	Gravel packed. Unused irrigation well.
721	do	do	1969	52	6	Kca	1,588	6.4	N	N	Gravel packed. Unused irrigation well.
722	do	do	1969	52	6	Kca	1,588	--	N	N	Gravel packed. Unused irrigation well.
723	Cecil Self	Curtis Alford Drilling & Well Service	1969	64	8	Kca	1,577	27.5	S.E. 2	Irr	Slotted. Reported yield 40 gal/min. Gravel packed. Temp 68°F.

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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			
*31-42-724	Cecil Self	do	1969	61	6	61	Kca	1,577	32.6	do	S.E.	Irr	Reported yield 20 gal/min. Gravel packed. ¹	
725	do	do	1969	64	6	63	Kca	1,576	9.5	do	N	N	Reported yield 20 gal/min. Gravel packed. ¹ Unused irrigation well. Gravel packed. Unused irrigation well.	
726	do	do	1969	58	6	58	Kca	1,577	--	do	N	N	Slotted 10 to 30 feet, 35 to 45 feet, 60 to 65 feet, 92 to 100 feet.	
727	S.E. Keith, Jr. & H.D. Keith	Ardean Kimmell Irrigation Service	1968	110	6	110	Kca	1,598	11.4	July 23, 1970	S.E.	D	Pump set at 95 feet. Reported yield 15 gal/min. Temp 68°F.	
728	S.E. Keith Jr.	do	1968	114	6	114	Kca	1,615	--	--	N	N	Slotted 22 to 42 feet, 75 to 96 feet. Gravel packed. Unused irrigation well.	
729	J.E. Jackson	C.E. Reynolds	1966	108	8	86	Kca	1,594	23.2	July 23, 1970	N	N	Slotted 36 to 58 feet, 70 to 77 feet, 80 to 86 feet. Reported yield 25 gal/min. Gravel packed. ² Unused irrigation well.	
730	do	do	1966	82	8	82	Kca	1,595	24.0	do	N	N	Slotted 44 to 62 feet, 70 to 76 feet. Reported yield 25 gal/min. Gravel packed. ¹ Unused irrigation well.	
731	do	do	1966	70	8	65	Kca	1,587	9.8	do	N	N	Slotted 9 to 37 feet, 45 to 57 feet. Reported yield 25 gal/min. Gravel packed. ¹ Unused irrigation well.	
732	J.E. McDaniel	Hester Drfg. Co.	1967	76	8	76	Kca	1,607	--	--	S.E.	Irr	Slotted 30 to 35 feet, 62 to 75 feet. Gravel packed.	
733	Kirk Slater	do	1967	110	8	110	Kca	1,594	--	--	N	N	Perforated 65 to 103 feet. Gravel packed. Unused irrigation well.	
734	Glenn Justice	Bob Barnhill	1970	50	6	50	Kca	1,573	1	Mar. 29, 1970	N	N	Reported yield 40 gal/min. Gravel packed. Unused irrigation well.	
801	Henry Collins	do	1906	90	36	47	Kca	1,640	31.5	Apr. 12, 1937	H	D.S	Dug well. Unused public supply well.	
802	City of Carbon	W.P.A. Labor	1933	13.1	36	13	Kca	1,595	5.0	do	H	N	Dug well. Unused public supply well.	
803	Mrs. J.A. Hearn	John Adams	1908	80	6	52.5	Kca	1,585	35.3	Apr. 12, 1937	C.W	D.S	Dug well.	
804	W.H. Gilbert	Skinner & Moore	1934	20	36	18.1	Kca	1,585	11.7	do	H	S	Completed 50 to 80 feet. Pump set at 62 feet. Reported yield 65 gal/min. Gravel packed.	
805	Clyde Barbee	Watson Drilling Co.	1965	80	8	80	Kca	1,598	30.2	Oct. 20, 1965	N	Irr	Completed from 35 to 65 feet. Pump set at 60 feet. Reported yield 60 gal/min. Gravel packed. Temp 67°F. ³	
806	do	do	1965	65	8	65	Kca	1,609	31.8	Apr. 6, 1966	N	Irr	Completed from 35 to 65 feet. Pump set at 60 feet. Reported yield 80 gal/min.	
807	do	do	1965	65	8	65	Kca	1,598	29.2	Oct. 20, 1965	S.E.	Irr	Completed from 35 to 65 feet. Pump set at 60 feet. Reported yield 80 gal/min.	
808	do	do	1965	70	8	70	Kca	1,598	36.1	do	1 1/2	Irr	Completed from 35 to 65 feet. Pump set at 60 feet. Reported yield 40 gal/min. Gravel packed.	
809	Cecil Self	Carson Drilling & Pump Co.	1965	83	8	83	Kca	1,595	--	--	S.E.	Irr	Reported yield 40 gal/min. Gravel packed.	
810	do	do	1965	58	12	8	Kca	1,578	--	--	2	Irr	Slotted. Reported yield 60 gal/min. Temp 65°F. ^{2,4}	
811	do	do	1965	50	12	15	Kca	1,576	--	--	3	Irr	Reported yield 80 gal/min. Measured yield 12 gal/min. ⁴	
812	do	do	1965	49	12	49	Kca	1,581	--	--	5	Irr	Measured yield 14 gal/min. ⁴	
813	do	do	1965	60	12	31	Kca	1,595	--	--	3	Irr	Reported yield 80 gal/min.	
814	do	do	1965	57	12	40	Kca	1,596	--	--	5	Irr	Perforated. Reported yield 155 gal/min. Gravel packed.	
815	do	do	1967	55	8	55	Kca	1,594	12	Jan. 17, 1967	7 1/2	Irr		
816	do	do	1967	56	8	56	Kca	1,594	13	-- -- 1967	5	Irr	Gravel packed.	
817	do	do	1967	55	8	55	Kca	1,594	12	Feb. 21, 1967	3	Irr	Gravel packed.	
818	do	Robert Lee -Bob-Barnhill	1968	55	8	55	Kca	1,589	24	Feb. 9, 1968	3	Irr	Slotted. Gravel packed. ⁴	
819	do	do	1968	70	8	70	Kca	1,602	36	Feb. 13, 1968	2	N	Slotted. Gravel packed. Unused irrigation well.	
820	Cecil Self	Robert Lee -Bob-Barnhill	1968	59	8	59	Kca	1,595	26	Feb. 27, 1968	S.E.	Irr	Slotted. Gravel packed.	
821	Wesley Warren	Curtis Alford Drilling & Well Service	1969	73	6	73	Kca	1,601	--	--	2	Irr	Perforated 35 to 64 feet. Reported yield 45 gal/min. Gravel packed.	
822	do	do	1969	75	5	75	Kca	1,611	--	--	2	N	Perforated. Reported yield 40 gal/min. Gravel packed. Unused irrigation well.	
823	do	do	1969	82	5	82	Kca	1,595	--	--	N	N	Perforated. Reported yield 35 gal/min. Gravel packed.	

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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				
31-42-824	Wesley Warren	do	1969	84	6	84	Kca	1,609	--	--	S,E 2	Irr	Perforated. Reported yield 40 gal/min. Gravel packed.	
* 825	do	do	1969	79	6	79	Kca	1,622	53.4	July 29, 1970	S,E 1	Irr	Perforated. Reported yield 40 gal/min. Temp 68°F.	
826	Wesley Warren	Curtis Alford Drilling & Well Service	1969	87	6	87	Kca	1,613	--	--	S,E 1	Irr	Perforated. Reported yield 50 gal/min. Gravel packed..	
* 827	do	do	1967	60	8	60	Kca	1,593	35.8	July 28, 1970	S,E 1 1 1/2	Irr	Completed from 35 to 55 feet. Gravel packed. Temp 68°F.	
828	do	do	1967	55	5	55	Kca	1,587	7.5	Sept. 10, 1970	N N	N	Abandoned irrigation well ¹	
829	Jerry McHeffey	Sanders Drig. Co.	1969	100	5	80	Kca	1,605	--	--	S,E 3/4	Irr	Perforated 33 to 80 feet. Gravel packed.	
* 830	do	do	1969	80	5	79	Kca	1,605	--	--	S,E 1 1/2	Irr	Perforated 29 to 79 feet. Pump level 30.13 feet on Sept. 15, 1970. Gravel packed. Temp 68°F.	
831	do	do	1969	80	5	60	Kca	1,608	--	--	S,E 1 1/2	Irr	Perforated 30 to 60 feet. Gravel packed.	
832	do	do	1969	80	5	80	Kca	1,609	--	--	S,E 1 1/2	Irr	Perforated 40 to 80 feet. Gravel packed.	
833	do	do	1969	80	5	80	Kca	1,613	--	--	S,E 1 1/2	Irr	Perforated 40 to 80 feet. Gravel packed.	
834	Cecil Self	Carson Drig. Co.	1966	45	8	45	Kca	1,576	12.6	Oct. 21, 1970	S,E 1 1/2	Irr	Slotted 20 to 36 feet. Reported yield 20 gal/min. Gravel packed. ⁴	
835	B.E. Hanson	do	1966	55	12	34	Kca	1,589	14.1	Feb. 12, 1971	S,E 5	Irr	²	
* 836	Leonard Bledsoe	Robert Lee -Bob-Barnhill	1970	63	7	63	Kca	1,575	17.6	Feb. 23, 1971	S,E 5	Irr	Perforated. Reported yield 50 gal/min. Gravel packed. Temp 68°F.	
837	Leonard Bledsoe	Robert Lee -Bob-Barnhill	1970	63	7	63	Kca	1,575	17.6	Feb. 23, 1971	S,E 1/2	Irr	Perforated. Reported yield 50 gal/min. Gravel packed. Temp 68°F.	
* 838	do	do	1970	56	--	56	Kca	1,563	8.7	do	S,E	Irr	Perforated. Reported yield 40 gal/min. Temp. 66°F.	
839	do	do	1970	73	6	73	Kca	1,592	--	--	N	N	Perforated. Reported yield 40 gal/min. ¹ Unused irrigation well.	
840	do	do	1970	68	6	68	Kca	1,580	--	--	N	N	Perforated. ¹ Unused irrigation well.	
841	do	do	1970	63	6	63	Kca	1,573	--	--	N	N	Reported yield 50 gal/min. Gravel packed. Unused irrigation well.	
842	do	do	1970	61	6	61	Kca	1,568	--	--	N	N	Perforated. Reported yield 60 gal/min. Gravel packed. Unused irrigation well.	
* 843	Kirk Slater, Sr.	Hester Drig. Co.	1967	37	8	37	Kca	1,575	17	Mar. 20, 1967	S,E	Irr	Slotted 17 to 30 feet. Gravel packed. Temp. 68°F.	
844	do	do	1967	57	8	57	Kca	1,588	15	Mar. 16, 1967	S,E	Irr	Slotted 15 to 54 feet. Gravel packed. ²	
845	do	do	1967	65	8	65	Kca	1,600	12	Mar. 17, 1967	S,E	Irr	Slotted 12 to 33 feet. 38 to 62 feet. Gravel packed. ²	
846	do	do	1967	59	8	59	Kca	1,595	24	Mar. 18, 1967	S,E	Irr	Slotted 24 to 56 feet. Gravel packed. ²	
847	Kirk Slater, Sr.	do	1967	43	8	43	Kca	1,577	--	--	S,E	Irr	Slotted 14 to 25 feet, 30 to 41 feet. Reported yield 50 gal/min. Gravel packed. ²	
848	Cecil Self	Curtis Alford Drig. & Well Service	1970	66	5	66	Kca	1,600	--	--	S,E 1	Irr	Perforated. Reported yield 25 gal/min. Gravel packed.	
849	do	do	1970	65	5	65	Kca	1,598	--	--	S,E	Irr	Do.	
850	do	do	1970	62	5	62	Kca	1,598	--	--	S,E	Irr	Perforated 9 to 36 feet. Reported yield 60 gal/min. Gravel packed.	
* 851	Palmer Stokes	Robert -Bob-Barnhill	1971	40	6	40	Kca	1,573	6.0	July 27, 1972	C,E 1 1/2	Irr	Temp. 70°F.	
901	Rollo Tinkler	Robert Lee -Bob-Barnhill	1965	85	8	85	Kca	1,511	27.2	Oct. 20, 1965	S,E	Irr	Completed from 35 to 65 feet. Pump set at 70 feet. Measured yield 34.3 gal/min. Gravel packed. ⁴	
* 902	do	do	1965	92	5	92	Kca	1,511	28.5	Apr. 6, 1966	S,E 2	Irr	Pumping level 61.6 feet at 64.8 gal/min. on Aug. 19, 1966. Gravel packed. Temp. 67°F. ²⁴	
903	J.F. Guy	Carson Drilling Co.	1966	91	12	35	Kca	1,510	15	Sept. 29, 1970	S,E 5	Irr	Slotted 35 to 85 feet. Pump set at 80 feet. Reported yield 70 gal/min. ⁴	
904	J.F. Guy	Carson Drilling Co.	1966	72	12	20	Kca	1,502	10	Feb. 9, 1966	S,E 7 1/2	Irr	Slotted 21 to 62 feet. Pump set at 60 feet. Reported yield 145 gal/min. ⁴	
905	do	do	1966	68	12	17	Kca	1,502	10	Feb. 20, 1966	S,E 7 1/2	Irr	Slotted 17 to 58 feet. Pump set at 50 feet. Reported yield 175 gal/min. ⁴	
906	do	do	1966	82	12	18	Kca	1,505	10	Feb. 21, 1966	S,E 5	Irr	Open hole completion 18 to 82 feet. Reported yield 50 gal/min. ⁴	
907	do	do	1966	65	12	16	Kca	1,497	10	Feb. 24, 1966	S,E 7 1/2	Irr	Slotted 16 to 53 feet. Reported yield 120 gal/min. ⁴	

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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			
31-42-908	J. F. Guy	do	1966	70	12	20	Kca	1,497	10	Mar. 9, 1966	-	N	Completed from 23 to 58 feet. Reported yield 50 gal/min. Unused irrigation well.
909	B.E. Hanson	do	1966	49	12	70	Kca	1,588	13.5	June 9, 1970	S,E	Irr	Slotted 35 to 47 feet. Gravel packed. ²
910	do	do	1966	43	12	49	Kca	1,590	17.5	Feb. 12, 1971	3	N	Slotted 20 to 35 feet and 37 to 42 feet. Cemented from 36 to 37 feet. ² Unused irrigation well.
911	do	do	1966	46	16	-	Kca	1,592	21.5	June 9, 1970	N	N	Slotted. Gravel packed. Unused irrigation well. ²
912	do	do	1966	55	6	55	Kca	1,589	13.2	Feb. 12, 1971	S,E	Irr	Slotted.
913	Bobby Carlton	Robert Lee -Bob-Barnhill	1965	59	5	59	Kca	1,498	-	-	S,E	D	Perforated 18 to 48 feet. Gravel packed.
914	W.E. Reynolds	W.F. Smith Drig. Co.	1966	28	8	28	Kca	1,555	-	-	J,E	Irr	Slotted. Gravel packed.
915	do	do	1966	21	8	21	Kca	1,561	11.1	June 23, 1970	J,E	Irr	Slotted. Gravel packed. Temp. 68°F.
916	do	do	1966	33	8	33	Kca	1,567	-	-	J,E	Irr	Slotted. Gravel packed.
917	do	do	1966	38	8	38	Kca	1,567	-	-	J,E	Irr	Slotted. Gravel packed.
918	do	Robert Lee -Bob-Barnhill	1968	28	6	28	Kca	1,572	-	-	J,E	Irr	Perforated.
919	do	do	1968	43	6	43	Kca	1,568	-	-	J,E	Irr	Perforated.
920	Rollo Tinkler	do	1967	82	6	82	Kca	1,503	29.3	Sept. 29, 1970	T,E	Irr	Slotted 55 to 75 feet. Gravel packed.
921	Buster Hanson	Hester Drig. Co.	1967	50	8	50	Kca	1,575	25	Mar. 10, 1967	N	N	Plugged irrigation well.
922	W.E. Reynolds	Robert Lee -Bob-Barnhill	1970	46	8	46	Kca	1,580	-	-	S,E	Irr	Reported yield 30 gal/min.
43-301	Alameda School	-	1912	23	36	22.8	Pn	1,368	12.6	Apr. 16, 1937	N	N	Abandoned public supply dug well. Reported yield 10 gal/min.
402	R. McNeely	R. McNeely	-	25.4	48	7	Kca	1,468	15.5	Apr. 1, 1966	-	D,S	
403	Dr. W.E. Kimball	W.H. Loy	1926	15.8	48	15.8	Kca	1,500	9.8	Mar. 14, 1967	C,W	D,S	Dug well.
404	C.N. Adams	Carson Drilling Co.	1965	100	8	100	Kca	1,525	4.3	Apr. 29, 1937	H	Irr	Completed from 35 to 86 feet. Pump set at 80 feet. Reported yield 70 gal/min. Gravel packed.
405	Charles Little	Lee-Barnhill	1968	73	6	73	Kca	1,509	38.2	do	3	Irr	Slotted 40 to 65 feet.
406	do	do	1968	80	6	80	Kca	1,509	-	May 21, 1970	S,E	Irr	Gravel packed.
407	do	do	1968	86	6	86	Kca	1,513	35.6	do	1 1/2	Irr	Slotted 40 to 75 feet.
408	Bobby Carlton	do	1967	76	5	76	Kca	1,514	35	May 21, 1970	S,E	Irr	Reported yield 40 gal/min.
409	do	do	1967	80	8	80	Kca	1,518	35	Jan. 23, 1967	S,E	Irr	Gravel packed. ³
410	do	do	1967	80	6	80	Kca	1,520	-	Jan. 25, 1967	3	Irr	Reported yield 40 gal/min.
411	do	do	1967	87	8	87	Kca	1,518	45	do	1 1/2	Irr	Slotted. Reported yield 90 gal/min.
412	do	do	1967	80	6	80	Kca	1,525	-	Jan. 31, 1967	3	Irr	Perforated. Reported yield 75 gal/min.
413	do	do	1968	84	6	84	Kca	1,525	-	-	3	Irr	Reported yield 50 gal/min. Gravel packed.
414	do	do	1968	80	6	80	Kca	1,525	-	-	S,E	Irr	Reported yield 70 gal/min. Gravel packed.
415	do	do	1968	82	6	82	Kca	1,521	-	-	S,E	Irr	Reported yield 60 gal/min. Gravel packed.
416	J.N. Jordan	do	1966	50	8	50	Kca	1,460	12	Apr. 13, 1966	1 1/2	Irr	Reported yield 50 gal/min. Gravel packed.
417	J.N. Jordan	Lee-Barnhill	1966	42	8	42	Kca	1,460	6	Apr. 19, 1966	S,E	Irr	Slotted 18 to 36 feet. Reported yield 100 gal/min. Gravel packed.

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - Continued**

Well	Owner	Driller	Date Completed	Casing			Water-bearing unit	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
				Depth of Well (ft)	Diameter (in)	Depth (ft)			Below land-surface datum (ft)	Date of measurement			
*31-43-418	J. N. Jordan	do	1966	50	8	50	Kca	1,460	7.4	Oct. 13, 1970	S,E 1	Irr	Slotted 15 to 41 feet. Reported yield 30 gal/min. Gravel packed. Temp. 70°F.
419	do	do	1966	48	8	48	Kca	1,460	16	Mar. 4, 1966	S,E 1	Irr	Slotted 18 to 37 feet. Reported yield 100 gal/min. Gravel packed.
420	E.V. Everton	do	1968	55	8	55	Kca	1,468	20.0	Oct. 7, 1970	S,E 3/4	Irr	Perforated 33 to 43 feet. Pump set at 45 feet. Reported yield 90 gal/min. Temp. 73°F.
421	J.N. Jordan	do	1970	42	6	42	Kca	1,458	10	Jan. 16, 1970	S,E 1 1/2	Irr	Slotted 15 to 38 feet. Reported yield 70 gal/min. Gravel packed.
422	Charles Little	do	1971	85	6	85	Kca	1,512	35	May 3, 1971	N	Irr	Reported yield 80 gal/min. Gravel packed.
423	do	do	1971	83	6	83	Kca	1,513	38	May 5, 1971	N	Irr	Reported yield 70 gal/min. Gravel packed.
424	J.N. Jordan	do	1971	40	6	40	Kca	1,463	19	May 31, 1971	S,E	Irr	Reported yield 80 gal/min. Gravel packed.
425	Bo Caraway	do	1971	42	6	42	Kca	1,512	15.9	May 25, 1972	S,E	Irr	Reported yield 90 gal/min.
426	do	do	1971	45	6	45	Kca	1,514	20	Apr. 14, 1971	S,E 3/4	Irr	Perforated 20 to 40 feet. Pump set at 38 feet. Reported yield 40 gal/min. Gravel packed.
427	do	do	1971	40	6	40	Kca	1,510	27	Apr. 21, 1971	S,E 3/4	S	Perforated 15 to 40 feet. Reported yield 40 gal/min. Gravel packed. Temp. 66°F.
502	C.M. Gibbs	do	1966	35	5	20	Kca	1,420	3.7	Oct. 9, 1970	N	N	Reported yield 8 gal/min. Gravel packed. Unused irrigation well.
503	do	do	1966	24	6	24	Kca	1,425	7.1	do	N	N	Reported yield 50 gal/min. Gravel packed. Unused irrigation well.
504	J.L. Morrow	do	1966	52	5 1/2	52	Kca	1,425	4.8	Oct. 8, 1970	N	N	Reported yield 15 gal/min. Gravel packed. Unused irrigation well.
601	Jno. Alvis	-	1927	48	5	40	Kca	1,330	44.4	Apr. 19, 37C,	C,W	S	
701	D.P. Holliday	-	1915	25	48	6	Kca	1,470	15.2	Apr. 29, 1937	C,W	N	
702	V.F. Files	Carson Drilling Co.	1965	75	8	73	Kca	1,484	16.6	Sept. 27, 1966	S,E 5	Irr	Completed from 31 to 56 feet. Pump set at 70 feet. Drilled to 150 feet and plugged back to 75 feet. ^{3,4}
703	C.N. Adams	do	1965	76	8	76	Kca	1,483	15.7	Mar. 12, 1969	S,E	D,S	Completed from 31 to 54 feet. Gravel packed.
704	V.F. Files	do	1965	88	8	88	Kca	1,508	--	July 24, 1965	S,E 1	Irr	Completed from 31 to 84 feet. Pump set at 80 feet. Reported yield 70 gal/min. Gravel packed.
705	Bobby Carlton	Lee-Barnhill	1969	66	6	77	Kca	1,462	18	Jan. 23, 1969	S,E 3	Irr	Reported yield 60 gal/min. ⁴
706	do	do	1969	60	6	60	Kca	1,461	--	--	S,E 1 1/2	Irr	Reported yield 70 gal/min. ⁴
707	do	do	1969	60	6	60	Kca	1,461	--	--	S,E 1 1/2	Irr	Do.
708	do	do	1969	60	6	60	Kca	1,470	--	--	S,E 2	Irr	Reported yield 30 gal/min. Temp. 68°F.
709	do	do	1969	60	6	60	Kca	1,470	--	--	S,E 3/4	Irr	Reported yield 60 gal/min. ⁴
710	C.N. Adams	Carson Drilling Co.	1965	73	8	73	Kca	1,480	14.4	Sept. 24, 1970	S,E 3	N	Unused irrigation well. ¹
711	do	do	1965	55	24	3	Kca	1,475	10	July 30, 1965	N	N	Unused irrigation well.
712	V.F. Files	do	1965	71	12	16	Kca	1,482	15.4	Sept. 25, 1970	S,E 3	Irr	Perforated 18 to 48 feet. Cemented to 16 feet. Pump set at 56 feet. Reported yield 66 gal/min.
713	do	do	1965	96	12	16	Kca	1,489	8	Aug. 19, 1965	S,E 5	Irr	Cemented to 16 feet. Pump set at 77 feet. Reported yield 166 gal/min.
714	W.E. Reynolds	W.F. Smith	1966	80	8	80	Kca	1,485	23.7	Sept. 23, 1970	S,E 5	Irr	Slotted. Gravel packed.
715	do	do	1966	74	8	74	Kca	1,475	23.7	do	S,E 5	Irr	Do.
716	do	do	1966	80	8	80	Kca	1,485	29.1	do	S,E 5	Irr	Do.
717	do	do	1966	78	8	78	Kca	1,479	28.2	do	S,E 2	Irr	Do.
718	do	Carson Drilling Co.	1965	100	8	100	Kca	1,488	39.7	do	S,E 2	Irr	Perforated. Reported yield 30 gal/min.
719	J.V. Garrett	Lee-Barnhill	1968	60	6	60	Kca	1,473	13.9	Sept. 29, 1970	S,E 1 1/2	Irr	Slotted 16 to 48 feet.
720	do	do	1969	60	6	60	Kca	1,480	14.3	do	S,E 1	Irr	Slotted 10 to 48 feet. Gravel packed.
721	do	do	1969	58	6	58	Kca	1,470	13.0	do	S,E 1 1/2	Irr	Slotted 20 to 47 feet. Gravel packed. Temp. 68°F. ⁶

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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				
31-43-722	Joe Bob Browning	Lee-Barnhill	1969	61	6	61	Kca	1,440	10.3	Sept. 28, 1970	C/E	Irr	Slotted 18 to 55 feet. Gravel packed.	
723	do	do	1969	43	6	43	Kca	1,450	12.2	do	2,C/E 1/2	Irr	Slotted 7 to 26 feet. Gravel packed.	
724	do	do	1969	40	6	40	Kca	1,442	6.9	do	C/E	Irr	Slotted 6 to 32 feet. Temp. 67°F.	
725	L.R. Higginbotham	do	1969	54	6	54	Kca	1,470	21.1	Oct. 9, 1970	S/E 1 1/2	Irr	Reported yield 70 gal/min. Temp. 67°F.	
726	do	do	1969	51	6	51	Kca	1,470	--	--	S/E	Irr	Reported yield 40 gal/min.	
727	do	do	1969	52	--	--	Kca	1,475	--	--	1	N	Reported yield 10 gal/min. Destroyed irrigation well.	
728	do	do	1969	53	6	53	Kca	1,470	--	--	S/E	Irr	Reported yield 40 gal/min.	
729	do	do	1969	54	6	54	Kca	1,485	17.5	Oct. 9, 1970	S/E	Irr	Reported yield 65 gal/min.	
730	J.W. Henderson	do	1966	53	5	53	Kca	1,440	--	--	1/2 J/E	D/S	Reported yield 10 gal/min.	
731	L.R. Higginbotham	Lightfoot and McCrum	1965	85	5	85	Kca	1,450	15	July 16, 1965	N	N	Perforated 20 to 45 feet. Reported yield 15 gal/min. Gravel packed. Unused irrigation well.	
732	do	do	1965	43	5	43	Kca	1,450	15	July 21, 1965	N	N	Perforated 14 to 20 feet. Reported yield 15 gal/min. Gravel packed. Unused irrigation well.	
733	do	do	1965	43	5	42	Kca	1,450	15	July 19, 1965	S/E 1/2	S	Perforated 14 to 20 feet. Reported yield 15 gal/min. Gravel packed.	
734	do	do	1970	52	6	52	Kca	1,465	16	Jan. 13, 1970	S/E 1 1/2	Irr	Reported yield 35 gal/min. Gravel packed.	
735	do	do	1970	50	6	50	Kca	1,462	18	Jan. 14, 1970	S/E	Irr	Reported yield 50 gal/min. Gravel packed.	
736	Chas. & Jimmy Little	do	1970	51	6	51	Kca	1,460	6.1	Sept. 29, 1970	1 1/2 S/E	Irr	Perforated 20 to 51 feet. Reported yield 30 gal/min. Gravel packed.	
737	do	do	1970	55	6	55	Kca	1,465	10.2	do	1 1/2 S/E	Irr	Perforated 20 to 55 feet. Reported yield 30 gal/min.	
738	Chas. Little	do	1970	54	6	54	Kca	1,470	18	Mar. 3, 1970	S/E	Irr	Reported yield 40 gal/min. Gravel packed.	
739	Charles Little	Lee-Barnhill	1970	58	6	58	Kca	1,480	18	Feb. 20, 1970	3/4 S/E	Irr	Reported yield 70 gal/min. Gravel packed.	
740	do	do	1970	63	6	63	Kca	1,490	--	--	3/4 S/E	Irr	Reported yield 30 gal/min. Gravel packed.	
741	W.E. Reynolds	do	1970	70	6	70	Kca	1,480	17	May 14, 1970	S/E	Irr	Slotted. Reported yield 50 gal/min.	
742	do	do	1970	85	6	85	Kca	1,487	28	May 18, 1970	S/E	Irr	Perforated. Reported yield 50 gal/min. Gravel packed.	
743	C.N. Adams	do	1971	55	6	55	Kca	1,488	20	Mar. 22, 1971	S/E	Irr	Perforated. Reported yield 20 gal/min. Gravel packed.	
744	do	do	1971	62	6	62	Kca	1,488	21	Mar. 23, 1971	1 S/E	Irr	Do.	
745	do	do	1971	46	6	46	Kca	1,492	27	Mar. 26, 1971	1 S/E	Irr	Perforated. Pump set at 42 feet. Reported yield 60 gal/min. Gravel packed.	
746	do	do	1971	40	6	40	Kca	1,494	24.9	May 23, 1972	3 N	N	Perforated. Reported yield 20 gal/min. Gravel packed. Unused irrigation well.	
747	do	do	1971	43	6	43	Kca	1,490	27	Mar. 30, 1971	S/E 1 1/2	Irr	Perforated. Reported yield 50 gal/min. Temp. 68°F.	
748	V.L. Files	do	1971	7	6	7	Kca	1,510	--	--	S/E	Irr	Perforated. Reported yield 60 gal/min.	
749	W.E. Reynolds	do	1971	70	6	70	Kca	1,483	15.0	May 23, 1972	S/E 3	Irr	Perforated. Pump set at 65 feet. Reported yield 70 gal/min. Gravel packed.	
750	Bill Brown	do	1971	49	6	49	Kca	1,453	20	Mar. 13, 1971	S/E	Irr	Perforated. Reported yield 20 gal/min. Gravel packed.	
751	do	do	1971	49	6	49	Kca	1,463	22	Mar. 15, 1971	1/2 N	Irr	Do.	
752	do	do	1971	44	6	44	Kca	1,460	22	Mar. 16, 1971	S/E	Irr	Perforated. Estimated yield 25 gal/min. Gravel packed. Temp. 69°F.	
753	do	do	1971	46	6	43	Kca	1,448	7.4	May 25, 1972	1/2 N	Irr	Perforated. Reported yield 25 gal/min.	

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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			
31-43-754	H.I. Blancet	do	1971	30	6	30	Kca	1,435	9	May 11, 1971	S,E	D,S	Perforated 5 to 25 feet. Reported yield 50 gal/min. Gravel packed.	
755	Cecil Everton	do	1971	64	6	64	Kca	1,480	22	Apr. 27, 1971	N	Irr	Perforated. Reported yield 40 gal/min. Gravel packed.	
756	do	do	1971	45	6	45	Kca	1,468	18	Apr. 28, 1971	S,E	Irr	Perforated 20 to 40 feet. Reported yield 60 gal/min. Gravel packed. Temp. 68°F.	
801	H.L. Scitern	-- Smith	1953	18	--	--	Kca	1,400	--	July 22, 1965	T,E	Irr	Dug well.	
803	R.W. Eaves	-- Smith	1951	90	6	90	Kca	1,417	6.2	Mar. 12, 1969	S,E	N	Pump set at 83 feet. Reported yield 30 gal/min. Gravel packed. Temp. 70°F. ³ Unused irrigation well.	
804	Durwood Burgess	Curtis Alford Drilling and Well Service	1966	80	8	80	Kca	1,440	--	--	S,E	Irr	Slotted 35 to 75 feet. Pump set at 76 feet. Reported yield 30 gal/min. ⁴	
805	do	do	1966	82	8	82	Kca	1,432	--	--	S,E	Irr	Completed 35 to 77 feet. Pump set at 77 feet. Reported yield 40 gal/min. Gravel packed. ⁴	
806	R.W. Eaves	Robert Lee-Bob-Barnhill	1966	75	8	65	Kca	1,450	--	--	S,E	Irr	Perforated 20 to 55 feet. Gravel packed. ⁴	
807	do	do	1966	75	8	65	Kca	1,443	--	--	S,E	Irr	Perforated 20 to 60 feet. Gravel packed. ⁴	
808	do	do	1966	70	8	65	Kca	1,450	--	--	S,E	Irr	Perforated 30 to 60 feet. Measured yield 34.9 gal/min. Gravel packed. ⁴	
809	Vernon Wright	Curtis Alford Drilling and Well Service	1969	104	8	104	Kca	1,460	--	--	S,E	Irr	Slotted. Temp. 68°F.	
810	do	do	1969	110	6	110	Kca	1,458	--	--	S,E	Irr	Slotted.	
811	do	do	1969	101	6	101	Kca	1,462	--	--	S,E	Irr	Slotted.	
812	do	do	1969	104	6	104	Kca	1,467	--	--	S,E	Irr	Slotted.	
813	Claude Fuller	Lee-Barnhill	1965	116	8	102	Kca	1,450	30	Nov. 20, 1965	S,E	Irr	Slotted.	
814	do	do	1965	100	8	100	Kca	1,455	44	Nov. 21, 1965	S,E	Irr	Slotted. Gravel packed. ²	
815	do	do	1969	85	6	85	Kca	1,443	--	--	S,E	Irr	Perforated. Gravel packed.	
816	do	do	1969	81	6	81	Kca	1,440	--	--	S,E	Irr	Do.	
817	do	do	1969	71	6	71	Kca	1,438	30.7	July 22, 1970	S,E	Irr	Do.	
818	Odis Rodgers	do	1966	96	8	96	Kca	1,459	55.6	Sept. 22, 1970	S,E	Irr	Do.	
819	Odis Rodgers	Lee-Barnhill	1966	95	8	95	Kca	1,460	60.8	Sept. 22, 1970	S,E	Irr	Perforated. Gravel packed.	
820	do	do	1966	95	8	95	Kca	1,462	68.8	do	S,E	Irr	Do.	
821	do	do	1967	92	8	92	Kca	1,468	61.3	do	S,E	Irr	Do.	
822	do	do	1967	78	8	78	Kca	1,472	63.4	do	S,E	Irr	Slotted 38 to 78 feet. Temp. 68°F.	
823	do	do	1967	90	8	90	Kca	1,465	--	do	N	Irr	Gravel packed. ¹	
824	Durwood Burgess	Ardean Kimmel	1965	117	8	100	Kca	1,418	22.7	Sept. 24, 1970	S,E	Irr	Slotted 20 to 93 feet. Gravel packed.	
825	do	do	1965	101	8	101	Kca	1,412	26.9	do	S,E	Irr	Slotted 6 to 93 feet. Gravel packed.	
826	do	do	1968	85	6	--	Kca	1,432	29.3	do	S,E	Irr	Gravel packed.	
827	do	do	1968	70	5	--	Kca	1,429	23.9	do	N	N	Perforated. Gravel packed. ¹ Unused irrigation well.	
828	do	do	1969	72	5	74	Kca	1,432	28.5	do	J,E	D	Perforated. Gravel packed. Temp. 69°F.	
829	Ollie Rodgers	Carson Drfg. Co.	1965	96	15	20	Kca	1,445	32.0	Sept. 23, 1970	S,E	Irr	Slotted. Cemented to 20 feet. ²	
830	do	do	1965	96	10	73	Kca	1,440	26.9	do	S,E	Irr	Slotted 77 to 94 feet. ²	
831	L.D. Holiday	Lee-Barnhill	1967	76	6	76	Kca	1,460	--	Oct. 8, 1972	S,E	Irr	Reported yield 60 gal/min. Gravel packed. Temp. 67°F. ⁶	
832	do	do	1967	62	6	62	Kca	1,465	41.3	do	S,E	Irr	Reported yield 50 gal/min. Gravel packed.	

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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			
31-43-833	L. D. Holiday	do	1968	74	6	74	Kca	1,455	--	--	S,E	Irr	Reported yield 30 gal/min. Gravel packed.	
834	D. R. Holiday	do	1967	70	6	70	Kca	1,460	--	--	S,E	Irr	Reported yield 70 gal/min. Gravel packed.	
835	do	do	1967	69	6	69	Kca	1,450	--	--	S,E	Irr	Reported yield 60 gal/min. Gravel packed.	
836	Ted Snider	do	1966	100	8	72	Kca	1,435	23.4	Oct. 14, 1970	S,E	Irr	Slotted 31 to 72 feet. Pump set at 65 feet.	
837	do	do	1966	68	8	68	Kca	1,445	24	Feb. 17, 1977	S,E	Irr	Slotted 28 to 65 feet.	
838	Ted Snider	Lee-Barnhill	1966	77	8	77	Kca	1,455	34.2	Oct. 14, 1970	S,E	Irr	Slotted 40 to 75 feet. Pump set at 60 feet.	
839	do	do	1966	75	8	64	Kca	1,455	36.0	Oct. 15, 1970	S,E	Irr	Slotted 34 to 65 feet. Reported yield 50 gal/min. Gravel packed.	
840	Mrs. C.L. Snider	do	1967	73	8	76	Kca	1,447	32	Apr. 4, 1967	S,E	Irr	Slotted 22 to 61 feet. ²	
841	do	do	1967	76	8	73	Kca	1,453	30	Apr. 6, 1967	S,E	Irr	Reported yield 50 gal/min. Gravel packed. Unused irrigation well.	
842	O.H. Rodgers	Curtis Alford	1969	97	6	99	Kca	1,453	42.7	Oct. 14, 1970	N	N	Slotted. Measured yield 10.1 gal/min. ⁴	
843	Dunwood Burgess	Ed's Pump Serv.	1970	86	6	86	Kca	1,428	--	--	J,E	Irr	Slotted. Measured yield 26.8 gal/min. ⁴	
844	do	do	1970	92	6	92	Kca	1,428	--	--	S,E	Irr	Reported yield 50 gal/min. Gravel packed.	
845	Claude Fuller	Curtis Alford Drilling and Well Service	1969	101	5	100	Kca	1,453	--	--	S,E	Irr	Reported yield 50 gal/min. Gravel packed.	
846	do	do	1969	96	5	96	Kca	1,461	--	--	S,E	Irr	Reported yield 30 gal/min. Gravel packed.	
847	do	do	1969	90	5	90	Kca	1,453	--	--	S,E	Irr	Reported yield 50 gal/min. Gravel packed.	
848	do	do	1969	87	5	87	Kca	1,458	--	--	S,E	Irr	Reported yield 50 gal/min.	
849	Odis Rogers	Robert Lee -Bob-Barnhill	1971	91	6	91	Kca	1,465	50	Mar. 6, 1971	S,E	Irr	Perforated 51 to 81 feet. Reported yield 70 gal/min. Gravel packed.	
901	Norman Parks	do	1902	60	5	33.4	Kctp	1,390	13.2	Apr. 19, 1937	--	D	Dug well.	
902	T.M. Goodwin	W.C. Thomas	1907	27	42	20.8	Kca	1,385	4.0	do	H	D-S	Irrigation well. Plugged and abandoned.	
903	Norman Parks	N.L. Box Drilling Contractor	1965	77	--	--	Kctp	1,390	16	May 7, 1965	N	N	Completed 17 to 71 feet. Reported yield 100 gal/min. Gravel packed. Well drilled to 237 feet and plugged back. ⁴	
904	do	do	1965	75	8	75	Kctp	1,390	4.0	July 22, 1965	S,E	Irr	Perforated 17 to 40 feet. Unused irrigation well.	
906	Duran and Arnold	Sanders Drilling Co.	1965	60	8	40	Kctp	1,370	1.8	June 25, 1970	7 1/2	N	Unused irrigation well.	
907	do	do	1965	40	8	40	Kctp	1,372	--	--	N	N	Do.	
908	do	do	1965	65	12	50	Kctp	1,373	--	--	N	N	Do.	
909	Claude Fuller	Lee-Barnhill	1965	98	8	98	Kca	1,465	48	Dec. 7, 1966	S,E	Irr	Slotted. Measured yield 75 gal/min. ^{2, 4}	
910	Claude Fuller	Lee-Barnhill	1965	99	8	82	Kca	1,462	41	Dec. 11, 1965	S,E	Irr	Slotted. Gravel packed.	
911	do	do	1967	87	8	87	Kca	1,464	55.9	Feb. 9, 1971	S,E	Irr	Slotted. Measured yield 69 gal/min. Gravel packed. Temp. 68°F. ⁴	
912	J.C. Jackson, Jr.	Continental Water Well Drilling Co.	1966	60	8	59	Kctp	1,395	8	Feb. 21, 1966	S,E	Irr	Perforated 18 to 57 feet. Gravel packed. ²	
913	do	do	1966	65	8	65	Kctp	1,395	7	Apr. 21, 1966	S,E	Irr	Perforated 10 to 65 feet. Reported yield 220 gal/min. Temp. 68°F. Gravel packed.	
914	do	do	1968	91	8	91	Kctp	1,395	5	Aug. 30, 1968	T,E	Irr	Slotted 30 to 91 feet. Gravel packed. ^{2, 4}	
915	Hermon Elson	Sanders Drig. Co.	1966	50	8	50	Kca	1,408	10.7	Sept. 22, 1970	S,E	Irr	Slotted 16 to 50 feet. Reported yield 50 gal/min. ^{2, 4}	
916	do	do	1966	54	8	54	Kca	1,420	15	Aug. 18, 1966	S,E	Irr	Slotted 20 to 54 feet. Reported yield 45 gal/min. Gravel packed.	
917	do	do	1966	55	8	55	Kca	1,414	--	--	S,E	Irr	Slotted 10 to 55 feet. Reported yield 65 gal/min. Gravel packed.	
918	do	do	1966	55	8	55	Kca	1,421	--	--	S,E	Irr	Slotted 17 to 55 feet. Reported yield 60 gal/min. Gravel packed.	
919	do	do	1966	80	8	80	Kca	1,420	--	--	S,E	Irr	Slotted 20 to 80 feet. Reported yield 65 gal/min. Gravel packed.	
920	do	do	1966	102	8	102	Kca	1,415	--	--	S,E	Irr	Slotted 25 to 100 feet. Reported yield 70 gal/min. Gravel packed.	
921	Odis Rodgers	Lee-Barnhill	1967	88	6	88	Kca	1,470	55	Feb. 14, 1967	S,E	Irr	Perforated. Reported yield 60 gal/min. Gravel packed.	
922	do	do	1967	82	6	82	Kca	1,469	--	--	S,E	Irr	Reported yield 50 gal/min.	
923	do	do	--	98	8	98	Kca	1,473	--	--	N	N	Slotted. Gravel packed. Unused irrigation well. ¹	
924	Billy Earl Simpson	Curtis Alford	1966	80	12	80	Kca	1,421	25.9	Sept. 22, 1970	S,E	Irr	Slotted. Gravel packed.	
925	do	Curtis Alford Drilling & Well Service	1967	97	12	97	Kca	1,414	13.9	do	S,E	Irr	Do.	

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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				
31-43-926	Billy Earl Simpson	do	1967	87	12	87	Kca	1,418	--	--	S,E 2	Irr	Slotted. Gravel packed.	
927	do	Curtis Alford Drilling & Well Service	1967	90	12	90	Kca	1,420	28.3	Sept. 22, 1970	S,E 3	Irr	Do.	
928	do	do	1967	90	12	90	Kca	1,428	34.8	do	S,E 5	Irr	Slotted. Temp. 69°F.	
929	T.K. Hardy	Lee-Barnhill	1965	103	8	103	Kcnp	1,428	36.4	Sept. 29, 1970	S,E 5	Irr	Slotted 34 to 70 feet. Gravel packed. ¹	
930	do	do	1967	68	--	68	Kcnp	1,430	27.5	do	S,E 5	Irr	Gravel packed.	
931	A.E. Westmoreland	Thompson Drilling Co.	1967	570	6	50	Kca Ph	1,390	--	--	N	N	Plugged and abandoned irrigation well. Salt water reported at 538 feet.	
932	Troy Johnson	Sanders Drilling Co.	1966	30	7	30	Kca	1,380	10.9	Oct. 13, 1970	J,E 1/2	Irr	Slotted 17 to 30 feet. Pump set at 30 feet. Reported yield 30 gal/min. Gravel packed. Temp. 70°F.	
933	T.D. Joiner	Lee-Barnhill	1966	73	6	73	Kca	1,425	17.2	Oct. 14, 1970	H	N	Slotted 18 to 54 feet. Unused irrigation well. ¹	
934	J.C. Rogers	do	1965	75	8	65	Kca	1,420	30.0	do	S,E 1 1/2	Irr	Slotted 30 to 62 feet. Reported yield 60 gal/min. Gravel packed.	
935	do	do	1965	76	8	75	Kca	1,425	28	Dec. 30, 1965	S,E 1 1/2	Irr	Slotted 28 to 70 feet. Pump set at 68 feet. ²	
936	Ray Rodgers	do	1966	78	8	78	Kca	1,473	34.2	Oct. 14, 1970	S,E 3	Irr	Reported yield 70 gal/min. Temp. 67°F. ^{2a}	
937	do	do	1966	81	8	81	Kca	1,450	--	--	S,E 5	Irr	Slotted 48 to 71 feet. Reported yield 185 gal/min. Gravel packed. ²	
938	do	do	1967	80	12	80	Kca	1,460	28.8	Oct. 14, 1970	S,E 5	Irr	Slotted 27 to 70 feet. Gravel packed.	
939	do	Curtis Alford Drilling & Well Service	1968	89	8	89	Kca	1,455	--	--	S,E 5	Irr	Perforated 40 to 65 feet. Gravel packed.	
940	Claude Fuller	do	1969	90	8	90	Kca	1,470	--	--	S,E 3	Irr	Perforated 60 to 90 feet. Measured yield 34 gal/min. Gravel packed. ⁴	
941	J.C. Rogers	Ed's Pump Service	1969	75	6	75	Kca	1,427	--	--	S,E 1	Irr	Slotted 20 to 70 feet. Gravel packed.	
44-101	Geo. Barton	--	--	20	42	20	Kca	1,445	4.8	June 17, 1937	H	S	Dug well.	
102	A.E. Martin	--	--	57.3	42	57.3	Kca	1,430	7.7	do	N	N	Do.	
106	M. Love	Watson Drilling Co.	1966	50	8	50	Kca	1,425	--	--	S,E 1	Irr	Slotted 20 to 50 feet. Gravel packed. ⁴	
107	do	W.F. Smith Drilling Co.	1965	74	8	74	Kca	1,425	--	--	S,E 1/2	Irr	Slotted 20 to 74 feet. Gravel packed. ⁴	
108	do	do	1965	50	8	50	Kca	1,418	--	--	S,E 1/2	Irr	Slotted 20 to 50 feet. Gravel packed. ⁴	
109	do	Watson Drilling Co.	1965	50	8	50	Kca	1,430	--	--	S,E 1	Irr	Slotted 20 to 50 feet. Gravel packed. ⁴	
110	do	W.F. Smith Drilling Co.	1966	50	8	50	Kca	1,425	--	--	S,E 3	Irr	Slotted 20 to 50 feet. Gravel packed. ⁴	
111	do	Watson Drilling Co.	1966	50	8	50	Kca	1,425	--	--	S,E 3	Irr	Slotted 20 to 50 feet. Gravel packed. ⁴	
112	do	W.F. Smith Drilling Co.	1965	50	8	80	Kca	1,435	--	--	S,E 3	Irr	Slotted 20 to 50 feet. Gravel packed. ⁴	
113	Jack Rogers	Watson Drilling Co.	1967	80	8	80	Kca	1,435	55	Feb. -, 1967	S,E 3	Irr	Slotted 60 to 80 feet. Pump set at 75 feet. Measured yields 24 and 33 gal/min. Gravel packed. Temp. 69°F. ⁴	
114	do	do	1967	75	8	75	Kca	1,432	50	Mar. -, 1967	S,E 1 1/2	Irr	Slotted 55 to 75 feet. Pump set at 70 feet. Measured yield 34 gal/min. Gravel packed. ⁴	
115	do	do	1967	75	8	75	Kca	1,440	50	--	S,E	Irr	Slotted 55 to 75 feet. Pump set at 70 feet. Measured yield 30 gal/min. Gravel packed. ⁴	
116	John Love	W.F. Smith Drig. Co.	1967	70	8	70	Kca	1,434	28.1	Sept. 11, 1970	1 1/2 S,E 5	Irr	Slotted 23 to 70 feet.	
117	do	do	1967	47	8	47	Kca	1,432	21.0	do	S,E 1 1/2	Irr	Slotted 34 to 47 feet. Gravel packed.	
118	J.D. Rogers	Curtis Alford Drilling & Well Service	1969	63	5	63	Kca	1,446	36.2	Sept. 24, 1970	S,E 1	Irr	Perforated. Gravel packed.	

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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
*31-44-119	J. D. Rogers	do	1969	61	5	61	1,433	24.6	do	S,E 1	Irr	Perforated. Gravel packed. Temp. 69°F.
120	do	do	1969	57	5	57	1,439	25.2	do	S,E 1	Irr	Perforated. Gravel packed.
* 121	David Rogers	do	1969	56	5	56	1,428	14.1	do	S,E 1 1/2	Irr	Perforated. Gravel packed. Temp. 69°F.
122	David Rogers	Curtis Alford Drilling & Well Service Lee Barnhill	1969	56	5	56	1,429	16.3	Sept. 24, 1970	S,E 1/2	Irr	
123	do	do	1965	65	6	65	1,440	--	--	S,E 1/2	Irr	Gravel packed.
* 124	J.D. Rogers	Ed's Pump Service	1970	54	5	--	1,438	--	June 17, 1937	S,E N	Irr	Do.
* 401	W.A. Logan	Ervin Ryan	1906	37	42	10	1,392	23.4	--	S,E N	N	Dug well. Reported yield 10 gal/min. ³
* 402	Dr. G.T. Blackwell	A.D. Lewis	1929	35	36	--	1,380	27.8	Apr. 14, 1937	--	D,S	Dug well.
403	J.M. Yancey	Watson Drilling Co.	1965	46	8	46	1,388	12	Feb. --, 1965	S,E 2	Irr	Slotted 26 to 46 feet. Pump set at 41 feet. Measured yield 41 gal/min. Gravel packed. ⁴
* 404	do	B.G. Watson	1965	50	8	50	1,386	10	June --, 1965	S,E 2	Irr	Slotted 30 to 50 feet. Pump set at 43 feet. Measured yield 37 gal/min. Gravel packed. ⁴
405	do	do	1965	42	8	42	1,385	10	June --, 1965	S,E 2	Irr	Slotted 22 to 42 feet. Pump set at 37 feet. Measured yield 55 gal/min. Gravel packed. ⁴
406	do	do	1967	42	8	42	1,386	10	Feb. --, 1967	S,E 1 1/2	Irr	Slotted 22 to 42 feet. Pump set at 37 feet. Reported yield 50 gal/min. Gravel packed. ^{2, 4}
* 407	Roy Squyres and J.D. Rogers	--	1962	60	5	60	1,410	--	--	S,E 1	Irr	Completed from 40 to 60 feet. Measured yield 23.8 gal/min. Temp. 68°F. ⁴
408	do	-McDougal	1967	75	8	75	1,408	--	--	S,E 7 1/2	Irr	Slotted 55 to 75 feet. Reported yield 50 gal/min. Gravel packed. ⁴
409	do	do	1967	60	8	60	1,410	--	--	S,E 3	Irr	Slotted 40 to 60 feet. Gravel packed. ⁴
410	Keith Whit	Continental Water Well Drilling Co.	1966	120	8	85	1,408	31	Mar. 28, 1966	S,E 7 1/2	Irr	Perforated 15 to 85 feet. Gravel packed. ²
411	do	do	1966	100	8	80	1,406	31	Mar. 25, 1966	S,E 7 1/2	Irr	Perforated 31 to 80 feet. Gravel packed. ²
* 412	do	do	1966	100	8	85	1,405	27.7	June 23, 1970	S,E 3	Irr	Perforated 30 to 85 feet. Gravel packed. Temp. 68°F. ²
413	do	do	1966	100	8	80	1,403	19.7	do	S,E 7 1/2	Irr	Perforated 35 to 80 feet. Gravel packed. ²
414	do	do	1966	100	8	85	1,403	23.6	do	S,E 7 1/2	Irr	Perforated 10 to 85 feet. Reported yield 90 gal/min.
415	Edward I. Smith	C.L. Highsmith Drig. Co.	1970	55	7	55	1,405	32	Jan. 3, 1970	S,E	Irr	Perforated 30 to 55 feet. Gravel packed. Temp. 70°F.
* 416	do	do	1970	65	7	65	1,410	30	Jan. 8, 1970	S,E	Irr	Perforated 40 to 65 feet. Gravel packed.
417	do	do	1970	60	7	60	1,415	30	Jan. 17, 1970	S,E	Irr	Perforated 35 to 60 feet. Gravel packed.
418	do	do	1970	52	7	52	1,418	30	Jan. 27, 1970	S,E	Irr	Perforated 27 to 52 feet. Gravel packed.
419	do	do	1970	69	7	69	1,415	30	Jan. 28, 1970	S,E	Irr	Perforated 40 to 69 feet. Gravel packed.
* 501	Sam Powers	N.L. Box Drilling Contractor	1958	125	8	125	1,405	--	--	T,G	Irr	Completed 65 to 125 feet. Pump set at 115 feet. Reported yield 88 gal/min. Temp. 70°F.
502	do	Terry Drilling and Supply Co.	1950	115	8	115	1,413	39.0	Apr. 6, 1966	S,E 1	Irr	Completed 40 to 115 feet. Pump set at 115 feet. Reported yield 75 gal/min. Gravel packed. ³
503	do	Robert Lee-Bob-Barnhill	1964	109	7	109	1,395	19.5	July 21, 1965	S,E 2	Irr	Completed 35 to 109 feet. Gravel packed. ^{2, 4}
504	do	do	1964	100	8	100	1,393	19.6	do	S,E	Irr	Completed 35 to 100 feet. Gravel packed.
* 505	James Ryan	Watson Drilling Co.	1966	104	8	104	1,425	38.7	July 15, 1971	S,E	Irr	Slotted 65 to 99 feet. Pump set at 87 feet. Temp. 67°F. ^{2, 4, 5}
* 506	C.L. Hismith	C.L. Hismith	--	85	6	85	1,430	--	--	S,E 2	Irr	Slotted 55 to 85 feet. Measured yield 44 gal/min. Gravel packed. Temp. 68°F.
507	do	do	--	84	7	84	1,418	--	--	S,E 5	Irr	Slotted 54 to 84 feet. Measured yield 66 gal/min. Gravel packed. ⁴
* 508	Eddie Fox	Lee Barnhill	1968	95	6	95	1,403	39.0	June 24, 1960	S,E 3	Irr	Measured yield 124 gal/min. Gravel packed. Temp. 67°F.

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - Continued**

Well	Owner	Driller	Date Completed	Depth of Well (ft)	Casing		Altitude of land surface (ft)	Below land-surface datum (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in)	Depth (ft)			Water-bearing unit	Date of measurement			
31-44-509	Eddie Fox	do	1966	110	8	110	1,405	35.8	do	S,E	Irr	Slotted. Gravel packed.	
510	Sam Powers	do	1967	68	6	68	1,389	0.2	June 25, 1970	S,E	Irr	Perforated. Gravel packed.	
511	do	do	1967	96	8	96	1,410	25.8	do	1 1/2	Irr	Perforated. Gravel packed.	
512	Roy Squyres	Carson Drig. Co.	1966	66	10	66	1,408	28	Sept. 10, 1970 Feb. 28, 1966	S,E	Irr	Gravel packed.	
513	do	do	1966	55	10	55	1,407	17	Mar. 11, 1966	S,E	Irr	Do.	
514	Roy Squyres	Carson Drig. Co.	1966	59	10	59	1,407	16	Mar. 15, 1966	S,E	Irr	Do.	
515	do	do	1966	56	10	56	1,410	19	Mar. 1, 1966	3/4	Irr	Measured yield 273 gal/min. Gravel packed. Temp. 67°F.	
516	James Ryon	Texas Water Devel. Bd.	1971	112	2	110.4	1,425	43.9	Aug. 18, 1971	1	N	Slotted 67.5 to 110.3 feet. Drilled for observation well. ^{1,5}	
517	do	do	1971	105	2	104.5	1,425	42.5	do	N	N	Slotted 42.7 to 104.5 feet. Drilled for observation well. ¹	
601	Felix Sparks	N.L. Box Drilling Contractor	1958	88	7	88	1,382	30	Jan. 17, 1961	T,E	Irr	Slotted. Pump set at 60 feet. Gravel packed. Well drilled 187 feet and plugged back. ²	
602	R.O. Buckley	B.G. Watson	1967	110	8	110	1,397	55	July --, 1967	S,E	Irr	Slotted 55 to 100 feet. Pump set at 100 feet. Estimated yield 80 gal/min. Gravel packed. ⁴	
603	do	do	1967	100	8	100	1,403	55	July --, 1967	S,E	Irr	Slotted 55 to 85 feet. Pump set at 90 feet. Temp. 69°F. ⁴	
606	L.P. Hammond	Lee-Barnhill	1969	105	6	105	1,400	44.0	Sept. 10, 1970	S,E	Irr	Perforated. Gravel packed. Observation well. ^{1,3}	
607	do	do	1969	104	6	104	1,398	39.1	Mar. 14, 1972	1	Irr	Perforated. Pump set at 95 feet.	
608	do	do	1969	100	6	100	1,396	--	--	1 1/2	Irr	Perforated. Pump set at 95 feet.	
609	Lois Hammond	do	1967	110	8	110	1,390	32	Apr. 26, 1967	1 1/2	Irr	Slotted. Pump set at 95 feet.	
610	L.P. Hammond	do	1968	110	8	110	1,395	--	--	2	Irr	Slotted. Pump set at 95 feet.	
611	do	do	1967	115	6	90	1,400	--	--	2	N	Slotted. Pump set at 95 feet. Unused irrigation well.	
612	P.E. Fox	do	1967	158	8	158	1,429	81.7	June 24, 1970	S,E	Irr	Slotted. Reported yield 100 gal/min.	
701	Duran & Arnold	Sanders Drig. Co.	1965	80	8	40	1,368	--	--	15	N	Open hole from 40 to 80 feet. ¹ Unused irrigation well.	
702	L.E./Sharpe	Lightfoot & McCrum	1968	63	5	63	1,363	42.9	June 24, 1970	S,E	Irr	Perforated 50 to 58 feet. Gravel packed. Temp. 68°F.	
703	J.H. Lewis	N.L. Box Drilling Contractor	1964	70	8	60	1,348	15.7	June 26, 1970	1 1/2	Irr	Slotted 25 to 48 feet, 54 to 57 feet. Pump set at 47 feet. Gravel packed. ²	
801	Magnolia Petroleum Co.	do	1924	283	13	30	1,365	--	--	3	Ind	Slotted 40 to 66 feet and 237 to 249 feet. Gravel packed.	
802	L.E. Clark	Guy Hooper	1950	80	8	80	1,349	30	Jan. 24, 1961	T,E	P	Perforated 55 to 80 feet. Pump set at 72 feet. ³	
804	L.E. Sharp	Lightfoot and McCrum	1965	79	5	79	1,368	32.0	Mar. 13, 1965	J,E	P	Slotted 15 to 19 feet and 35 to 71 feet. Gravel packed. Observation well. ^{2,3,4}	
805	L.E. Sharp	do	1965	80	8	80	1,368	48.8	Oct. 12, 1965	S,E	Irr	Slotted 16 to 19 feet and 35 to 71 feet. Measured yield 34.7 gal/min. Gravel packed. Temp. 67°F. ⁴	
806	R.L. Lewis	B.G. Watson	1967	80	8	80	1,375	50.2	Oct. 12, 1965	S,E	Irr	Slotted 40 to 80 feet. Pump set at 65 feet. Measured yield 40 gal/min. Gravel packed. ^{2,4}	
807	R.G. Lewis	Watson Drilling Co.	1967	69	8	69	1,378	40	Apr. 1, 1966 June --, 1967	3	Irr	Reported yield 35 gal/min. Gravel packed. Temp. 68°F.	
808	do	do	1967	70	8	70	1,385	--	--	2	Irr	Pump set at 70 feet. Gravel packed. ⁴	
809	do	do	1967	70	8	70	1,385	--	--	2	Irr	Pump set at 75 feet. Gravel packed. ⁴	
810	do	do	1967	70	8	70	1,385	--	--	2	Irr	Pump set at 70 feet. Gravel packed. ⁴	
813	J.B. Anderson	Ardean Kimmell Irrigation Service	1967	85	8	85	1,394	43.5	June 24, 1970	S,E	Irr	Slotted 35 to 47 feet and 55 to 75 feet. Gravel packed. ⁴	

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - Continued**

Well	Owner	Driller	Date Completed	Casing			Water-bearing unit	Altitude of land surface (ft)	Below land-surface datum (ft)	Water level		Method of lift	Use of water	Remarks
				Depth of Well (ft)	Diameter (in)	Depth (ft)				Date of measurement				
31-44-814	J. B. Anderson	do	1967	117	8	118	Kc1p	1,395	50	Mar. 17, 1967	S,E 5	Irr	Slotted 45 to 108 feet. Gravel packed. ⁴	
816	Frank Hale	Curtis Alford Drilling & Well Service	1965	55	6	55	Kc1p	1,389	--	--	S,E 7 1/2	Irr	Slotted 30 to 55 feet. Gravel packed. ⁴	
817	Chester Ervin	J. Weir Drig. & Service	1970	87	12	87	Kc1p	1,376	21.9	Aug. 18, 1971	N	Irr	Reported yield 200 gal/min.	
818	Jay Grimshaw	Watson Drig. Co.	1970	72	8	72	Kcho	1,362	43	May 1, 1970	S,E	Irr	Slotted 45 to 63 feet. Gravel packed.	
907	Bill Greenland	Watson Drig. Co.	1969	110	8	110	Kc1p	1,383	30.3	June 24, 1970	T,E 150	Irr	Slotted 50 to 110 feet. Pump set at 100 feet. Gravel packed.	
49-201 203	Charles Walker Leon C. Gibson	--	1900 1969	10.3 70	36 5	10.3 70	Kca Kca	1,597 1,592	4.4 25.5	May 10, 1937 Feb. 9, 1971	H H	D,S D	Perforated from 40 to 70 feet. Reported yield 10 gal/min. Gravel packed.	
701 704	W.G. Wadkins J.T. Alford	-- Curtis Alford	1907 1969	31.2 85	48 6	31.2 85	Kca Kca	1,635 1,665	9.1 --	May 11, 1937 --	H N	D,S N	Dug well. Perforated from 30 to 60 feet. Reported yield 45 gal/min. Gravel packed. Unused irrigation well. ¹	
705	Sam Plk	do	1969	62	6	62	Kca	1,645	14.5	June 18, 1970	S,E 3/4	Irr	Slotted 32 to 62 feet. Pump set at 60 feet. Gravel packed.	
706	do	do	1968	65	6	65	Kca	1,645	--	--	S,E 3/4	Irr	Slotted 35 to 65 feet. Gravel packed.	
707	Joe Fraley	do	1968	70	6	70	Kca	1,625	2.0	June 18, 1970	S,E 5	Irr	Slotted. Gravel packed.	
708	J.T. Alford	do	1970	62	5	62	Kca	1,660	9.3	Aug. 12, 1971	S,E 1 1/2	Irr	Completed from 35 to 56 feet. Reported yield 40 gal/min.	
709	do	do	1970	64	5	64	Kca	1,662	14.7	do	S,E 1 1/2	Irr	Completed 38 to 58 feet. Reported yield 25 gal/min.	
801	C.G. Shully, Jr.	Bob Carter	1936	59	6	59	Kca	1,630	55.3	May 11, 1937	C,W	D,S	Perforated.	
802	Joe Fraley	Curtis Alford	1968	65	6	65	Kca	1,622	3.1	June 18, 1970	S,E 1,3	Irr	Slotted. Gravel packed.	
803	do	do	1968	66	6	66	Kca	1,618	--	--	S,E 3	Irr	Slotted. Gravel packed.	
804	do	Carl Taylor	1969	86	7	86	Kca	1,616	5.1	June 18, 1970	S,E 2	Irr	Slotted 59 to 81 feet. Gravel packed.	
805	Charles Rutherford	Morrow Drig. Co.	1971	37	6	37	Kca	1,572	5	Feb. 22, 1971	N	Irr	Slotted 8 to 37 feet. Reported yield 35 gal/min.	
806	do	do	1971	58	6	58	Kca	1,577	20	Feb. 23, 1971	S,E	Irr	Slotted 33 to 58 feet. Reported yield 35 gal/min. Water reported salty. Gravel packed.	
807	do	do	1971	51	6	51	Kca	1,577	30	Feb. 24, 1971	S,E 1	Irr	Slotted 31 to 51 feet. Reported yield 62 gal/min. Temp. 68°F.	
808	do	do	1971	55	6	55	Kca	1,580	15	Feb. 26, 1971	S,E 1 1/2	Irr	Slotted 25 to 55 feet. Reported yield 55 gal/min. Temp. 68°F.	
809	do	do	1971	52	5	51	Kca	1,577	30	June 26, 1971	S,E	Irr	Slotted 31 to 51 feet. Pump set at 46 feet. Reported yield 40 gal/min. Gravel packed.	
901	W.R. Laird	R. Itayse	1923	48	5	45	P	1,500	13.6	May 20, 1937	N	N	Dug well.	
902	Bob Edwards	--Killion	1912	22	48	17.8	Kca	1,550	11.0	do	C,W	D,S	Completed 57 to 65 feet. Gravel packed.	
50-101	W. W. Martin	--	1900	75	5	75	Kca	1,579	26.2	May 14, 1937	C,W	S	Dug well.	
102	W.B. Martin	--	--	9.1	--	--	Kca	--	2.2	do	N	N	Completed 57 to 65 feet. Gravel packed.	
103	Kirk Slater	Hester Drig. Co.	1967	68	8 5/8	68	Kca	1,581	14.6	Feb. 11, 1971	S,E 1	Irr	Gravel packed.	
104	Kirk Slater	Hester Drig. Co.	1967	--	8 5/8	--	Kca	1,582	--	--	S,E 3	Irr	Gravel packed.	
105	do	do	1967	111	8 5/8	111	Kca	1,584	16.0	Feb. 11, 1971	S,E 1	Irr	Completed 97 to 109 feet. Gravel packed.	
106	do	do	1967	114	8 5/8	114	Kca	1,577	10.0	do	S,E 1	Irr	Completed 97 to 111 feet. Gravel packed.	
107	do	do	1967	--	8 5/8	--	Kca	1,563	--	--	S,E 1	Irr	Gravel packed. Temp. 68°F.	
108	B.L. Files	Joe D. Tucker	1969	56	7	23	Kca	1,520	4.4	June 17, 1970	S,E 1 1/2	Irr	Gravel packed. Temp. 68°F.	

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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				
31-50-109	J.E. Jackson	do	1968	87	8 5/8	87	Kca	1,578	13.1	do	S,E	Irr		
110	do	do	1968	89	8 5/8	89	Kca	1,579	2.1	do	3/4	Irr		
111	do	do	1968	115	8	70	Kca	1,579	3.4	do	1	Irr		
201	C.G. Stubblefields	C.G. Stubblefield	1915	40	36	20	Kca	1,525	31.0	Apr. 12, 1937	C,W	DS	Dug well.	
51-101	T.H. Birdsong III	J.T. Carson	1966	80	8	80	Kca	1,432	--	--	S,E	Irr	Slotted 30 to 67 feet. Pump set at 75 feet. Power and yield test. ⁴	
102	do	Sanders Drilling Co.	1966	60	8	60	Kca	1,430	--	--	S,E	Irr	Slotted 17 to 60 feet. Pump set at 55 feet. Estimated yield 20 gal/min. Power and yield test. Gravel packed. Temp. 69°F. ⁴	
103	do	Curtis Alford	1966	62	8	62	Kca	1,420	--	--	S,E	Irr	Perforated from 19 to 45 feet. Reported yield 60 gal/min. Power and yield test. Gravel packed. ⁴	
104	do	do	1966	50	8	50	Kca	1,413	--	--	S,E	Irr	Perforated from 17 to 35 feet. Reported yield 60 gal/min. Power and yield test. Gravel packed. ⁴	
105	--Preston	Lee Barnhill	1965	50	7	50	Kca	1,458	15.6	Oct. 20, 1965	S,E	Irr	Completed 17 to 40 feet. Reported yield 40 gal/min. Gravel packed.	
106	Ted Snider	Continental Water Well Drilling Co.	1965	60	8	40	Kca	1,445	--	--	S,E	Irr	Perforated from 17 to 40 feet.	
107	do	do	1966	90	8	70	Kca	1,450	10	Mar. 1, 1966	S,E	Irr	Perforated from 17 to 40 feet. Gravel packed. Temp. 66°F.	
108	O.T. Shell	Curtis Alford	1969	30	5	30	Kca	1,455	--	--	J,E	Irr	Perforated. Gravel packed.	
109	do	do	1969	31	5	31	Kca	1,455	--	--	1/2	Irr	Perforated. Gravel packed.	
110	O.T. Shell	Curtis Alford	1969	31	5	31	Kca	1,455	--	--	1/2	Irr	Perforated. Gravel packed.	
111	do	do	1969	33	5	33	Kca	1,455	--	--	1/2	Irr	Perforated. Gravel packed.	
112	Ted Snider	Ed's Pump Service	1969	51	6	51	Kca	1,448	--	--	S,E	Irr	Perforated from 7 to 47 feet. Gravel packed.	
201	Q.D. Fuller	Steward Drilling Co.	1953	100	7	100	Kca	1,458	35	July 22, 1965	T,E	Irr	Completed 50 to 90 feet. Pump set at 85 feet. Reported yield 65 gal/min. Gravel packed.	
202	do	do	1953	100	7	100	Kca	1,460	35	do	3 1/2	Irr	Completed 55 to 90 feet. Pump set at 85 feet. Reported yield 65 gal/min. Gravel packed.	
203	do	do	1953	105	7	105	Kca	1,464	35	do	3/2	Irr	Completed 55 to 100 feet. Pump set at 95 feet. Reported yield 85 gal/min. Gravel packed. Temp. 69°F.	
204	City of Gorman	H.B. Norton	1948	108	10	108	Kcip	1,464	68	Nov. 17, 1959	T,E	P	Perforated from 70 to 108 feet. Pump set at 102 feet. Reported yield 66 gal/min.	
205	do	do	1947	113	10	113	Kcip	1,468	65.8 66.6	Dec. 3, 1970	N	N	Perforated from 70 to 113 feet. Pumping level 90 feet at 65 gal/min on November 17, 1969. Abandoned public supply well. Observation well. ^{1,2,3}	
206	do	Charles Gordon	1944	100	6	--	Kcip	1,444	--	--	N	N	Well abandoned.	
207	do	do	1914	84	72	--	Kcip	1,444	--	--	T,E	P	Dug well. Reported yield 30 gal/min.	
208	do	Bradford Brothers	1920	120	10	--	Kcip	1,444	--	--	T,E	P	Reported yield 30 gal/min.	
209	do	do	1924	106	8	--	Kcip	1,444	--	--	T,E	P	Reported yield 38 gal/min.	
210	do	do	1924	106	8	--	Kcip	1,444	40	--, 1945	C,E	N	Reported yield 25 gal/min.	
211	O.R. Burchanan	Curtis Alford Drilling and Well Service	1964	90	7	90	Kcip	1,448	44.9 45.5	Mar. 12, 1969	S,E	Irr	Completed 50 to 83 feet. Reported yield 170 gal/min. Gravel packed. Observation well. ^{1,3}	
212	do	Robert Lee -Bob-Barnhill	1965	100	8	100	Kcip	1,448	41.2	July 23, 1965	S,E	Irr	Completed 58 to 86 feet. Reported yield 340 gal/min. Gravel packed.	
213	Charles Underwood	do	1964	70	10	50	Kcip	1,435	17	do	T,E	Irr	Open hole completion from 50 to 70 feet. Pump set at 55 feet. Reported yield 105 gal/min. Gravel packed.	
214	Charles Underwood	Robert Lee -Bob-Barnhill	1965	68	10	52	Kcip	1,435	37.2	July 23, 1965	S,E	Irr	Slotted 17 to 52 feet. Open hole from 52 to 68 feet. Pump set at 55 feet. Gravel packed. Temp. 69°F.	
215	Lizzie Jackson	Texas Irrigation	1965	96	7	96	Kca	1,434	24.6 26.4	Apr. 6, 1966 Mar. 12, 1969	S,E	Irr	Perforated from 56 to 96 feet. Pump set at 90 feet. Pumping level 69.23 feet at about 125 gal/min. on July 26, 1965. Gravel packed. Temp. 74°F. Observation well. ^{2,3}	
216	do	do	1965	111	7	111	Kca	1,435	54.2	July 26, 1965	S,E	Irr	Perforated from 31 to 110 feet. Pump set at 90 feet. Reported yield 90 gal/min. Gravel packed.	

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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			
*31-51-217	Bill Andrys	Curtis Alford	1964	100	7	75	Kca	1,433	29.2	July 21, 1965	S,E	Irr	Completed 20 to 75 feet. Gravel packed. Temp. 70°F.	
218	do	Lee Barnhill	1965	60	10	60	Kca	1,433	17.8	do	S,E	Irr	Completed 20 to 60 feet. Pump set at 50 feet. Reported yield 150 gal/min. Gravel packed. Temp. 65°F.	
219	do	do	1965	84	7	84	Kca	1,474	--	--	S,E	Irr	Pump set at 72 feet. Reported yield 75 gal/min.	
220	do	do	1965	100	10	84	Kca	1,474	--	--	S,E	Irr	Completed 20 to 72 feet. Pump set at 72 feet. Reported yield 100 gal/min. Gravel packed.	
222	City of Gorman	C.E. Reynolds	1965	98	8	98	Kcip	1,454	--	--	T,E	P	Slotted 54 to 96 feet. Gravel packed.	
223	do	Roy Parker	1962	106	--	--	Kcip	1,456	--	--	T,E	P		
224	R.F. Hodge	Curtis Alford	1966	89	8	89	Kcip	1,430	--	--	S,E	Irr	Pump set at 84 feet. Pumping level 41 feet at 56 gal/min on July 11, 1967. Gravel packed. ⁴	
225	Q.D. Fuller	do	1966	105	8	105	Kca	1,465	65	Mar. 5, 1966	T,E	Irr	Slotted 65 to 100 feet. Pump set at 95 feet. Measured yield 47.1 gal/min. ⁴	
226	do	do	1967	110	10	110	Kca	1,460	65	Feb. 25, 1967	S,E	Irr	Slotted 65 to 100 feet. Pump set at 95 feet. Measured yield 61.1 gal/min. Gravel packed. ⁴	
* 227	Doy Reynolds	N.L. Box Drilling Contractor	1966	86	8	86	Kca	1,453	36.2	Oct. 15, 1968	S,E	Irr	Slotted 29 to 81 feet. Reported yield 200 gal/min. Gravel packed. Temp. 69°F. Water became salty.	
* 228	Glenn Warren	Curtis Alford	1969	75	8	75	Kcip	1,442	--	--	S,E	Irr	Perforated from 40 to 75 feet. Temp. 67°F. Gravel packed.	
* 229	do	do	1969	75	8	75	Kcip	1,445	--	--	S,E	Irr	Slotted 43 to 75 feet. Gravel packed.	
230	C.R. Day	do	1969	83	6	83	Kca	1,460	--	--	S,E	Irr	Slotted. Pump set at 70 feet. Gravel packed.	
* 231	do	do	1969	85	6	85	Kca	1,463	--	--	S,E	Irr	Slotted. Gravel packed. Temp. 68°F.	
232	Charlie Underwood	Sasm H. Smith	1965	85	8	65	Kcip	1,417	12	Dec. 3, 1965	S,E	Irr	Slotted. Cemented to 18 feet. Reported yield 50 gal/min.	
233	do	do	1965	85	8	85	Kcip	1,412	--	--	S,E	Irr	Slotted. Reported yield 140 gal/min.	
234	do	do	1965	65	8	65	Kcip	1,418	--	--	S,E	Irr	Slotted. Reported yield 120 gal/min.	
235	Jerry Anderson	Mahorney Drig. Co.	1967	63	8	63	Kca	1,448	--	--	S,E	Irr	Slotted. Gravel packed.	
236	Mitchell Campbell	Continental Water Well	1966	80	8	80	Kca	1,467	35	Mar. 4, 1966	S,E	Irr	Perforated from 36 to 80 feet. Pumping level 72 feet at 100 gal/min. Gravel packed. ²	
237	do	do	1966	100	8	70	Kca	1,458	32	do	S,E	Irr	Perforated from 30 to 67 feet. Pumping level 86 feet at 135 gal/min. Gravel packed. ³	
* 238	Doy Reynolds	N.L. Box	1966	91	8	91	Kca	1,453	30	June 2, 1966	N	N	Slotted 32 to 86 feet. Pump set at 80 feet. Gravel packed. Unused irrigation well.	
* 239	do	do	1966	88	8	87	Kca	1,448	37.2	July 29, 1971	N	N	Slotted 32 to 86 feet. Pump set at 80 feet. Temp. 66°F. Abandoned in 1972. Unused irrigation well. ^{2,4,5}	
240	do	do	1966	89	8	89	Kca	1,448	36.1	Nov. 8, 1971	N	N	Abandoned irrigation well. ⁵	
241	Lynn Butler	Curtis Alford	1967	68	6	68	Kca	1,428	--	--	S,E	Irr	Slotted. Gravel packed.	
242	do	do	1967	61	6	61	Kca	1,424	--	--	S,E	Irr	Do.	
243	do	Carson	1965	50	16	18	Kca	1,425	--	--	S,E	Irr	Open hole 18 to 50 feet. Cemented to 18 feet.	
244	do	do	1965	64	12	19	Kca	1,426	16	Dec. 17, 1965	S,E	Irr	Slotted. Pump set at 53 feet. Cemented to 19 feet.	
245	Lynn Butler	Carson	1965	78	12	26	Kca	1,433	14	Dec. 22, 1965	S,E	Irr	Slotted. Pump set at 60 feet.	
246	do	do	1966	74	12	79	Kca	1,441	30	Jan. 3, 1966	S,E	Irr	Slotted. Pump set at 65 feet. Cemented to 30 feet.	
247	do	Wylie Drilling Co.	1967	60	8	60	Kca	1,421	--	--	S,E	Irr	Slotted 40 to 60 feet. Gravel packed.	
248	do	do	1967	70	8	70	Kca	1,442	--	--	S,E	Irr	Slotted 50 to 70 feet. Gravel packed.	
249	Mrs. C.H. Stacey	C.E. Reynolds	1965	72	8	72	Kca	1,417	--	--	S,E	Irr	Slotted 10 to 50 feet. Gravel packed.	

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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				
31-51-250	Mrs. C. H. Stacey	do	1965	72	8	72	Kca	1,419	--	--	S,E 5	Irr	Slotted 12 to 52 feet. Gravel packed.	
251	do	do	1966	72	8	72	Kca	1,416	--	--	S,E 5	Irr	Slotted 14 to 58 feet. Gravel packed.	
252	do	do	1966	67	8	67	Kca	1,415	--	--	S,E 7.5	Irr	Slotted 17 to 52 feet. Gravel packed.	
253	Claude Fuller	Alford Drilling Co.	1965	84	8	84	Kcjp	1,448	--	--	N	N	Perforated from 24 to 84 feet. Reported yield 80 gal/min. Gravel packed. Unused irrigation well.	
254	do	Lee Barnhill	1965	107	8	107	Kcjp	1,460	44	Dec. 30, 1965	S,E	Irr	Perforated. Gravel packed. ²	
255	Neil Clarke	do	1965	82	7	82	Kca	1,470	48	June 22, 1965	N	N	Slotted. Reported yield 70 gal/min. Gravel packed. Unused irrigation well.	
256	J.A. Clement	Carson Drig. Co.	1967	65	8	65	Kca	1,452	34.3	July 23, 1970	S,E 5	Irr	Slotted 31 to 63 feet. Pump set at 63 feet. Reported yield 70 gal/min.	
257	R.F. Hodge	Sanders Drig. Co.	1968	99	8	99	Kcjp	1,425	--	--	S,E	Irr	Slotted 20 to 98 feet. Gravel packed.	
258	M.V. Warren	N.L. Box	1966	121	8	121	Kca	1,495	67	Aug. 8, 1966	S,E 7 1/2	Irr	Slotted 75 to 118 feet. Measured yield 78 gal/min. Gravel packed. Temp. 68°F.	
259	do	do	1966	120	8	120	Kca	1,495	65	Aug. 6, 1966	S,E 5	Irr	Slotted 47 to 105 feet. Reported yield 66 gal/min. Gravel packed.	
260	do	do	1966	108	8	108	Kca	1,485	50	Aug. 12, 1966	S,E 5	Irr	Slotted 47 to 105 feet. Reported yield 66 gal/min. Gravel packed.	
261	O.R. Buchanan	Lee Barnhill	1967	75	8	75	Kcjp	1,435	--	--	J,E 1/2	D,S	Unused irrigation well. ¹	
262	do	do	1967	60	6	60	Kcjp	1,430	13.9	July 24, 1970	N	N	Do.	
263	O.R. Buchanan	Lee Barnhill	1967	50	6	50	Kcjp	1,437	24	Mar. --, 1967	N	N	Do.	
264	do	do	1966	92	8	92	Kcjp	1,445	40	May 7, 1966	N	N	Do.	
265	do	do	1966	100	8	100	Kcjp	1,464	52	Aug. 3, 1966	S,E	Irr	Slotted 52 to 64 feet. Pump set at 75 feet. Reported yield 60 gal/min. Gravel packed. ⁴	
266	J.O. Jackson, Jr.	Curtis Alford Drilling and Well Service	1966	82	8	82	Kca	1,434	--	--	S,E 7 1/2	Irr	Slotted 41 to 66 feet. Pump set at 75 feet. Gravel packed.	
267	do	do	1966	81	8	81	Kca	1,434	--	--	S,E 7 1/2	Irr	Slotted 50 to 65 feet. Pump set at 75 feet. ⁴	
268	do	do	1968	80	8	80	Kca	1,434	--	--	S,E 7 1/2	Irr	Slotted 25 to 65 feet. Reported yield 55 gal/min. Gravel packed. Unused irrigation well. Slotted surface 84 feet. Drilled observation well. ^{1,5}	
269	Lynn Butler	do	1970	75	6 5/8	75	Kca	1,436	--	--	S,E	Irr	Unused irrigation well. Slotted 21 to 84 feet. ^{1,5}	
270	Doy Reynolds	Texas Water Devel. Board	1971	84	3	84.4	Kca	1,448	20.8	Aug. 18, 1971	N	N	Unused irrigation well. Slotted 16 to 79 feet. ^{1,5}	
271	do	do	1971	94	3	93.5	Kca	1,448	28.5	do	N	N	Gravel packed.	
272	do	do	1971	80	3	78.9	Kca	1,448	14.5	do	N	N	Gravel packed.	
273	Q.D. Fuller	Curtis Alford Drilling and Well Service	1969	92	5	92	Kca	1,460	--	--	S,E	Irr	Gravel packed.	
274	do	do	1969	92	5	92	Kca	1,460	--	--	S,E	Irr	Gravel packed.	
275	R.F. Hodge	Ed's Pump Service	1969	72	5	52	Kcjp	1,430	--	--	1 1/2	Irr	Perforated from 20 to 50 feet. Estimated yield 20 gal/min. Temp. 68°F. Gravel packed.	
276	do	do	1969	93	8 5/8	80	Kcjp	1,430	--	--	S,E	Irr	Slotted 25 to 45 feet. Gravel packed.	
301	J.M. Moates	H.W. Seay	1910	60	5	48.1	Kcjp	1,425	38.8	Apr. 13, 1937	H,B	D,S	Completed 75 to 90 feet. Reported yield 100 gal/min. Gravel packed. Unused irrigation well.	
302	E.L. Dennis	Roy Parker	1962	95	8	90	Kcjp	1,450	54.1	July 23, 1965	N	N	Completed 20 to 30 feet. Gravel packed.	
303	Oscar Howard	do	1958	30	8	30	Kcjp	1,361	18	July 26, 1965	J,E 2	Irr	Completed 20 to 30 feet. Gravel packed.	
304	do	do	1959	75	7	75	Kcjp	1,360	18	do	J,E 1 1/2	Irr	Completed 25 to 35 feet. Gravel packed.	
305	Oscar Howard	Roy Parker	1960	35	7	35	Kcjp	1,360	18	July 26, 1965	C,W	D	Completed 18 to 58 feet and 66 to 90 feet. Reported yield 150 gal/min. Gravel packed. ^{3,4}	
306	J.O. Jackson, Jr.	N.L. Box Drilling Contractor	1965	269	8	92	Kcjp	1,383	6.9	Apr. 1, 1966	S,C	Irr	Completed 16 to 63 feet. Reported yield 65 gal/min. Gravel packed. ⁴	
307	do	do	1965	89	8	67	Kcjp	1,385	21.6	Mar. 13, 1969	7 1/2	Irr	Completed 16 to 63 feet. Reported yield 65 gal/min. Gravel packed. ⁴	
310	Jerry Warren	Curtis Alford	1968	72	8	72	Kcjp	1,405	--	--	S,E 3 1 1/2	Irr	Perforated. Gravel packed.	

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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	Temperature			
*31-51-311	Jerry Warren	do	1968	70	8	72	Kcjp	1,406	--	--	S,E	Irr	Slotted. Pumping level 46 feet. Gravel packed. Temp. 67°F.	
312	do	do	1968	75	5	76	Kcjp	1,410	--	--	10 S,E	Irr	Perforated.	
313	do	do	1968	68	8	68	Kcjp	1,399	--	--	1 1/2 S,E	Irr	Slotted. Gravel packed.	
314	do	do	1968	74	5	73	Kcjp	1,401	--	--	3 S,E	Irr	Perforated. Gravel packed.	
315	do	do	1968	78	5	78	Kcjp	1,410	--	--	2 S,E	Irr	Do.	
316	I.L. Files	do	1967	81	12	81	Kcjp	1,415	--	--	2 S,E	Irr	Slotted. Gravel packed.	
317	do	do	1967	80	5	80	Kcjp	1,404	--	--	5 S,E	Irr	Temp. 69°F.	
318	do	do	1967	83	8	83	Kcjp	1,410	--	--	1 S,E	Irr	Slotted.	
319	do	do	1967	83	8	83	Kcjp	1,410	--	--	3 S,E	Irr	Perforated. Gravel packed.	
320	do	do	1967	83	7	83	Kcjp	1,415	--	--	2 S,E	Irr	Perforated. Gravel packed.	
321	J.O. Jackson, Jr.	Continental Water Well	1966	95	8	50	Kcjp	1,395	8	Feb. 7, 1966	3/4 S,E	Irr	Perforated 13 to 50 feet. Pumping level 36 feet at 125 gal/min. Gravel packed.	
322	do	do	1966	60	8	50	Kcjp	1,385	--	--	7 1/2 S,E	Irr	Perforated 11 to 50 feet. Reported yield 50 gal/min. Gravel packed.	
323	do	do	1966	80	8	65	Kcjp	1,400	10	Feb. 12, 1966	5 S,E	Irr	Perforated 12 to 65 feet. Gravel packed. ²	
324	J.O. Jackson, Jr.	Continental Water Well	1966	80	8	59	Kcjp	1,393	9	Feb. 17, 1966	5 S,E	Irr	Perforated 22 to 57 feet. Gravel packed.	
325	T.D. Goodwin	Sanders Drif. Co.	1968	80	8 5/8	80	Kcjp	1,415	--	--	5 S,E	Irr	Slotted 20 to 78 feet. Gravel packed.	
326	do	Continental Water Well	1966	100	8	85	Kcjp	1,420	31	Jan. 18, 1966	10 S,E	Irr	Perforated 20 to 85 feet. Reported yield 100 gal/min. Gravel packed.	
327	John West	Sanders Drif. Co.	1968	75	8	65	Kcjp	1,390	6	Mar. 16, 1968	10 S,E	Irr	Perforated 20 to 63 feet. Gravel packed.	
328	do	do	1968	75	8	70	Kcjp	1,392	--	--	3 S,E	Irr	Slotted 20 to 66 feet. Gravel packed.	
329	do	do	1968	60	8	60	Kcjp	1,390	--	--	2 S,E	Irr	Perforated 20 to 60 feet. Gravel packed.	
330	do	do	1968	60	8	60	Kcjp	1,388	--	--	2 S,E	Irr	Perforated 20 to 58 feet. Gravel packed.	
* 331	Albert Taylor	Curtis Alford	1967	80	8	80	Kcjp	1,425	--	--	3 S,E	Irr	Slotted. Gravel packed.	
* 332	do	do	1967	75	8	75	Kcjp	1,423	--	--	10 S,E	Irr	Do.	
333	R.F. Holdge	Sanders Drif. Co.	1968	101	8	101	Kcjp	1,432	--	--	10 S,E	Irr	Slotted 20 to 100 feet. Gravel packed.	
334	J.O. Jackson	Curtis Alford	1970	75	8	75	Kcjp	1,388	10.5	Aug. 17, 1971	3 S,E	Irr	Slotted. Reported yield 70 gal/min. Gravel packed.	
* 335	Albert Taylor	do	1970	77	8	77	Kcjp	1,425	24.4	do	5 S,E	Irr	Slotted. Reported yield 60 gal/min. Gravel packed.	
344	Jerry Warren	Curtis Alford	1971	72	5	72	Kcjp	1,388	--	--	3 S,E	Irr	Perforated 36 to 58 feet. Reported yield 35 gal/min. Gravel packed.	
345	do	do	1971	72	5	72	Kcjp	1,388	--	--	1 S,E	Irr	Perforated 45 to 66 feet. Reported yield 35 gal/min. Gravel packed.	
* 346	do	do	1971	79	5	79	Kcjp	1,392	--	--	1 S,E	Irr	Perforated 50 to 66 feet. Reported yield 45 gal/min. Gravel packed. Temp. 67°F.	
* 347	do	do	1971	73	5	73	Kcjp	1,412	--	--	1 S,E	Irr	Perforated 57 to 68 feet. Reported yield 45 gal/min. Gravel packed. Temp. 69°F.	
503	Jerry & Wesley Warren	do	1968	65	8	65	Kcjp	1,402	--	--	3 S,E	Irr	Slotted. Gravel packed.	

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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				
31-51-504	Jerry & Wesley Warren	Curtis Alford	1968	71	8	71	Kctp	1,410	--	--	S.E. 3	Irr	Slotted. Gravel packed.	
504	do	do	1968	66	8	66	Kctp	1,403	--	--	S.E. 2	Irr	Do.	
505	do	do	1968	66	8	66	Kctp	1,403	--	--	S.E. 2	Irr	Do.	
506	do	do	1968	68	8	68	Kctp	1,409	--	--	S.E. 2	Irr	Slotted 35 to 65 feet. Temp. 67°F.	
507	do	do	1968	60	8	60	Kctp	1,410	--	--	S.E. 2	Irr	--	
508	E.N. Higginbotham	do	1967	90	5	90	Kctp	1,438	--	--	S.E. 3	Irr	Perforated. Gravel packed.	
509	do	do	1967	86	5	86	Kctp	1,437	--	--	S.E. 3	Irr	Do.	
510	do	do	1967	85	5	85	Kctp	1,442	--	--	S.E. 3	Irr	Do.	
511	J.O. Jackson, Jr.	N.L. Box	1966	63	7	35	Kctp	1,394	12	June 6, 1966	S.E. 2	Irr	Slotted 14 to 30 feet. Pump set at 24 feet. Gravel packed.	
512	do	do	1966	46	7	45	Kctp	1,403	9	Apr. 26, 1966	S.E. 5	Irr	Slotted 18 to 37 feet. Pump set at 37 feet. Gravel packed. ⁴	
513	do	do	1966	55	7	55	Kctp	1,403	12	June 6, 1966	S.E. 5	Irr	Slotted 22 to 52 feet. Pump set at 46 feet. Gravel packed. ⁴	
514	do	do	1966	50	7	50	Kctp	1,403	9	June 7, 1966	S.E. 3	Irr	Slotted 18 to 45 feet. Gravel packed. ⁴	
515	do	do	1966	46	7	46	Kctp	1,407	13	do	S.E. 3	Irr	Slotted 15 to 40 feet. Pump set at 36 feet. Gravel packed. ⁴	
516	do	do	1966	45	8	45	Kctp	1,400	14	Aug. 24, 1966	N	N	Slotted 24 to 43 feet. Gravel packed. Unused irrigation well.	
524	Malvin Shell	Curtis Alford	1968	70	7	70	Kctp	1,391	6.2	Sept. 9, 1970	T.E.	Irr	Slotted. Gravel packed.	
614	W.C. Smith	Lee Barnhill	1968	85	8	85	Kctp	1,429	34.4	July 29, 1970	N	N	Slotted. Unused irrigation well. ¹	
615	do	do	1968	80	8	80	Kctp	1,433	45	Mar. 18, 1968	N	N	Slotted. Unused irrigation well.	
616	do	do	1968	90	8	90	Kctp	1,437	42	Mar. 28, 1968	N	N	Do.	
617	do	do	1968	90	8	90	Kctp	1,440	--	--	N	N	Do.	
*31-52-101	E.W. Townsen	do	1917	90	5	90	Kctp	1,342	15.5	Apr. 13, 1937	H	D.S	Perforated.	
102	Rayford Burgess	--	--	--	--	--	Kctp	1,349	--	--	S.E. 3/4	Irr	Pump set at 65 feet. Old waterflood well. ⁴	
103	do	Ardean Kimmell	1965	95	8	75	Kctp	1,349	11	Feb. 12, 1966	S.E. 1/2	Irr	Perforated from 20 to 75 feet. Pump set at 65 feet. Gravel packed. Cemented from 66 feet to surface. ⁴	
104	do	do	1965	69	8	58	Kctp	1,345	11	do	S.E. 1	Irr	Slotted 18 to 50 feet. Pumping level 190 feet on July 9, 1970. Gravel packed. ⁴	
105	Rayford Burgess	do	1965	94	8	90	Kctp	1,351	7.8	May 14, 1970	S.E. 1	Irr	Slotted 20 to 85 feet. Gravel packed.	
106	do	do	1966	110	8	110	Kctp	1,354	14	Jan. 5, 1966	S.E. 3	Irr	Slotted 20 to 105 feet. Gravel packed.	
107	do	do	1966	130	8	130	Kctp	1,355	16	Jan. 18, 1966	S.E. 3	Irr	Slotted 15 to 130 feet. Gravel packed.	
207	Max Pierce	Lightfoot & McCrum	1965	74	8	74	Kctp	1,319	11.6	June 24, 1970	S.E. 1 1/2	Irr	Slotted 15 to 18 feet and 21 to 63 feet.	
* 57-101	City of Rising Star	--	1922	70	10	--	Kctp	1,628	20	1946	T.E. 7 1/2	P	Reported yield 30 gal/min.	
102	do	--	1940	70	--	--	Kca	1,637	--	--	T.E.	P	Reported yield 30 gal/min.	
103	do	3 Curtis Alford	1945	70	--	--	Kca	1,640	--	--	S.E. 1	P		
104	do	--	1945	70	--	--	Kca	11,640	--	--	S.E. 1	P		
105	do	--	1945	70	--	--	Kca	1,635	--	--	S.E. 1	P		
106	do	--	1945	70	--	--	Kca	1,642	--	--	T.E. 3	P		

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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				
31-57-107	City of Rising Star	--	1945	70	--	--	Kca	1,645	--	--	S,E	P	4	
108	do	--	1945	70	--	24.7	Kca	1,640	24.7	Apr. 7, 1966	S,E	P		
109	do	--	--	--	--	15.2	Kca	1,644	15.2	Mar. 12, 1969	N	N		
110	do	--	1945	70	--	--	Kca	1,645	--	--	S,E	P		
111	do	--	1945	70	--	--	Kca	1,643	--	--	T,E	P		
112	do	--	1945	70	--	--	Kca	1,641	--	--	T,E	P		
113	do	--	1945	70	--	--	Kca	1,645	--	--	S,E	P		
114	do	--	1945	70	--	--	Kca	1,640	--	--	T,E	P		
115	do	--	1945	70	--	--	Kca	1,640	--	--	N	N		
116	B.F. June	--	1920	100	100	62.5	Kca	1,720	62.5	May 12, 1937	CW	D,S	Abandoned public well	
117	J.T. McBeth	Lee Clark	1923	85	72.5	57.3	Kca	1,680	57.3	May 11, 1937	CW	D,S	Perforated.	
118	City of Rising Star	Curtis Alford	1967	95	45	--	Kca	1,642	--	--	S,E	P	Slotted 50 to 80 feet. Cemented to 45 feet. Pump set at 88 feet.	
119	Lee Clark	do	1969	90	8	37.0	Kca	1,678	37.0	June 17, 1970	S,E	Irr	Perforated 60 to 90 feet. Reported yield 70 gal/min.	
120	do	do	1969	81	8	--	Kca	1,669	--	--	7 1/2	Irr	Perforated 50 to 80 feet. Reported yield 100 gal/min.	
121	do	do	1969	85	6	--	Kca	1,667	--	--	N	N	Perforated 55 to 85 feet. Reported yield 40 gal/min. Unused irrigation well.	
122	do	do	1969	90	8	--	Kca	1,668	--	--	S,E	Irr	Perforated 60 to 90 feet. Gravel packed.	
123	Joe Butler	do	1969	82	5	--	Kca	1,690	--	--	4	Irr	Perforated 60 to 80 feet. Reported yield 45 gal/min. Gravel packed.	
124	do	do	1969	83	5	66.7	Kca	1,695	66.7	Aug. 4, 1970	S,E	Irr	Perforated 50 to 82 feet. Reported yield 50 gal/min. Gravel packed.	
125	do	do	1969	83	5	75.9	Kca	1,700	75.9	do	S,E	Irr	Perforated 25 to 83 feet. Gravel packed.	
126	Max Wilson	do	1969	74	6	7.7	Kca	1,658	7.7	June 18, 1970	S,E	Irr	Perforated 32 to 65 feet. Gravel packed.	
127	do	do	1969	65	6	14.1	Kca	1,662	14.1	do	S,E	Irr	Perforated 32 to 65 feet.	
128	Jack Bibby	Jimmie Johnson	1969	62	5	20	Kca	1,636	20	July --, 1969	S,E	Irr	Perforated 42 to 62 feet. Cemented to 30 feet. Pump set at 40 feet.	
129	City of Rising Star	Curtis Alford	1970	84	12	21.3	Kca	1,646	21.3	Aug. 19, 1971	1/2	D,S	Temp 64°F? Unused public supply well.	
130	George Steel	Morrow Drig. Co.	1971	111	8	16.6	Kca	1,650	16.6	May 18, 1972	S,E	Irr	Slotted 23 to 109 feet. Reported yield 200 gal/min. Gravel packed.	
131	Ralph Kizer	do	1971	80	8	--	Kca	1,643	--	--	10	Irr	Slotted 16 to 76 feet. Reported yield 120 gal/min. Gravel packed.	
132	Max Wilson	Curtis Alford	1971	62	6	--	Kca	1,658	--	--	5	Irr	Slotted 35 to 60 feet. Reported yield 135 gal/min. Gravel packed.	
133	do	do	1971	78	5	--	Kca	1,645	--	--	5	D	Perforated. Pump set at 62 feet. Reported yield 12 gal/min. Gravel packed. Temp 70°F.	
134	City of Rising Star	do	1971	91	8	--	Kca	1,648	--	--	1	P	Perforated 55 to 85 feet. Cemented to 40 feet. Reported yield 40 gal/min. Gravel packed.	
135	do	do	1971	93	8	--	Kca	1,650	--	--	2	N	Perforated 40 to 75 feet. Cemented to 35 feet. Reported yield 50 gal/min. Gravel packed. Unused public supply well.	
136	Bill White	Morrow Drig. Co.	1971	90	6	25	Kca	1,640	25	May 10, 1971	S,E	Irr	Slotted from 25 to 75 feet. Pump set at 68 feet. Reported yield 35 gal/min. Gravel packed. Temp 68°F.	
137	do	do	1971	70	7	30	Kca	1,645	30	May 12, 1971	S,E	Irr	Slotted 50 to 70 feet. Estimated yield 25 gal/min. Gravel packed. Temp 67°F.	
138	do	do	1971	72	7	30	Kca	1,648	30	May 11, 1971	S,E	Irr	Slotted 52 to 72 feet. Estimated yield 30 gal/min. Gravel packed.	

See footnotes at end of county.

**Table 16. - Records of Wells
EASTLAND COUNTY - 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			
*31-57-139	R.L. Morrow	do	1970	125	7	110	Kca	1,696	37.2	July 10, 1972	S,E	Irr	Slotted 60 to 110 feet. Gravel packed. Temp 68°F.
* 201	W.L. Boggs	W.L. Boggs	1916	42	8	20	Kca	1,610	17.1	May 20, 1937	C,W	D,S	Perforated. Pump set at 100 feet. Gravel packed.
* 204	Dean Bailey	Curtis Alford Drilling & Well Service	1969	101	5	101	Kca	1,615	--	--	1/2	D	Temp 68°F.
* 205	do	do	1969	70	5	70	Kca	1,619	14.6	June 17, 1970	S,E	Irr	Perforated 40 to 70 feet. Gravel packed. ²
* 301	J.M. Higginbotham	do	1910	45	5	43.4	Kca	1,600	29.0	May 20, 1937	C,W	D,S	Perforated.
* 302	H.V. Hill	J.D. Boggs	1912	60	5	60	Kca	1,585	12.4	do	C,H	S	Pump set at 76 feet. Reported yield 30 gal/min. Gravel packed.
* 429	-- Livingston	Curtis Alford Drilling & Well Service	1964	80	6	80	Kca	1,681	34.1	July 8, 1965	S,E	Irr	Temp 70°F. Observation well. ³
* 435	E.O. Kizer	do	1968	102	8	102	Kca	1,650	18.2	Mar. 12, 1969	1	Irr	Slotted 62 to 102 feet. Gravel packed.
* 436	do	do	1969	90	8	90	Kca	1,666	--	Sept. 3, 1970	5	Irr	Slotted 55 to 90 feet. Gravel packed. Temp 66°F.
* 451	Ralph Kizer	Morrow Drig. Co.	1971	105	8	69	Kca	1,643	16	Mar. 19, 1971	7 1/2	Irr	Slotted 29 to 69 feet. Reported yield 150 gal/min. Gravel packed.
* 539	L.D. Bond	do	1970	138	7	125	Kca	1,672	58.2	Aug. 12, 1971	5	Irr	Slotted 45 to 125 feet. Reported yield 90 gal/min. Gravel packed.
* 540	do	do	1971	115	7	115	Kca	1,668	55.5	do	5	Irr	Slotted 35 to 115 feet. Reported yield 40 gal/min. Gravel packed.
* 543	do	do	1971	135	6	130	Kca	1,670	40	June 12, 1971	2	Irr	Slotted 35 to 130 feet. Reported yield 60 gal/min. Gravel packed.
* 544	do	do	1971	113	7	113	Kca	1,675	--	--	S,E	Irr	Slotted 62 to 112 feet. Reported yield 115 gal/min. Gravel packed.
* 545	do	do	1971	112	7	110	Kca	1,670	60	Apr. 30, 1971	S,E	Irr	Slotted 60 to 110 feet. Reported yield 60 gal/min. Gravel packed.
* 608	Troy Mitchell	Curtis Alford Drilling & Well Service	1967	80	8	80	Kca	1,605	15.8	Mar. 15, 1972	2	Irr	Temp 68°F. Perforated. Reported yield 27 gal/min. Gravel packed. ³

* For chemical analysis of water, see Table 19.

1 Electric and/or radioactivity logs in files of Texas Department of Water Resources.

2 For specific capacities of wells, See Table 3.

3 For water-level measurements from observation wells, see Table 18.

4 For results of power and yields tests, see Table 10.

5 For results of pumping tests, see Table 4.

6 Well used in the Chemical Quality Monitoring Network.

** Should be in Calahan County.

**Table 16. - Records of Wells
ERATH COUNTY**

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			
31-31-901 37-901 38-601	J.W. Wilson Bill Collum Roger B. Mize	Dan Morgan Jones Drig. Co. Wylie Drig. Co.	-- 1963 1965	100 60 91	-- 6 5	-- 60 91	Kcip Kcip Kcho	1,100 1,300 1,168	-- 25 60	-- Apr. 4, 1963 June 20, 1965	J,E S S,E	D,S S D	Sand seep at 62 feet. Main sands reported from 76 feet to 100 feet. Slotted from 55 to 60 feet. Pump set at 50 feet. Temp. 68°F. Perforated from 60 to 90 feet. Cemented to 3 feet. Pump set at 83 feet. Pumping level 83 feet at 6 gal/min. when drilled. Gravel packed. ²
701 702	Mrs. R.T. Wylie T.C. Sellers	Jones Drig. Co. do	-- 1962	80 101	5 4	80 101	Kcip Kcho	1,200 1,265	15 54.8	-- Mar. 18, 1970	1 --	D,S S	Slotted from 92 to 101 feet. Observation well.
802 901	do Chester Lowe	-- Jones Drig. Co.	-- 1969	60 310	5 4	60 310	Kcip Kche	1,255 1,440	28.4 262	Mar. 11, 1969 Oct. 7, 1969	J,E S,E	S D	Temp. 64°F. Slotted from 290 to 310 feet. Cemented to 288 feet. Pump set at 283 feet.
39-101 502	O.B. Rougemore Cee Bar Ranch	-- Terry Drilling	-- 1955	35 308	40 10	35 308	Kcip Kcip	1,115 1,175	17.1 62.2 55.3	Nov. 2, 1960 Oct. 28, 1965 Mar. 21, 1972	C,W S,E 1 1/2	D,S D,S	Dug well. Completed 137 to 159 feet. Pump set at 129 feet. Measured yield 17.7 gal/min. on Aug. 16, 1967. Power and yield test. Irrigated with 10 hp turbine until May 1967. Observation well. ³
701 901	R.F. Knight Morgan Mill	-- Jack Leonard	-- 1968	213 35	6 6	213 20 35	Kcip Kcip	1,315 1,040	143 10	Nov. 1, 1960 Mar. 3, 1968	C,W S,E	D,S P	Perforated from 28 to 32 feet. Cemented to 12 feet. Pumping level 28 feet at 36 gal/min. in Mar. 1968. Pump set at 32 feet. Estimated yield 35 gal/min. Gravel packed. ²
902 903	do Earl Allison	do B.W. Smith	1968 1972	32 60	20 5	12 32 60	Kcho Kcip Pn	1,035 1,026	10 23	Mar. 5, 1968 Dec. 21, 1972	S,E C,E	P S, Irr	Perforated from 21 to 25 feet. Pumping level 28 feet at 10 gal/min. in Mar. 1968. Pump set at 30 feet. Gravel packed. ²
40-101 44-901	Melvin Tipton Richard Krapf	Jones Drig. Co. Terry Drig.	1965 1952	105 219	4 7	105 144	Kcho Kcip	1,115 1,395	76.2 --	Mar. 27, 1970 --	S,E S,E	D Irr	Slotted from 95 to 105 feet. Pump set at 90 feet. Reported yield 10 gal/min. Observation well. ³
902 905	do Mobil Oil Corp.	do --	-- 1920	174 150	8 7	174 150	Kcip Kcip	1,420 1,455	-- --	-- --	S,E C,E	Irr Ind	Completed 63 to 71 and 95 to 139 feet. Reported yield 200 gal/min. Plugged back from 219 to 144 feet. Gravel packed. Pump set at 174 feet. Reported yield 265 gal/min. Gravel packed. Pump set at 140 feet.
45-701 46-101	John Webb C.T. Fuller	A. Watson Jones Drig. Co.	1969 1962	180 59	6 4	180 59	Kcip Kcho	1,435 1,243	136.2 34.9	Nov. 24, 1970 Mar. 18, 1970	S,E J,E	D D,S	Slotted from 135 to 180 feet. Pump set at 170 feet. Reported yield 8 gal/min. Gravel packed. Temp. 58°F. Perforated from 50 to 59 feet. Observation well. ³
203 204	Coastal States do	do do	1961 1961	397 396	-- 8	-- 396	Kcip Kcip	1,465 1,465	-- --	-- --	T,E T,E	Ind Ind	Screened 307 to 337 feet and perforated 370 to 395 feet. Temp. 71°F.
205 501	do Chester Ray	do Terry Drig.	1964 1951	364 320	-- 5	-- 320	Kcip Kcip	1,465 1,460	-- --	-- --	N C,E	N D,S	Abandoned well. ¹ Perforated from 16 feet near bottom. Upper water reported salty.
502 701 901	Dalton H. Dowell J.T. Hicks L.L. Hapke	Hester Drig. Co. Day Drig. Co. Jones Drilling Co.	1969 1967 1963	400 423 435	12 7 8	300 355 435	Kcip Kcip Kcip	1,447 1,465 1,425	240 202.3 291.6 320.6	Apr. 1, 1969 June 25, 1970 Nov. 14, 1967 Sept. 8, 1970 May 1966	S,E N N	Irr Irr N	Slotted from 240 to 385 feet and open hole from 385 to 400 feet. Cemented to 60 feet. Pump set at 376 feet. Pumping level 312 feet at 60 gal/min. when drilled. Reported yield 30 gal/min. ² Slotted from 200 to 298 feet and 334 to 339 feet. Pumping level 230 feet at 80 gal/min. when drilled. Temp. 70°F. ² Abandoned irrigation well. Historical observation well. ¹
902 903 47-401	Rodger George do Luia Butler	do Wolf Drilling Terry Drig. & Supply Co.	1966 1969 --	386 391 269	8 12 5	386 391 269	Kcip Kcip Kcip	1,410 1,392 1,390	240 270 --	Apr. 11, 1969 June 25, 1962 Sept. 20, 1968	T,G T,G C,E	Irr Irr N	Slotted from 226 to 386 feet. Pump set at 375 feet. Measured yield 223 gal/min. Perforated from 260 to 390 feet. Pump set at 380 feet.
402 404	Kenneth Ruckler Joe Dowell	Jones Drig. Co. Hester Drig. Co.	1962 1968	392 385	6 10	392 385	Kche Kcip	1,430 1,392	290 247	June 25, 1962 Sept. 20, 1968	S,E N	Irr Irr	Completed 382 to 392 feet. Pump set at 340 feet. Temp. 72°F. Slotted 247 to 385 feet. Pumping level 347 feet at 200 gal/min. when drilled.
501	Collier Ranch	Jones Drig. Co.	1963	275	4	275	Kche	1,315	253.2	Apr. 15, 1970	C,E 3/4	D,S	Perforated from 267 to 275 feet. Cemented to 90 feet. Pump set at 275 feet. Observation well. ³

See footnotes at end of county.

**Table 16. - Records of Wells
ERATH COUNTY - 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			
31-47-701	Raymond Jarrett	do	--	355	8	286	Kc1p	1,307	--	--	T,E	Irr	Perforated from 220 to 355 feet.	
702	Loyd Exatt	Terry Drilling	--	245	7	355	Kc1p	1,340	--	--	N	D,S	Three sands reported 30 to 40, 70 to 75, and 120 to 142 feet. Completed 77 to 100 feet. Pump set at 110 feet. Reported yield 100 gal/min. Measured yield 69 gal/min. ⁴	
48-301	Philip T. Graves	--	--	142	5	245	Kc1p	880	15.1	Nov. 12, 1960	T,E	D	Completed 77 to 100 feet. Pump set at 110 feet. Reported yield 100 gal/min. Measured yield 69 gal/min. ⁴	
302	Lee Manning	Jones Drfg. Co.	1964	145	8	120	Kc1p	910	20.2	Oct. 14, 1965	10	Irr	Destroyed industrial well.	
303	Santa Fe Railroad Co.	--	1942	300	--	--	Kc1p	880	--	--	N	N	Pump set at 140 feet. Reported yield 150 gal/min. Observation well. ³	
401	Chas. Keith	--	--	150	8	150	Kc1p	1,020	52.9	Mar. 25, 1966	T,E	Irr	Pump set at 140 feet. Reported yield 150 gal/min. Observation well. ³	
402	do	--	--	150	8	150	Kc1p	1,020	46.4	Mar. 27, 1969	T,E	Irr	Pump set at 140 feet. Reported yield 150 gal/min. Gravel packed. Temp. 76°F.	
801	Triangle Ranch	Jones Drfg. Co.	1963	204	10	125	Kche	985	--	Oct. 14, 1965	5	Irr	Completed 175 to 204 feet. Pump set at 180 feet. Reported yield 550 gal/min.	
802	do	do	1963	220	8	204	Kche	985	--	--	T,E	Irr	Open hole 245 to 247 feet. Cemented from 145 to 245 feet. Pump set at 244 feet. Reported yield 8 gal/min. Temp. 77°F. Observation well. ³	
901	F.S. Stocks	Watts Drfg. Co.	1962	274	4	245	Kche	1,161	197.5	Apr. 15, 1970	T,E	Irr	Completed 27 to 115 feet. Pump set at 110 feet. Reported yield 3 to 0 gal/min. Pumping level 43.85 feet at 142 gal/min. on July 18, 1966. Power and yield test. Gravel packed. ^{2,4}	
*31-52-301	Leon Barton	N.L. Box	1957	118	7	118	Kc1p	1,350	234.0	July 26, 1972	S,E	D,S	Reported yield 150 gal/min. Pumping level 47.28 feet at 100 gal/min. on July 10, 1967 and 45.93 feet on July 26, 1972. Gravel packed. Temp. 68°F. ^{2,4}	
302	Gayle Mahan	Stewart Drfg. Co.	1964	100	7	100	Kc1p	1,345	29.0	March 24, 1966	S,E	Irr	Reported yield 100 gal/min. Measured yield 150 gal/min. Gravel packed. Observation well. ^{3,4}	
303	do	do	1965	100	7	100	Kc1p	1,345	32.5	Sept. 14, 1965	S,E	Irr	Completed 45 to 62 feet and 100 to 126 feet. Reported yield 150 gal/min. Pumping level 111.31 feet at 120 gal/min. on July 19, 1966. Gravel packed. Temp. 70°F. ^{2,4}	
304	Joe Ben Koonce	J.T. Carson	1965	130	8	130	Kc1p	1,362	32.5	March 26, 1969	S,E	Irr	Completed 47 to 60, 85 to 90, and 105 to 120 feet. Reported yield 200 gal/min. Gravel packed.	
305	do	do	1965	125	8	125	Kc1p	1,370	41.9	do	S,E	Irr	Pump set at 60 feet. Pumping level 50 feet at 175 gal/min. when drilled. Gravel packed. Temp. 65°F. ²	
306	A.G. Parker	Robert Lee - Bob Barnhill	1966	107	8	83	Kc1p	1,323	19.1	May 21, 1970	S,E	Irr	Pump set at 60 feet. Pumping level 50 feet at 115 gal/min. when drilled. Gravel packed. ²	
308	do	do	1966	83	8	83	Kc1p	1,319	16.1	do	S,E	Irr	Gravel packed. ²	
312	Authrey Hood	Lightfoot & McRum	1968	104	8	104	Kc1p	1,350	34.4	May 26, 1970	S,E	Irr	Slotted from 37 to 51, 64 to 96 feet. Pump set at 97 feet. Pumping level 95 feet at 80 gal/min. when drilled.	
313	Authrey Hood	Lightfoot & McRum	1968	100	8	100	Kc1p	1,344	30	Jan. 11, 1968	S,E	Irr	Slotted from 37 to 51 and 64 to 96 feet. Pump set at 97 feet. Pumping level 95 feet at 80 gal/min. when drilled.	
314	W.O. Tunnell	W.O. Davis	1967	110	8	110	Kc1p	1,323	40	Mar. 22, 1967	S,E	Irr	Pump set at 90 feet. Reported yield 225 gal/min. Pumping level 60.0 feet at 110 gal/min. on July 10, 1967, 53.5 feet at 103 gal/min. on July 7, 1970, and 63.1 feet at 86 gal/min. on Aug. 18, 1970. Temp. 70°F. ⁴	
315	J.V. Stewart	Kimmell	1968	126	8	126	Kc1p	1,334	28.9	June 12, 1970	S,E	Irr	Slotted from 40 to 116 feet. Pumping level 120 feet at 180 gal/min. when drilled. Gravel packed.	
316	A.J. Stewart	Bill M. Lively	1966	140	8	129	Kc1p	1,359	30.0	June 11, 1970	T,E	Irr	Slotted from 45 to 75 and 95 to 130 feet. Pump set at 125 feet. Measured yield 302 gal/min. ^{2,4}	
317	A.J. Stewart	Bill M. Lively	1966	135	8	135	Kc1p	1,360	28.5	June 11, 1970	T,E	Irr	Reported yield 115 gal/min.	
318	Arden Parker	Robert Lee - Bob Barnhill	1970	107	6	107	Kc1p	1,330	22	Aug. 18, 1970	30	Irr	Reported yield 115 gal/min.	
319	J.B. Koonce	Lightfoot & McRum	1971	135	8	135	Kc1p	1,370	40	June 12, 1970	N	Irr	Slotted from 45 to 80 and 90 to 126 feet. Reported yield 240 gal/min. Gravel packed.	
320	Harold Higginbotham	do	1972	95	8	95	Kcho	1,325	36	May 24, 1972	S,E	Irr	Slotted from 59 to 83 feet. Reported yield 132 gal/min.	
321	do	do	1972	89	8	89	Kcho	1,329	36	May 27, 1972	S,E	Irr	Slotted from 60 to 80 feet. Reported yield 80 gal/min. Gravel packed.	
322	do	do	1972	90	8	90	Kcho	1,328	37	May 30, 1972	S,E	Irr	Slotted from 60 to 80 feet. Reported yield 130 gal/min.	
603	S.E. Cray	N.L. Box	--	101	8	101	Kc1p	1,320	53.1	Sept. 17, 1965	T,E	Irr	Pump set at 90 feet. Reported yield 100 gal/min.	

See footnotes at end of county.

**Table 16. - Records of Wells
ERATH COUNTY - 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			
*31-52-604	S. E. Cray	Steward Drilling Co.	1962	80	8	80	Kctp	1,314	77.1	Sept. 16, 1965	S.E. 3	Irr	Completed from 20 to 80 feet. Pump set at 72 feet. Gravel packed. Temp. 70°F.
614	A. G. Parker	Robert Lee - Bob Barnhill	1966	120	8	120	Kctp	1,317	22.4	May 21, 1970	S.E. 10	Irr	Pumping level 110 feet at 200 gal/min. when drilled. Gravel packed. ³
615	A.G. Parker	Robert Lee - Bob Barnhill	1966	115	8	115	Kctp	1,320	19.7	do	S.E. 10	Irr	Pumping level 110 feet at 165 gal/min. when drilled. Gravel packed. ²
616	A.G. Parker	Robert Lee - Bob Barnhill	1966	127		127	Kctp	1,320	38.5	do	N	N	Perforated reported yield 75 gal/min. Observation well. ³
617	S.E. Gary	Robert Lee - Bob Barnhill N.L. Box	1967	83	8	83	Kctp	1,314	29	Feb. 14, 1967	S.E. 7 1/2	Irr	Slotted from 29 to 81 feet. Reported yield 165 gal/min. Gravel packed.
631	Charlotte Parker	Robert Lee - Bob Barnhill	1970	114	6	114	Kctp	1,322	60	June 1976	N	N	Unused irrigation well. Reported yield 100 gal/min.
53-101	Leroy Jones	Terry Drilling	1955	137	7	137	Kctp	1,350	30	Oct. 19, 1959	T.E. 5	Irr	Pump set at 110 feet. Reported yield 75 gal/min. Unused.
• 103	Larry Bays	Wilmer Ocie Davis	1966	125	8	125	Kctp	1,352	--	--	S.E. 5	Irr	Slotted from 60 to 125 feet. Pump set at 118 feet. Pumping level 105.20 feet on June 19, 1970. Temp. 68°F.
104	M.L. Robertson	Lightfoot & McCrum	1971	118	8	118	Kctp	1,368	55	May 15, 1971	S.E.	Irr	Slotted from 55 to 75 and 83 to 100 feet. Reported yield 80 gal/min.
105	do	do	1971	127	8	127	Kctp	1,362	50	May 18, 1971	S.E.	Irr	Slotted from 50 to 80 and 103 to 115 feet. Reported yield 80 gal/min.
• 106	do	do	1971	135	8	135	Kctp	1,355	47	May 22, 1971	S.E.	Irr	Slotted from 47 to 85 and 97 to 120 feet. Reported yield 80 gal/min.
201	Louis Bays	Terry Drilling	1957	168	8	168	Kctp	1,345	91.8	Nov. 19, 1959	S.E.	Irr	Completed from 128 to 168 feet. Pump set at 160 feet. Reported yield 75 gal/min. Gravel packed.
• 202	Lloyd Bays	-- Heeter	--	120	7	120	Kche	1,345	53.6	Sept. 28, 1965	T.E. 5	Irr	Completed from 72 to 97 and 158 to 172 feet. Pump set at 160 feet. Measured yield 137 gal/min. on July 14, 1966. Gravel packed. Observation well. Temp. 67°F. ⁴
• 203	Louis Bays	Jones Drilling Co.	--	177	7	177	Kctp	1,345	90.9	do	S.E. 7 1/2	Irr	Unused irrigation well.
204	Louis Bays	-- Heter	--	85	7	85	Kche	1,345	88.2	March 26, 1969	N	N	Pump set at 72 feet.
205	do	do	--	80	6	80	Kche	1,345	53.6	Sept. 28, 1965	T.E. 2	Irr	Unused irrigation well.
206	do	do	--	132	5	132	Kctp	1,345	68.6	do	N	N	Abandoned and plugged. Observation well.
207	B.E. Hanson	--	--	140	7	140	Kctp	1,346	59.9	do	N	N	Abandoned and plugged. Observation well.
208	Louis Bays	Wilmer Ocie Davis	1968	145	8	145	Kcho	1,340	62.4	Jan. 17, 1968 June 23, 1970	S.E. 7 1/2	Irr	Slotted from 72 to 142 feet. Pump set at 109 feet. Pumping level 100 feet at 230 gal/min. when drilled and 77.5 feet at 114 gal/min. on July 8, 1970. ^{2 4}
209	do	do	1969	105	8	105	Kcho	1,338	58.2	do	S.E. 7 1/2	Irr	Slotted from 62 to 95 feet. Pump set at 100 feet. Reported yield 180 gal/min. Pumping level 72.0 feet at 128 gal/min. on Aug. 9, 1970. ^{2 4}
• 210	Ralph Ramsauer	do	1967	159	8	159	Kctp	1,345	24.7	June 23, 1970	S.E. 7 1/2	Irr	Slotted from 45 to 124 feet. Pump set at 150 feet. Reported yield 185 gal/min. Temp. 69°F.
211	Louis Bays	do	1970	110	8	110	Kche	1,360	--	--	S.E. 1 1/2	Irr	Slotted from 28 to 110 feet. Pumping level 100 feet at 170 gal/min. when drilled. Gravel packed.
• 301	Lingleville School	Terry Drilling	--	369	7	88	Kche	1,515	--	--	N	N	Abandoned school well.
• 302	do	Jones Drilling Co.	1954	428	4	428	Kcho	1,515	--	--	C.E. 3/4	P	Completed from 416 to 428 feet. Temp. 69°F.
303	Aaron Henslee, Jr.	do	1964	365	4	365	Kcho	1,535	312.5	Apr. 15, 1970	S.E. 1 1/2	D	Perforated from 355 to 365 feet. Cemented to 120 feet. Observation well. ³
401	Larry Bays	Terry Drilling	1957	136	6	136	Kctp	1,345	30	Sept. 16, 1965	T.E. 5	N	Abandoned irrigation well.
402	Mrs. Ross Decker	N.L. Box	--	131	8	131	Kctp	1,332	--	--	T.E. 5	Irr	Completed from 53 to 129 feet. Pump set at 110 feet. Reported yield 90 gal/min.
• 403	J.H. Fair	do	1962	161	8	161	Kctp	1,350	71.0	Sept. 15, 1965	S.E. 20	Irr	Completed from 72 to 160 feet. Pump set at 150 feet. Reported yield 220 gal/min. Pumping level 63.2 feet at 212 gal/min. on July 14, 1966. Gravel packed. Temp. 67°F. Observation well. ^{2 3 4}
404	Hanson and Taylor	J.T. Carson	1965	160	8	160	Kcho	1,338	51.7	Nov. 29, 1966	T.E.	Irr	Completed from 120 to 160 feet. Pump set at 157 feet. Reported yield 300 gal/min. Gravel packed. Historical observation well. ³
405	do	Lightfoot & McCrum	1964	141	8	141	Kctp	1,330	54.4 47.9	Sept. 17, 1965 March 24, 1966	30 -	Irr	Completed from 64 to 80, 83 to 98 and 121 to 135 feet. Reported yield 200 gal/min.

See footnotes at end of county.

**Table 16. - Records of Wells
ERATH COUNTY- Continued**

Well	Owner	Driller	Date Completed	Casing			Altitude of land surface (ft)	Below land-surface datum (ft)	Water level		Method of lift	Use of water	Remarks
				Depth of Well (ft)	Diameter (in)	Depth (ft)			Water-bearing unit	Date of measurement			
31-53-406	Wayne Keith	J.T. Brown	1965	91	5	91	1,310	50		S, E	S, Ind	Completed from 50 to 91 feet. Pump set at 65 feet.	
411	Mrs. Ross Decker	Lightfoot & McCrum	1966	157	8	157	1,332	32	Kcip	S, E	Irr	Slotted from 43 to 50, 55 to 115, and 120 to 150 feet. Pumping level 132 feet at 150 gal/min. when drilled. Gravel packed. ^{2, 4}	
412	do	do	1966	169	8	169	1,327	40	Kcip	S, E	Irr	Slotted from 46 to 120 and 130 to 160 feet. Pumping level 145 feet at 200 gal/min. when drilled. Temp. 68°F. ^{2, 4}	
415	Wess Newton	Ardean Kimmell	1969	128	8	128	1,318	31.2	Kcip	T, E	Irr	Slotted from 20 to 40, 65 to 90, and 105 to 117 feet. Pump set at 121 feet. Pumping level 121 feet at 270 gal/min. when drilled, 115.5 feet at 240 gal/min. on July 15, 1970, and 57.1 feet at 70 gal/min. on July 26, 1972. Temp. 68°F. ^{2, 4, 6}	
416	D.F. Pair	N.L. Box	1966	126	8	126	1,320	40	Kcip	S, E	Irr	Slotted from 40 to 123 feet. Pump set at 110 feet. Pumping level 110 feet at 360 gal/min. when drilled.	
417	Mrs. Ross Decker	Ardean Kimmell	1967	147	8	147	1,335	48.1	Kcip	S, E	Irr	Slotted from 55 to 130 feet. Pump set at 130 feet. Estimated yield 130 gal/min. Pumping level 130 feet at 150 gal/min. when drilled.	
420	L.G. Barker	Ardean Kimmell	1967	119	8	119	1,320	26.2	Kcip	S, E	Irr	Slotted from 35 to 46, 70 to 111 feet. Pump set at 110 feet. Estimated yield 150 gal/min. Pumping level 90 feet at 130 gal/min. when drilled. ²	
426	Fred Hammit	Ardean Kimmell	1966	138	8	138	1,328	47.9	Kcip	S, E	Irr	Perforated from 20 to 58, 74 to 134 feet. Pump set at 125 feet. Pumping level 125 feet at 360 gal/min. when drilled. ²	
427	Arnold Pair	Ardean Kimmell	1967	109	8	80	1,300	52.2	Kcip	S, E	Irr	Slotted from 20 to 50 feet. Pumping level 70 feet at 40 gal/min. when drilled. Abandoned irrigation well. ²	
428	Larry Bays	J.T. Brown	1966	138	7	138	1,344	55	Kcip	S, E	Irr	Slotted from 70 to 138 feet. Pump set at 127 feet.	
429	Larry Bays	J.T. Brown	1966	126	7	126	1,334	--	Kcip	S, E	Irr	Slotted from 55 to 125 feet. Pumping level 59.71 feet on June 19, 1970	
430	Wayne Keith	Ardean Kimmell	1969	116	8	116	1,310	55	Kcip	S, E	Irr	Slotted from 57 to 105 feet. Pumping level 116 feet at 235 gal/min. when drilled and 59.49 feet on June 17, 1970. ²	
431	Wayne Keith	Ardean Kimmell	1966	88	8	89	1,322	57.5	Kcho	S, E	Irr	Slotted from 66 to 78 feet. Pumping level 80 feet at 125 gal/min. when drilled. ²	
432	Wayne Keith	Ardean Kimmell	1969	96	8	96	1,318	--	Kcip	S, E	Irr	Slotted from 50 to 86 feet. Pumping level 96 feet at 70 gal/min. when drilled.	
433	O.R. Blankenship	Davis Drilling	1967	185	8	185	1,358	81.9	Kcho	S, E	Irr	Slotted from 95 to 165 feet. Pump set at 160 feet. Reported yield 190 gal/min. Temp. 70°F.	
434	C.O. Fair	Johnny Weir	1968	125	8	126	1,344	65.6	Kcip	S, E	Irr	Slotted from 80 to 120 feet. ⁴	
435	C.O. Fair	Johnny Weir	1968	160	8	160	1,332	49.0	Kcip	S, E	Irr	Slotted from 70 to 110 feet. Pumping level 92.98 feet on Aug. 19, 1970. ⁴	
436	C.O. Fair	Johnny Weir	1968	122	8	122	1,338	56.4	Kcip	S, E	Irr	Slotted from 60 to 116 feet. ⁴	
437	C.T. Keith	J.T. Brown	1967	118	8	118	1,318	44.2	Kcip	S, E	Irr	Slotted from 50 to 118 feet. Pump set at 118 feet. Reported yield 200 gal/min.	
438	C.T. Keith	W.O. Davis	1968	136	8	136	1,305	41.6	Kcip	S, E	Irr	Slotted from 50 to 110 feet. Pump set at 120 feet. Pumping level 110 feet at 100 gal/min. when drilled. Gravel packed. ²	
439	Arnold Pair	F & F Drilling	1967	120	8	120	1,293	--	Kcip	S, E	Irr	Slotted from 40 to 60 and 80 to 120 feet. Pump set at 115 feet. Pumping level 42.5 feet at 54.5 gal/min. on Aug. 18, 1970. ^{2, 4}	
440	Arnold Pair	Ardean Kimmell	1966	110	8	110	1,295	27.0	Kcip	S, E	Irr	Slotted from 40 to 60 and 80 to 110 feet. Pump set at 105 feet. Pumping level 77.2 feet at 37.5 gal/min. on July 7, 1970. Gravel packed. ^{2, 4}	
441	Arnold Pair	--	1967	110	8	110	1,289	--	Kcip	S, E	Irr	Measured yield 63.2 gal/min. on July 7, 1970 and 56.1 gal/min. on Aug. 1, 1972. Temp. 69°F. ⁴	
442	Adonis Kimmell	Ardean Kimmell	1970	180	8	134	1,330	57.5	Kcip	S, E	Irr	Slotted from 50 to 135 feet. Pump set at 131 feet. Pumping level 130 feet at 125 gal/min. when drilled.	
443	do	do	1970	146	8	146	1,320	46.2	Kcip	S, E	Irr	Slotted from 60 to 146 feet. Pump set at 146 feet. Pumping level 146 feet at 70 gal/min. when drilled. ²	
444	do	do	1970	143	8	143	1,330	55	Kcip	S, E	Irr	Slotted from 60 to 143 feet. Pump set at 140 feet. Pumping level 140 feet at 150 gal/min. when drilled. ²	
445	do	do	1970	138	8	138	1,332	52.9	Kcip	S, E	Irr	Slotted from 50 to 138 feet. Pump set at 136 feet. Pumping level 136 feet at 200 gal/min. when drilled. Gravel packed. ²	

See footnotes at end of county.

**Table 16. - Records of Wells
ERATH COUNTY - Continued**

Well	Owner	Driller	Date Completed	Depth of Well (ft)	Casing		Altitude of land surface (ft)	Below land-surface datum (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in)	Depth (ft)			Water-bearing unit	Date of measurement			
31-53-446	J.H. Fair	Smith & Wolf	1970	160	8	160	1,350	67.9	Nov. 10, 1970	S,E	Irr	Slotted from 70 to 160 feet. Pump set at 150 feet.	
• 447	Fred Hammitt	Ardean Kimmell	1967	140	6	140	1,332	-	-	T,E	D, Irr	Slotted from 60 to 140 feet. Reported yield 300 gal/min.	
452	Adonis Kimmell	Lightfoot & McCrum	1971	116	8	116	1,310	32	June 8, 1971	S,E	Irr	Slotted from 35 to 45 and 85 to 110 feet. Reported yield 80 gal/min. Gravel packed.	
501	Wayne Keith	Terry Drilling	1952	117	7	117	1,330	63.4	Aug. 26, 1965	N	N	Reported yield 35 gal/min. Observation well. Abandoned irrigation well. ¹	
502	do	do	1954	115	8	115	1,325	62.1	March 26, 1969	T,E	Irr	Reported yield 75 gal/min.	
• 503	B.W. Mathis	J.T. Brown	1963	177	7	177	1,315	64.3	Dec. 2, 1969	T,E	Irr	Completed from 75 to 108 and 123 to 170 feet. Pump set at 165 feet. Pumping level 103.39 feet at 57 gal/min. on July 12, 1966 and 99.4 feet at 81.6 gal/min. on July 9, 1970. Gravel packed. Temp. 69°F. Historical observation well. ^{2, 3, 4, 6}	
504	M.C. Jones	Terry Drilling	1954	128	8	128	1,320	60.8	Sept. 15, 1965	T,E	Irr	Pump set at 118 feet. Gravel packed. Measured yield 48.8 gal/min. on July 17, 1970. ⁴	
• 505	M.C. Jones	do	1953	125	8	125	1,332	67.4	Dec. 3, 1959	T,E	Irr	Pump set at 110 feet. Reported yield 50 gal/min. Temp. 69°F.	
506	Wayne Keith	-	-	115	8	115	1,334	-	-	T,E	Irr	Pump set at 115 feet. Reported yield 65 gal/min.	
507	do	Terry Drilling	1954	120	8	120	1,330	-	-	T,E	Irr	Reported yield 75 gal/min.	
508	do	J.T. Brown	1965	135	7	135	1,325	45	Apr. 8, 1965	T,E	Irr	Completed from 40 to 135 feet. Pump set at 125 feet. Reported yield 75 gal/min. Gravel packed.	
509	Ray L. Baldwin	do	1964	170	7	170	1,300	72.7	June 18, 1970	T,E	Irr	Completed from 75 to 108 and 123 to 165 feet. Pump set at 160 feet. Reported yield 100 gal/min. Gravel packed.	
510	B.W. Mathis	J.C. Humphries	1953	176	6	176	1,310	-	-	T,E	Irr	Completed from 70 to 95 and 118 to 160 feet. Pump set at 165 feet. Reported yield 120 gal/min. Gravel packed.	
511	M.C. Jones	Ardean Kimmell	1967	119	8	119	1,320	55.7	June 16, 1970	S,E	Irr	Slotted from 18 to 87 and 93 to 115 feet. Pump set at 110 feet. Reported yield 128 gal/min. Pumping level 117 feet at 240 gal/min. when drilled. ²	
512	do	do	1967	115	8	115	1,305	38.2	do	S,E	Irr	Slotted from 55 to 106 feet. Pump set at 91 feet. Reported yield 113 gal/min. Pumping level 95 feet at 240 gal/min. when drilled.	
513	do	do	1967	100	8	100	1,300	31.4	do	S,E	Irr	Slotted from 55 to 100 feet. Pump set at 91 feet. Reported yield 130 gal/min. Pumping level 95 feet at 240 gal/min. when drilled. ²	
• 514	do	do	1967	85	8	85	1,290	22.4	do	S,E	Irr	Slotted from 30 to 77 feet. Pump set at 80 feet. Pumping level 85 feet at 78 gal/min. when drilled and 64.4 feet at 40.5 gal/min. on July 17, 1970. Power and yield test. Gravel packed. Temp. 68°F. ^{2, 4}	
515	do	do	1968	115	8	115	1,325	47.0	do	S,E	Irr	Slotted from 52 to 105 feet. Pump set at 105 feet. Pumping level 110 feet at 125 gal/min. when drilled and 70.4 feet at 91 gal/min. on July 17, 1970. ^{2, 4}	
516	Ray L. Baldwin	J.T. Brown	1966	170	7	170	1,315	72.7	June 18, 1970	S,E	Irr	Slotted from 75 to 160 feet. Pump set at 160 feet. Gravel packed.	
• 517	E.B. Jacks	do	1966	110	8	110	1,302	50.6	Feb. 8, 1971	S,E	Irr	Slotted from 50 to 110 feet. Reported yield 140 gal/min. Pumping level 65.05 feet on June 18, 1970 and 89 feet at 63.2 gal/min. on July 14, 1970. Gravel packed. Temp. 69°F. ^{2, 4}	
518	E.B. Jacks	J.T. Brown	1966	135	8	135	1,295	48.6	June 18, 1970	S,E	Irr	Slotted from 65 to 130 feet. Pumping level 124.2 feet at 68.6 gal/min. on July 14, 1970. ^{2, 4}	
519	do	W.O. Davis	1967	158	8	158	1,290	37.5	do	S,E	Irr	Slotted from 19 to 87 feet. Pumping level 135 feet at 45 gal/min. when drilled. ²	
520	D.T. Armstrong	Ardean Kimmell	1966	128	8	128	1,305	55.7	June 19, 1970	S,E	Irr	Slotted from 55 to 80 and 99 to 116 feet. Pump set at 110 feet. Reported yield 105 gal/min. Pumping level 115 feet at 160 gal/min. when drilled. ²	
521	do	Wilmer Ocie Davis	1966	135	8	135	1,302	44.3	do	S,E	Irr	Perforated. Pump set at 126 feet. Reported yield 100 gal/min. Pumping level 100 feet at 120 gal/min. when drilled. ²	
522	C.L. Carmichael	W.O. Davis	1968	168	8	168	1,310	62	Oct. 10, 1968	S,E	Irr	Slotted from 73 to 168 feet. Pump set at 145 feet. Estimated yield 120 gal/min. Pumping level 130 feet at 150 gal/min. when drilled. ²	
523	Wayne Armstrong	Wilmer Ocie Davis	1966	171	8	171	1,340	75	July 21, 1966	S,E	Irr	Perforated from 75 to 171 feet. Pump set at 160 feet. Pumping level 160 feet at 120 gal/min. when drilled and 118.69 feet on June 18, 1970. ²	

See footnotes at end of county.

**Table 16. - Records of Wells
ERATH COUNTY - 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				
31-53-524	Wayne Armstrong	do	1966	173	8	173	Kcip	1,340	-	-	S,E	Irr	Slotted from 73 to 173 feet. Pump set at 160 feet. Pumping level 160 feet at 120 gal/min. when drilled and 130.70 feet on June 19, 1970. ²	
525	Wayne Keith	W.O. Davis	1967	150	8	150	Kcip	1,315	43.5	June 17, 1970	7 1/2	Irr	Slotted from 52 to 147 feet. Pump set at 136 feet. Pumping level 100 feet at 90 gal/min. when drilled. ²	
526	Gladys Nichols	J.T. Brown	1966	118	7	118	Kcip	1,275	28.6	do	7 1/2	Irr	Slotted from 70 to 118 feet. Pump set at 80 feet. Reported yield 35 gal/min. Gravel packed.	
527	Wayne Armstrong	W.O. Davis	1968	182	10	182	Kcip	1,322	-	-	2	Irr	Slotted from 80 to 182 feet. Pump set at 175 feet. Pumping level 144.3 feet at 185.3 gal/min. on July 7, 1970 and 129.5 feet on July 26, 1972. Power and yield test. Gravel packed. Temp. 68°F. ⁴	
528	Robert Henderson	do	1970	157	8	157	Kcip	1,333	65	--, 1970	S,E	Irr	Slotted from 40 to 154 feet. Pumping level 120 feet at 160 gal/min. when drilled. ²	
529	Wayne Armstrong	do	1971	183	10	183	Kcip	1,323	-	-	S,E	Irr	Slotted. Pump set at 80 feet. Estimated yield 50 gal/min. Reported yield 70 gal/min. Gravel packed. Temp. 67°F.	
530	E.B. Jacks	do	1971	150	10	150	Kcip	1,280	-	-	5	Irr	Slotted. Pump set at 80 feet. Estimated yield 50 gal/min. Reported yield 70 gal/min. Gravel packed.	
531	Wayne Keith	Wilmer Ocie Davis	1972	159	8	159	Kcip	1,325	-	-	S,E	Irr	Gravel packed.	
532	do	do	1972	142	8	142	Kcip	1,315	-	-	7 1/2	Irr	Gravel packed.	
601	Ted Robbins	J.T. Brown	1964	317	8	310	Kche	1,470	283	Nov. 19, 1959	T,G	Irr	Completed from 265 to 305 feet. Gravel packed. Temp. 70°F. Observation well.	
701	S.E. Keith, Jr.	-	1955	130	7	130	Kcip	1,352	270.4	Mar. 26, 1969	30	Irr	Completed from 70 to 130 feet. Pump set at 120 feet. Reported yield 50 gal/min.	
711	do	Terry Drilling	1956	130	7	130	Kcip	1,342	-	-	T,E	Irr	Completed from 70 to 130 feet. Pump set at 120 feet. Gravel packed.	
712	do	J.C. Humphries	1953	120	5	120	Kcip	1,275	26.4	Dec. 2, 1959	T,E	Irr	Completed from 80 to 110 feet. Reported yield 80 gal/min.	
713	do	Terry Drilling	1954	120	8	120	Kcip	1,275	28.1	do	T,E	Irr	Completed from 80 to 110 feet. Reported yield 100 gal/min. Pumping level 106.32 feet on August 25, 1965.	
714	do	J.T. Brown	1965	78	5	78	Kche	1,280	33.2	Oct. 13, 1965	-	S, Ind	Slotted from 45 to 78 feet. Cemented from 8 to 20 feet.	
715	Walter Rippetoe	N.L. Box	1959	113	7	113	Kcip	1,275	34.7	Dec. 2, 1959	N	Irr	Perforated from 28 to 33, 45 to 52 and 75 to 109 feet. Reported yield 60 gal/min. Gravel packed. Temp. 69°F.	
716	do	do	1959	113	7	113	Kcip	1,275	60.2	Sept. 16, 1965	S,E	Irr	Perforated from 70 to 108 feet. Reported yield 22 gal/min.	
717	do	J.C. Humphries	1952	96	7	96	Kcip	1,265	35	do	S,E	Irr	Completed from 80 to 96 feet. Pump set at 92 feet. Reported yield 40 gal/min. Pumping level 81.90 feet at 29.6 gal/min. on July 12, 1966. ⁴	
718	do	do	1956	96	8	96	Kcip	1,260	18.1	Mar. 24, 1966	S,E	Irr	Completed from 80 to 96 feet. Pump set at 80 feet. Reported yield 25 gal/min. Pumping level 77.91 feet at 30 gal/min. on July 12, 1966. Observation well. ^{2, 3, 4}	
732	Don Ray Keith	Wilmer Ocie Davis	1967	127	8	127	Kcip	1,310	52	Apr. 15, 1967	S,E	Irr	Slotted from 45 to 127 feet. Pump set at 125 feet. Pumping level 95 feet at 165 gal/min. when drilled and 110 feet at 83 gal/min. on July 7, 1967. ^{2, 4}	
733	Onie Keith	Wilmer Ocie Davis	1967	120	8	120	Kcip	1,280	50	Jan. 20, 1967	S,E	Irr	Slotted. Pump set at 715 feet. Pumping level 100 feet at 165 gal/min. when drilled. Power and yield test. ^{2, 4}	
734	do	-	-	-	-	-	Kcip	1,280	-	-	7 1/2	Irr	Power and yield test. ⁴	
746	B.H. Hazzard	Wilmer Ocie Davis	1967	168	8	168	Kcip	1,298	35.7	June 17, 1970	S,E	Irr	Slotted from 36 to 130 feet. Pump set at 155 feet. Estimated yield 110 gal/min. Pumping level 158 feet at 150 gal/min. when drilled. ²	
747	do	do	1967	145	8	145	Kcip	1,295	37.0	do	S,E	Irr	Slotted from 46 to 145 feet. Pump set at 135 feet. Temp. 67°F.	
755	Billy Keith	Lightfoot & McCrum	1971	129	8	129	Kcip	1,277	30	Aug. 23, 1971	S,E	Irr	Slotted from 35 to 45 and 85 to 122 feet. Reported yield 240 gal/min. Temp. 68°F.	
801	B.T. Keith and P.E. Keith	N.L. Box	1956	143	8	143	Kcip	1,285	61.6	Dec. 1, 1959	T,E	Irr	Completed from 27 to 30, 61 to 64, and 114 to 139 feet. Pump set at 135 feet. Reported yield 80 gal/min.	
802	do	J.C. Humphries	1953	143	6	143	Kcip	1,290	-	-	N	N	Pump set at 125 feet. Abandoned irrigation well.	
803	J.P. Thiebaud	J.T. Brown	1965	101	7	101	Kcip	1,270	30	Aug. 8, 1965	S,E	Irr	Completed from 45 to 101 feet. Pumping level 75.1 feet at 47 gal/min. on July 8, 1970. Gravel packed. Temp. 70°F. ⁴	

See footnotes at end of county.

**Table 16. - Records of Wells
ERATH COUNTY - 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	Mar. 31, 1966 Mar. 6, 1967			
31-53-804	Bill Keith	Lightfoot & McCrum	1966	132	8	132	Kcip	1,285	53.9 57.5	Mar. 31, 1966 Mar. 6, 1967	T,E	Irr	Slotted from 60 to 86, and 95 to 123 feet. Pump set at 125 feet. Pumping level 125 feet at 33 gal/min. on July 6, 1967. Gravel packed. ^{2, 4} Reported yield 75 gal/min. Observation well. ³	
805	B.W. Mathis	Joe Scott	--	123	8	123	Kcip	1,295	67.3	Aug. 31, 1966	S,E	Irr	Slotted from 53 to 70 feet. Pump set at 70 feet. Pumping level 66.16 feet at 56 gal/min. on July 12, 1966 and 63 feet at 71.0 gal/min. on July 6, 1967. Gravel packed. Temp. 70°F. ^{2, 4}	
806	Bill Keith	Lightfoot & McCrum	1966	180	8	80	Kche	1,285	65.4 51.9 53.2	Mar. 31, 1966 Mar. 6, 1967	S,E	Irr	Slotted from 50 to 68, 98 to 115, and 117 to 125 feet. Pump set at 125 feet. Gravel packed.	
807	P.T. Keith	do	1966	135	7	135	Kcip	1,270	48.8	Mar. 24, 1966	S,E	Irr	Slotted from 62 to 67, and 107 to 123 feet. Pumping level 93 feet at 99 gal/min. ⁴	
808	Bill Keith	do	1967	134	8	134	Kcip	1,285	55.4	Apr. 15, 1967	S,E	Irr	Slotted from 55 to 133 feet. Pump set at 125 feet. Pumping level 68 feet at 94.5 gal/min. Gravel packed. ⁴	
809	C.T. Keith	J.T. Brown	1967	135	8	135	Kcip	1,275	65	Oct. 10, 1967	S,E	Irr	Slotted from 105 to 140 feet. Pump set at 120 feet. Estimated yield 10 gal/min.	
810	Wayne Thiebaug	do	1967	142	6	142	Kcho	1,292	55	June 23, 1970	S,E	D,S	Slotted from 75 to 155 feet.	
811	do	do	1967	155	6	155	Kcip	1,295	70.9	Jan. --, 1969	S,E	Irr	Slotted from 100 to 151 feet. Reported yield 90 gal/min.	
812	do	do	1969	151	7	151	Kcho	1,298	65	June 17, 1970	S,E	Irr	Slotted from 50 to 67 and 120 to 132 feet. Pump set at 130 feet.	
813	P.E. Keith	Bill McCrum	1966	142	7	142	Kcip	1,270	49.5	do	S,E	Irr	Slotted from 66 to 77 and 110 to 140 feet. Pumping level 135 feet at 110 gal/min. when drilled. ²	
814	Billy Keith	Lightfoot & McCrum	1967	150	8	150	Kcip	1,283	54.9	Apr. 12, 1967	S,E	Irr	Perforated from 67 to 87 and 136 to 155 feet. Pumping level 90 feet at 35 gal/min. when drilled. ²	
815	do	do	1967	161	5	161	Kcip	1,302	65	June 24, 1970	S,E	Irr	Slotted from 50 to 128 feet. Pump set at 123 feet.	
816	T.L. House	J.T. Brown	1966	128	7	128	Kcip	1,260	41.0	Feb. 4, 1969	S,E	Irr	Slotted from 42 to 97 and 122 to 142 feet. Cemented to 10 feet. Pump set at 145 feet. Pumping level 132 feet at 110 gal/min. when drilled. Measured yield 61.6 gal/min. on July 8, 1970. ²	
817	J.P. Thiebaud	Hester Drig. Co.	1969	151	8	151	Kcip	1,330	52	Aug. 3, 1970	S,E	Irr	Slotted from 110 to 133 feet. Reported yield 60 gal/min.	
818	Billy Keith	Lightfoot & McCrum	1970	160	8	140	Kcho	1,290	50	Aug. 30, 1970	S,E	Irr	Slotted from 68 to 168 feet. Pump set at 155 feet. Reported yield 120 gal/min. Pumping level 100 feet at 140 gal/min. when drilled. Gravel packed. ²	
819	J.P. Thiebaud	Hester Drig. Co.	1970	168	8	168	Kcip	1,350	65	July 25, 1973	S,E	Irr	Completed from 70 to 228 feet. Pump set at 170 feet.	
820	B.H. Hazzard	Wilmer Ocie Davis	1972	101	8	101	Kcip	1,250	31.8	Oct. 12, 1965	S,E	Irr	Slotted from 120 to 150 feet. Pump set at 145 feet. Gravel packed. Temp. 70°F.	
821	do	do	1972	90	8	90	Kcip	1,250	29.2	May 8, 1971	S,E	Ind	Slotted from 160 to 220 feet. ¹	
822	do	do	1972	123	8	123	Kcip	1,272	47.9	July 1, 1971	S,E	Irr	Perforated from 388 to 398 feet. Cemented to 155 feet. Pump set at 370 feet. Reported yield 23 gal/min.	
823	do	do	1972	130	8	125	Kcip	1,275	--	Nov. 24, 1965	S,E	Irr	Slotted from 280 to 303 feet. Pump set at 280 feet. Reported yield 12 gal/min. Temp. 70°F.	
824	do	do	1972	127	8	122	Kcip	1,273	--		S,E	Irr		
825	do	do	1972	85	8	85	Kcip	1,245	21.0		S,E	Irr		
901	Joe Little	J.T. Brown	1964	228	7	228	Kcip	1,322	128		S,E	Irr		
902	T.L. House	do	1966	150	6	150	Kche	1,322	--		S,E	Ind		
903	do	do	1971	220	8	80	Kcho	1,322	119		S,E	D,S		
904	Curtis Turley	Dowell Well Service	1971	345	6	345	Kcip	1,430	280		S,E	Irr		
54-101	Parks and Sons Dairy	Jones Drilling Co.	1966	398	4	398	Kche	1,550	--		S,E	S, Ind		
102	James Traweek	J.T. Brown	1965	303	7	114	Kche	1,450	258		S,E	D,S		
				303	5	303	Kche	1,450			S,E	Ind		

See footnotes at end of county.

**Table 16. - Records of Wells
ERATH COUNTY - Continued**

Well	Owner	Driller	Date Completed	Depth of Well (ft)	Casing		Altitude of land surface (ft)	Below land-surface datum (ft)	Water level		Method of lift	Use of water	Remarks
					Diameter (in)	Depth (ft)			Water-bearing unit	Date of measurement			
31-54-103	Harold Parks	Hester Drilling Co.	1969	420	5	420	1,550	300	Nov. 5, 1969	S.E.	Ind	Slotted from 380 to 417 feet. Cemented to 180 feet. Pump set at 360 feet. Reported yield 30 gal/min.	
202	Donnell Gaines	Wolf Irrigation	1972	315	10	312	1,340	210	Jan. 18, 1972	T.G.	Irr	Slotted from 175 to 310 feet. Gravel packed.	
302	Mrs. Dan Lane	Day Drilling	1967	390	7	385	1,343	210.4	June 24, 1970	N	N	Perforated from 281 to 355 feet. Cemented from 200 to 260 feet. Pumping level 280 feet at 80 gal/min. when drilled. Gravel packed. Flood-control well. ^{1 2}	
303	Fagan Bays	Wolf Drilling	1972	350	8	350	1,350	--	--	S.E.	Irr	Slotted from 311 to 350 feet.	
601	W.L. Payton and Frakes	Jones Drilling Co.	1965	406	8	406	1,415	157.8	Mar. 9, 1967	N	N	Reported yield 270 gal/min. ¹	
602	do	do	1953	406	8	406	1,410	--	--	T.E.	Irr	Reported yield 160 gal/min.	
603	do	do	1965	407	7	407	1,405	--	--	T.E.	Irr	Completed from 320 to 328 feet. Pump set at 300 feet. Pumping level 298 feet on October 22, 1965.	
604	do	do	1962	328	4	328	1,410	280	Mar. 2, 1962	S.E.	S	Completed from 163 to 303 feet. Pump set at 185 feet. Reported yield 20 gal/min. Gravel packed.	
605	Stephenville Packing Co.	Doc McMillian	1964	303	6	303	1,400	--	--	C.E.	Ind	Completed from 263 to 283 feet.	
606	Erath Garden of Memory	Jones Drilling Co.	1953	283	7	283	1,380	--	--	C.E.	Irr	Perforated from 270 to 365 feet. Cemented to 150 feet. Pump set at 360 feet. Estimated yield 200 gal/min.	
607	do	do	1968	385	6	385	1,378	242.7	June 24, 1970	S.E.	Irr	Pump set at 365 feet. Pumping level 320 feet at 200 gal/min. on July 17, 1967. Temp. 72°F.	
801	Leander Klier	do	1955	387	8	387	1,380	223.9	Mar. 25, 1966	T.E.	Irr	Slotted from 235 to 365 feet. Pump set at 367 feet. Estimated yield 450 gal/min. Pumping level 300 feet at 600 gal/min. when drilled. Temp. 71°F. ²	
803	Ted Jones	Hester Drilling Co.	1971	377	10	377	1,382	248	Aug. 30, 1971	T.G.	Irr	Completed from 270 to 300 and 360 to 390 feet. Reported yield 125 gal/min.	
55-101	Poston Farms	Jones Drilling Co.	1959	390	6	390	1,340	--	--	T.E.	S	Reported yield 270 gal/min.	
102	B.W. Blankenship	do	1957	327	8	327	1,318	186	Oct. 8, 1965	T.G.	Irr	Screened 245 to 270 and 300 to 360 feet. Pump set at 380 feet. Reported yield 200 gal/min. Pumping level 308 feet at 188 gal/min. on June 3, 1960. Gravel packed. ^{1 2}	
103	City of Stephenville	Texas Water Wells	1960	400	8	363	1,319	235	June 3, 1960	T.E.	P	Completed from 250 to 275 and 350 390 feet. Pump set at 385 feet.	
104	City of Stephenville	Jones Drilling Co.	1956	402	10	400	1,340	--	--	T.E.	P	Screened 236 to 266 and 294 to 360 feet. Pump set at 380 feet. Reported yield 200 gal/min. Pumping level 314 feet at 140 gal/min. on June 20, 1960. Gravel packed. ^{1 5}	
105	do	Texas Water Wells	1960	392	16	234	1,300	133	June 2, 1961	T.E.	P	Completed from 245 to 255 and 341 to 364 feet. Observation well for pumping test on well 31-44-205. Cemented. Observation well. ^{1 3 5}	
106	do	Fort Worth Drilling	1946	366	10	--	1,297	--	--	T.E.	P	Temp. 72°F.	
107	do	do	1946	368	10	364	1,302	219.3	Feb. 23, 1966	N	N	Temp. 72°F.	
108	do	C. Calloway	1943	370	10	--	1,299	--	--	T.E.	P	Pump set at 350 feet. Reported yield 250 gal/min.	
109	do	--Hamilton	1944	375	10	--	1,298	--	--	T.E.	P	Reported yield 250 gal/min. when used.	
110	do	do	1944	375	10	--	1,300	--	--	T.E.	P	Pump set at 360 feet. Reported yield 350 gal/min.	
111	do	do	1949	377	10	--	1,345	266	Sept. 25, 1963	T.E.	P	Pump set at 365 feet. Reported yield 375 gal/min.	
112	do	do	1949	391	--	--	1,347	265.1	Feb. 8, 1966	T.E.	P	Pump set at 370 feet. Reported yield 390 gal/min.	
113	do	do	1949	390	10	--	1,325	257.9	Feb. 7, 1950	T.E.	P	Reported yield 75 gal/min. when used. Observation well. ³	
114	do	Jones Drilling Co.	1953	391	16	90	1,320	246.8	Sept. 25, 1963	N	N	Perforated from 218 to 282 and 338 to 386 feet. Reported yield 200 gal/min. Pumping level 315 feet at 200 gal/min. on July 1, 1959. Cemented. ²	
115	do	Texas Water Wells	1959	402	18	216	1,350	265	June 3, 1959	T.E.	P	Pump set at 370 feet. Pumping level 348 feet at 150.4 gal/min. on July 18, 1967. ^{2 4}	
116	Wolfe Nurseries	Jones Drilling Co.	1967	393	7	393	1,375	200	July --, 1967	S.E.	Irr		

See footnotes at end of county.

**Table 16. - Records of Wells
ERATH COUNTY - 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			
31-55-201	Texas A&M University-Tarleton Experiment Station	do	--	440	8	440	Kctp	1,322	262	Oct. 27, 1960	N	Irr	80 feet of screen on bottom. Measured yield 120 gal/min. Power and yield test. Observation well. ¹ 4	
* 202	City of Stephenville	W.A. Walker	1924	600	10	--	Kctp	1,287	231.1	Sept. 20, 1965	N	N	Observation well for pumping test on well 31-55-205. Observation well. ³ 5	
* 203	do	do	1932	372	10	351	Kctp	1,287	228.6	Mar. 27, 1965	T,E	P	Completed from 240 to 290 and 307 to 351 feet. Pump set at 340 feet. Temp. 72°F.	
* 204	do	J.B. Tatum	1938	351	12	--	Kctp	1,288	--	--	T,E	P	Reported yield 300 gal/min.	
* 205	do	E.E. Thate	1940	370	12	--	Kctp	1,288	--	--	T,E	P	Perforated from 245 to 273, 276 to 290, and 307 to 351 feet. Pumping test. Pump set at 340 feet. Reported yield 250 gal/min. Temp. 72°F. ⁵	
206	do	Jones Drilling Co.	1953	511	10	400	Kctp	1,310	246	Sept. 20, 1963	T,E	P	Pump set at 380 feet. Reported yield 200 gal/min.	
* 207	do	do	1964	511	10	390	Kctp	1,305	269	June 23, 1964	T,E	P	Pump set at 350 feet. Reported yield 150 gal/min. Temp. 70°F.	
208	Tarleton State College Farm	-- Jones	1918	519	6	519	Kctp	1,321	240	Jan. 25, 1947	N	N	Historical observation well. ¹ 3	
209	do	Texas Water Wells	1953	522	10	230	Kctp	1,322	257.0	Mar. 27, 1969	T,E	Irr	Completed from 230 to 285 and 335 to 395 feet. Pumping level 318 feet at 200 gal/min. when drilled. Pump set at 315 feet. Well drilled to 522 feet and plugged back to 400 feet. ²	
301	H.S. Foster	Terry Drilling	1954	520	7	434	Kctp	1,385	285	Mar. 11, 1953	N	N	Completed from 112 to 116, 345 to 395, and 490 to 513 feet. Reported yield 170 gal/min. Well caved in 93 feet from bottom and measures 427 feet. Observation well. ³	
302	do	do	1956	488	8	468	Kctp	1,335	364.8	Mar. 21, 1972	T,G	Irr	Completed from 70 to 93, 310 to 355, and 424 to 468 feet. Abandoned.	
303	Structural Plastic Co.	Jones Drilling Co.	1958	436	5	280	Kche	1,402	--	--	N	Irr	Reported yield 80 gal/min. Temp. 72°F.	
304	Poston Farms	Terry Drilling Co.	1958	360	6	360	Kche	1,381	--	--	T,E	Irr	Reported yield 365 feet. Reported yield 300 gal/min.	
401	Wolfe Nurseries	Jones Drilling Co.	1959	403	8	403	Kctp	1,342	250.1	June 23, 1966	T,E	Irr	Pump set at 365 feet. Reported yield 300 gal/min.	
402	Bob Love	Terry Drilling	1954	343	12	101	Kche	1,384	--	--	T,Ng	Irr	Pump set at 325 feet. Reported yield 195 gal/min. Measured yield 141 gal/min. on June 24, 1966. Pumping level 318 feet at 195 gal/min. when drilled.	
404	Bob Love	Jones Drilling Co.	1956	350	--	--	Kctp	1,367	--	--	T,Ng	Irr	Reported yield 135 gal/min.	
406	Wolfe Nurseries	do	1951	389	8	389	Kctp	1,369	--	--	T,E	Irr	Pump set at 370 feet. Reported yield 195 gal/min.	
* 407	do	do	1965	408	--	--	Kctp	1,352	243.8	Oct. 7, 1965	T,E	Irr	Pump set at 381 feet. Pumping level 325 feet at 171.5 gal/min. on July 17, 1967. Temp. 70°F. ² 4	
408	do	do	1960	404	7	404	Kctp	1,380	226.4	Mar. 10, 1967	T,E	Irr	Pump set at 365 feet. Measured yield 141 gal/min. on July 17, 1967.	
409	Jimmie Grissom	B.W. Smith	1967	393	12	393	Kctp	1,360	252.9	June 24, 1970	T,Ng	Irr	Slotted from 250 to 280 and 363 to 393 feet. Pump set at 380 feet.	
410	Wolfe Nurseries	Wolf and Sons	1969	401	10	401	Kctp	1,360	270	Feb. 17, 1969	T,E	Irr	Pumping level 380 feet at 288 gal/min. when drilled. ²	
411	Jimmie Grissom	do	1969	390	12	390	Kctp	1,340	270	Mar. --, 1969	T,Ng	Irr	Slotted from 300 to 390 feet. Pump set at 380 feet.	
501	Bill Mathis	Terry Drilling	--	303	5	303	Kctp	1,285	--	--	T,E	D	Screened 190 to 215, 224 to 236, 244 to 263, 312 to 327, and 333 to 368 feet. Cemented from 190 to surface.	
502	City of Stephenville	Texas Water Wells	1966	393	10	378	Kctp	1,270	--	--	T,E	P	Pump set at 240 feet. Reported yield 75 gal/min. Observation well. ³	
601	Gene Porter	Terry Drilling and Supply Co.	1953	261	7	261	Kche	1,278	245.4	Oct. 26, 1965	T,E	N	Pump set at 260 feet. Reported yield 30 gal/min.	
* 701	Fitzgerald Nursery	Jones Drilling Co.	--	290	--	290	Kche	1,336	--	Apr. 4, 1966	C,E	Irr	Reported yield 20 gal/min.	
702	do	do	--	290	5	290	Kche	1,349	245.4	Oct. 14, 1965	S,E	D,Irr	Reported yield 20 gal/min.	
801	City of Stephenville	Texas Water Wells	1965	454	10	420	Kctp	1,282	214.5	Mar. 26, 1969	T,E	P	Screened 215 to 240, 262 to 280, and 334 to 380 feet. Pumping level 280 feet at 227 gal/min. on February 23, 1966. Pump set at 370 feet. Reported yield 225 gal/min. Gravel packed. Observation well. ¹ 3 5	

See footnotes at end of county.

**Table 16. - Records of Wells
ERATH COUNTY - 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				
*31-55-802	City of Stephenville	do	1964	420	10	420	Kcip	1,259	212	Nov. 11, 1964	T,E	P	Screened 215 to 240, 262 to 280, and 324 to 390 feet. Pump set at 350 feet. Reported yield 250 gal/min. Pumping level 320 feet at 157 gal/min. on November 11, 1964. Temp. 72°F. ^{2, 4}	
803	Mrs. Fowler	Jones Drilling Co.	1963	360	6	360	Kcip	1,291	221.0	July 12, 1971	S,E	Irr	Completed from 240 to 360 feet. Pump set at 340 feet. Pumping level 282 feet at 184.6 gal/min. on August 15, 1967. Power and yield test. Observation well. ^{2, 3, 4}	
804	City of Stephenville	Texas Water Wells	1964	397	--	--	--	1,240	--	--	N	N	Drilled as a public supply test hole. ¹	
805	do	Layne-Texas	1969	443	10	385	Kcip	1,252	215	July 10, 1969	T,E	P	Screened 229 to 264, 279 to 354 feet. Cemented to 220 feet. Pump set at 350 feet. Pumping level 326 feet at 175 gal/min. on July 12, 1969. Underreamed. Temp. 70°F. ^{2, 3}	
806	do	do	1969	400	18	183	Kcip	1,225	160	Oct. 1, 1969	T,E	P	Screened 193 to 228, 242 to 322 feet. Cemented to 169 feet. Pump set at 340 feet. Pumping level 211 feet at 257 gal/min. on October 1, 1969. Underreamed. Temp. 70°F. ^{2, 3}	
807	do	do	1969	428	18	220	Kcip	1,280	205	Aug. 12, 1969	T,E	P	Screened 230 to 250, 265 to 275, 284 to 326, 336 to 366 feet. Cemented to 220 feet. Pump set at 350 feet. Pumping level 318 feet at 250 gal/min. on August 12, 1969. Temp. 73°F. ^{2, 3}	
808	do	Texas Water Wells	1971	390	18	230	Kcip	1,282	223	Aug. --, 1971	T,E	P	Screened 244 to 278, 292 to 338, 344 to 374 feet. Cemented to 230 feet. Pumping level 262 feet at 200 gal/min. when drilled. Gravel packed. Underreamed. ^{1, 2}	
809	do	do	1971	413	10	405	Kcip	1,290	251	Oct. --, 1971	T,E	P	Screened 252 to 268, 278 to 302, 316 to 332, 336 to 346, 356 to 392 feet. Cemented to 240 feet. Pumping level 325 feet at 179 gal/min. when drilled. Gravel packed. Underreamed. Temp. 70°F. ²	
* 61-202	Claude Kirkland	N.L. Box	1953	190	8	184	Kcip	1,303	79.8	Dec. 1, 1971	S,E	Irr	Completed from 82 to 104 and 162 to 183 feet. Pumping level 91.4 feet at 170 gal/min. on December 1, 1959 and 94.55 feet at 200 gal/min. on August 19, 1970. Slotted from 55 to 78, 80 to 95, 110 to 152 feet. Pump set at 150 feet. Gravel packed. Temp. 70°F. ^{2, 4}	
204	Dillard Lee	Bill McCrum	1965	160	8	160	Kcip	1,292	68.0	May 14, 1970	S,E	Irr	Pumping level 145.0 feet at 104 gal/min. on July 15, 1970. Gravel packed. ^{2, 4}	
205	do	Lightfoot & McCrum	1967	166	8	166	Kcip	1,290	74.6	July 14, 1971	S,E	Irr	Slotted from 70 to 92, 125 to 138 feet. Gravel guard from 138 to 154 feet. Reported yield 225 gal/min. Temp. 69°F. ^{2, 6}	
206	Bob Traweek	Lightfoot & McCrum	1967	170	8	170	Kcip	1,290	61.5	July 14, 1971	S,E	Irr	Slotted from 58 to 85, 95 to 160 feet. Pumping level 140 feet at 250 gal/min. when drilled. ²	
207	do	do	1969	155	8	155	Kcip	1,282	55.3	do	S,E	Irr	Slotted from 60 to 83, 105 to 145 feet. Pumping level 140 feet at 200 gal/min. when drilled. ⁴	
212	Lane Jones	do	1969	185	8	185	Kcip	1,300	65	Oct. 13, 1969	S,E	Irr	Slotted from 80 to 105, 125 to 175 feet.	
301	Thurston House	N.L. Box	1957	188	8	188	Kcip	1,315	97.0	Dec. 1, 1959	T,E	Irr	Completed from 96 to 188 feet Pump set at 125 feet. Pumping level 114.75 feet at 338 gal/min. on December 1, 1959 and 120.08 feet at 173.0 gal/min. on July 13, 1966. Observation well. Temp. 70°F. ^{2, 3, 4}	
601	Everett Colborn	J.C. Humphries	1953	400	8	400	Kche	1,525	--	--	S,E	Irr	Completed from 380 to 400 feet Pump set at 356 feet. Reported yield 125 gal/min. Pumping level 340 feet at 64.8 gal/min. on July 12, 1967. Temp. 70°F. ⁴	
602	do	do	1953	380	6	380	Kche	1,525	--	--	S,E	D,S	Pump set at 356 feet. Reported yield 80 gal/min. Temp. 70°F.	
* 62-101	City of Dublin	Layne Texas Co.	1931	436	8	250	Kcip	1,452	265	-- --, 1941	T,E	P	Pump set at 355 feet. Reported yield 90 gal/min. Pumping level 330 feet at 90 gal/min. in 1941. ²	
* 102	do	W.A. Walker	1915	350	12	436	Kche	1,452	--	--	T,E	P	Slotted from 325 to 350 feet. Pump set at 330 feet. Reported yield 80 gal/min.	
* 103	do	R.A. Adams and Son	1946	412	12	412	Kcip	1,452	100	Nov. 12, 1959	T,E	P	Completed from 325 to 350 and 385 to 412 feet. Pump set at 385 feet. Reported yield 50 gal/min.	
* 104	do	Texas Water Wells	1955	469	14	160	Kcip	1,500	330.0	Mar. 3, 1967	T,E	P	Completed from 300 to 386 and 396 to 466 feet. Pump set at 435 feet. Temp. 74°F. Observation well. ^{2, 3}	
* 105	do	do	1949	476	14	469	Kche	1,495	331.2	Mar. 25, 1966	T,E	P	Completed from 330 to 376, 380 to 395, and 420 to 474 feet. Pump set at 436 feet. Reported yield 250 gal/min. Pumping level 415 feet at 340 gal/min. when drilled. ¹	
201	F.A. Knappe	Jones Drilling Co.	1964	408	8	345	Kcip	1,390	--	--	T,G	Irr	Completed from 279 to 345 and 345 to 395 feet. Pump set at 320 feet. Measured yield 343 gal/min.	
202	V.E. Walker	Hester Drilling Co.	1970	330	10	330	Kcip	1,385	180	Aug. 9, 1970	T,G	Irr	Slotted from 205 to 330 feet. Pumping level 270 feet at 300 gal/min. when drilled. ²	

See footnotes at end of county.

**Table 16. - Records of Wells
ERATH COUNTY - 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			
31-62-301	Cottonwood Baptist Church	J.T. Brown Water Well Drilling	1964	256	4	256	Kche	1,352	221	Oct. 6, 1965	S,E	P	Completed from 236 to 256 feet.	
• 302	S.G. Lloyd	do	1968	252	5	252	Kcnp	1,310	170	Oct. 28, 1968	C,E	D,S	Slotted from 230 to 250 feet. Pump set at 222 feet. Reported yield 3 gal/min. Temp. 66°F	
404	Harry Tompkins	Smith & Wolf Drilling Co.	1968	376	10	375	Kche	1,510	--	--	S,E	Ind	Slotted from 331 to 376 feet. Pumping level 370 feet at 104 gal/min. when drilled. ²	
405	Bill Crouch	Hester Drilling Co.	1968	372	5	372	Kche	1,480	285	Apr. 12, 1968	S,E	S,Ind	Slotted from 350 to 372 feet. Cemented to 90 feet. Pump set at 340 feet. Reported yield 30 gal/min.	
406	Harry Tompkins	Wilmer Ocie Davis	1969	360	8	360	Kche	1,510	260	July --, 1969	S,E	Ind	Slotted from 260 to 360 feet. Reported yield 30 gal/min. Gravel packed.	
• 501	Liston Wiggon	Texas Irrigation Sales, Inc.	1965	436	6	436	Kche	1,375	209.6	Oct. 8, 1965	S,E	Irr	Completed from 196 to 246 feet. Pump set at 300 feet. Pumping level 250 feet at 48 gal/min. on July 17, 1967. Gravel packed. Temp. 72°F. ²	
502	John Stokes	Jones Drilling Co.	1964	450	6	450	Kcnp	1,440	310	Sept. 5, 1964	N	N	Perforated from 367 to 392 and 427 to 450 feet. Abandoned irrigation well.	
602	Don Stone	Hester Drilling Co.	1969	347	10	347	Kcnp	1,340	187	Mar. 17, 1969	T,E	Irr	Slotted from 187 to 325 feet. Pump set at 313 feet. Pumping level 267 feet at 400 gal/min. when drilled. ²	
604	I.C. Duncan	do	1971	385	10	385	Kcnp	1,350	220	Aug. 1, 1971	T,G	Irr	Perforated from 220 to 385 feet. Pump set at 377 feet. Pumping level 270 feet at 1,000 gal/min. when drilled. ²	
701	Bill Freeman	do	1969	414	10	414	Kcnp	1,450	300	Jan. 17, 1969	T,G	Irr	Slotted from 300 to 414 feet. Pump set at 392 feet. Pumping level 390 feet at 400 gal/min. when drilled. ²	
803	G.G. Hall	J.T. Brown Water Well Drilling	1965	285	8	87	Kche	1,342	169.9	Apr. 20, 1970	S,E	D	Slotted from 242 to 262 feet. Pump set at 233 feet. Underreamed. Observation well. ³	
804	Bobby Salver	do	1968	282	5	282	Kche	1,375	210	Mar. 20, 1968	S,E	D,S	Slotted from 248 to 280 feet. Pump set at 260 feet. Reported yield 10 gal/min.	
• 805	Joe Knapp	Wilmer Ocie Davis	1969	276	6	276	Kche	1,342	184.7	Feb. 11, 1971	S,E	D,S	Slotted from 235 to 276 feet. Pump set at 240 feet. Gravel packed. Temp. 70°F.	
806	Guy Hall	Wolf Drilling	1972	400	10	400	Kcnp	1,345	--	--	T,G	Irr	Slotted from 229 to 260, 330 to 400 feet. Gravel packed.	
• 63-101	D.B. Cook	Jones Drilling Co.	1964	380	8	390	Kche	1,350	--	--	T,G	Irr	Completed from 295 to 310, 315 to 335, and 340 to 380 feet. Pump set at 350 feet. Measured yield 302 gal/min. Temp. 70°F.	
102	R.D. Stephens	Texas Irrigation Sales, Inc.	1966	440	12	432	Kcgr, Kcnp	1,350	--	--	T,G	Irr	Slotted from 130 to 430 feet. Pumping level 360 feet at 446 gal/min. Pump set at 437 feet. Gravel packed. ¹	
203	W.P. Greenway	Hester Drfg. Co.	1971	401	10	401	Kcnp	1,314	260	Feb. 2, 1971	T,G	Irr	Slotted from 287 to 400 feet. Pump set at 398 feet. Estimated yield 500 gal/min. Pumping level 320 feet at 650 gal/min. when drilled. ²	
204	do	do	1971	410	10	410	Kcnp	1,330	250	Mar. 4, 1971	T,G	Irr	Slotted from 290 to 407 feet. Pump set at 407 feet. Estimated yield 450 gal/min. Pumping level 320 feet at 600 gal/min. when drilled. ²	
205	do	do	1971	354	10	354	Kcnp	1,280	247	Apr. --, 1971	T,G	Irr	Slotted from 247 to 351 feet. Pump set at 350 feet. Reported yield 400 gal/min. Pumping level 297 feet at 500 gal/min. when drilled. ²	
301	J.B. McConnell	Wolf and Son	1965	202	10	202	Kche	1,124	51.2	Oct. 15, 1965	T,G	Irr	Completed from 118 to 202 feet Pump set at 184 feet. Measured yield 200 gal/min. Observation well. ¹	
401	Clyde Huff	Wilmer Ocie Davis	1971	285	12	212	Kcho	1,195	--	--	T,G	Irr	Slotted from 215 to 265 feet.	
402	H.S. Foster	Wolf Drilling	1972	490	10	490	Kcho	1,321	--	--	T,G	Irr	Slotted from 450 to 490 feet. Gravel packed.	
501	E.G. Ammons	J. Brown	1968	205	5	205	Kche	1,150	120	July 2, 1968	C,E	D,S	Slotted from 185 to 205 feet. Pump set at 189 feet. Reported yield 3 gal/min.	
• 502	Bill Greenway	Hester Drfg. Co.	1971	395	12	395	Kcnp	1,288	--	--	T,G	Irr	Slotted from 290 to 392 feet. Pump set at 300 feet.	
• 701	L.F. Gibson	J. Brown	1968	294	7	100	Kche	1,317	220.	June 18, 1968	S,E	D,S	Perforated from 278 to 294 feet. Pump set at 270 feet. Reported yield 10 gal/min. Temp. 68°F.	
702	Dale Cook	Wolf Drilling	1972	425	12	402	Kcnp	1,324	--	--	T,G	Irr	Slotted from 312 to 402 feet and open from 402 to 425 feet. Reported yield 300 gal/min.	
901	M.L. Gage	D.McGavock	1966	289	6	15	Kche	1,202	228.9	Apr. 16, 1970	S,E	D	Slotted from 267 to 267 feet. Cemented to 15 feet. Pump set at 244 feet. Temp. 76°F. Observation well. ³	
902	Jimmy Shadden	Wolf and Son	1969	430	12	430	Kcnp	1,250	230.0	July 26, 1972	S,E	Irr	Slotted from 300 to 430 feet. Reported yield 600 gal/min.	
• 64-101	Glenn Kelsay	Hester Drilling Co.	1968	405	10	405	Kcnp	1,216	253.9 260.7	June 26, 1970 July 27, 1972	S,E	Irr	Slotted from 260 to 405 feet. Cemented to 30 feet. Pump set at 290 feet. Pumping level 307 feet at 390 gal/min. when drilled. Gravel packed. Temp. 78°F. Observation well. ²	

See footnotes at end of county.

**Table 16. - Records of Wells
ERATH COUNTY - 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			
*31-64-301	M.C. Lowry	Terry Drilling and Supply Co.	-	353	7	52	Kche	1,152	280.9	Sept. 16, 1968	S,E	D	Temp. 72°F. Observation well. ³	
402	L.E. Adams	Roberson Well Drig.	1963	281	5	353	Kche	1,159	271.9	Mar. 15, 1973	S,E	Irr	Completed from 261 to 270 feet pump set at 270 feet. Reported yield 105 gal./min. Observation well. ³	
602	J.B. Woodard	Leon Drig. Co.	1967	454	12	315	Kctp	1,140	241.6	June 26, 1970	T,G	Irr	Slotted from 280 to 355, 390 to 418, and 430 to 454 feet. Cemented from 180 to 200 feet. Pump set at 373 feet. Pumping level 300 feet at 500 gal/min. when drilled. Gravel packed. Observation well. ²	
603	Ralph Jaggars	Dalton Drig. & Service Co.	1970	331	7	454	Kche	1,080	252.5	Mar. 22, 1972	90	D	Slotted from 311 to 331 feet. Cemented to 20 feet. Reported yield 25 gal/min.	
604	Bob Ellis	Hester Drilling Co.	1972	470	12	470	Kctp	1,090	300	Aug. 25, 1972	T,G	Irr	Slotted from 300 to 470 feet. Reported yield 1,000 gal/min.	
902	W.W. Gleaton	do	1968	330	6	187	Kctp	1,150	270	Oct. 17, 1968	100	D	Slotted from 310 to 330 feet. Cemented to 63 feet. Reported yield 12 gal/min.	
* 903	B.V. Dellinger	Wilmer Ocie Davis	1968	323	5	330	Kctp	1,080	203.6	Nov. 24, 1970	S,E	D,S	Slotted from 259 to 289 feet. Open hole from 289 to 323 feet. Pump set at 285 feet. Reported yield 15 gal/min. Temp. 62°F.	
*32-41-103	Stanley Allen	A.L. Rodgers	1962	146	7	146	Kctp	865	19.7	Oct. 25, 1965	1 1/2	Irr	Completed from 35 to 45 and 105 to 140 feet. Pump set at 131 feet. Pumping level 50.90 feet at 200 gal/min. on August 17, 1967. Power and yield test. Measured yield 110 gal/min. on September 5, 1973. Gravel packed. Temp. 69°F. ² * 6	
401	Duane Johnson	Watts Drig. Co.	1964	155	8	155	Kctp	868	10	Nov. -, 1964	T,G	Irr	Pump set at 120 feet.	
* 49-101	Fred Parker	Dowell Well Service	1971	395	8	395	Kctp	1,095	275	Aug. 15, 1971	10	Irr	Completed from 45 to 50, 304 to 404, and 451 to 512 feet. Pump set at 330 feet. Observation well. ³	
501	E.L. Hufman	Jones Drilling Co.	1963	512	8	404	Kctp	1,130	262.1	Mar. 26, 1969	1 1/2	Irr	Completed from 45 to 50, 304 to 404, and 451 to 512 feet. Pump set at 330 feet. Observation well. ³	
502	do	do	1963	492	4	512	Kctp	1,075	270.6	Mar. 15, 1973	T,G	Irr	Pump set at 330 feet.	
41-06-103	Elvin Wright	Hester Drilling Co.	1971	390	10	390	Kctp	1,400	280	June 30, 1971	50	Irr	Slotted from 290 to 390 feet. Pumping level 340 feet at reported yield 600 gal/min. when drilled. ²	
07-201	M.R. Ross	Jones Drilling Co.	1963	278	4	278	Kche	1,235	212.4	Mar. 26, 1970	C,W	S	Completed from 268 to 278 feet. Cemented to 70 feet. Pump set at 260 feet.	
202	Chester Bouquet	Riley's Drilling Co.	1970	315	4	315	Kche	1,285	280	Oct. 6, 1970	S,E	D,S	Slotted from 290 to 315 feet. Cemented to 80 feet. Pump set at 294 feet. Pumping level 290 feet at 20 gal/min. when drilled.	
301	P.E. Bouquet	Wolf Drilling	1972	414	10	375	Kctp	1,205	-	-	1	D,S	Slotted from 270 to 335 feet. Open from 375 to 414 feet.	
08-202	George Holliday	Texas Irrigation Sales Inc.	1965	-	12	-	Kctp	1,035	114.2	Oct. 25, 1965	75	Irr	Gravel packed. Observation well. ³	
203	do	Hester Drilling Co.	1970	300	10	300	Kctp	1,030	120.9	Mar. 16, 1972	20	Irr	Slotted from 180 to 297 feet. Pump set at 277 feet. Reported yield 1,000 gal/min.	

* For chemical analyses of water, see Table 19.

1 Electric and/or Radioactivity logs in files of Texas Department of Water Resources.

2 For specific capacities of wells, see Table 3.

3 For water-level measurements from observation wells, see Table 18.

4 For power and yield tests on wells, see Table 10.

5 For results of pumping tests on wells, see Table 4.

6 Well used in Chemical Quality Monitoring Network.

**Table 16. - Records of Wells
HAMILTON COUNTY**

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	Water level			
*40-01-401	Gordon Euhus	Smith & Wolf Drig.	1968	355	12	355	Kche	970	1274	Nov. 9, 1970	T,G 100	I	Casing slotted 157 to 355 feet. Pump set at 255 feet. Estimated yield 600 gal/min. Pumping level 242 feet at 650 gal/min when drilled. Temp. 68°F. ²	
402	Derel Fillingin	Keon Drig. Co.	1965	350	12	276	Kche	982	115	Mar. --, 1985	T,G 70	I	Casing slotted 144 to 287 feet & 320 to 35 feet. Pump set at 273 feet. Pumping level 185 feet at 500 gal/min. when drilled. ²	
701	D.M. Proffitt	Jones Drilling Co.	1961	473	7	473	Kche	1,170	317.5	Apr. 6, 1966	T,G	I	Observation well. ^{1,3}	
*41-08-201	J.P. Cattle Co.	Tatum Dilling Co.	1963	284	6	23	Kche	1,135	229.4	Apr. 6, 1966	S,E	D,S	Casing perforated 240 to 264 feet. Cemented to 23 feet. Pump set at 256 feet. Estimated yield 12 gal/min. Temp. 74°F.	
• 301	City of Hico	--	1892	600	12	600	Kctp	1,090	198.2	Jan. 5, 1965	T,E	P	Observation well. ^{2,3}	
• 302	do	Jones & Duncan	1933	311	7	311	Kche	1,090	209.2	Mar. 15, 1971	15	P	Completed from 440 to 600 feet. Plugged back from 1392 feet. Pump set at 250 feet. Reported yield 180 gal/min. Pumping level 223 feet of 167 gal/min. on Jan. 12, 1965. Observation well. ^{2,3}	
303	Bluebonnet Country Club	Leon Drilling Co.	1966	344	8	340	Kche	1,040	200.6	Apr. 6, 1966	T,E 15 S,E 7 1/2	P	Pump set at 250 feet. Reported yield 115 gal/min.	
502	Billy Blidwell	Jones Drilling Co.	1963	358	4	354	Kche	1,225	327.2	Mar. 17, 1967	S,E	D,S	Casing slotted 235 to 340 feet. Cemented from 125 to 150 feet. Pump set at 275 feet. Pumping level 240 feet at 80 gal/min. when drilled. Gravel packed. ²	
702	-- Bulman	Leon Drilling Co.	1963	345	4	345	Kche	1,225	323.8	Mar. 13, 1970	S,E	D,S	Casing slotted 345 to 354 feet. Cemented to 120 feet. Pump set at 345 feet. Observation well. ³	
901	John Lockey	Duncan Drilling Co.	--	310	5	--	Kche	1,200	285	June 26, 1963	S,E 1 1/2	D,S	Casing slotted 318 to 345 feet. Cemented from 230 to 245 feet. Pump set at 317 feet. Pumping level 300 feet at 10 gal/min. when drilled. ²	
* 14-801	Lund Ranch	Tatum Drilling Co.	1965	273	4	252	Kche	1,342	--	Mar. 22, 1967	C,W C,E	S	Casing slotted 252 to 273 feet. Pump set at 255 feet. Pumping level 245 feet at 8 gal/min. when drilled. Temp. 72°F.	
• 15-402	W.N. Fuqua	do	1963	140	5	140	Kche	1,120	103	Mar. 10, 1963	S,E 1/2	D	Casing perforated 116 to 140 feet. Pump set at 130 feet. Reported yield 15 gal/min. Temp. 70°F.	
• 501	J.L. Roberson	Stewart Drilling Co.	1956	210	10	210	Kctp	1,020	18.6	Jan. 26, 1960	T,G	S	Casing perforated at intervals from 20 to 210 feet. Pumping level 110 feet at 350 gal/min. reported by owner. Observation well. ^{2,3}	
• 502	R.W. Durham	L.W. Little	1961	250	4	250	Kche	1,060	23.3	Mar. 16, 1972	60	S	Casing slotted 229 to 250 feet. Pump set at 105 feet. Reported yield 10 gal/min. Gravel packed. Temp. 69°F.	
• 503	T.B. Fuqua, Jr.	Tatum Drig. Co.	1963	230	5	230	Kctp	1,020	180	Jan. 24, 1963	C,W	S	Pump set at 225 feet. Reported yield 4 gal/min.	
• 702	E.C. Carr	do	1965	100	5	100	Kche	1,085	45	Mar. 1, 1965	S,E 1	S	Casing perforated 60 to 80 feet. Cemented to 32 feet. Pump set at 88 feet. Pumping level 85 feet at 18 gal/min. when drilled. Temp. 63°F. ²	
801	Monroe Reinert	Dalton Drilling	1969	218	5	218	Kche	1,040	43.7	Apr. 10, 1970	S,E 5		Casing slotted 68 to 88 feet, 124 to 148 & 198 to 218 feet. Cemented to 15 feet. Pumping level 158 feet at 70 gal/min. when drilled. Gravel packed. ²	
802	D.B. Trees	Tatum Drilling Co.	1965	260	4	260	Kche	1,225	225	Apr. 15, 1965	S,E 1 1/2	D	Casing slotted 230 to 260 feet. Cemented to 12 feet. Pump set at 225 feet. Pumping level 235 feet at 20 gal/min. when drilled. ²	
• 16-301	Danny Barnett	W.F. Smith	1969	423	4	400	Kche	1,200	354.9	Mar. 15, 1971	S,E	D,S	Open hole 400 to 423 feet. Pump set at 386 feet. Reported yield 10 gal/min. Temp. 73°F. Observation well. ³	
501	Frederick S. Rice	Tatum Drilling Co.	1963	199	4	199	Kche	1,005	160	Oct. 12, 1963	S,E 1/2	S	Casing slotted from 140 to 160 & 175 to 199 feet. Pump set at 186 feet. Reported yield 10 gal/min.	
• 706	Hidden Valley Store	do	1965	131	5	130	Kche	1,000	82.9	Nov. 13, 1970	S,E 1/2	P	Casing perforated 110 to 130 feet. Cemented to 12 feet. Pump set at 122 feet. Pumping level 115 feet at 12 gal/min. when drilled. Temp. 70°F. ²	
801	C.H. Craig	Morrow Drilling Co.	1959	235	10	235	Kcgr. Kche	990	75.7	Mar. 17, 1967	T,G	D,S	Casing perforated at intervals from 60 to 235 feet. Pump set at 220 feet. Reported yield 350 gal/min. Gravel packed.	
21-501	Harold Limmer	Dalton Drilling	1969	286	7	86	Kche	1,470	115.3	Mar. 17, 1972	90	D,S	Observation well. ^{1,3}	
• 601	Ernil Stegmoller	W. Howington	1953	470	12	250	Kctp	1,420	223.1	Apr. 3, 1970	S,E 3	D,S	Casing slotted 266 to 286 feet. Cemented to 18 feet. Pump set at 276 feet. Reported yield 30 gal/min. Observation well. ³	
801	Mrs. Bert Mayfield	Tatum Drilling Co.	1962	371	4	371	Kche	1,570	167.8	Jan. 25, 1960	T,G 15 C,E 1 1/2	Irr D,S	Open hole 250 to 470 feet. Pump set at 270 feet. Measured yield 50 gal/min. Pump set at 360 feet. Reported yield 4 gal/min.	

See footnotes at end of county.

Table 16. - Records of Wells
HAMILTON COUNTY - 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	Temp.			
*41-22-501	O.F. Gromatzky	Tatum Drilling Co.	1963	200	6	14	Kche	1,315	--	Apr. 13, 1966	N	N	Destroyed public supply well.	
502	Perry Karasek			230	7	218	Kche	1,325	163.1	Oct. 8, 1971	S,E	D	Casing perforated 218 to 230 feet. Cemented to 14 feet. Pump set at 225 feet. Pumping level 200 feet at 6 gal/min. when drilled. Temp. 72°F. Observation well. ^{2,3}	
503	O.F. Gromatzky	do	1954	212	4	185	Kche	1,322	150	--, 1954	S,E	P	Casing slotted 185 to 212 feet. Pump set at 200 feet. Pumping level 155 feet at 18 gal/min. when drilled. Sand from 185 to 195 and porous limestone from 195 to 212 feet.	
702	C.O. Schulz	do	1963	317	6	29	Kche	1,445	243	Apr. 13, 1966	S,E	D	Casing perforated. Cemented from 20 to 28 feet. Pump set at 300 feet. Pumping level 270 feet at 12 gal/min. when drilled. ²	
* 23-301	City Of Hamilton	J.L. Myers Sons	1948	600	16	72	Kche	1,275	388.6	May 31, 1962	S,E	P	Casing perforated 516 to 585 feet. Pump set at 506 feet. Pumping level 506 feet at 52 gal/min. on May 31, 1962. City well No. 2, ^{2,3}	
401	Jack R. Raney	L.W. Little Drilling Co.	1961	362	4	362	Kche	1,380	304.9	Dec. 13, 1968	C,E	S	Slotted from 320 to 362 feet. Pump set at 348 feet. Reported yield 8 gal/min. Gravel packed. Observation well. ^{2,3}	
601	Perry County Club	Leon Drilling Co.	1967	340	6	340	Kgr, Kche	1,240	337.5	Mar. 16, 1971	1/2	P	Slotted 230 to 245 & 300 to 325 feet. Pump set at 317 feet. Pumping level 317 feet at 16 gal/min. when drilled. Gravel packed.	
604	Roy Chumney	Dalton Drilling & Service	1971	520	5	411	Kche	1,300	370	Dec. 31, 1971	S,E	D	Slotted 480 to 520 feet. Cemented to 130 feet. Pump set at 480 feet. Pumping level 395 feet. at 15 gal/min. when drilled. ^{1,2}	
901	Burl Jackson	do	1967	323	5	323	Kche	1,225	269.6	Apr. 16, 1971	S,E	S	Slotted 300 to 323 feet. Cemented to 30 feet. Reported yield 4 gal/min. Observation well. ³	
41-24-101	O'Dell Ranch	L.W. Little	1961	460	4	460	Kche	1,145	248.6	Mar. 16, 1972	C,E	D,S	Slotted 408 to 60 feet. Estimated yield 35 gal/min.	
102	Dennis G. Harris	R.E. Adams & Son	--	301	7	36	Kcgr, Kche	1,164	--	--	C,W	D,S	Pump set at 286 feet. Reported yield 9 gal/min.	
103	W.E. Bennett	W.F. Smith	1968	400	5	301	Kche	1,230	319	Nov. 14, 1970	S,E	Ind	Open hole 370 to 400 feet. Pump set at 357 feet. Reported yield 24 gal/min. Temp. 56°F.	
301	Bill Lawson	Dalton Drilling	1967	177	5	177	Kche	950	116.3	Apr. 2, 1970	S,E	S	Slotted 157 to 177 feet. Cemented to 50 feet. Pump set at 16 feet. Reported yield 10 gal/min. Observation well. ³	
* 401	City of Hamilton	J.L. Myers & Sons	1948	601	16	5	Kcgr	1,160	321.1	May 17, 1965	S,E	P	Perforated and cemented. Pumping level 431.9 feet at 80 gal/min. on May 31, 1961 and 364 feet at 103 gal/min. on May 17, 1965. Observation well. ^{1,2,3}	
* 402	do	Morrow Drilling Co.	old	460	10	--	Kche	1,150	266.6	Feb. 2, 1960	N	P	Well abandoned and plugged.	
* 403	do	J.L. Myers & Sons	1948	569	20	9	Kche	1,240	443	July 2, 1965	S,E	P	Perforated 450 to 490 & 510 to 569 feet. Cemented to 450 feet. Pumping level 458 feet at 956 gal/min. on July 2, 1965. ²	
* 404	do	Jones Drilling Co.	--	540	12	450	Kcgr	1,124	332.5	May 31, 1961	S,E	P	Perforated 390 to 415, 445 to 480 & 510 to 540 feet. Measured yield 37 gal/min.	
* 405	J.C. Latham	J.W. Little	1960	511	10	540	Kche	1,180	250	Oct. 16, 1960	C,E	S	Slotted 348 to 367, 412 to 416 & 426 to 448 feet. Estimated yield 10 gal/min.	
406	Lester Coalson	Tatum Drilling	1964	439	7	47	Kche	1,203	313.2	July 2, 1965	S,E	D,S	Perforated 416 to 439 feet. Cemented to 47 feet. Pump set at 404 feet. Pumping level 340 feet at 18 gal/min. when drilled. Observation well. ^{2,3,4}	
501	Herman B. Meester	L.W. Little Drilling Co.	1963	489	4	489	Kche	1,170	370	June 17, 1963	C,E	D	Slotted 440 to 489 feet. Cemented to 8 feet. Pump set at 384 feet. Reported yield 8 gal/min. Gravel packed.	
601	F. Craig & D. Sellers	L.W. Little Drilling Co.	1963	356	4	356	Kche	1,085	310	Aug. 17, 1963	C,E	S	Slotted 334 to 356 feet. Cemented to 4 feet. Pump set at 325 feet. Reported yield 8 gal/min. Gravel packed.	
701	Roy Brazil	Tatum Drilling Co.	1964	515	5	441	Kcgr, Kche	1,310	--	--	C,E	D	Perforated 360 to 382 & 429 to 441 feet. Pump set at 458 feet. Estimated yield 2 gal/min.	
702	Gene Pruitt	do	1964	485	5	485	Kcgr, Kche	1,335	--	--	S,E	D	Cemented to 17 feet. Pump set at 460 feet. Reported yield 3 gal/min.	
801	Oscar Melde	Leon Drilling Co.	1966	432	4	432	Kche	1,225	332.8	Mar. 27, 1970	S,E	D,S	Slotted from 325 to 380 & 400 to 432 feet. Cemented from 285 to 300 feet. Pump set at 405 feet. Reported yield 10 gal/min. Gravel packed. Observation well. ³	

* For chemical analysis of water, see Table 19.

1 For water-level measurements of observation wells, see Table 18.

2 For specific capacities of wells, see Table 3.

3 For summary of aquifer tests, see Table 4.

Table 17.—Selected Oil, Gas, and Stratigraphic Tests Used in This Report

Logs in Texas Water Development Board Files

BOSQUE COUNTY

<u>Well</u>	<u>Operator</u>	<u>Lease and Well No.</u>	<u>Type of Log</u>
BB-40-02-103	American Liberty Dril. Co.	Clanton No. 1	Electric
03-603	C.M. Stover	City of Meridian No. 1	Drillers, Electric

BROWN COUNTY

BR-31-57-921	Goal-Tullous and Co.	Ben Moore No. 1	Sample
922	Alford Drilling Co.	D.H. Morrison	Drillers
41-01-234	do	City of May	Do.
828	Johnson Well Service	J.C. Nance	Radioactive

CALLAHAN COUNTY

BX-30-46-901	Ab-Tx Drilling Co.	G.M. Caldwell No.1	Electric
54-301	Sunray Oil Co.	C.B. Apin No. 1	Do.

COMANCHE COUNTY

DY-31-51-401	Edwards Brothers	J.C. Cook No. 1	Electric
52-503	N.L. Box Drilling Co.	N.L. Box	Drillers
918	Lightfoot & McCrum	F. Terrell	Do.
58-302	U.M. Harrison	Mason No.1	Electric
60-103	Norman Pate	Elvin Walker No. 5	Radioactive
401	N.L. Box Drilling Co.	O.G. Gilchrist	Drillers
807	Spears Well Drilling	Gayle McGinnis	Radioactive
41-03-904	Lavender & Barbre	Pear Kirk No. 1	Electric
05-218	Harris Drilling Co.	R.P. Carter	Radioactive
06-502	TWDB	Gene Gilbreath	Drillers, Electric
11-301	Sun Oil Co.	E.E. Bryson No. 1	Drillers

Table 17.—Selected Oil, Gas, and Stratigraphic Tests Used in This Report—Continued

<u>Well</u>	<u>Operator</u>	<u>Lease and Well No.</u>	<u>Type of Log</u>
COMANCHE COUNTY—Continued			
802	Exxon Co.	J.M. Foreman No.1	Electric
14-401	do	Macksville Oil Unit	Do.
702	Halton Drilling Co.	Leslie Miller	Drillers
EASTLAND COUNTY			
JD-30-48-902	F. & F. Drilling Co.	Walter Hall	Drillers
56-502	T. Johnson	C. Hutton No. 2	Radioactive
701	Durhman and Young Oil Co.	H. L. Vestal No. 1	Electric
802	Jake T. Lake Trustee	A.A. Tyler No. 1	Radioactive
31-34-602	Jarbe Oil Co.	Gladys Barrow No. 2	Drillers, Electric
42-502	M.K. Gates	L.A. Hightower No. 1	Drillers
520	Victor Cornelius	Marcus Greiger No. 3	Electric
725	Alford Drilling Co.	Cecil Self No. 3	Radioactive
43-905	Great Western Drilling Co.	Roane No. 1	Radioactive
44-519	S.J. Raymou, et al.	Jordan No. 1	Electric
606	Lee - Barnhill	L.P. Hammond	Radioactive
705	Magnolia Petroleum Co.	J.M. Bishop No.2	Electric, Radioactive
811	Standard Oil of Texas	L.E. Clark No. 1	Electric
815	Schkade Bros.	Echols No. 1	Drillers, Radioactive
49-703	Smart & Brooks	P.C. Larkin No. 1	Sample
51-336	National Co-op Refining Corporation	McFalter No. 1	Electric
343	Luling Oil & Gas Co.	Moates No. 1	Do.
57-202	Coastal States Gas Producing Co.	J.E. Watkins No. 2	Do.
303	do	Bertha Beal No. 1-A	Do.

Table 17.—Selected Oil, Gas, and Stratigraphic Tests Used in This Report—Continued

<u>Well</u>	<u>Operator</u>	<u>Lease and Well No.</u>	<u>Type of Log</u>
ERATH COUNTY			
JP-31-39-902	Leonard Drilling Co.	Morgan Mill WSC No. 2	Drillers
40-101	Jones Drilling Co.	Melvin Tipton	Do.
44-906	Foster Brothers	C.P. Putty No. 1	Sample
47-501	Jones Drilling Co.	Collier Ranch	Driller
54-401	Arkansas-Louisiana Gas Co.	Treasure Rector No. 1	Electric
802	Louisiana Machine Co.	J.L. Kiker No. 1	Drillers
55-209	Texas Water Well	Tarleton State College No. 2	Electric
409	Smith Drilling Co.	Jimmie Grisson No. 1	Drillers
61-205	Lightfoot & McCrum	Dillard Lee No. 3	Do.
62-602	Hester Drilling Co.	Don Stone	Do.
63-102	Texas Irrigation Sales, Inc.	R.D. Stephens	Radioactive
202	Cruse, et al.	J.B. Wadlington	Drillers
64-202	Burgin Oil Co.	Mrs. M.B. Robertson No. 1	Electric
501	do	Nelms No. 1	Do.
502	C.A. Davisson	Keensman Estate No. 1	Drillers
HAMILTON COUNTY			
LA-41-15-502	Little Drilling Co.	R.W. Durham	Drillers
16-902	General American Oil Co.	Warren Sibley No. 1	Electric
22-401	Lone Star Gas Co.	E.J. Burks No. 1	Do.
23-202	Prince Brothers Drilling Co.	Petrey No. 1	Do.

Table 18.—Water Levels in Selected Wells

(feet below land surface)

Date	Water level	Date	Water level	Date	Water level
Brown County					
Well 30-64-601		Well 31-57-805—Continued		Well 41-01-234—Continued	
Apr. 23, 1962	28.90	Mar. 8, 1973	17.12	Mar. 21, 1972	79.48
Apr. 28, 1966	28.16	Mar. 7, 1974	17.51	Mar. 7, 1974	67.52
Mar. 23, 1967	27.78	Apr. 11, 1975	15.45	Apr. 11, 1975	71.42
Mar. 21, 1968	27.38	Mar. 14, 1986	19.23	Mar. 21, 1985	90.70
Mar. 11, 1969	26.70	Well 31-57-914		Well 41-01-420	
May 5, 1970	23.84	May 29, 1963	139.00	Sept. 4, 1970	9.50
Mar. 12, 1971	24.73	Apr. 28, 1966	144.80	Mar. 24, 1971	11.74
Mar. 21, 1972	24.96	Mar. 23, 1967	145.20	Mar. 13, 1972	8.92
Mar. 8, 1973	24.92	Mar. 11, 1969	136.80	Mar. 8, 1973	11.26
Mar. 7, 1974	27.20	Mar. 25, 1970	143.90	Mar. 7, 1974	11.72
Apr. 11, 1975	25.20	Mar. 12, 1971	144.40	Apr. 11, 1975	8.28
Mar. 14, 1986	29.23	Mar. 21, 1972	143.17	Mar. 6, 1984	14.82
Well 31-57-523		Mar. 8, 1973	142.85	Well 41-01-918	
May 8, 1963	68.60	Mar. 7, 1974	138.03	Mar. 29, 1963	45.00
Apr. 29, 1966	67.47	Well 41-01-201		Mar. 23, 1967	105.71
Mar. 23, 1967	67.43	Oct. 26, 1960	70.08	Mar. 11, 1969	107.20
Mar. 21, 1968	67.18	Apr. 28, 1966	69.63	Mar. 25, 1970	104.64
Mar. 11, 1969	69.65	Mar. 23, 1967	69.41	Mar. 12, 1971	104.76
Mar. 25, 1970	66.63	Mar. 21, 1968	39.50	Mar. 13, 1972	104.84
Apr. 6, 1971	69.10	Mar. 11, 1969	60.30	Mar. 8, 1973	106.75
Mar. 21, 1972	66.59	Mar. 25, 1970	38.29	Mar. 20, 1974	106.80
Mar. 8, 1973	65.76	Mar. 12, 1971	59.83	Apr. 10, 1975	104.80
Mar. 7, 1974	66.87	Mar. 13, 1972	46.69	Mar. 14, 1986	104.95
Apr. 11, 1975	66.21	Apr. 3, 1973	51.15	Well 41-09-303	
Mar. 14, 1986	71.19	Mar. 7, 1974	49.39	Mar. 19, 1963	74.50
Well 31-57-805		Apr. 11, 1975	26.37	Apr. 28, 1966	78.80
May 10, 1963	16.15	Mar. 21, 1985	39.30	Mar. 23, 1967	73.26
Apr. 28, 1966	15.77	Well 41-01-234		Mar. 12, 1969	78.40
Mar. 23, 1967	16.36	Mar. 23, 1967	65.82	Mar. 25, 1970	69.35
Mar. 11, 1969	14.10	Mar. 21, 1968	67.01	Mar. 12, 1971	69.15
Mar. 25, 1970	14.24	Mar. 11, 1969	66.10	Mar. 13, 1972	66.34
Mar. 12, 1971	16.09	Mar. 25, 1970	71.24	Mar. 8, 1973	65.39
Mar. 21, 1972	15.80	Mar. 12, 1971	81.26	Mar. 20, 1974	65.35
				Apr. 11, 1975	62.83

Table 18.—Water Levels in Selected Wells—Continued

Date	Water level	Date	Water level	Date	Water level
Brown County—Continued					
Well 41-09-303—Continued		Well 41-11-721		Well 41-18-303—Continued	
Mar. 14, 1986	62.01	Feb. 9, 1963	21.26	Mar. 12, 1969	78.02
Well 41-10-639		Apr. 28, 1966	20.91	Mar. 25, 1970	76.80
Oct. 8, 1964	160.00	Mar. 23, 1967	23.44	Mar. 10, 1971	76.50
Apr. 28, 1966	162.81	Mar. 12, 1969	20.36	Mar. 13, 1972	76.45
May 4, 1967	155.09	Mar. 25, 1970	17.73	Mar. 8, 1973	75.50
Mar. 22, 1968	155.73	Mar. 10, 1971	20.68	Mar. 20, 1974	77.12
Mar. 12, 1969	154.83	Mar. 8, 1973	23.96	Apr. 10, 1975	78.00
Mar. 25, 1970	153.68	Mar. 20, 1974	22.54	Mar. 14, 1986	80.53
Jan. 5, 1971	152.70	Apr. 10, 1975	18.04	Well 41-18-650	
Mar. 13, 1972	154.64	Well 41-18-205		Mar. 26, 1970	22.33
Apr. 3, 1973	156.06	Jan. 3, 1963	138.00	Mar. 10, 1971	28.63
Mar. 20, 1974	153.98	Apr. 28, 1966	137.84	Mar. 13, 1972	33.70
Apr. 11, 1975	155.12	June 7, 1967	138.19	Mar. 8, 1973	30.85
Mar. 14, 1986	156.21	Mar. 22, 1968	137.60	Mar. 20, 1974	31.05
Well 41-10-903		Mar. 12, 1969	140.80	Apr. 10, 1975	26.40
Jan. 18, 1963	76.70	Mar. 13, 1972	143.17	Mar. 16, 1976	26.55
Apr. 28, 1966	79.80	Mar. 8, 1973	138.75	Mar. 23, 1977	28.40
Mar. 12, 1969	71.30	Mar. 20, 1974	137.29	Mar. 16, 1978	28.59
Mar. 10, 1971	76.32	Apr. 10, 1975	137.20	Mar. 15, 1979	31.00
Mar. 13, 1972	76.46	Mar. 14, 1986	143.09	Mar. 10, 1980	30.82
Mar. 8, 1973	76.16	Well 41-18-303		Mar. 22, 1982	34.55
Mar. 20, 1974	77.92	Dec. 18, 1962	50.00	Mar. 7, 1984	34.48
Apr. 10, 1975	78.74	Apr. 28, 1966	80.03	Mar. 21, 1985	32.19
Mar. 16, 1978	76.15			Mar. 14, 1986	35.76

Table 18.—Water Levels in Selected Wells—Continued

Date	Water level	Date	Water level	Date	Water level
Callahan County					
Well 30-46-701		Well 30-55-503		Well 30-55-923—Continued	
Mar. 24, 1970	22.98	Mar. 29, 1966	77.51		
Jan. 14, 1971	23.09	Mar. 15, 1967	77.58	Mar. 11, 1969	13.75
Jan. 8, 1972	22.59	Mar. 21, 1968	77.20	Mar. 24, 1970	8.89
Dec. 8, 1972	23.05	Mar. 11, 1969	79.00	Jan. 14, 1971	12.46
Nov. 12, 1973	24.90	Mar. 24, 1970	73.72	Jan. 8, 1972	12.23
Nov. 7, 1975	24.71	Jan. 14, 1971	75.38	Nov. 12, 1973	14.07
Mar. 13, 1986	23.85	Jan. 8, 1972	75.10	Nov. 7, 1974	12.09
Well 30-47-601		Dec. 8, 1972	74.66	Nov. 7, 1975	14.61
Mar. 19, 1940	15.31	Nov. 12, 1973	77.30	Nov. 5, 1976	14.22
Mar. 5, 1969	13.29	Nov. 7, 1974	77.76	Mar. 24, 1978	13.85
Mar. 24, 1970	7.78	Nov. 7, 1975	77.36	Mar. 12, 1979	13.68
Jan. 14, 1971	12.27	Mar. 13, 1986	85.12	Mar. 11, 1980	14.09
Jan. 8, 1972	13.56	Well 30-55-923		Mar. 22, 1982	13.57
Nov. 12, 1973	14.26	Sept. 4, 1940	14.54	Apr. 18, 1983	12.80
Nov. 7, 1974	13.15	Apr. 29, 1966	16.73	Mar. 5, 1984	13.53
Nov. 7, 1975	10.69	Mar. 15, 1967	16.80	Mar. 20, 1985	11.52
Mar. 13, 1986	18.12	Mar. 21, 1968	14.15	Mar. 13, 1986	13.35

Table 18.—Water Levels in Selected Wells—Continued

Date	Water level	Date	Water level	Date	Water level
Comanche County					
Well 31-51-309		Well 31-51-901-Continued		Well 31-52-503	
July 10, 1968	72.30	Mar. 19, 1970	+1.42	Oct. 12, 1965	14.30
Mar. 24, 1969	71.70	Mar. 11, 1971	+0.74	Mar. 23, 1966	15.50
Mar. 19, 1970	67.96	Mar. 6, 1972	+1.30	Mar. 21, 1967	16.42
Mar. 17, 1971	66.85	Feb. 26, 1973	0.13	Mar. 24, 1969	15.80
Mar. 9, 1972	61.57	Mar. 7, 1974	2.89	Mar. 19, 1970	12.30
Feb. 27, 1973	59.16	Apr. 17, 1975	2.70	Mar. 17, 1971	14.48
Mar. 8, 1974	60.12	Mar. 6, 1986	8.28	Mar. 9, 1972	14.33
Apr. 17, 1975	56.10	Well 31-51-907		Feb. 9, 1973	14.52
Mar. 6, 1986	64.90	Jan 25, 1971	46.10	Mar. 8, 1974	15.44
Well 31-51-606		Mar. 29, 1971	46.75	Well 31-52-605	
Mar. 23, 1966	26.30	Mar. 9, 1972	46.59	July 16, 1965	57.57
Mar. 22, 1968	26.98	Feb. 27, 1973	47.51	Apr. 19, 1966	28.81
Mar. 24, 1969	26.00	Mar. 8, 1974	46.16	Mar. 21, 1967	29.87
Mar. 19, 1970	25.60	Apr. 17, 1975	45.56	Mar. 24, 1969	37.63
Mar. 9, 1972	25.97	Mar. 6, 1986	46.55	Mar. 19, 1970	27.83
Feb. 27, 1973	26.17	Well 31-52-112		Mar. 17, 1971	28.10
Mar. 8, 1974	25.05	Jan. 9, 1967	30.00	Mar. 8, 1972	29.70
Apr. 17, 1975	26.58	May 19, 1970	17.15	Feb. 27, 1973	32.05
Mar. 11, 1976	28.02	Mar. 29, 1971	18.78	Mar. 8, 1974	32.85
Mar. 16, 1977	27.52	Mar. 9, 1972	18.09	Apr. 16, 1975	32.00
Mar. 23, 1978	28.14	Feb. 27, 1973	17.94	Mar. 11, 1976	35.21
Apr. 4, 1979	29.23	Mar. 8, 1974	19.53	Mar. 16, 1977	33.99
Mar. 13, 1980	28.98	Apr. 17, 1975	19.20	Mar. 22, 1978	33.70
Apr. 6, 1981	28.24	Mar. 11, 1976	20.30	Mar. 15, 1979	36.00
Apr. 20, 1983	28.04	Well 31-52-410		Mar. 19, 1980	33.07
Mar. 21, 1984	26.90	Dec. 3, 1970	27.90	Apr. 6, 1981	33.46
Mar. 26, 1985	27.39	Mar. 17, 1971	26.10	Mar. 20, 1984	36.61
Mar. 6, 1986	26.82	Apr. 4, 1972	26.10	Mar. 26, 1985	37.36
Well 31-51-901		Apr. 3, 1973	27.62	Mar. 4, 1986	34.98
Aug. 11, 1965	1.05	Mar. 8, 1974	28.78	Well 31-53-414	
Mar. 23, 1966	+0.50	Apr. 17, 1975	28.78	Aug. 27, 1968	40.00
Mar. 21, 1967	+0.95	Mar. 6, 1986	29.17	Feb. 27, 1969	55.26
Mar. 26, 1969	+0.98			Mar. 19, 1970	50.10

Table 18.—Water Levels in Selected Wells—Continued

Date	Water level	Date	Water level	Date	Water level
Comanche County—Continued					
Well 31-53-414—Continued		Well 31-57-606—Continued		Well 31-59-218—Continued	
Mar. 11, 1971	52.97	Apr. 5, 1979	40.75	Mar. 22, 1978	37.54
May 1, 1972	54.85	Apr. 6, 1981	42.34	Mar. 6, 1986	44.29
Apr. 3, 1973	58.21	Apr. 20, 1983	42.83	Well 31-59-302	
Feb. 25, 1974	58.38	Mar. 21, 1984	42.73	Aug. 10, 1965	210.74
Oct. 15, 1974	62.41	Mar. 25, 1985	43.68	Mar. 23, 1966	46.15
Apr. 16, 1975	53.14	Mar. 5, 1986	50.09	Mar. 21, 1967	20.63
Mar. 17, 1986	61.96	Well 31-58-703		Mar. 26, 1969	20.81
Well 31-53-701		July 9, 1965	46.71	Mar. 17, 1970	16.13
Oct. 1, 1959	67.04	Mar. 24, 1966	34.40	Mar. 11, 1971	21.55
July 13, 1965	81.45	Mar. 26, 1969	33.57	Mar. 6, 1972	21.55
Apr. 1, 1966	66.55	Mar. 16, 1970	33.40	Feb. 21, 1973	24.90
Mar. 21, 1967	68.17	Mar. 11, 1971	34.43	Mar. 14, 1974	20.25
Mar. 26, 1969	67.65	Mar. 6, 1972	33.61	Apr. 17, 1975	11.40
Mar. 19, 1970	67.90	Feb. 26, 1973	34.56	Mar. 6, 1986	20.25
Mar. 18, 1971	68.46	Mar. 14, 1974	35.10	Well 31-59-603	
Mar. 8, 1972	68.93	Apr. 17, 1975	33.84	Mar. 29, 1971	35.86
Feb. 27, 1973	70.69	Mar. 5, 1986	37.49	Mar. 6, 1972	32.80
Mar. 8, 1974	68.00	Well 31-59-206		Mar. 7, 1973	34.59
Apr. 16, 1975	67.65	May 24, 1967	50.00	Mar. 14, 1974	32.57
Mar. 4, 1986	71.45	May 7, 1970	32.19	Apr. 17, 1975	30.60
Well 31-57-606		Mar. 29, 1971	32.06	Mar. 11, 1976	32.44
July 5, 1965	40.53	Mar. 6, 1972	31.77	Mar. 16, 1977	29.87
Mar. 24, 1966	44.28	Feb. 21, 1973	37.01	Mar. 22, 1978	39.50
Mar. 15, 1967	41.55	Mar. 7, 1974	38.10	Apr. 4, 1979	36.83
Apr. 9, 1970	38.95	Apr. 17, 1975	38.55	Mar. 19, 1980	37.10
Mar. 11, 1971	42.26	Mar. 6, 1986	49.51	Mar. 24, 1982	32.98
Mar. 6, 1972	38.80	Well 31-59-218		Mar. 21, 1984	35.20
Feb. 26, 1973	38.94	Aug. 25, 1970	50.20	Mar. 26, 1985	40.28
Mar. 7, 1974	38.94	Mar. 29, 1971	25.90	Mar. 6, 1986	41.43
Apr. 17, 1975	38.50	Mar. 6, 1972	25.70	Well 31-59-703	
Mar. 10, 1976	38.24	Feb. 21, 1973	29.38	June 29, 1966	23.62
Mar. 17, 1977	38.60	Mar. 7, 1974	30.14	Mar. 26, 1969	23.89
Mar. 22, 1978	39.85	Apr. 17, 1975	30.72	Mar. 16, 1970	21.53

Table 18.—Water Levels in Selected Wells—Continued

Date	Water level	Date	Water level	Date	Water level
Comanche County—Continued					
Well 31-59-703—Continued		Well 31-60-206		Well 31-60-401—Continued	
Mar. 11, 1971	22.04	Dec. 9, 1959	44.50	Apr. 17, 1975	4.60
Mar. 6, 1972	21.82	July 13, 1965	41.02	Mar. 16, 1976	12.21
Apr. 3, 1973	21.85	Apr. 19, 1966	33.01	Mar. 17, 1977	7.10
Mar. 14, 1974	22.19	Mar. 21, 1967	42.25	Mar. 21, 1978	12.90
Apr. 17, 1975	21.25	Mar. 22, 1968	43.18	Apr. 4, 1979	14.12
Mar. 5, 1986	33.17	Mar. 24, 1969	42.10	Mar. 24, 1982	10.24
Well 31-59-901		Mar. 17, 1970	43.98	Mar. 21, 1984	13.86
Oct. 28, 1959	26.90	Mar. 17, 1971	44.33	Mar. 26, 1985	13.03
Mar. 23, 1966	24.90	Mar. 9, 1972	46.20	Mar. 5, 1986	12.64
Mar. 21, 1967	25.79	Feb. 27, 1973	47.59	Well 31-60-616	
Mar. 26, 1969	25.03	Mar. 14, 1974	48.01	Apr. 12, 1967	30.00
Apr. 10, 1970	24.34	Apr. 17, 1975	48.90	Oct. 2, 1970	40.84
Mar. 11, 1971	24.56	Well 31-60-211		Mar. 29, 1971	40.69
Mar. 6, 1972	26.50	Sept. 27, 1966	58.16	Mar. 9, 1972	41.25
Mar. 7, 1973	26.73	Mar. 7, 1967	58.16	Mar. 6, 1973	41.87
Mar. 14, 1974	26.15	Mar. 22, 1968	59.09	Mar. 14, 1974	42.24
Apr. 17, 1975	25.25	Mar. 26, 1969	58.82	Apr. 17, 1975	40.52
Mar. 5, 1986	27.71	Mar. 19, 1970	59.64	Mar. 5, 1986	43.92
Well 31-60-101		Mar. 17, 1971	61.32	Well 31-60-811	
Apr. 11, 1965	14.05	Mar. 9, 1972	62.83	Oct. 15, 1970	39.17
Apr. 19, 1966	9.37	Feb. 9, 1973	61.50	Nov. 17, 1970	38.13
Mar. 21, 1967	8.85	Mar. 14, 1974	63.75	Mar. 30, 1971	37.42
Mar. 22, 1968	8.69	Apr. 17, 1975	61.87	Mar. 7, 1972	37.79
Mar. 26, 1969	11.46	Mar. 5, 1986	66.49	Nov. 6, 1972	39.95
Mar. 17, 1970	10.88	Well 31-60-401		Feb. 21, 1973	38.77
Mar. 17, 1971	11.26	Mar. 24, 1966	13.24	Mar. 14, 1974	38.57
Mar. 9, 1972	10.13	Mar. 7, 1967	13.86	Apr. 18, 1975	37.34
Feb. 21, 1973	9.12	Mar. 26, 1969	12.83	Mar. 5, 1986	41.30
Mar. 7, 1974	9.79	Mar. 17, 1970	5.29	Well 31-60-901	
Apr. 17, 1975	9.70	Mar. 17, 1971	12.00	Jan. 20, 1960	33.02
Mar. 19, 1980	11.96	Mar. 9, 1972	10.38	Apr. 15, 1966	29.58
Mar. 6, 1986	9.60	Feb. 21, 1973	12.41	Mar. 7, 1967	30.45
		Mar. 14, 1974	9.51	Feb. 6, 1968	30.83

Table 18.—Water Levels in Selected Wells—Continued

Date	Water level	Date	Water level	Date	Water level
Comanche County—Continued					
Well 31-60-901—Continued		Well 31-61-404—Continued		Well 41-02-603—Continued	
Mar. 27, 1969	29.12	Mar. 16, 1977	55.42	Mar. 11, 1971	77.81
Feb. 10, 1970	28.85	Mar. 21, 1978	56.90	Mar. 6, 1972	78.03
Mar. 17, 1971	29.14	Mar. 15, 1979	57.59	Feb. 26, 1973	78.13
Apr. 5, 1972	30.68	Mar. 19, 1980	59.10	Mar. 14, 1974	77.73
Apr. 4, 1973	29.60	Apr. 7, 1981	58.34	Apr. 11, 1975	78.15
Mar. 14, 1974	29.42	Apr. 20, 1983	58.50	Mar. 24, 1982	77.82
Apr. 18, 1975	29.37	Mar. 22, 1984	60.00	Well 41-03-903	
Mar. 5, 1986	30.70	Mar. 26, 1985	60.74	Oct. 8, 1965	50.51
Well 31-61-201		Mar. 4, 1986	60.58	Mar. 24, 1966	51.15
Jan. 20, 1960	36.90	Well 31-61-703		Mar. 6, 1967	51.43
Apr. 1, 1966	37.14	July 20, 1965	60.10	Mar. 26, 1969	50.85
Mar. 7, 1967	37.66	Mar. 7, 1967	54.28	Mar. 16, 1970	51.41
Mar. 22, 1968	37.62	Mar. 22, 1968	56.99	Mar. 11, 1971	49.74
Mar. 27, 1969	37.23	Mar. 17, 1970	54.58	Mar. 6, 1972	51.08
Mar. 17, 1970	37.61	Mar. 18, 1971	55.64	Apr. 3, 1973	51.79
Mar. 18, 1971	38.27	Mar. 8, 1972	59.23	Mar. 15, 1974	52.10
Mar. 8, 1972	38.98	Mar. 6, 1973	60.82	Apr. 18, 1975	51.15
Feb. 27, 1973	40.20	Mar. 14, 1974	57.79	Apr. 7, 1981	53.08
Mar. 14, 1974	40.17	Apr. 16, 1975	55.92	Mar. 5, 1986	53.94
Apr. 16, 1975	40.34	Mar. 4, 1986	58.87	Well 41-04-204	
Mar. 19, 1980	44.45	Well 41-02-111		Mar. 26, 1969	21.62
Mar. 4, 1986	43.24	Dec. 23, 1968	38.00	Mar. 18, 1970	22.23
Well 31-61-404		Mar. 29, 1971	36.33	Feb. 10, 1971	22.87
Apr. 15, 1966	58.29	Mar. 6, 1972	37.00	Mar. 6, 1972	23.37
Mar. 7, 1967	57.07	Feb. 26, 1973	37.63	Feb. 9, 1973	23.99
Mar. 27, 1969	54.81	Mar. 14, 1974	37.82	Mar. 14, 1974	23.62
Mar. 17, 1970	54.74	Apr. 11, 1975	37.45	Apr. 18, 1975	22.82
Mar. 18, 1971	57.14	Mar. 10, 1976	37.37	Mar. 5, 1986	23.16
Mar. 8, 1972	56.80	Well 41-02-603		Well 41-04-502	
Mar. 6, 1973	57.23	Mar. 24, 1966	78.44	July 25, 1965	81.45
Mar. 14, 1974	58.65	Mar. 6, 1967	78.20	Mar. 24, 1966	75.75
Apr. 16, 1975	54.04	Mar. 26, 1969	78.45	Mar. 7, 1967	95.30
Mar. 16, 1976	58.22	Apr. 9, 1970	78.02	Mar. 27, 1969	67.37

Table 18.—Water Levels in Selected Wells—Continued

Date	Water level	Date	Water level	Date	Water level
Comanche County—Continued					
Well 41-04-502—Continued		Well 41-05-204—Continued		Well 41-06-501—Continued	
Apr. 9, 1970	66.60	Mar. 18, 1971	24.66	Mar. 27, 1969	125.58
Mar. 18, 1971	76.22	Mar. 7, 1972	24.52	Mar. 18, 1970	121.74
Mar. 7, 1972	65.98	Feb. 9, 1973	27.00	Mar. 16, 1971	125.79
Feb. 27, 1973	70.06	Feb. 20, 1974	26.90	Mar. 7, 1972	121.98
Mar. 26, 1974	85.32	Apr. 16, 1975	26.21	Mar. 20, 1973	122.02
Apr. 18, 1975	69.13	Mar. 4, 1986	30.15	Mar. 13, 1974	126.71
Apr. 7, 1981	76.86	Well 41-05-503		Apr. 14, 1975	122.15
Well 41-05-105		July 9, 1965	40.00	Mar. 4, 1986	123.98
Mar. 27, 1969	50.96	Apr. 19, 1966	40.78	Well 41-06-701	
Mar. 16, 1970	49.35	Mar. 7, 1967	39.37	Oct. 26, 1959	65.72
Mar. 18, 1971	49.28	Mar. 27, 1969	40.68	June 30, 1965	65.65
Mar. 7, 1972	48.58	Mar. 17, 1970	40.18	Apr. 14, 1966	66.48
Feb. 20, 1973	49.85	Mar. 16, 1971	40.63	Mar. 22, 1967	67.72
Mar. 14, 1974	49.84	Mar. 7, 1972	38.71	Mar. 27, 1969	66.57
Apr. 18, 1975	48.46	Mar. 6, 1973	39.18	Mar. 18, 1970	64.01
Mar. 16, 1976	49.64	Mar. 5, 1974	41.73	Mar. 16, 1971	64.57
Mar. 17, 1977	49.46	Apr. 18, 1975	41.10	Mar. 7, 1972	63.84
Mar. 21, 1978	49.79	Well 41-05-901		Mar. 6, 1973	66.84
Apr. 5, 1979	51.53	Oct. 2, 1959	70.60	Mar. 26, 1974	65.49
Mar. 18, 1980	50.55	June 30, 1965	68.24	Well 41-12-201	
Apr. 7, 1981	51.30	Sept. 27, 1966	69.71	Oct. 20, 1959	62.82
Apr. 19, 1983	49.60	Mar. 22, 1967	70.66	July 5, 1965	62.98
Mar. 22, 1984	50.35	Feb. 6, 1968	66.96	Apr. 15, 1966	62.65
Mar. 26, 1985	50.52	Mar. 17, 1970	65.65	Mar. 15, 1967	63.92
Mar. 4, 1986	50.71	Mar. 16, 1971	68.38	Feb. 5, 1968	63.47
Well 41-05-204		Mar. 7, 1972	66.72	Mar. 27, 1969	62.56
Jan. 19, 1960	21.40	Mar. 6, 1973	66.11	Mar. 16, 1970	62.80
Oct. 8, 1965	23.61	Mar. 5, 1974	64.59	Mar. 12, 1971	62.57
June 27, 1966	23.50	Apr. 14, 1975	61.19	Mar. 7, 1972	62.62
Mar. 6, 1967	24.19	Mar. 4, 1986	61.83	Apr. 4, 1973	63.00
Mar. 21, 1968	23.99	Well 41-06-501		Jan. 11, 1974	62.46
Mar. 27, 1969	24.35	Oct. 26, 1959	122.35	Mar. 3, 1986	65.31
Mar. 16, 1970	23.59	Sept. 9, 1968	122.25		

Table 18.—Water Levels in Selected Wells—Continued

Date	Water level	Date	Water level	Date	Water level
Comanche County—Continued					
Well 41-12-304		Well 41-13-201—Continued		Well 41-14-303—Continued	
July 26, 1965	100.00	Mar. 15, 1976	33.43	Mar. 7, 1972	33.16
Apr. 15, 1966	74.90	Mar. 18, 1977	33.39	Feb. 28, 1973	33.91
Mar. 15, 1967	52.81	Mar. 21, 1978	32.90	Mar. 13, 1974	37.90
Mar. 27, 1969	32.82	Apr. 5, 1979	33.85	Apr. 14, 1975	35.38
Mar. 17, 1970	31.95	Apr. 7, 1981	33.54	Mar. 25, 1982	37.77
Mar. 12, 1971	39.46	Apr. 21, 1983	33.39	Well 41-14-702	
Mar. 8, 1972	32.27	Mar. 19, 1984	33.69	May 16, 1966	250.00
Feb. 28, 1973	33.98	Mar. 25, 1985	34.20	Mar. 18, 1970	227.83
Mar. 15, 1974	37.24	Mar. 3, 1986	33.11	Mar. 18, 1971	228.64
Apr. 14, 1975	31.35	Well 41-14-102		Mar. 7, 1972	213.20
Mar. 3, 1986	43.82	Oct. 16, 1959	71.57	Mar. 20, 1973	229.13
Well 41-12-902		June 29, 1965	79.58	Mar. 15, 1974	228.53
Mar. 18, 1970	30.47	Apr. 14, 1966	93.50	Mar. 25, 1982	231.64
Mar. 12, 1971	32.46	Mar. 7, 1967	98.60	Well 41-15-401	
Mar. 6, 1972	30.85	Mar. 27, 1969	68.40	Jan. 28, 1966	37.00
Mar. 20, 1973	32.24	Mar. 17, 1970	60.10	July 11, 1968	48.71
Mar. 15, 1974	31.54	Mar. 18, 1971	79.82	Mar. 27, 1969	48.57
Apr. 18, 1975	31.82	Mar. 7, 1972	52.50	Mar. 18, 1970	48.95
Mar. 3, 1986	35.71	Feb. 28, 1973	53.50	Mar. 16, 1971	48.21
Well 41-13-201		Mar. 13, 1974	58.93	Mar. 7, 1972	45.77
July 2, 1965	33.79	Apr. 14, 1975	50.30	Feb. 28, 1973	46.00
Apr. 14, 1966	32.89	Mar. 4, 1986	62.35	Mar. 13, 1974	48.82
Mar. 15, 1967	32.43	Well 41-14-303		Apr. 14, 1975	52.40
Apr. 2, 1969	30.87	June 29, 1965	55.65	Mar. 18, 1977	50.90
Mar. 17, 1970	30.51	Apr. 14, 1966	34.13	Mar. 21, 1978	48.90
Mar. 18, 1971	30.75	Mar. 22, 1967	33.85	Apr. 5, 1979	51.72
Mar. 8, 1972	31.56	Mar. 27, 1969	34.20	Mar. 25, 1982	50.65
Feb. 28, 1973	33.39	Mar. 18, 1970	33.59	Apr. 20, 1983	47.10
Mar. 13, 1974	33.74	Mar. 16, 1971	34.38	Mar. 19, 1984	47.77
Apr. 14, 1975	33.14			Mar. 25, 1985	48.30
				Mar. 4, 1986	47.19

Table 18.—Water Levels in Selected Wells—Continued

Date	Water level	Date	Water level	Date	Water level
Eastland County					
Well 30-48-701		Well 30-56-502—Continued		Well 31-36-702—Continued	
Mar. 17, 1937	10.00	Mar. 12, 1969	26.36	Oct. 21, 1965	14.14
July 4, 1966	13.63	Mar. 24, 1970	25.50	Apr. 1, 1966	13.73
Mar. 15, 1967	13.48	Mar. 10, 1971	25.68	Mar. 13, 1969	14.86
Mar. 12, 1969	10.79	Jan. 11, 1972	26.30	Mar. 23, 1970	10.42
Mar. 24, 1970	6.31	Mar. 15, 1972	25.66	Mar. 9, 1971	12.50
Mar. 10, 1971	10.35	Mar. 5, 1973	26.31	Mar. 14, 1972	9.12
Mar. 15, 1972	10.80	Mar. 6, 1974	26.75	Mar. 7, 1973	11.06
Mar. 5, 1973	11.80	Apr. 15, 1975	26.23	Mar. 6, 1974	14.15
Mar. 6, 1974	11.68	Mar. 23, 1982	28.70	Apr. 15, 1975	10.55
Apr. 15, 1975	8.90	Mar. 13, 1986	31.54	Mar. 9, 1977	12.80
Mar. 13, 1986	14.86	Well 30-64-102		Mar. 23, 1978	13.00
Well 30-48-901		Mar. 25, 1970	11.84	Mar. 13, 1979	14.48
Mar. 12, 1969	31.76	Mar. 10, 1971	16.29	Mar. 13, 1980	14.60
Mar. 24, 1970	29.70	Mar. 15, 1972	16.46	Mar. 23, 1982	15.15
Mar. 10, 1971	30.85	Mar. 5, 1973	18.16	Mar. 20, 1984	17.20
Mar. 15, 1972	31.53	Mar. 7, 1974	19.93	Mar. 18, 1985	15.42
Mar. 5, 1973	31.84	Apr. 15, 1975	15.65	Mar. 12, 1986	17.50
Mar. 6, 1974	31.79	Mar. 13, 1986	21.93	Well 31-41-401	
Mar. 13, 1986	31.43	Well 31-35-604		May 5, 1968	17.00
Well 30-56-103		Oct. 12, 1965	18.56	Apr. 10, 1970	8.86
Sept. 29, 1969	26.10	Apr. 1, 1966	19.29	Mar. 10, 1971	12.29
Jan. 8, 1970	26.33	Mar. 14, 1967	19.64	Mar. 15, 1972	14.29
Mar. 10, 1971	24.62	Feb. 5, 1968	20.69	Mar. 5, 1973	15.96
Mar. 15, 1972	25.35	Mar. 13, 1969	18.80	Mar. 6, 1974	15.57
Apr. 3, 1973	25.88	Mar. 23, 1970	16.96	Apr. 15, 1975	14.13
Mar. 6, 1974	25.93	May 13, 1971	17.94	Mar. 18, 1985	21.61
Apr. 15, 1975	25.78	Mar. 14, 1972	17.92	Well 31-41-701	
Mar. 13, 1986	26.92	Apr. 3, 1973	18.72	May 17, 1937	7.30
Well 30-56-502		Mar. 6, 1974	17.63	Mar. 14, 1967	6.84
Jan. 19, 1961	22.00	Apr. 15, 1975	15.90	Mar. 5, 1969	5.24
Nov. 29, 1966	28.86	Mar. 20, 1984	20.89	Mar. 24, 1970	3.57
Mar. 15, 1967	28.66	Well 31-36-702		Mar. 10, 1971	6.98
Feb. 5, 1968	28.43	Sept. 9, 1965	66.00	Mar. 15, 1972	5.73

Table 18.—Water Levels in Selected Wells—Continued

Date	Water level	Date	Water level	Date	Water level
Eastland County—Continued					
Well 31-41-701—Continued		Well 31-43-702		Well 31-44-606—Continued	
Mar. 5, 1973	5.38	Mar. 5, 1973	17.62	Mar. 6, 1974	39.00
Mar. 6, 1974	6.34	Mar. 6, 1974	18.76	Apr. 16, 1975	39.25
Apr. 15, 1975	5.06	Apr. 15, 1975	18.42	Mar. 9, 1976	39.49
Mar. 12, 1986	7.29	Mar. 12, 1986	26.02	Mar. 9, 1977	39.80
Well 31-42-505		Well 31-43-803		Mar. 23, 1978	40.00
July 28, 1965	48.50	July 22, 1965	3.56	Mar. 13, 1979	41.00
Apr. 6, 1966	22.18	Apr. 6, 1966	6.14	Mar. 13, 1980	36.13
Mar. 14, 1967	20.50	Mar. 14, 1967	6.25	Apr. 19, 1983	42.69
Mar. 21, 1968	20.37	Mar. 12, 1969	6.23	Mar. 20, 1984	43.35
Mar. 12, 1969	19.39	Mar. 23, 1970	2.20	Mar. 18, 1985	43.29
Mar. 23, 1970	17.29	Mar. 9, 1971	7.49	Mar. 12, 1986	46.64
Mar. 10, 1971	18.32	Mar. 14, 1972	7.00	Well 31-44-804	
Mar. 14, 1972	18.94	Mar. 5, 1973	6.84	Oct. 12, 1965	48.52
Mar. 5, 1973	19.85	Mar. 6, 1974	7.40	Apr. 1, 1966	47.27
Apr. 6, 1974	20.66	Apr. 15, 1975	3.64	Mar. 14, 1967	49.33
Apr. 15, 1975	20.25	Mar. 12, 1986	11.59	Mar. 13, 1969	48.76
Mar. 9, 1977	20.15	Well 31-44-401		Mar. 23, 1970	45.45
Mar. 23, 1978	20.22	June 17, 1937	23.40	Mar. 9, 1971	48.34
Mar. 12, 1979	22.07	Apr. 1, 1966	21.96	Mar. 14, 1972	47.13
Mar. 12, 1980	21.16	Mar. 14, 1967	21.90	Mar. 7, 1973	50.18
Mar. 23, 1982	22.38	Mar. 13, 1969	22.03	Apr. 16, 1975	49.10
Mar. 20, 1984	22.55	May 5, 1970	19.90	Mar. 12, 1986	51.22
Mar. 18, 1985	23.95	Mar. 9, 1971	22.18	Well 31-51-205	
Mar. 12, 1986	23.12	Mar. 14, 1972	21.28	Nov. 17, 1959	66.00
Well 31-43-702		Mar. 7, 1973	21.56	Dec. 3, 1970	65.80
July 24, 1965	32.30	Mar. 6, 1974	21.77	Mar. 9, 1971	64.80
Sept. 27, 1966	16.63	Apr. 16, 1975	21.03	Mar. 9, 1972	64.25
Feb. 9, 1967	16.67	Mar. 12, 1986	25.48	Apr. 3, 1973	64.73
Jan. 3, 1968	16.78	Well 31-44-606		Mar. 6, 1974	64.60
Mar. 12, 1969	15.13	Sept. 10, 1970	44.00	Apr. 15, 1975	65.56
Mar. 23, 1970	14.00	Mar. 30, 1971	38.92	Mar. 9, 1976	65.80
Mar. 10, 1971	16.01	Mar. 14, 1972	39.10	Mar. 9, 1977	66.40
Mar. 14, 1972	15.70	Mar. 7, 1973	39.39	Mar. 23, 1978	68.40

Table 18.—Water Levels in Selected Wells—Continued

Date	Water level	Date	Water level	Date	Water level
Erath County					
Well 31-39-502		Well 31-46-101—Continued		Well 31-52-303—Continued	
Oct. 28, 1965	62.21	Feb. 20, 1974	33.44	Apr. 19, 1983	30.64
Mar. 25, 1966	62.44	Apr. 15, 1975	33.43	Mar. 27, 1984	32.10
Mar. 9, 1967	60.00	Mar. 8, 1986	35.89	Mar. 19, 1985	32.92
Mar. 28, 1968	63.52	Well 31-47-501		Mar. 6, 1986	33.29
Mar. 27, 1969	62.73	Apr. 15, 1970	253.20	Well 31-52-616	
Mar. 17, 1970	67.30	Mar. 9, 1971	246.28	Dec. 22, 1966	39.00
Mar. 4, 1971	61.89	Mar. 21, 1972	248.13	May 21, 1970	38.58
Mar. 21, 1972	55.28	Mar. 15, 1973	249.60	Apr. 5, 1971	41.50
Mar. 16, 1973	61.54	Feb. 20, 1974	248.16	Mar. 22, 1972	43.06
Feb. 20, 1974	60.58	Well 31-48-901		Apr. 3, 1973	43.06
Apr. 15, 1975	60.59	Oct. 22, 1962	58.00	Mar. 5, 1974	42.62
Mar. 17, 1976	68.75	Apr. 15, 1970	197.50	Apr. 14, 1975	42.76
Mar. 11, 1977	62.26	Mar. 5, 1971	214.80	Mar. 31, 1981	47.48
Mar. 15, 1978	59.06	July 13, 1971	233.00	Well 31-53-203	
Mar. 14, 1979	60.86	Mar. 22, 1972	226.65	Sept. 28, 1965	91.00
Mar. 17, 1980	61.38	Mar. 15, 1973	218.83	Mar. 24, 1966	92.01
Mar. 30, 1981	61.45	Mar. 21, 1974	238.92	Mar. 8, 1967	89.03
Apr. 19, 1983	58.72	Apr. 16, 1975	231.84	Mar. 27, 1968	88.33
Mar. 28, 1984	60.90	Well 31-52-303		Mar. 26, 1968	88.57
Mar. 19, 1985	60.01	Sept. 14, 1965	32.45	Mar. 16, 1970	88.90
Well 31-40-101		Mar. 24, 1966	29.63	Mar. 8, 1971	87.29
Mar. 27, 1970	76.24	Mar. 8, 1967	30.03	Mar. 9, 1973	88.27
Mar. 4, 1971	76.59	Mar. 27, 1968	30.30	Mar. 5, 1974	87.61
Mar. 21, 1972	78.37	Mar. 26, 1969	29.24	Apr. 15, 1975	87.47
Mar. 16, 1973	79.43	Mar. 18, 1970	32.10	Mar. 18, 1980	89.48
Feb. 20, 1974	78.67	Mar. 8, 1971	28.35	Mar. 6, 1986	91.53
Apr. 15, 1975	75.30	Mar. 20, 1972	28.56	Well 31-53-303	
Mar. 8, 1986	78.22	Mar. 9, 1973	28.86	Apr. 15, 1970	312.50
Well 31-46-101		Sept. 12, 1973	31.52	Mar. 9, 1971	316.07
Mar. 18, 1970	34.92	Mar. 5, 1974	27.67	Mar. 16, 1973	314.57
Mar. 4, 1971	34.54	Mar. 17, 1976	28.66	Apr. 15, 1974	315.16
Mar. 21, 1972	33.37	Mar. 15, 1978	29.65	Well 31-53-403	
Mar. 16, 1973	35.00	Mar. 13, 1979	30.54	Sept. 15, 1965	71.00

Table 18.—Water Levels in Selected Wells—Continued

Date	Water level	Date	Water level	Date	Water level
Erath County—Continued					
Well 31-53-403—Continued		Well 31-54-801—Continued		Well 31-55-114—Continued	
Nov. 10, 1970	68.09	Mar. 27, 1969	222.50	Oct. 29, 1965	241.85
Mar. 8, 1971	67.34	Mar. 18, 1970	227.40	Mar. 25, 1966	241.94
Mar. 20, 1972	68.73	Mar. 5, 1971	214.37	Apr. 25, 1967	239.65
Apr. 3, 1973	69.90	Mar. 16, 1973	217.80	Feb. 9, 1968	239.37
Mar. 5, 1974	71.35	Mar. 5, 1974	213.93	Mar. 27, 1969	239.40
Mar. 15, 1978	72.16	Apr. 14, 1975	209.69	Mar. 17, 1970	238.80
Well 31-53-601		Well 31-55-107		Mar. 9, 1971	238.44
Nov. 19, 1959	263.00	Mar. 31, 1966	219.70	Mar. 21, 1972	240.78
Mar. 6, 1967	267.40	Mar. 9, 1967	232.52	Mar. 15, 1973	239.58
Mar. 26, 1969	270.42	Feb. 9, 1968	227.79	Feb. 20, 1974	241.76
Mar. 18, 1970	273.30	Mar. 27, 1969	246.80	Apr. 15, 1975	240.89
Mar. 21, 1972	266.99	Mar. 17, 1970	244.50	Mar. 18, 1980	240.83
Mar. 9, 1973	273.56	Feb. 8, 1971	227.08	Mar. 7, 1986	242.66
Mar. 21, 1974	270.10	Feb. 2, 1972	223.79	Well 31-55-301	
Mar. 7, 1986	271.31	Feb. 16, 1973	226.17	Dec. 16, 1959	240.00
Well 31-53-805		Jan. 9, 1974	228.90	Mar. 31, 1966	353.59
Aug. 31, 1966	67.33	Apr. 15, 1975	234.68	Mar. 9, 1967	353.87
Apr. 25, 1967	64.72	Mar. 17, 1976	221.50	Mar. 28, 1968	353.47
Feb. 9, 1968	64.51	Mar. 11, 1977	231.50	Mar. 17, 1970	340.53
Mar. 26, 1969	65.40	Mar. 15, 1978	218.48	Mar. 4, 1971	357.29
May 4, 1970	62.50	Mar. 14, 1979	220.45	Mar. 21, 1972	364.89
Mar. 8, 1971	62.69	Mar. 18, 1980	219.83	Mar. 15, 1973	371.60
May 1, 1972	67.50	Mar. 30, 1981	221.54	Mar. 13, 1974	354.83
Mar. 6, 1973	64.44	Mar. 28, 1984	220.46	Apr. 15, 1975	353.76
Mar. 5, 1974	66.91	May 31, 1984	231.02	Mar. 15, 1977	363.92
Apr. 14, 1975	63.13	July 18, 1984	245.98	Mar. 15, 1978	355.60
Mar. 18, 1980	63.86	Aug. 15, 1984	253.59	Mar. 14, 1979	366.60
Mar. 7, 1986	67.22	Sept. 10, 1984	249.76	Mar. 19, 1980	375.10
Well 31-54-801		Oct. 18, 1984	227.50	Mar. 19, 1982	382.32
Oct. 7, 1965	225.60	Mar. 19, 1985	220.98	Apr. 19, 1983	356.21
Mar. 25, 1966	223.94	Mar. 7, 1986	222.90	Mar. 28, 1984	361.50
Mar. 8, 1967	221.15	Well 31-55-114		Mar. 19, 1985	366.46
Mar. 28, 1968	221.34	Sept. 25, 1963	241.34	Mar. 7, 1986	367.85

Table 18.—Water Levels in Selected Wells—Continued

Date	Water level	Date	Water level	Date	Water level
Erath County—Continued					
Well 31-55-803		Well 31-62-104—Continued		Well 31-64-101—Continued	
July 3, 1963	235.00	Mar. 14, 1973	323.78	Mar. 15, 1973	251.55
Oct. 14, 1965	246.10	Mar. 13, 1974	331.02	Mar. 21, 1974	253.45
Feb. 23, 1966	221.80	Mar. 31, 1981	349.80	Apr. 16, 1975	252.02
Mar. 10, 1967	220.42	Well 31-62-803		Mar. 16, 1978	257.56
Mar. 26, 1969	221.05	Oct. 8, 1965	175.00	Well 31-64-402	
Mar. 17, 1970	222.83	Apr. 20, 1970	169.90	Mar. 30, 1971	215.68
Mar. 5, 1971	225.18	Mar. 8, 1971	170.13	Mar. 22, 1972	215.94
Mar. 21, 1972	223.24	Mar. 20, 1972	170.13	Mar. 15, 1973	218.62
Jan. 3, 1973	232.72	Mar. 20, 1973	170.30	Mar. 21, 1974	224.78
Apr. 2, 1973	228.80	Mar. 13, 1974	174.52	Apr. 16, 1975	218.05
Jan. 9, 1974	226.95	Apr. 14, 1975	171.09	Mar. 14, 1977	219.66
Apr. 16, 1975	225.64	Mar. 7, 1986	174.00	Mar. 16, 1978	221.98
Mar. 7, 1986	249.60	Well 31-63-901		Mar. 14, 1979	224.65
Well 31-61-301		Feb. 15, 1966	230.00	Mar. 19, 1980	223.18
Dec. 1, 1959	97.04	Apr. 16, 1970	228.10	Mar. 31, 1981	225.65
Aug. 25, 1965	99.41	Mar. 5, 1971	228.32	Apr. 19, 1983	224.23
Mar. 24, 1966	103.79	Mar. 22, 1972	231.00	Mar. 27, 1984	226.06
Mar. 27, 1968	97.00	Mar. 9, 1973	236.10	Mar. 21, 1985	230.95
Mar. 26, 1969	98.30	Mar. 21, 1974	233.53	Mar. 7, 1986	232.54
Mar. 8, 1970	99.10	Apr. 16, 1975	233.38	Well 31-64-602	
Mar. 9, 1971	97.84	Mar. 14, 1977	234.25	Apr. 20, 1967	200.00
Mar. 20, 1972	98.08	Mar. 16, 1978	236.82	June 26, 1970	241.60
Mar. 9, 1973	98.96	Mar. 14, 1979	238.00	Mar. 30, 1971	260.54
Apr. 14, 1975	97.64	Mar. 19, 1980	239.83	Mar. 22, 1972	252.50
Mar. 18, 1980	97.94	Mar. 19, 1982	249.15	Mar. 15, 1973	241.73
Mar. 7, 1986	97.88	Mar. 27, 1984	239.75	Mar. 26, 1974	248.45
Well 31-62-104		Mar. 21, 1985	240.44	Apr. 16, 1975	237.07
Mar. 24, 1966	198.01	Mar. 7, 1986	242.69	Mar. 14, 1979	254.00
Mar. 8, 1967	330.00	Well 31-64-101		Mar. 19, 1982	276.70
Apr. 2, 1969	331.20	Aug. 12, 1968	247.00	Well 32-49-501	
Mar. 18, 1970	349.50	June 26, 1970	253.98	Nov. 15, 1963	45.00
Apr. 5, 1971	329.40	Mar. 30, 1971	266.74	Oct. 15, 1965	266.02
Apr. 4, 1972	326.40	Mar. 22, 1972	256.34	Apr. 4, 1966	261.65

Table 18.—Water Levels in Selected Wells

Date	Water level	Date	Water level	Date	Water level
Erath County—Continued					
Well 32-49-501—Continued		Well 32-49-501—Continued		Well 41-08-202—Continued	
Mar. 13, 1967	261.70	Mar. 31, 1981	283.53	Mar. 21, 1974	121.30
Mar. 27, 1968	262.02	Apr. 19, 1983	287.22	Apr. 16, 1975	127.75
Mar. 26, 1969	262.19	Mar. 28, 1984	285.67	Mar. 18, 1976	124.40
Mar. 17, 1970	276.60	Mar. 19, 1985	288.32	Mar. 14, 1977	128.21
Mar. 5, 1971	267.88	Mar. 7, 1986	290.54	Mar. 16, 1978	131.38
Mar. 15, 1973	270.65	Well 41-08-202		Mar. 14, 1979	139.13
Mar. 21, 1974	271.42	Oct. 25, 1965	114.25	Mar. 19, 1980	145.96
Mar. 14, 1977	273.86	Mar. 24, 1966	112.35	Apr. 1, 1981	135.86
Mar. 16, 1978	277.75	Mar. 10, 1967	113.73	Apr. 19, 1983	140.68
Mar. 14, 1979	280.92	Mar. 26, 1969	113.86	Mar. 28, 1984	137.12
Mar. 19, 1980	282.46	Mar. 18, 1970	116.20	Mar. 21, 1985	138.99
		Mar. 16, 1973	123.40	Mar. 7, 1986	138.42

Table 18.—Water Levels in Selected Wells—Continued

Date	Water level	Date	Water level	Date	Water level
Hamilton County					
Well 40-01-701		Well 41-08-301		Well 41-15-501—Continued	
Apr. 6, 1966	317.57	Apr. 6, 1966	201.01	Apr. 18, 1975	21.89
Mar. 9, 1967	320.50	Mar. 9, 1967	202.30	Apr. 16, 1986	28.79
Apr. 1, 1969	321.80	Mar. 12, 1968	202.58	Well 41-16-301	
Mar. 13, 1970	324.40	Apr. 2, 1969	203.10	Aug. 18, 1969	353.00
Mar. 15, 1971	334.10	Mar. 15, 1971	209.20	Apr. 16, 1970	349.80
Mar. 13, 1973	336.45	Mar. 13, 1973	220.53	Mar. 15, 1971	354.90
Mar. 5, 1974	338.06	Mar. 5, 1974	229.40	Mar. 13, 1973	357.80
Apr. 23, 1975	342.60	Apr. 28, 1983	252.25	Mar. 5, 1974	359.46
Mar. 16, 1976	346.45	Well 41-14-801		Well 41-16-801	
Mar. 16, 1978	349.33	Mar. 27, 1965	228.00	Jan. 26, 1960	80.90
Mar. 7, 1979	353.79	Apr. 13, 1966	244.30	Apr. 1, 1966	70.65
Apr. 1, 1981	356.97	Mar. 22, 1967	246.60	Mar. 17, 1967	75.78
Mar. 25, 1982	358.72	Mar. 12, 1968	246.00	Mar. 24, 1969	62.15
Mar. 26, 1984	360.65	Apr. 1, 1969	246.90	Apr. 3, 1970	49.05
Mar. 21, 1985	366.98	Apr. 3, 1970	245.60	Mar. 15, 1971	41.20
Apr. 18, 1986	368.17	Mar. 16, 1971	234.50	Mar. 17, 1972	115.39
Well 41-08-201		Mar. 16, 1972	240.26	Mar. 8, 1973	121.50
Dec. 9, 1963	235.00	Mar. 8, 1973	255.15	Mar. 5, 1974	129.90
Apr. 6, 1966	229.40	Mar. 5, 1974	248.90	Apr. 23, 1975	109.08
May 19, 1967	233.20	Apr. 18, 1975	245.37	Mar. 17, 1978	89.63
Apr. 1, 1969	228.50	Mar. 25, 1982	247.34	Mar. 22, 1984	109.90
Mar. 13, 1970	229.70	Well 41-15-501		Well 41-21-501	
Mar. 15, 1971	235.10	Jan. 26, 1960	18.65	Mar. 20, 1969	186.00
Mar. 20, 1972	231.60	Apr. 12, 1966	24.02	Apr. 3, 1970	223.12
Mar. 8, 1973	208.50	Mar. 22, 1967	23.22	Mar. 16, 1971	241.60
Mar. 5, 1974	211.90	Apr. 1, 1969	20.75	Feb. 28, 1973	255.50
Apr. 23, 1975	212.29	Apr. 3, 1970	19.78	Mar. 23, 1984	223.74
Mar. 16, 1978	243.40	Mar. 16, 1971	22.48	Well 41-22-502	
Mar. 25, 1982	207.15	Mar. 16, 1972	23.30	July 15, 1963	160.00
Oct. 23, 1964	160.00	Mar. 8, 1973	23.50	Apr. 13, 1966	163.11
Jan. 5, 1965	198.25	Mar. 5, 1974	25.10	Feb. 9, 1967	162.90

Table 18.—Water Levels in Selected Wells

Date	Water level	Date	Water level	Date	Water level
Hamilton County—Continued					
Well 41-22-502—Continued		Well 41-23-901—Continued		Well 41-24-401—Continued	
Mar. 12, 1968	161.17	Mar. 8, 1973	249.80	Feb. 28, 1973	299.10
Mar. 27, 1970	136.25	Mar. 6, 1974	251.96	Mar. 5, 1974	307.28
Apr. 7, 1971	160.50	Apr. 22, 1975	249.49	Apr. 23, 1975	316.22
Feb. 4, 1972	160.50	Mar. 21, 1980	257.20	Mar. 17, 1976	300.10
Apr. 4, 1973	168.21	Mar. 16, 1986	260.59		
Mar. 6, 1974	167.85	Well 41-24-301		Well 41-24-406	
Apr. 18, 1975	161.27	Apr. 5, 1967	100.00	Sept. 4, 1964	300.00
Mar. 25, 1982	172.12	Apr. 2, 1970	116.34	June 2, 1965	313.17
Well 41-23-401		Mar. 15, 1971	119.37	Apr. 7, 1966	310.25
Aug. 5, 1961	341.00	Mar. 17, 1972	117.98	Mar. 17, 1967	301.75
Dec. 13, 1968	304.85	Mar. 5, 1974	120.68	Mar. 24, 1969	305.65
Apr. 16, 1970	320.39	Apr. 23, 1975	133.78	Mar. 27, 1970	300.45
Mar. 16, 1971	337.45	Mar. 16, 1976	139.68	Mar. 16, 1971	308.70
Mar. 16, 1972	306.25	May 18, 1977	135.97	Mar. 16, 1972	307.62
Feb. 28, 1973	340.50	Mar. 17, 1978	139.88	Feb. 28, 1973	313.50
Mar. 6, 1974	343.60	Mar. 5, 1979	148.50	Mar. 5, 1974	316.96
Apr. 18, 1975	307.90	Mar. 20, 1980	150.64		
Mar. 15, 1976	316.65	Mar. 25, 1982	151.56	Well 41-24-801	
May 18, 1977	310.13	Apr. 29, 1983	161.42	May 26, 1966	299.00
Mar. 17, 1978	317.25	Mar. 26, 1984	152.75	Mar. 27, 1970	332.78
Mar. 6, 1979	319.25	Mar. 21, 1985	153.84	Mar. 15, 1971	340.10
Mar. 21, 1980	316.96	Apr. 16, 1986	153.42	Mar. 7, 1973	345.10
Apr. 1, 1981	319.25	Well 41-24-401		Mar. 5, 1974	348.60
Apr. 29, 1983	317.08	Mar. 31, 1961	432.00	Apr. 23, 1975	336.76
Mar. 23, 1984	321.75	May 17, 1965	321.14	Mar. 17, 1976	332.94
Mar. 21, 1985	314.67	Apr. 7, 1966	291.06	May 18, 1977	338.66
Apr. 17, 1986	318.04	Mar. 17, 1967	289.19	Mar. 6, 1979	337.39
Well 41-23-901		Mar. 12, 1968	285.92	Mar. 21, 1980	337.86
May 22, 1967	285.00	Mar. 24, 1969	287.10	Apr. 1, 1981	332.66
Apr. 3, 1970	246.70	Mar. 16, 1970	286.44	Mar. 26, 1984	332.75
Apr. 16, 1971	269.60	Mar. 16, 1971	297.80	May 13, 1985	334.41
Mar. 16, 1972	248.59	Mar. 16, 1972	293.24	Apr. 16, 1986	334.66

Table 19.--Chemical Analyses of Water from Wells and Springs

Analyses given in milligrams per liter, except percent sodium, sodium-adsorption ratio, residual sodium carbonate, specific conductance, and pH. Most analyses were performed by the Texas State Department of Health. Where no potassium (K) is reported, sodium and potassium are calculated and reported as sodium (Na). Bicarbonate (HCO₃) includes any carbonate (CO₃) present. Water-bearing unit: Kca, Antlers Formation; Kcgr, Glen Rose Formation; Kche, Hensell Member of the Travis Peak Formation; Kcho, Hosston Member of the Travis Peak Formation; Kctp, Travis Peak Formation; Pn, Paleozoic rocks.

BROWN COUNTY

Well	Water-bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
30-64-601	Kca	40	Apr. 23, 1962	16	--	150	8	43	--	318	40	90	0.3	85	--	588	406	976	7.0	18.67	0.9	0
602	Kca	43	do	17	--	318	17	20	--	262	43	130	--	576	--	1,249	864	1,900	6.8	4.79	.2	0
602	Kca	43	Mar. 14, 1969	20	--	750	72	75	--	195	128	292	.4	2,058	--	3,491	2,160	4,090	7.2	6.99	.7	0
624	Kca	80	May 18, 1972	21	--	114	61	24	--	445	19	142	.9	.4	--	601	540	1,037	7.6	8.88	.4	0
919	Kca	50	May 1, 1962	16	--	180	99	131	--	464	65	488	.8	2.5	--	1,210	856	2,220	7.0	24.96	1.9	0
31-57-432	Kca	86	Sept. 3, 1970	12	--	102	25	37	--	323	24	104	.3	1.3	0.2	464	359	810	7.5	18.38	.8	0
449	Kca	101	July 18, 1972	15	--	122	33	83	--	400	52	150	.5	18	--	670	439	1,064	7.3	29.08	1.7	0
520	Kca	155	May 31, 1963	14	--	155	66	96	3	425	63	296	.3	18	.4	917	660	1,690	7.2	24.08	1.6	0
520	Kca	155	July 14, 1971	14	--	153	59	74	--	420	49	258	.4	20	--	833	630	1,440	7.3	20.49	1.2	0
520	Kca	155	July 19, 1972	14	--	143	59	79	--	372	58	266	.3	21	--	823	600	1,400	7.6	22.27	1.4	0
550	Kca	90	July 10, 1972	15	--	77	11	57	--	350	21	30	1.1	16	--	400	238	648	7.4	34.31	1.6	1.0
620	Kca	97	May 18, 1972	15	--	93	21	35	--	328	20	59	.9	19	--	424	321	712	7.4	19.29	.8	0
726	Kca	89	July 10, 1972	21	--	356	63	253	--	560	237	700	.3	13	--	1,918	1,150	2,830	7.4	32.41	3.2	0
728	Kca	72	do	38	--	84	11	4	--	289	12	9	.5	.4	--	301	254	440	7.4	3.30	.1	0
841	Kca	134	July 17, 1972	10	--	96	23	52	--	371	27	79	.3	1.5	--	471	334	790	7.6	25.29	1.2	0
847	Kca	90	Nov. 15, 1971	22	--	102	10	5	--	345	10	6	.3	.4	--	325	298	526	7.4	3.54	.1	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

BROWN COUNTY--Continued

Well	Water-bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-57-847	Kca	90	Nov. 16, 1971	21	--	92	11	6	--	322	8	9	0.2	3.0	--	308	274	506	7.4	4.53	0.1	0
847	lca	90	Nov. 18, 1971	20	--	95	11	6	--	322	8	9	.3	4.0	--	311	280	506	7.4	4.41	.1	0
856	Kca	66	July 17, 1972	17	--	137	36	123	--	445	87	212	.6	4.5	--	835	493	1,350	7.2	35.32	2.4	0
866	Kca	158	July 13, 1972	2	--	32	22	43	--	172	4	87	.8	.4	--	275	170	520	8.3	35.44	1.4	0
922	Kca	142	July 14, 1971	13	--	77	36	31	--	376	14	54	.4	1.5	--	411	340	705	7.4	16.54	.7	0
41-01-234	Kctp	118	July 15, 1971	14	--	111	39	26	--	387	24	98	.3	6	--	508	439	868	7.5	11.45	.5	0
234	Kctp	118	July 19, 1972	14	--	114	35	25	--	389	23	93	.3	7	--	502	429	840	7.5	11.26	.5	0
402	Kca	33	Apr. 19, 1963	42	--	200	51	260	--	530	211	409	1.0	9	--	1,483	710	2,390	7.3	44.38	4.2	0
830	Kctp	104	July 12, 1972	38	--	93	20	68	--	332	28	119	1.2	.4	--	530	315	848	7.5	32.00	1.6	0
02-108	Kctp	165	Apr. 6, 1963	16	--	76	52	330	--	398	54	57	.6	9.0	--	498	401	862	7.6	69.62	7.1	--
09-303	Kctp	102	Mar. 19, 1963	14	--	77	57	41	--	409	111	46	.7	.4	--	548	427	930	7.9	17.29	.8	0
10-424	Kctp	110	July 6, 1965	13	--	100	57	43	5	418	118	81	.7	7.0	--	625	484	1,035	7.3	16.19	.8	0
424	Kctp	110	July 19, 1972	14	--	104	59	46	--	432	117	90	.6	4.5	--	647	500	1,020	7.4	16.61	.8	0
602	Kctp	250	July 20, 1963	14	--	58	82	41	--	397	130	71	.5	2.0	--	593	484	1,030	7.6	15.61	.8	0
603	Kche	180	Feb. 20, 1963	14	--	98	73	59	--	398	147	119	.4	17	--	723	544	1,250	7.5	19.06	1.0	0
639	Kctp	207	July 15, 1971	13	--	102	69	55	--	390	150	121	.6	11	--	713	540	1,126	7.4	18.18	1.0	0
639	Kctp	207	July 19, 1972	14	--	108	67	55	--	395	150	119	.5	14	--	721	540	1,090	7.6	17.99	1.0	0
725	Kctp	139	Jan. 16, 1963	14	--	70	45	286	--	301	158	405	1.5	2.0	--	1,128	363	2,000	7.7	63.36	6.5	0
903	Kctp	124	Jan. 18, 1963	12	--	68	58	202	--	447	257	157	1.0	2.9	--	977	410	1,600	7.6	51.84	4.3	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

BROWN COUNTY--Continued

Well	Water-bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
41-11-721	Kche	120	Feb. 2, 1963	18	..	95	43	58	..	346	98	106	0.7	3.0	..	591	414	1,033	7.6	23.36	1.2	0
18-303	Kctp	120	Dec. 4, 1962	17	..	58	57	51	..	434	52	44	1.0	7	..	500	379	872	7.7	22.63	1.1	0
620	Kctp	144	Nov. 29, 1962	11	..	28	23	345	..	580	133	190	1.8	2.9	..	1,019	166	1,750	7.2	82.02	11.7	6.2
650	Kctp	134	July 20, 1971	14	..	114	90	82	..	399	76	285	.7	15	..	872	650	1,490	7.6	21.41	1.3	0
650	Kctp	134	June 19, 1972	16	..	97	74	70	..	399	56	209	.8	13	..	731	550	1,250	7.3	21.79	1.3	0
930	Kche, Pn	143	Oct. 19, 1962	14	..	62	57	11	..	455	11	15	.1	6.0	..	399	338	680	7.6	5.79	.2	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

CALLAHAN COUNTY

Well	Water-bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
30-45-901	Kca	25	Sept. 10, 1970	--	--	178	86	374	--	820	4	730	1.1	0.4	--	1,776	800	3,140	7.1	50.48	5.7	0
902	Kca	23	Sept. 5, 1940	--	--	110	45	63	--	318	82	170	1.4	20.0	--	647	455	--	--	22.97	1.2	0
902	Kca	23	Sept. 22, 1970	34	--	124	43	137	2	540	86	194	1.3	.4	0.2	887	486	1,440	7.3	37.87	2.7	0
46-701	Kca	53	Sept. 10, 1970	18	--	31	4	8	1	88	8	21	.1	.4	.1	134	92	224	6.8	15.47	.3	0
702	Kca	91	Sept. 5, 1940	--	--	68	9	28	--	140	25	88	.1	20.0	--	360	206	--	--	22.76	.8	0
703	Kca	76	Oct. 14, 1970	16	--	86	8	23	1	218	19	37	.3	62.0	.2	359	249	579	7.2	16.74	.6	0
706	Kca	20	Oct. 10, 1970	36	--	139	17	34	4	395	48	89	.6	1.5	.2	563	415	899	7.5	14.91	.7	0
801	Kca	17	Sept. 5, 1940	--	--	515	205	403	--	445	404	970	.6	1.0	--	2,717	2,127	--	--	29.17	3.8	0
902	Kca	Spring	Mar. 21, 1940	--	--	95	12	16	--	329	32	15	.1	20.0	--	351	288	--	--	10.83	.4	0
902	Kca	Spring	Sept. 23, 1970	27	--	150	17	14	1	492	18	39	.3	.4	.2	508	445	807	7.6	6.39	.2	0
903	Kca	266	Jan. 13, 1971	13	--	125	31	26	1	318	188	30	.5	.4	.1	571	440	840	7.6	11.37	.5	0
47-601	Kca	25	Mar. 19, 1940	--	--	206	65	257	--	445	135	590	--	20.0	--	1,491	785	--	--	41.70	3.9	0
601	Kca	25	Mar. 5, 1969	40	--	104	31	198	--	455	99	214	.9	70.0	--	980	388	1,550	7.4	52.67	4.3	0
603	Kca	41	Sept. 17, 1970	26	--	140	26	97	5	510	73	111	1.2	27.0	.1	757	457	1,176	7.4	31.32	1.9	0
604	Kca	23	do	38	--	146	24	123	8	520	71	168	1.2	1.5	.2	836	464	1,320	7.4	36.11	2.4	0
605	Kca	19	Oct. 6, 1970	30	--	93	12	20	2	329	23	16	.5	8.0	.2	366	282	580	7.4	13.28	.5	0
606	Kca	45	do	29	--	177	31	219	2	500	133	356	.8	15.0	.2	1,208	570	1,950	7.3	45.45	3.9	0
701	Kca	45	Sept. 21, 1970	11	--	199	31	46	2	353	69	130	.5	242	.2	904	630	1,340	7.4	13.77	.8	0
702	Kca	Spring	do	17	--	107	62	166	5	520	129	232	1.6	3.5	.5	979	520	1,590	7.7	40.59	3.1	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

CALLAHAN COUNTY--Continued

Well	Water-bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
30-47-703	Kca	118	Sept. 21, 1970	10	..	122	19	30	2	421	27	37	0.4	23.0	0.1	477	382	771	7.5	14.49	0.6	0
704	Kca	134	Oct. 1, 1970	12	..	84	30	12	1	377	17	23	.7	.4	.2	365	334	618	7.4	7.24	.2	0
801	Kca	18	do	26	..	70	10	25	2	257	26	26	.6	1.5	.2	313	218	500	7.7	19.94	.7	0
901	Kca	50	Sept. 24, 1970	19	..	82	14	48	5	389	22	15	.9	17.0	.1	414	264	660	7.4	27.99	1.2	1.1
905	Kca	21	Oct. 1, 1970	38	..	103	26	32	2	406	23	56	.6	5.5	.2	485	366	775	7.7	15.96	.7	0
906	Kca	16	Mar. 19, 1940	..	..	74	19	24	..	317	18	18	..	20.0	..	328	262	..	..	16.57	.6	0
906	Kca	16	Oct. 1, 1970	27	..	107	28	28	2	431	25	44	.6	.4	.2	474	384	769	7.5	13.66	.6	0
908	Kca	35	Oct. 6, 1970	26	..	190	32	123	4	520	95	212	.8	8.3	.2	1,020	610	1,610	7.1	30.38	2.2	0
48-402	Kca	17	do	17	..	66	24	48	..	336	4	65	.5	10.0	..	396	265	694	7.1	28.38	1.2	.2
53-301	Kca	8	Sept. 22, 1970	16	..	79	7	14	1	264	13	16	.2	3.5	..	279	226	462	7.4	22.27	.9	0
54-101	Kca	90	do	11	..	72	12	47	2	275	25	57	.4	.4	.1	362	227	616	7.7	30.62	1.3	0
102	Kca	31	do	21	..	72	234	650	1	840	425	1,050	5.3	.4	2.2	2,873	1,140	4,410	7.5	55.29	8.3	0
103	Kca	70	do	21	..	104	11	19	2	304	27	31	.2	24.0	.1	388	307	694	7.1	11.85	.4	0
104	Kca	70	Oct. 7, 1970	13	..	163	18	123	1	477	76	187	.6	19.0	.3	835	381	1,370	7.5	35.69	2.4	0
106	Kca	30	Jan. 13, 1971	29	..	97	19	12	1	376	19	8	.8	5.0	.2	375	321	583	7.8	7.51	.2	0
202	Kca	26	Oct. 13, 1970	30	..	68	7	9	3	243	12	10	.3	.4	.1	259	199	404	7.4	8.82	.2	0
204	Kca	120	Oct. 14, 1970	17	..	336	66	309	2	550	387	600	.5	121	.4	2,109	1,110	3,070	7.4	37.66	4.0	0
206	Kca	200	Mar. 11, 1971	12	..	92	22	5	1	360	18	9	.2	.4	.2	336	322	556	7.5	3.27	.1	0
302	Kca	190	Mar. 6, 1969	27	..	309	10	15	2	322	30	104	.3	539	..	1,190	810	1,600	7.1	3.71	.2	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

CALLAHAN COUNTY--Continued

Well	Water-bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
30-54-303	Kca	119	Apr. 4, 1940	--	--	108	20	24	--	390	36	33	--	20.0	--	432	352	--	--	12.92	0.5	0
304	Kca	120	Sept. 23, 1970	13	--	111	19	16	1	345	38	41	0.3	17.0	0.2	426	357	703	7.8	8.89	.3	0
307	Kca	56	June 5, 1971	14	--	116	10	5	1	379	11	9	.1	.4	.1	351	332	570	7.7	3.07	.1	0
401	Kca	60	Sept. 18, 1970	7	--	59	20	37	32	259	4	97	.3	1.5	.1	385	230	690	7.5	22.93	1.0	0
402	Kca	16	Sept. 4, 1940	--	--	130	56	255	--	647	144	300	1.9	20.0	--	1,225	554	--	--	50.00	4.7	0
402	Kca	16	Mar. 9, 1971	22	--	109	29	88	4	287	99	184	.9	.4	.2	677	394	1,125	7.6	32.56	1.9	0
403	Pn	16	Sept. 4, 1940	--	--	97	14	34	--	323	35	18	.7	55.0	--	412	299	--	--	19.79	.8	0
403	Pn	16	Mar. 9, 1971	14	--	105	13	23	1	316	38	23	.7	32.0	.3	405	316	645	7.7	13.64	.5	0
501	Kca	101	Oct. 7, 1970	12	--	96	21	17	1	331	38	27	.5	28.0	.2	403	325	645	7.5	10.15	.4	0
601	Kca	38	Sept. 4, 1970	12	--	109	30	22	1	379	53	47	.4	6.0	.2	466	395	760	7.5	10.76	.4	0
602	Kca	Spring	do	22	--	85	105	182	--	510	262	251	1.7	.4	--	1,159	650	1,800	7.7	38.07	3.1	0
603	Kca	70	Sept. 23, 1970	13	--	116	11	16	1	375	19	20	.2	21.0	.2	401	338	653	7.5	9.38	.3	0
604	Kca	70	do	13	--	85	15	14	2	325	13	16	.2	1.0	.1	319	273	530	7.4	9.92	.3	0
605	Kca	60	Oct. 9, 1970	20	--	113	18	16	1	240	30	58	.3	108	.1	482	358	761	7.2	8.87	.3	0
608	Kca	65	Oct. 10, 1970	17	--	131	110	59	7	620	123	189	1.0	21.0	.6	963	780	1,580	7.5	14.00	.9	0
611	Kca	90	Feb. 17, 1971	16	--	290	200	250	3	550	323	930	.8	3.5	.3	2,287	1,550	3,480	7.1	25.97	2.7	0
612	Kca	100	do	12	--	100	26	32	1	395	52	34	.4	1.5	.1	453	359	728	7.9	16.28	.7	0
801	Kca	15	Apr. 16, 1940	--	--	100	57	328	--	445	497	220	2.1	20.0	--	1,442	485	--	--	59.58	6.4	0
901	Kca	40	Sept. 15, 1970	15	--	118	52	63	2	530	42	113	.6	8.0	.2	674	510	1,134	7.2	21.15	1.2	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

CALLAHAN COUNTY--Continued

Well	Water-bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
30-54-902	Kca	28	Sept. 15, 1970	30	--	85	36	72	2	484	44	57	1.7	0.4	0.1	566	362	895	7.7	30.15	1.6	0.7
55-101	Kca	110	Sept. 18, 1970	11	--	65	21	39	5	310	25	45	.3	.4	.1	364	250	612	7.8	24.96	1.0	.1
102	Kca	85	do	10	--	75	25	38	2	357	23	44	.3	1.0	.1	393	291	667	7.5	22.03	.9	0
103	Kca	102	Apr. 4, 1940	--	--	--	--	--	--	354	39	56	--	20.0	--	289	--	--	--	--	--	--
103	Kca	102	Sept. 21, 1970	15	--	93	13	27	1	343	26	30	.3	.4	.1	374	288	617	7.3	16.99	.6	0
201	Kca	88	Sept. 15, 1970	11	--	112	23	16	1	348	92	19	.3	1.0	.1	446	374	692	7.4	8.48	.3	0
202	Kca	175	Aug. 2, 1940	--	--	96	14	13	--	323	35	18	--	20.0	--	354	299	--	--	8.69	.3	0
206	Kca	105	Sept. 15, 1970	16	--	99	22	28	1	331	37	44	.3	24.0	.2	434	339	720	7.4	15.23	.6	0
207	Kca	130	do	12	--	92	19	22	1	322	24	28	.3	23.0	.1	379	308	635	7.5	13.41	.5	0
208	Kca	60	Sept. 18, 1970	11	--	79	25	41	2	334	32	49	.7	24.0	.2	428	302	705	7.4	22.77	1.0	0
209	Kca	61	Sept. 21, 1970	12	--	101	26	42	2	388	32	71	.4	3.5	.2	480	360	802	7.5	20.17	.9	0
212	Kca	60	do	12	--	102	24	46	--	345	65	72	.5	6.0	--	497	355	823	7.3	22.07	1.0	0
215	Kca	150	Sept. 17, 1970	15	--	114	17	24	2	338	27	56	.3	21.0	.1	442	355	737	7.3	12.76	.5	0
217	Kca	31	Oct. 19, 1970	11	--	212	68	188	1	481	499	195	.8	24.0	.3	1,435	810	2,000	7.6	33.55	2.8	0
219	Kca	135	Mar. 24, 1971	13	--	69	9	31	2	237	24	36	.4	2.0	.2	303	209	500	7.7	24.15	.9	0
302	Kca	90	Sept. 24, 1970	16	--	158	16	26	1	327	40	45	.3	189	.2	652	461	959	7.5	10.92	.5	0
303	Kca	130	Aug. 2, 1940	--	--	89	12	18	--	336	15	14	--	20.0	--	333	272	--	--	12.60	.4	0
303	Kca	130	Sept. 24, 1970	11	--	103	11	22	2	359	10	37	.3	.4	.1	373	305	628	7.4	13.57	.5	0
304	Kca	80	Aug. 2, 1940	--	--	79	11	32	--	293	16	39	--	20.0	--	341	242	--	--	22.31	.8	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

CALLAHAN COUNTY--Continued

Well	Water-bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
30-55-305	Kca	275	Nov. 18, 1963	..	0.1	80	23	29	..	342	20	37	0.4	0.5	..	359	296	720	7.8	17.65	0.7	0
308	Kca	117	Mar. 22, 1971	14	..	116	12	17	2	367	15	28	.2	28.0	0.2	412	340	690	7.6	9.77	.4	0
309	Kca	100	May 6, 1971	10	..	100	4	10	2	298	18	21	.4	.4	.2	312	266	520	7.5	7.49	.2	0
401	Kca	80	Sept. 10, 1970	18	..	88	22	83	1	420	62	62	.6	1.3	.1	544	310	872	7.5	36.70	2.0	.6
402	Kca	80	do	20	..	98	20	32	2	345	31	47	.9	19.0	.1	439	327	718	7.3	17.44	.7	0
403	Kca	80	do	16	..	97	16	35	..	379	22	15	.4	30.0	..	417	307	669	7.6	19.82	.8	0
405	Kca	80	do	16	..	84	13	26	1	278	20	23	.3	37.0	.2	356	262	579	7.1	17.62	.6	0
406	Kca	30	Oct. 1, 1970	29	..	74	14	46	1	301	32	44	.8	1.5	.1	390	241	629	7.3	29.12	1.2	0
407	Kca	30	do	27	..	104	27	102	3	439	73	117	1.2	15.0	.1	685	374	1,098	7.5	37.21	2.3	0
408	Kca	40	Mar. 9, 1971	25	..	82	33	98	1	530	36	58	1.1	.4	.3	595	342	960	7.4	38.42	2.3	1.8
504	Kca	91	Sept. 4, 1970	12	..	109	19	45	1	411	23	47	.4	20.0	.3	478	350	782	7.6	21.78	1.0	0
507	Kca	65	Sept. 11, 1970	12	..	87	26	30	1	354	24	37	.5	21.0	.2	412	325	694	7.5	16.71	.7	0
509	Kca	100	do	12	..	99	25	37	1	397	31	44	.4	6.0	.2	450	350	744	7.5	18.64	.8	0
512	Kca	98	do	12	..	129	24	44	..	449	32	58	.4	33.0	..	553	424	910	7.4	18.53	.9	0
514	Kca	85	do	12	..	110	27	39	1	399	26	62	.4	22.0	.2	495	385	835	7.4	17.98	.8	0
515	Kca	35	Sept. 17, 1970	29	..	75	25	26	3	355	18	27	.7	5.0	.1	383	290	617	7.5	16.14	.6	0
516	Kca	31	Sept. 23, 1970	17	..	115	17	28	3	323	36	62	.3	25.0	.1	462	356	762	7.3	14.44	.6	0
517	Kca	100	Oct. 15, 1970	11	..	124	27	70	1	389	54	119	.7	25.0	.2	623	419	1,042	7.4	26.52	1.4	0
605	Kca	180	Oct. 19, 1970	8	..	171	101	244	1	486	348	412	.8	23.0	.3	1,548	850	2,360	7.8	38.62	3.6	0
702	Kca	45	Oct. 14, 1970	24	..	94	17	32	1	343	24	50	.4	.4	.1	411	306	681	7.3	18.54	.7	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

CALLAHAN COUNTY--Continued

Well	Water-bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
30-55-703	Kca	72	Oct. 1, 1970	18	--	63	6	9	--	189	12	11	0.3	19.0	--	231	183	375	7.5	9.71	0.2	0
801	Kca	50	Sept. 18, 1970	16	--	279	30	74	8	334	106	236	.7	311	.3	1,225	820	1,810	7.3	16.24	1.1	0
802	Kca	15	Oct. 27, 1970	36	--	112	21	48	2	395	48	66	1.1	8.0	.2	536	367	845	7.5	22.08	1.0	0
803	Kca	28	do	26	--	540	118	413	--	420	311	1,490	.4	.4	--	3,105	1,840	4,750	7.2	32.89	4.1	0
804	Kca	65	do	13	--	107	66	184	8	484	130	264	.9	80.0	--	1,090	540	1,740	7.8	42.18	3.4	0
805	Kca	17	Mar. 25, 1971	18	--	190	31	121	3	473	89	274	.5	.4	.2	959	610	1,560	7.6	30.30	2.1	0
806	Kca	20	do	27	--	690	144	570	8	540	680	1,690	.8	22.0	.1	4,097	2,320	5,570	7.4	34.78	5.1	0
905	Kca	60	Oct. 21, 1970	16	--	153	24	129	2	392	62	265	.4	12.0	.1	856	481	1,460	7.2	36.74	2.5	0
912	Kca	48	Sept. 4, 1940	--	--	134	21	46	--	409	39	96	.3	20.0	--	557	423	--	--	19.21	.9	0
912	Kca	48	Oct. 21, 1970	5	--	44	2	6	1	110	9	23	.4	1.0	.1	145	120	260	7.6	9.86	.2	0
915	Kca	70	do	26	--	194	35	188	1	367	39	476	1.1	11.0	.3	1,151	630	1,960	7.3	39.38	3.2	0
917	Kca	70	Mar. 3, 1969	29	--	95	14	36	--	349	22	36	1.3	3.5	--	408	296	675	7.4	20.99	.9	0
918	Kca	50	Sept. 4, 1940	--	--	85	16	88	--	378	51	64	.6	21.0	--	511	280	--	--	40.78	2.2	.6
919	Kca	49	do	--	--	124	19	129	--	488	89	110	.7	23.0	--	734	387	--	--	41.99	2.8	.2
920	Kca	44	do	--	--	198	26	187	--	567	140	270	.6	20.0	--	1,120	601	--	--	40.36	3.3	0
921	Kca	48	do	--	--	196	26	140	--	494	117	250	.5	24.0	--	996	596	--	--	33.81	2.4	0
922	Kca	47	do	--	--	171	25	133	--	531	70	210	.4	20.0	--	890	531	--	--	35.33	2.5	0
922	Kca	47	Oct. 21, 1970	16	--	112	12	45	1	440	24	28	.7	1.5	.2	456	329	740	7.6	22.87	1.0	.6
923	Kca	50	Sept. 4, 1940	--	--	146	19	71	--	422	54	124	.4	23.0	--	644	442	--	--	25.87	1.4	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

CALLAHAN COUNTY--Continued

Well	Water-bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
30-55-924	Kca	50	Feb. 5, 1946	19	..	99	13	76	6	403	48	57	0.4	15.0	..	531	300	..	7.0	34.91	1.9	0.5
925	Kca	85	Oct. 19, 1970	4	..	56	19	35	3	229	29	51	.6	1.5	0.1	311	218	560	7.4	25.56	1.0	0
927	Kca	40	do	15	..	150	32	48	1	392	56	69	1.1	168	.2	733	510	1,098	7.9	17.07	.9	0
928	Kca	60	do	25	..	142	17	117	1	449	69	142	1.4	37.0	.3	772	425	1,200	8.1	37.42	2.4	0
56-413	Kca	25	Oct. 27, 1970	24	..	107	38	132	..	495	85	134	2.1	26.0	..	791	426	1,250	7.6	40.41	2.7	0
63-101	Kca	55	Feb. 15, 1971	36	..	81	17	49	7	394	27	15	.9	10.0	.3	436	272	669	7.6	27.50	1.2	1.0
201	Kca	28	Sept. 4, 1940	..	..	98	33	117	..	500	51	120	1.0	..	..	665	380	..	..	40.09	2.6	.5
201	Kca	28	Oct. 13, 1970	27	..	146	16	24	4	432	45	64	.5	2.5	.2	541	429	865	7.5	10.71	.5	0
202	Pn	150	Jan. 13, 1971	17	..	50	29	154	2	377	79	140	.5	2.3	.4	659	243	1,089	7.7	57.60	4.2	1.2
203	Pn	90	Feb. 15, 1971	19	..	95	45	138	2	346	233	152	.5	.4	.5	855	424	1,300	7.9	41.41	2.9	0
205	Kca	13	Feb. 17, 1971	28	..	91	24	47	1	221	70	128	.8	.4	.3	499	327	825	7.3	23.81	1.1	0
304	Kca	50	Feb. 5, 1946	11	..	227	23	138	12	520	128	283	.2	23.0	..	1,100	661	..	7.0	30.74	2.3	0
308	Kca	70	Oct. 21, 1970	17	..	122	19	81	2	182	84	203	.2	28.0	.2	645	382	1,105	6.9	31.39	1.8	0
309	Kca	80	Mar. 3, 1968	20	..	142	19	87	..	265	82	217	.5	.4	..	698	433	1,190	7.0	30.43	1.8	0
311	Kca	40	Oct. 13, 1970	21	..	441	81	398	3	570	510	890	.5	32.0	.2	2,656	1,440	3,840	7.1	37.59	4.5	0
312	Kca	48	do	12	..	114	23	99	1	287	68	132	.5	144	.2	734	379	1,175	7.4	36.15	2.2	0
313	Kca	60	Sept. 4, 1940	..	..	187	25	35	..	348	70	100	.3	183	..	771	570	..	..	11.79	.6	0
314	Kca	62	Oct. 27, 1970	15	..	178	28	106	1	379	106	265	.2	4.0	.2	889	560	1,470	7.4	29.14	1.9	0
316	Kca	19	Apr. 4, 1940	..	..	116	19	31	..	378	28	67	..	20.0	..	466	367	..	..	15.50	.7	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

CALLAHAN COUNTY--Continued

Well	Water-bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
30-63-316	Kca	19	Oct. 27, 1970	10	..	127	18	44	1	342	41	111	0.4	0.4	0.2	521	389	885	7.5	19.61	0.9	0
404	Kca	15	Mar. 25, 1971	12	..	333	23	260	5	212	97	840	.2	.4	.2	1,675	930	2,780	7.5	37.76	3.7	0
607	Kca	25	June 11, 1962	20	..	156	49	380	..	429	213	545	1.9	1.0	..	1,576	590	2,800	7.7	58.31	6.8	0
607	Kca	25	Oct. 13, 1970	10	..	259	46	361	7	279	270	800	.7	12.0	..	1,902	840	3,040	7.4	48.18	5.4	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

COMANCHE COUNTY

Well	Water-bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-51-308	Kctp	168	Sept. 1, 1970	..	..	101	7	44	5	269	20	99	..	..	..	408	..	820	7.2	24.99	1.1	0
309	Kctp	200	Aug. 31, 1970	..	..	292	24	185	8	311	22	675	..	..	..	1,510	..	2,570	6.8	32.62	2.8	0
502	Pn	217	Jan. 14, 1960	10	..	5	1	340	..	519	10	208	..	0.2	..	829	14	1,440	8.5	97.80	36.3	8.1
523	Kctp	60	Aug. 2, 1972	20	..	105	8	52	..	316	27	65	0.3	25.0	..	457	294	740	7.4	27.72	1.3	0
603	Kctp	56	July 28, 1965	25	..	174	13	97	..	350	52	220	.6	55.0	..	808	486	1,400	7.1	30.20	1.9	0
605	Kctp	75	do	20	..	95	5	35	..	281	26	42	.7	24.0	..	385	259	653	7.6	22.81	.9	0
606	Kctp	75	July 22, 1968	19	..	97	6	44	3	298	33	53	.3	16.5	0.1	418	270	700	7.4	26.13	1.1	0
607	Kctp	90	Aug. 9, 1965	18	..	237	11	65	..	362	43	321	.2	3.0	..	876	640	1,600	7.1	18.17	1.1	0
618	Kctp	46	July 29, 1970	23	..	71	7	12	..	243	13	5	.6	13.0	..	264	207	425	7.4	11.24	.3	0
621	Kctp	115	July 15, 1970	18	..	274	17	150	..	320	51	550	.1	3.5	0.3	1,221	750	2,130	7.2	30.21	2.3	0
621	Kctp	115	Aug. 17, 1970	..	..	305	34	245	8	334	20	790	..	..	..	1,566	..	3,000	7.0	36.90	3.5	0
621	Kctp	115	Sept. 4, 1970	..	..	296	10	235	7	232	15	730	..	..	..	1,407	..	2,750	7.3	39.32	3.6	0
621	Kctp	115	July 16, 1971	16	..	305	22	207	..	304	52	700	.1	4.0	..	1,455	850	2,500	7.0	34.58	3.0	0
621	Kctp	115	Aug. 10, 1972	15	..	249	19	148	..	251	66	520	.1	2.5	..	1,143	700	1,980	7.3	31.51	2.4	0
630	Kctp	66	Aug. 3, 1972	24	..	193	14	85	..	395	40	253	.4	5.5	..	809	540	1,350	7.1	25.53	1.5	0
632	Kctp	99	do	25	..	138	13	57	..	345	35	139	.3	8.0	..	584	397	963	7.4	23.76	1.2	0
803	Pn	6	Jan. 14, 1960	22	..	107	45	173	..	486	78	225	..	40.0	..	928	452	1,560	7.1	45.42	3.5	0
804	Pn	193	do	10	..	5	1	307	..	536	1	157	2.1	10.0	..	746	14	1,280	8.4	97.57	32.7	8.4
810	Pn	85	Aug. 1, 1972	13	..	174	34	21	..	338	243	64	.4	10.0	..	725	570	1,032	7.4	7.37	.3	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

COMANCHE COUNTY--Continued

Well	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-51-903	65	Aug. 2, 1972	15	--	89	11	43	--	287	36	50	0.3	28.0	--	413	268	663	7.3	25.92	1.1	0
906	90	July 28, 1969	--	--	92	7	41	3	256	25	68	--	--	--	361	--	625	7.2	25.38	1.1	0
52-109	47	Dec. 22, 1969	--	--	178	15	154	6	311	45	410	--	--	--	960	--	1,800	6.9	39.47	2.9	0
119	50	do	--	--	230	15	174	6	336	37	468	--	--	--	1,095	--	2,000	6.9	37.04	3.0	0
120	45	Dec. 23, 1969	--	--	172	15	156	8	198	45	427	--	--	--	920	--	1,800	7.5	40.37	3.0	0
201	80	Sept. 13, 1972	10	--	38	9	26	--	96	14	59	.3	10.0	--	213	133	395	7.2	30.02	.9	0
206	114	May 20, 1970	16	--	87	17	83	--	89	70	225	.2	17.0	0.1	559	288	984	7.3	38.61	2.1	0
206	114	Aug. 25, 1970	15	--	84	14	77	--	115	60	193	.2	9.5	0.1	509	268	912	6.8	38.53	2.0	0
213	165	Aug. 11, 1966	15	--	70	13	32	--	155	38	86	.1	9.0	--	339	230	619	6.6	23.37	.9	0
213	165	July 23, 1971	14	--	113	28	54	--	121	56	241	.2	7.5	--	573	399	1,034	6.9	22.82	1.1	0
214	125	Aug. 11, 1966	15	--	110	22	41	--	232	36	156	.1	8.0	--	502	365	921	7.2	19.63	.9	0
214	125	Mar. 11, 1969	16	--	91	15	38	--	203	29	117	.2	5.3	--	411	288	744	6.9	22.25	.9	0
215	114	Aug. 11, 1966	15	--	117	20	52	--	210	48	191	.1	0.4	--	546	375	993	7.0	23.21	1.1	0
215	114	Mar. 11, 1969	16	--	129	24	83	--	232	52	249	.1	0.4	--	667	421	1,185	6.8	30.03	1.7	0
215	114	Sept. 12, 1972	4	--	48	14	54	--	79	42	122	.2	9.0	--	332	178	617	7.1	39.84	1.7	0
309	110	May 21, 1970	16	--	61	9	73	--	104	67	138	.4	5.0	0.1	420	191	736	7.0	45.62	2.3	0
309	110	July 23, 1971	14	--	46	8	57	--	68	48	107	.1	14.0	--	327	147	579	6.7	45.63	2.0	0
309	110	July 25, 1972	15	--	56	7	49	--	113	42	91	.1	13.0	--	328	169	568	6.8	38.74	1.6	0
310	125	May 26, 1970	17	--	48	5	22	--	140	21	22	.4	18.0	0.1	222	139	366	7.2	25.42	.8	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

COMANCHE COUNTY--Continued

Well	Water-bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-52-402	Kctp	60	Aug. 11, 1966	20	..	234	15	98	..	345	60	352	0.1	3.0	..	951	650	1,670	7.1	24.82	1.6	0
408	Kcho, Kcho	80	Jan. 29, 1969	..	..	314	17	196	2	433	48	305	..	..	..	1,458	..	2,352	7.3	33.20	2.9	0
409	Kcho	84	Jan. 30, 1969	..	..	480	85	282	3	854	96	746	..	..	..	2,726	..	5,000	7.1	28.41	3.1	0
410	Kcho	80	do	..	..	620	104	501	5	763	120	1,189	..	..	..	3,799	..	6,128	7.4	35.56	4.9	0
411	Kcho	152	May 19, 1970	20	..	137	10	47	..	338	27	123	.3	6.5	0.1	537	364	905	7.3	21.07	1.0	0
411	Kcho	152	Aug. 25, 1970	17	..	154	11	55	..	383	26	152	.2	0.4	0.2	604	430	1,034	7.1	21.78	1.1	0
411	Kcho	152	July 16, 1971	19	..	155	12	57	..	372	28	156	.1	1.8	..	611	438	1,035	7.3	22.13	1.1	0
414	Kctp	100	May 20, 1970	24	..	150	12	49	..	384	36	117	.1	3.5	0.1	580	424	934	7.5	20.10	1.0	0
426	Kctp	54	Sept. 14, 1972	5	..	102	13	75	..	334	20	126	.6	0.4	..	506	308	903	7.4	34.62	1.8	0
433	Kctp	88	July 16, 1971	31	..	132	15	69	..	298	59	153	.3	15.0	..	620	394	1,022	7.1	27.73	1.5	0
433	Kctp	88	July 24, 1972	30	..	129	17	68	..	268	63	158	.3	37.0	..	634	395	1,035	7.3	27.40	1.4	0
440	Kcho	100	Nov. 30, 1970	..	..	134	16	55	6	305	30	173	..	..	..	563	..	1,200	6.8	22.68	1.1	0
441	Kcho	100	do	..	..	173	22	70	4	283	70	281	..	..	..	759	..	1,420	6.9	22.40	1.3	0
442	Kcho	100	do	..	..	173	18	68	.1	259	90	285	..	..	..	761	..	1,500	7.1	22.62	1.3	0
442	Kcho	100	July 8, 1971	20	..	106	8	51	..	293	26	95	.3	.4	..	450	298	763	7.2	27.16	1.2	0
504	Kctp	74	July 13, 1965	18	..	241	16	184	..	400	129	399	.4	29.0	..	1,213	670	2,060	7.2	37.49	3.0	0
505	Pn	83	Aug. 11, 1966	22	..	167	49	164	..	420	61	397	.3	0.4	..	1,067	620	1,860	7.3	36.59	2.8	0
510	Kctp	47	May 19, 1970	31	..	89	14	37	..	331	23	32	.9	24.0	..	413	281	654	7.4	22.34	.9	0
510	Kctp	47	Aug. 25, 1970	30	..	99	13	42	..	333	23	55	.9	13.0	0.1	439	303	707	7.6	23.31	1.0	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

COMANCHE COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-52-512	Kcho	100	May 21, 1970	29	--	43	4	21	--	149	16	9	0.3	21.0	--	216	126	330	7.4	26.96	0.8	0
521	Kctp	70	July 17, 1970	18	--	154	13	50	--	420	14	133	.2	5.0	--	593	438	1,009	7.3	19.90	1.0	0
608	Kctp	103	Aug. 9, 1966	24	--	40	4	23	--	128	19	15	.3	31.0	--	219	117	349	7.0	30.08	.9	0
703	Kctp	90	Mar. 13, 1969	22	--	205	17	88	--	345	68	289	.3	11.5	--	870	590	1,490	7.0	24.76	1.5	0
705	Kctp	119	Sept. 13, 1972	16	--	327	31	186	--	397	111	620	.2	0.4	--	1,486	940	2,460	7.2	30.01	2.6	0
707	Kctp	82	July 13, 1965	23	--	305	31	212	--	423	93	630	.7	6.0	--	1,508	890	2,630	7.1	34.16	3.0	0
710	Kctp	100	May 14, 1967	--	--	358	37	120	4	244	48	181	--	--	--	1,529	--	2,466	6.9	19.85	1.6	0
710	Kctp	100	Mar. 13, 1969	22	--	323	27	116	--	268	87	620	.1	3.5	--	1,330	920	2,320	6.7	21.57	1.6	0
714	Kcho	100	May 14, 1970	22	--	238	17	102	--	394	88	338	.1	7.0	0.2	1,006	660	1,660	7.1	25.05	1.7	0
714	Kcho	100	Aug. 25, 1970	20	--	207	13	78	--	386	55	263	.2	3.5	.2	829	570	1,400	7.2	22.93	1.4	0
714	Kcho	100	July 16, 1971	33	--	227	15	104	--	388	83	320	.2	5.6	--	978	630	1,600	7.0	26.47	1.8	0
714	Kcho	100	July 12, 1972	23	--	214	13	103	--	381	71	298	.2	2.5	--	912	590	1,500	7.0	27.60	1.8	0
721	Kcho	117	June 15, 1969	--	--	82	5	47	12	158	25	90	--	--	--	338	--	675	6.7	29.82	1.3	0
721	Kcho	117	July 15, 1970	20	--	90	7	42	--	224	29	81	0.2	22.0	--	401	257	681	7.3	26.50	1.1	0
722	Kcho	78	Aug. 21, 1970	--	--	234	32	152	6	391	60	428	--	--	--	1104	--	2,050	6.8	31.37	2.4	0
722	Kcho	78	Nov. 11, 1970	17	--	268	20	169	--	442	87	469	.3	16.0	--	1,263	750	2,110	7.0	32.86	2.6	0
724	Kctp	60	July 16, 1970	25	--	143	13	63	--	345	30	164	.2	5.0	--	612	410	1,040	7.3	25.03	1.3	0
730	Kctp	65	Sept. 13, 1972	21	--	215	16	106	--	359	92	310	.3	13.0	--	949	600	1,590	7.4	27.68	1.8	0
734	Kctp	50	do	--	--	103	9	58	--	303	31	91	.5	0.4	--	464	294	792	7.4	30.02	1.4	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

COMANCHE COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-52-737	Kctp	100	July 17, 1970	20	--	296	21	165	--	433	81	520	0.3	12.0	--	1,328	830	2,250	7.1	30.31	2.4	0
737	Kctp	100	Aug. 21, 1970	--	--	238	32	180	6	354	95	498	--	--	--	1,223	--	2,300	7.0	34.81	2.9	0
809	Kcho	105	May 21, 1970	21	--	55	4	15	--	138	13	37	.1	8.5	0.1	221	156	372	7.2	17.51	.5	0
815	Kctp	108	Sept. 13, 1972	17	--	151	12	52	--	282	39	181	.1	19.0	--	609	428	1,038	7.3	20.97	1.0	0
821	Kcho	103	Nov. 11, 1970	17	--	89	8	76	--	226	34	139	.3	6.0	--	480	255	837	7.2	39.33	2.0	0
821	Kcho	103	July 16, 1971	18	--	91	7	73	--	221	47	136	.3	5.0	--	485	255	805	7.3	38.29	1.9	0
821	Kcho	103	July 24, 1972	21	--	104	9	74	--	270	37	134	.2	4.0	--	515	296	867	7.5	35.18	1.8	0
824	Kcho	93	July 11, 1969	--	--	180	11	71	6	204	60	293	--	--	--	721	--	1,260	6.6	23.52	1.3	0
825	Kcho	99	Sept. 5, 1970	--	--	130	9	69	6	235	43	194	--	--	--	566	--	1,180	6.5	28.91	1.5	0
826	Kcho	114	July 11, 1969	--	--	96	6	60	5	183	40	120	--	--	--	416	--	700	7.0	32.53	1.6	0
826	Kcho	114	Sept. 5, 1970	--	--	91	5	56	4	189	35	94	--	--	--	377	--	850	6.5	32.52	1.5	0
827	Kcho	97	July 11, 1969	--	--	134	22	90	8	220	80	250	--	--	--	692	--	1,250	6.9	31.03	1.8	0
827	Kcho	97	Sept. 5, 1970	--	--	88	1	44	4	186	35	76	--	--	--	339	--	750	6.8	29.48	1.2	0
828	Kcho	121	July 11, 1969	--	--	92	6	47	5	167	43	108	--	--	--	383	--	680	7.0	28.17	1.2	0
828	Kcho	121	May 9, 1970	--	--	104	2	36	3	224	78	46	--	--	--	379	--	750	6.8	22.38	.9	0
844	Kctp	94	Nov. 11, 1970	17	--	120	19	38	--	207	19	202	.3	.4	.2	517	379	--	7.0	17.96	.8	0
845	Kcho	92	Sept. 13, 1972	21	--	224	23	111	--	350	59	379	.2	10.0	--	999	660	1,720	7.6	26.97	1.8	0
846	Kctp	90	July 14, 1971	22	--	120	11	75	--	342	47	123	.3	6.0	--	572	345	945	7.3	32.12	1.7	0
850	Kcho	130	Apr. 26, 1972	21	--	82	6	47	--	195	47	73	.1	21.0	--	392	230	637	8.1	30.83	1.3	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

COMANCHE COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-52-851	Kcho	96	Apr. 26, 1972	17	--	182	13	71	--	285	55	260	0.2	14.0	--	752	510	1,250	7.7	23.32	1.3	0
905	Kctp	95	Nov. 18, 1970	--	--	79	17	33	8	137	55	98	--	--	--	357	--	770	7.3	20.56	.8	0
907	Kctp	110	Feb. 20, 1969	--	--	114	46	147	4.3	470	34	305	--	--	--	881	--	2400	7.2	40.02	2.9	0
907	Kctp	110	Mar. 10, 1969	50	16.8	199	43	367	--	540	185	570	1.8	.4	--	1,849	670	2,630	7.1	54.24	6.1	0
910	Kcho	89	May 21, 1970	25	--	262	22	233	--	590	120	438	.3	5.5	0.3	1,396	750	2,230	7.1	40.51	3.7	0
910	Kcho	89	Aug. 26, 1970	18	--	173	13	110	--	389	62	237	.2	7.0	.2	811	487	1,350	7.3	33.03	2.1	0
913	Kctp	95	Sept. 16, 1970	--	--	101	12	70	2	287	50	91	--	--	--	467	--	980	7.4	33.37	1.7	0
913	Kctp	95	Nov. 11, 1970	31	--	105	10	63	--	298	51	93	.6	14.0	--	514	306	843	7.4	31.13	1.5	0
916	Kcho	90	July 14, 1970	17	--	113	11	79	--	404	38	87	.2	13.0	.1	556	329	910	7.7	34.43	1.8	0
918	Kctp	93	Sept. 16, 1970	--	--	134	28	232	4	384	135	368	--	--	--	1,089	--	2,100	6.9	52.60	4.7	0
920	Kcho	90	Nov. 28, 1970	--	--	78	20	29	9	143	50	98	--	--	--	354	--	780	7.3	17.94	.7	0
53-407	Kctp	120	July 16, 1965	18	--	63	5	32	--	200	16	44	.5	12.0	--	288	178	492	7.2	28.13	1.0	0
422	Kcho	111	May 24, 1972	20	--	53	10	36	--	189	19	45	.2	7.0	--	283	174	482	7.2	31.11	1.1	0
423	Kcho	108	May 27, 1970	21	--	137	20	81	--	337	68	173	.2	3.5	--	669	423	1,122	7.4	29.35	1.7	0
423	Kcho	108	Oct. 11, 1971	19	--	103	18	60	--	304	52	107	.3	0.4	.1	509	330	860	7.5	28.27	1.4	0
423	Kcho	108	Oct. 14, 1971	18	--	57	8	32	--	181	25	40	.2	10.0	.1	279	175	470	7.4	28.44	1.0	0
450	Kcho	109	Aug. 8, 1972	16	--	54	11	32	--	211	24	32	.2	6.0	--	278	180	465	7.4	27.88	1.0	0
703	Kcho	112	July 13, 1965	14	--	88	25	36	--	333	27	71	.5	.4	--	425	324	750	7.4	19.54	.8	0
703	Kcho	112	Sept. 13, 1972	14	--	80	23	30	--	325	27	45	.3	.4	--	379	296	636	7.5	18.15	.7	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

COMANCHE COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-63-706	Kcho	128	Dec. 9, 1959	17	..	78	7	16	3.1	234	18	25	20.0	..	..	299	223	453	..	13.27	0.4	0
724	Kctp	96	May 10, 1972	27	..	80	11	37	..	221	25	82	.5	2.5	..	373	247	630	7.2	24.73	1.0	0
739	Kctp	158	May 27, 1970	18	..	74	4	30	..	234	21	28	.5	12.0	0.1	302	203	490	7.4	24.50	.9	0
749	Kctp	96	Sept. 13, 1972	19	..	105	11	74	..	376	35	66	.2	31.0	..	526	308	853	7.4	34.37	1.8	0
57-604	Kca	100	Dec. 10, 1959	15	..	120	35	60	..	401	34	138	..	5.1	.3	604	444	1,090	6.8	22.74	1.2	0
604	Kca	100	July 5, 1965	14	..	125	37	62	..	399	38	156	.7	11.0	..	639	465	1,138	7.3	22.51	1.2	0
604	Kca	100	Aug. 11, 1966	15	..	118	37	54	..	405	28	142	.3	7.0	..	600	447	170	7.3	20.82	1.1	0
604	Kca	100	Mar. 6, 1969	13	..	143	42	63	..	429	34	188	.5	5.6	..	700	530	1,200	7.3	20.55	1.1	0
604	Kca	100	July 20, 1971	15	..	134	37	64	..	406	44	168	.5	12.0	..	674	490	1,136	7.4	22.24	1.2	0
604	Kca	100	Sept. 12, 1972	15	..	120	44	57	..	425	37	157	.4	8.0	..	647	480	1,095	7.4	20.51	1.1	0
606	Kca	100	Aug. 11, 1966	16	..	78	19	40	..	283	20	63	.3	15.0	..	390	274	688	7.5	24.18	1.0	0
58-301	Ph	20	Mar. 20, 1946	14	..	110	11	35	3.2	382	43	27	.0	5.0	..	436	320	..	7.4	19.03	.8	0
501	Ph	266	Dec. 10, 1959	9	..	466	142	4,430	..	223	6	7,940	..	..	..	13,102	1,750	21,100	7.0	84.65	46.1	0
702	Kctp	56	July 9, 1965	21	..	110	26	61	..	434	36	64	1.8	27.0	..	560	383	920	7.4	25.81	.3	0
702	Kctp	56	July 23, 1968	22	..	112	25	65	4	429	38	82	.9	25.0	.2	585	384	980	7.2	26.73	1.4	0
705	Kctp	87	July 8, 1972	17	..	78	37	34	..	382	32	47	.4	9.0	..	442	347	727	7.5	17.57	.7	0
901	Ph	209	June 19, 1970	20	..	116	72	201	..	260	88	510	.6	0.4	..	1,135	590	1,980	7.5	42.74	3.6	0
59-201	Kctp, Ph	160	Jan. 20, 1960	13	1.2	141	47	98	..	423	50	252	.3	4.8	..	826	546	1,470	7.3	28.11	1.8	0
203	Kctp	75	Sept. 26, 1972	17	..	115	17	59	..	407	33	82	.4	21	..	545	357	920	7.4	26.45	1.3	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

COMANCHE COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-59-205	Kctp,Pn	106	Mar. 5, 1969	18	--	248	68	610	--	422	49	1,300	.6	5.0	--	2,506	900	4,210	7.1	59.62	8.8	0
206	Pn	200	Aug. 26, 1970	12	--	95	26	25	--	351	35	53	.2	.4	0.1	419	344	700	8.0	13.65	.5	0
210	Pn	100	Mar. 13, 1970	--	--	136	11	91	8	250	55	210	--	--	--	633	--	1,220	6.1	33.39	2.0	0
215	Pn	75	Aug. 27, 1970	16	--	75	9	36	--	248	21	46	.2	15.0	.1	340	223	572	7.4	25.89	1.0	0
215	Pn	75	July 16, 1971	16	--	69	8	34	--	233	19	35	.2	17.0	--	312	206	525	7.2	26.50	1.0	0
215	Pn	75	July 12, 1972	18	--	75	9	42	--	237	25	53	.1	19.0	--	357	225	590	7.9	28.95	1.2	0
218	Pn	99	June 28, 1972	16	--	135	14	61	--	399	44	137	.2	19.0	--	592	398	927	7.3	25.17	1.3	0
301	Pn	219	July 16, 1965	7	--	10	4	196	--	353	44	97	.6	.4	--	532	43	910	8.3	91.14	13.2	4.9
302	Kctp,Pn	262	Aug. 10, 1965	20	--	54	36	250	--	520	68	236	1.0	.4	--	921	285	1,600	7.4	65.78	6.4	2.8
304	Kctp,Pn	145	July 20, 1965	33	--	71	12	4	--	255	11	6	.7	10.0	--	273	227	439	7.9	3.69	.1	0
310	Kcho	43	Aug. 25, 1970	18	--	239	75	364	--	510	263	680	.8	8.0	.4	1,898	910	3,000	7.1	46.66	5.2	0
319	Pn	140	Mar. 17, 1970	--	0.3	87	28	124	7	348	85	170	--	.0	--	675	--	1,020	7.2	44.15	2.9	0
604	Pn	140	Sept. 26, 1972	2	--	31	61	112	--	239	104	191	.6	.4	--	620	329	1,118	7.4	42.60	2.6	0
903	Kctp,Pn	80	do	24	--	88	20	77	--	348	40	98	.6	4.0	--	520	303	867	7.8	35.66	1.4	0
60-104	Pn	154	Sept. 29, 1970	10	--	138	83	141	--	445	308	221	.4	.4	--	1,120	690	1,710	7.7	30.90	2.3	0
108	Kctp	60	do	19	--	248	16	171	--	200	72	590	.3	11.0	--	1,225	690	2,140	7.4	35.20	2.8	0
202	Kctp	74	Dec. 9, 1959	20	--	218	19	124	4.2	431	54	335	--	10.0	--	996	622	1,790	6.8	30.06	2.1	0
209	Kctp	103	July 13, 1965	21	--	231	20	72	--	361	56	325	.4	8.0	--	910	650	1,610	7.2	19.21	1.2	0
213	Kcho	98	Sept. 30, 1965	17	--	166	10	46	--	331	23	176	.2	5.0	--	605	457	1,080	7.3	18.01	.9	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

COMANCHE COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-60-215	Kcho	100	Mar. 25, 1969	7	--	94	8	30	--	310	10	46	0.1	0.4	--	347	269	624	7.3	19.61	0.7	0
215	Kcho	100	Mar. 26, 1969	20	--	101	9	32	--	327	11	52	0.1	2.0	--	387	290	664	7.3	19.40	.8	0
215	Kcho	100	Mar. 27, 1969	19	--	101	9	32	--	327	11	53	0.1	1.0	--	386	290	666	7.3	19.40	.8	0
215	Kcho	100	Mar. 28, 1969	18	--	101	9	32	--	327	12	54	0.1	2.0	--	388	290	671	7.3	19.40	.8	0
215	Kcho	100	July 25, 1972	12	--	82	7	42	--	243	26	58	0.3	15.0	--	361	234	602	7.8	28.13	1.1	0
217	Kcho	103	Mar. 13, 1969	--	--	48	44	41	1	321	55	73	--	--	--	419	--	660	7.8	22.79	1.0	0
218	Kcho	101	Mar. 7, 1969	17	--	86	13	43	--	320	23	47	0.2	5.0	--	391	269	675	7.4	25.86	1.1	0
221	Kche	32	Mar. 14, 1969	--	--	28	5	100	1	248	175	30	--	--	--	425	--	585	8.0	69.88	4.5	0
224	Kctp	76	Sept. 28, 1970	15	--	126	15	155	--	447	67	199	0.1	21.0	--	817	380	1,350	7.7	47.27	3.4	0
232	Kcho	87	Oct. 3, 1969	--	--	297	34	174	8	396	100	560	--	--	--	1,367	--	2,200	6.7	29.81	2.5	0
233	Kcho	76	Aug. 14, 1969	--	--	202	22	144	6	430	80	300	--	--	--	965	--	1,750	6.9	34.21	2.5	0
233	Kcho	76	Oct. 3, 1969	--	--	208	25	148	6	427	100	383	--	--	--	1,079	--	1,700	7.1	33.83	2.5	0
234	Kcho	66	do	--	--	206	22	102	5	384	60	345	--	--	--	928	--	1,500	7.3	26.64	1.8	0
234	Kcho	66	Aug. 14, 1970	--	--	210	25	134	5	391	80	343	--	--	--	989	--	1,800	6.9	31.52	2.3	0
236	Kcho	67	Oct. 3, 1969	--	--	230	22	142	5	366	96	440	--	--	--	1,114	--	1,700	7.2	31.52	2.3	0
236	Kcho	67	Aug. 11, 1970	--	--	200	27	134	5	366	80	340	--	--	--	965	--	1,750	7.0	32.10	2.3	0
238	Kctp	80	July 27, 1970	--	--	200	25	126	7	397	55	316	--	--	--	924	--	1,700	7.0	30.97	2.2	0
312	Kctp	200	Mar. 20, 1946	12	--	120	16	49	5.8	312	36	130	.0	5.1	--	527	366	97	7.2	22.24	1.1	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

COMANCHE COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-60-315	Kctcp,Pn	200	Mar. 20, 1946	12	--	162	20	12	8.4	390	86	242	0.0	6.0	--	740	486	153	7.2	4.98	0.2	0
330	Kctcp	70	Sept. 29, 1970	16	--	225	24	62	--	336	60	318	.1	4.0	0.3	874	660	1,510	7.3	16.96	1.0	0
331	Kctcp	90	Oct. 2, 1970	34	--	80	17	91	--	421	36	65	1.0	9.0	--	540	271	847	7.8	42.34	2.4	1.5
339	Kcho	96	Sept. 20, 1972	15	--	180	25	49	--	393	69	188	.3	.4	--	720	550	1,192	7.6	16.27	.9	0
401	Kctcp	55	Aug. 29, 1972	28	--	95	4	71	--	351	37	44	.6	21.0	--	473	256	738	7.6	37.85	1.9	.6
504	Kctcp	109	Mar. 25, 1970	--	--	278	4	76	4	317	38	390	--	--	--	945	--	1,900	7.0	18.77	1.2	0
504	Kctcp	109	Oct. 11, 1970	17	--	351	16	85	--	344	47	560	.1	12.0	--	1,257	940	2,170	7.3	16.41	1.2	0
505	Kctcp	121	Mar. 25, 1970	--	--	214	28	95	5	360	50	338	--	--	--	907	--	1,870	6.8	23.96	1.6	0
506	Kctcp	86	do	--	--	284	25	166	5	372	85	510	--	--	--	1,257	--	2,500	6.7	30.62	2.5	0
507	Kctcp	86	do	--	--	132	25	104	4	342	55	205	--	--	--	693	--	1,450	7.1	34.09	2.1	0
508	Kctcp	90	do	--	--	95	13	27	6	330	48	48	--	--	--	399	--	800	7.3	16.45	.6	0
516	Kcho	106	Apr. 2, 1970	--	--	274	17	132	7	354	58	440	--	--	--	1,102	--	2,400	6.6	27.35	2.0	0
516	Kcho	106	Aug. 13, 1970	--	--	298	21	126	7	488	70	430	--	--	--	1,191	--	2,100	6.9	24.62	1.9	0
615	Kctcp	59	Oct. 1, 1970	18	--	258	38	114	--	438	73	425	.2	15.0	--	1,156	800	1,940	7.6	23.66	1.7	0
616	Kcho	80	Oct. 2, 1970	15	--	142	18	88	--	333	53	201	.2	7.5	--	688	429	1,166	7.6	30.88	1.8	0
617	Kctcp	49	Sept. 20, 1972	20	--	217	27	107	--	395	64	344	.2	16.0	--	990	650	1,660	7.6	26.27	1.8	0
627	Kctcp	80	May 3, 1972	18	--	227	27	106	--	409	66	351	.2	8.0	--	1,004	680	1,700	7.2	25.39	1.7	0
701	Kctcp	78	Aug. 29, 1972	20	--	68	13	47	--	295	20	41	.5	.4	--	355	223	587	7.6	31.49	1.4	.4
808	Kctcp	110	July 12, 1965	24	--	91	8	43	3	293	31	43	.9	22.0	.1	410	262	673	7.4	26.17	1.1	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

COMANCHE COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-60-810	Kctp	61	Oct. 15, 1970	27	--	82	9	75	1	320	37	70	0.3	3.0	0.2	461	243	743	7.8	40.17	2.0	0.4
810	Kctp	61	July 8, 1971	28	--	87	8	35	--	275	28	44	.2	11.0	--	376	252	604	7.4	23.34	.9	0
811	Kctp	60	Oct. 15, 1970	19	--	138	13	74	2	337	50	152	.2	20.0	--	633	399	1,047	7.5	28.67	1.6	0
811	Kctp	60	July 15, 1971	20	--	132	12	70	--	317	49	138	.3	19.0	--	596	382	986	7.3	28.67	1.5	0
811	Kctp	60	July 18, 1972	23	--	152	13	83	--	342	63	174	.2	19.0	--	695	432	1,008	7.3	29.43	1.7	0
813	Kctp	39	Aug. 29, 1972	18	--	143	19	73	--	367	85	130	.3	12.0	--	660	437	1,080	7.2	26.74	1.5	0
816	Kcho	105	May 19, 1970	--	--	92	9	63	3	313	50	66	--	--	--	436	--	800	7.0	33.63	1.6	0
823	Kctp	60	May 2, 1972	16	--	28	4	123	--	283	44	55	1.0	1.5	--	411	88	670	7.7	75.60	5.7	2.9
901	Kctp	76	Aug. 29, 1972	25	--	146	31	137	--	464	110	191	.5	13.0	--	881	492	1,420	7.3	37.73	2.6	0
906	Kctp	40	do	25	--	152	28	123	--	439	91	196	.4	20.0	--	851	498	1,400	7.3	35.11	2.4	0
61-107	Kcho	95	July 19, 1965	20	--	73	5	43	--	254	20	37	.3	22.0	--	345	204	578	7.3	31.56	1.3	.1
107	Kcho	95	July 18, 1972	21	--	75	6	30	--	195	24	48	.6	21.0	--	321	211	520	7.1	23.55	.8	0
119	Kctp	60	Sept. 18, 1970	--	0.1	162	14	160	5	290	75	329	--	4.0	--	892	--	1,562	7.3	42.63	3.2	0
133	Kcho	120	Aug. 22, 1969	--	--	88	22	35	4	335	16	48	--	--	--	377	--	750	7.7	19.45	.8	0
201	Kche	61	Jan. 20, 1960	19	--	134	14	86	--	463	36	95	.2	34.0	--	645	392	1,070	7.2	32.30	1.8	0
211	Kcho	120	July 18, 1972	18	--	147	9	89	--	411	27	166	.1	26.0	--	664	406	1,083	7.2	32.40	1.9	0
401	Kche	89	Jan. 21, 1960	11	2.0	102	42	52	--	429	38	100	--	11.0	--	586	427	1,000	7.5	20.93	1.0	0
404	Kctp	135	Sept. 2, 1969	--	1.2	142	47	126	7	427	50	328	--	4.0	--	925	--	1,670	7.1	32.99	2.3	0
501	Kctp	173	July 18, 1972	18	--	99	37	24	--	405	19	62	.3	9.0	--	467	400	774	7.5	11.56	.5	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

COMANCHE COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-61-701	Kctp	135	July 20, 1965	21	--	108	20	41	--	376	24	76	0.3	7.0	--	482	351	832	7.3	20.22	0.9	0
704	Kctp	130	July 18, 1972	18	--	131	31	71	--	409	42	155	.3	11.0	--	660	456	1,026	7.3	25.36	1.4	0
711	Kctp	100	do	20	--	116	26	46	--	373	29	108	.2	4.0	--	532	398	895	7.2	20.15	1.0	0
712	Kctp	111	do	17	--	166	52	88	--	434	50	277	.2	5.5	--	869	630	1,430	7.6	23.35	1.5	0
802	Kctp	160	July 29, 1965	17	--	239	36	95	--	398	47	395	.4	22.0	--	1,047	750	1,900	7.2	21.72	1.5	0
808	Kctp	171	May 8, 1970	17	--	79	31	24	--	357	22	29	.3	19.0	--	396	325	672	7.3	13.85	.5	0
808	Kctp	171	Aug. 26, 1970	16	--	86	28	23	--	359	17	39	.3	15.0	0.1	400	331	675	7.5	13.17	.5	0
808	Kctp	171	July 16, 1971	13	--	76	33	27	--	379	35	23	.3	0.4	--	394	324	645	7.7	15.29	.6	0
808	Kctp	171	July 20, 1972	14	--	81	34	25	--	384	35	32	.3	1.5	--	411	343	670	7.6	13.72	.5	0
809	Kctp	144	May 8, 1970	20	--	86	23	23	--	366	13	19	.5	23.0	--	387	311	625	7.3	13.92	.5	0
810	Kctp	181	May 21, 1970	15	--	204	36	73	--	400	50	288	.4	42.0	.3	905	660	1,550	7.3	19.46	1.2	0
815	Kctp	199	May 2, 1972	14	--	85	26	8	--	378	12	8	.4	1.5	--	340	320	586	7.6	5.17	.1	0
41-02-110	Kche	106	Dec. 9, 1959	15	--	118	66	84	--	451	174	126	.6	25.0	--	830	566	1,350	7.3	24.40	1.5	0
116	Kctp	75	Aug. 9, 1972	17	--	121	44	44	--	418	65	111	.6	9.0	--	617	463	1,015	7.6	16.54	.8	0
201	Kctp	60	Sept. 4, 1970	28	--	117	30	65	--	427	60	99	.6	5.5	.1	615	415	986	7.6	25.39	1.3	0
201	Kctp	60	July 20, 1971	28	--	117	31	70	--	438	69	99	.8	4.0	--	634	422	998	7.4	26.63	1.4	0
201	Kctp	60	June 19, 1972	31	--	78	11	11	--	231	24	12	.4	38.0	--	318	241	489	7.2	9.07	.3	0
309	Kctp	71	May 3, 1972	25	--	75	13	14	--	294	12	5	.7	15.0	--	304	241	485	7.6	11.23	.3	0
311	Kctp	74	Sept. 26, 1972	7	--	69	50	79	--	275	155	124	.7	.4	--	620	377	997	8.0	31.30	1.8	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

COMANCHE COUNTY--Continued

Well	Water Bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
41-02-607	Kctp	66	Sept. 26, 1972	16	--	102	128	182	--	560	287	298	1.9	11	--	1,301	780	2,030	7.5	33.64	2.8	0
901	Kctp	111	Mar. 10, 1969	16	--	87	25	13	--	317	46	26	.4	.4	--	369	322	620	7.5	8.12	.3	0
03-101	Kctp	80	Sept. 9, 1968	17	--	144	45	69	--	456	118	152	.4	2.0	--	771	550	1,290	7.2	21.61	1.2	0
101	Kctp	80	July 20, 1971	19	--	147	37	137	--	409	109	237	.6	7.5	--	895	520	1,430	7.5	36.47	2.6	0
101	Kctp	80	July 25, 1972	20	--	143	40	134	--	375	123	258	.7	7.0	--	910	520	1,480	7.2	35.86	2.5	0
202	Kctp	121	Sept. 26, 1972	32	--	124	54	119	--	471	101	207	.9	11.0	--	880	530	1,400	7.6	32.83	2.2	0
203	Kctp	40	do	39	--	82	59	182	--	520	123	215	1.4	2.5	--	960	450	1,540	7.5	46.95	3.7	0
302	Ph	140	Sept. 27, 1972	16	--	80	23	100	--	371	29	124	.9	4.5	--	560	295	952	7.7	42.42	2.5	.2
604	Kctp	106	do	28	--	140	53	138	--	316	262	245	.9	2.0	--	1,024	570	1,550	7.5	34.60	2.5	0
04-102	Kctp	81	July 15, 1972	20	--	131	60	52	--	510	19	169	.1	10.0	--	711	580	1,220	7.2	16.47	.9	0
103	Kctp	115	Aug. 2, 1972	20	--	169	51	106	--	500	64	258	.1	19.0	--	932	630	1,550	7.7	26.74	1.8	0
202	Kctp	40	July 15, 1972	22	--	109	19	64	--	426	44	70	.5	9.0	--	546	354	802	7.4	28.44	1.4	0
204	Kctp	40	do	22	--	109	19	64	--	426	44	70	.5	9.0	--	546	354	802	7.4	28.44	1.4	0
302	Kctp	66	Oct. 23, 1964	--	--	194	87	90	--	449	75	423	.3	7.0	--	1,097	840	2,365	7.6	18.86	1.3	0
303	Kctp	63	do	--	--	156	77	122	--	466	72	367	.3	9.0	--	1,032	710	2,200	7.7	27.32	1.9	0
401	Kche	80	Apr. 12, 1971	28	--	118	68	73	6	500	153	103	1.0	7.5	--	803	570	1,200	8.0	21.44	1.3	0
503	Kctp	125	July 15, 1965	15	--	80	62	54	--	461	66	91	.7	.4	--	595	456	1,035	7.4	20.53	1.1	0
512	Kctp	105	May 4, 1972	20	--	94	58	53	--	443	45	119	.3	11.0	--	618	472	1,032	7.5	19.59	1.0	0
606	Kctp	145	July 18, 1972	21	--	87	59	32	--	473	36	74	.2	.4	--	542	1,462	890	7.5	13.15	.6	0
610	Kctp	135	do	22	--	148	60	137	--	486	93	290	.1	.4	--	989	620	1,590	7.4	32.60	2.4	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

COMANCHE COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boiron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
41-04-701	Kche	88	Sept. 9, 1968	16	--	100	30	30	--	409	29	35	0.5	21.5	--	463	375	775	7.3	14.89	0.6	0
701	Kche	88	July 19, 1971	15	--	111	33	36	--	426	43	49	.5	22.0	--	518	412	836	7.6	15.94	.7	0
701	Kche	88	July 20, 1972	16	--	112	32	36	--	427	44	51	.5	24.0	--	525	412	837	7.3	16.00	.7	0
702	Kctcp	210	July 19, 1972	14	--	98	35	12	--	387	35	22	.8	32.0	--	439	390	700	7.3	6.29	.2	0
801	Kctcp	138	Sept. 20, 1972	14	--	101	29	14	--	399	37	20	.6	4.5	--	417	372	678	7.6	7.82	.3	0
803	Kctcp	155	Aug. 27, 1970	16	--	159	61	176	--	426	263	295	1.0	0.4	0.3	1,181	650	1,810	7.5	37.15	3.0	0
803	Kctcp	155	July 19, 1971	16	--	86	58	91	--	397	130	128	.7	0.4	--	705	452	1,108	7.9	30.40	1.8	0
803	Kctcp	155	July 20, 1972	18	--	84	48	86	--	395	113	111	.7	0.4	--	655	407	1,031	7.5	31.48	1.8	0
804	Kctcp	208	July 19, 1972	15	--	84	45	44	--	428	83	35	.6	0.4	--	517	394	805	7.5	19.51	.9	0
903	Kctcp	186	do	18	--	113	28	38	--	400	52	51	.6	26.0	--	523	395	823	7.3	17.22	.8	0
905	Kctcp	127	July 7, 1972	24	--	200	98	127	--	451	84	510	.4	0.4	--	1,265	900	2,100	7.4	23.44	1.8	0
906	Kctcp	119	Sept. 27, 1972	19	--	213	142	356	--	489	800	459	.9	41.0	--	2,270	1,120	2,970	7.6	41.62	4.7	0
05-102	Kctcp	80	Oct. 26, 1964	--	0.1	324	247	210	--	580	670	830	.6	0.9	--	2,568	1,830	5,330	7.0	20.02	2.1	0
103	Kctcp	93	Oct. 23, 1964	--	--	80	28	15	--	379	17	19	.4	1.5	--	347	316	672	7.6	9.39	.3	0
104	Kctcp	84	Oct. 26, 1964	--	--	121	77	54	--	436	30	248	.3	11.0	--	755	620	1,632	7.3	15.95	.9	0
105	Kcho	110	Apr. 4, 1961	--	.1	104	58	64	--	470	62	135	.1	6.0	--	661	500	1,270	7.3	21.84	1.2	0
208	Kctcp	124	July 30, 1965	18	--	88	59	40	--	417	26	129	.3	3.5	--	568	463	1,021	7.3	15.84	.8	0
219	Kctcp	140	July 5, 1972	14	--	14	1	177	--	420	20	26	.5	20.0	--	479	42	740	7.4	90.79	12.3	6.1
402	Kcho	110	Sept. 20, 1971	19	.2	155	107	141	7	454	140	422	.5	0.4	.2	1,217	830	1,990	7.7	26.84	2.1	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

COMANCHE COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
41-05-402	Kcho	110	Sept. 21, 1971	20	..	139	106	132	..	418	146	403	0.4	0.4	..	1,152	780	1,900	7.9	26.83	2.0	0
402	Kcho	110	Sept. 23, 1971	18	..	152	98	130	..	450	144	393	.3	.4	..	1,156	780	1,900	7.7	26.55	2.0	0
404	Kctp	80	May 6, 1970	35	..	102	47	65	..	520	37	87	.7	9.0	..	637	449	1,021	7.4	23.99	1.3	0
405	Kctp	63	do	29	..	64	94	178	..	630	84	229	.9	7.0	..	995	550	1,640	7.5	41.47	3.3	..
410	Kctp	78	June 28, 1972	22	..	153	151	126	..	550	121	490	.4	.4	..	1,334	1,000	2,160	7.1	21.46	1.7	0
502	Kctp	140	July 1, 1965	28	..	63	52	79	..	434	30	102	1.1	15.0	..	583	373	1,010	7.8	31.65	1.7	0
503	Kctp	156	July 9, 1965	17	..	197	32	75	..	372	68	279	.7	17.0	..	868	620	1,540	7.3	20.74	1.3	0
503	Kctp	156	July 16, 1971	18	..	291	37	129	..	410	108	490	.4	13.0	..	1,287	880	2,110	7.5	24.21	1.8	0
503	Kctp	156	Sept. 13, 1972	17	..	340	46	159	..	421	102	650	.4	7.0	..	1,528	1,040	2,530	7.3	25.00	2.1	0
505	Kcho	150	July 5, 1972	13	..	63	18	54	..	309	36	16	.6	0.4	..	352	232	555	7.6	33.68	1.5	0.4
506	Kche	40	July 6, 1972	16	..	128	18	44	..	382	26	97	.3	8.0	..	525	396	800	7.3	19.56	.9	0
601	Kctp	195	Apr. 13, 1971	14	..	115	32	53	2	377	41	121	.4	18.0	..	581	419	980	7.8	21.49	1.1	0
603	Kctp	234	do	15	..	63	22	18	..	266	17	26	.3	17.0	0.1	309	247	519	7.8	13.65	.4	0
604	Kctp	255	July 7, 1972	14	..	94	24	10	..	372	23	13	.4	7.0	..	368	335	610	7.5	6.12	.2	0
701	Kctp	115	Apr. 13, 1971	27	..	71	48	92	..	405	84	109	1.1	.4	.2	631	377	1,019	7.8	34.82	2.0	0
703	Kctp	135	July 7, 1972	15	..	70	43	66	..	418	72	56	.7	.4	..	528	352	868	7.5	28.99	1.5	0
704	Kctp	..	Sept. 20, 1972	15	..	82	63	89	..	427	113	129	.7	2.5	..	704	465	1,128	7.7	29.45	1.7	0
801	Kcho	85	July 1, 1965	11	..	73	82	108	..	500	111	149	.8	.4	..	781	520	1,350	7.8	31.14	2.0	0
901	Kctp	142	Dec. 8, 1959	24	..	84	28	50	3	378	40	62	..	6.0	..	482	324	830	6.7	24.86	1.2	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

COMANCHE COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
41-05-902	Kcrp	118	July 1, 1965	17	--	60	74	145	--	550	77	138	2.8	21.0	--	805	454	1,370	7.9	40.99	2.9	0
906	Kcrp	122	July 2, 1965	23	--	233	119	169	--	560	238	486	1.2	7.0	--	1,551	1,070	2,550	7.3	25.55	2.2	0
06-102	Kche	372	Apr. 13, 1971	13	--	78	23	10	2	344	12	7	.4	.4	--	314	289	522	7.7	6.93	.2	0
501	Kche	250	Sept. 9, 1968	18	--	87	29	19	--	389	42	16	.4	.4	--	403	10	700	7.6	10.94	.4	0
701	Kcho	190	June 30, 1965	14	--	79	25	37	--	353	29	30	.8	15.0	--	403	302	700	7.4	21.15	.9	0
11-302	Kche	204	Sept. 20, 1972	13	--	70	53	40	--	405	64	59	.9	.4	--	499	393	832	7.8	18.06	.9	0
412	Kcrp	482	July 15, 1971	15	--	51	40	91	--	410	85	45	.7	.4	--	529	291	856	7.5	40.42	2.3	.8
412	Kcrp	482	June 19, 1972	15	--	56	42	85	--	411	101	45	.3	.4	--	547	312	852	7.6	37.17	2.0	.4
12-101	Kcgr, Kche	123	Sept. 3, 1946	--	--	62	31	13	--	312	4	36	--	.8	--	300	282	--	--	9.10	.3	0
401	Kche	278	Sept. 19, 1972	16	--	68	32	35	--	389	29	19	.4	.4	--	390	300	645	8.1	20.35	.9	.4
901	Kche	70	Jan. 18, 1960	20	0.4	126	86	141	--	416	183	225	.5	155	--	1,145	668	1,800	7.1	31.46	2.3	0
902	Kche	112	July 15, 1971	27	--	58	44	45	--	390	57	27	.6	.4	--	450	325	718	7.9	23.11	1.0	0
902	Kche	112	July 28, 1972	15	--	62	41	47	--	404	56	28	.6	.4	--	448	325	717	7.5	24.02	1.1	.1
13-101	Kcrp	150	July 8, 1971	16	--	82	43	40	--	414	60	40	.6	3.5	--	488	382	801	7.5	18.57	.8	0
103	Kcrp	145	July 5, 1965	15	--	76	43	43	--	411	62	44	.7	2.0	--	487	368	830	7.4	20.33	.9	0
201	Kcho	160	Sept. 19, 1972	27	--	219	59	149	--	414	301	338	.4	8	--	1,310	790	1,920	7.6	28.97	2.3	0
203	Kcho	121	do	25	--	354	259	289	--	580	423	1,180	.4	.4	--	2,820	1,950	4,170	7.5	24.34	2.8	0
204	Kcho	318	Sept. 27, 1972	15	--	126	95	127	--	520	110	313	.6	1.5	--	1,044	710	1,720	7.5	28.15	2.0	0
301	Kcrp	173	Dec. 9, 1966	--	--	54	19	62	--	254	42	67	.5	15.0	--	384	212	--	--	38.78	1.8	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

COMANCHE COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
41-13 301	Kctp	173	Apr. 5, 1967	--	--	79	11	21	--	245	22	23	0.3	41.0	--	317	243	600	7.8	15.85	0.5	0
301	Kctp	173	Apr. 17, 1968	--	--	67	24	69	--	275	51	86	.5	31.0	--	463	267	930	7.8	36.08	1.8	0
303	Kcho	127	Apr. 13, 1971	16	--	64	48	73	5	416	77	70	.5	.4	--	558	360	906	7.7	30.40	1.6	0
801	Kcho	187	Sept. 19, 1972	17	--	108	68	66	--	495	183	70	.8	4.5	--	760	550	1,046	7.8	20.73	2.8	0
901	Kcho	270	do	14	--	46	37	66	--	345	68	33	.7	.4	--	435	268	718	7.9	34.87	1.2	.3
902	Kche	191	do	16	--	105	43	18	--	442	91	16	.5	.4	--	510	439	793	7.9	8.36	1.8	0
14-102	Kctp	179	Dec. 8, 1959	22	--	150	67	148	6.4	434	334	188	--	13.0	--	1,141	--	1,760	7.0	32.85	2.5	0
102	Kctp	179	June 29, 1965	14	--	83	51	83	--	455	109	71	.6	.4	--	635	415	1,064	7.5	30.22	1.7	0
102	Kctp	179	July 19, 1971	15	--	82	51	76	--	451	109	67	.5	.4	--	622	415	978	7.6	28.51	1.6	0
102	Kctp	179	July 20, 1972	17	--	93	53	88	--	460	134	87	.4	2.0	--	700	449	1,085	7.4	29.84	1.8	0
105	Kctp	155	June 30, 1965	24	--	280	132	219	--	462	630	456	.8	.4	--	1,969	1,240	2,910	7.1	27.73	2.7	0
106	Kcho	182	July 23, 1968	21	--	122	38	114	3	471	110	143	.6	10.0	0.3	793	462	1,300	7.2	34.80	2.3	0
303	Kche	150	June 29, 1965	15	--	80	30	34	3	379	34	32	.5	.4	.3	415	323	713	7.3	18.45	.8	0
303	Kche	150	July 19, 1971	18	--	116	25	46	--	428	38	61	.3	5.0	--	519	392	835	7.6	20.32	1.0	0
303	Kche	150	July 20, 1972	20	--	122	23	49	--	443	37	62	.3	8.0	--	539	400	858	7.3	21.08	1.0	0
701	Kche	335	Sept. 10, 1968	17	--	38	27	82	--	359	57	31	.5	.4	--	429	208	730	7.7	46.42	2.4	1.7
15-302	Kche	298	Nov. 14, 1970	15	--	66	42	18	1	366	24	34	.4	.4	--	380	339	639	8.1	10.36	.4	0
20-202	Kche	120	Sept. 19, 1972	12	--	63	50	20	--	893	63	23	.7	.4	--	420	364	700	7.8	10.70	.4	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

EASTLAND COUNTY

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC	
30-48-201	Kca	29	May 17, 1937	--	--	--	--	--	--	329	74	82	--	--	--	--	--	--	--	--	--	--	--
202	Kca	48	Aug. 7, 1970	23	--	99	22	54	--	133	56	204	0.3	1.5	0.1	525	340	925	6.6	25.81	1.2	0	
301	Kca	30	May 17, 1937	--	--	--	--	--	--	--	67	128	--	--	--	--	--	--	--	--	--	--	--
701	Kca	35	do	--	--	--	--	--	--	244	37	80	--	--	--	--	--	--	--	--	--	--	--
702	Kca	35	do	--	--	--	--	--	--	--	19	37	--	--	--	--	--	--	--	--	--	--	--
703	Kca	14	May 18, 1937	--	--	--	--	--	--	372	10	27	--	--	--	347	--	--	--	--	--	--	--
704	Kca	55	July 19, 1972	10	--	76	10	21	--	312	8	9	.3	.4	--	288	230	478	7.6	16.52	0.6	.4	
801	Kca	20	May 17, 1937	--	--	--	--	--	--	207	67	100	--	--	--	421	--	--	--	--	--	--	--
901	Kca	58	July 14, 1971	16	--	84	19	124	--	350	104	113	1.1	4.5	--	637	289	1,010	7.3	48.38	3.1	0	
901	Kca	58	July 19, 1972	17	--	81	19	123	--	387	98	89	1.2	5.5	--	623	281	978	7.3	49.84	3.1	.7	
902	Kca	63	July 8, 1971	16	--	132	24	156	--	322	140	260	.6	10.0	--	896	432	1,450	7.3	44.21	3.2	0	
902	Kca	63	July 19, 1972	17	--	196	33	215	--	420	209	357	0.6	12.0	--	1,246	620	1,930	7.2	42.80	3.7	0	
56-102	Kca	40	May 18, 1937	--	--	--	--	--	--	--	60	102	--	--	--	--	--	--	--	--	--	--	--
103	Kca	65	Aug. 3, 1972	14	--	102	28	50	--	348	60	81	.5	25.0	--	531	371	865	7.3	22.73	1.1	0	
104	Kca	92	Aug. 7, 1970	14	--	93	24	32	--	393	27	31	.6	17.0	.2	432	332	706	7.5	17.38	0.7	0	
104	Kca	92	July 14, 1971	12	--	102	22	26	--	395	23	33	.3	2.5	--	415	346	688	7.5	14.08	0.6	0	
104	Kca	92	Aug. 8, 1972	15	--	100	27	39	--	393	35	53	.5	17.0	--	479	360	792	7.5	19.04	.8	0	
109	Kca	96	Aug. 3, 1972	13	--	99	30	32	--	393	39	48	.4	13.0	--	467	370	762	7.6	15.81	0.7	0	
401	Kca	90	do	17	--	70	17	44	--	272	27	56	.5	11.0	--	376	244	630	7.2	28.12	1.2	0	

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

EASTLAND COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC		
30-56-404	Kca	44	May 18, 1937	..	..	..	..	..	..	256	95	156	..	..	..	589	..	..	..	..	..	..	..
405	Kca	18	do	..	..	99	70	123	..	732	75	86	..	..	..	813	533	..	..	33.33	2.3	1.3	..
406	Kca	41	May 18, 1937	427	79	96	612
409	Kca	138	July 8, 1965	10	..	91	31	36	..	387	38	54	0.9	0.4	..	451	356	779	7.5	18.09	.8	0	0	
501	Kca	70	July 23, 1968	17	..	114	25	60	3	428	32	87	.5	.4	0.4	549	388	954	7.2	25.02	1.3	0	0	
505	Kca	15	May 18, 1937	409	40	34	445
509	Kca	56	July 7, 1965	29	..	57	9	26	..	146	27	56	.4	10.0	..	286	179	500	6.8	23.98	.8	0	0	
509	Kca	56	Oct. 21, 1969	..	..	90	11	55	8	232	40	142	..	..	..	460	..	860	6.8	29.93	1.4	0	0
512	Kca	42	July 8, 1965	33	..	46	15	399	..	630	167	234	2.0	.4	..	1206	175	1,930	7.5	83.10	13.0	6.7	6.7	
514	Kca	48	do	20	..	145	20	159	..	235	136	314	.7	1.5	..	911	443	1,610	6.9	43.78	3.2	0	0	
516	Kca	135	Aug. 6, 1970	15	..	96	22	43	..	361	26	72	.3	12.0	.2	464	332	780	7.4	22.08	1.0	0	0	
601	Ph	57	May 19, 1937	288	1,240
801	Kca	60	do	250	134	515	1201
804	Kca	80	Aug. 6, 1970	15	..	149	31	57	..	414	43	160	.4	13.0	.2	672	500	1,140	7.4	19.89	1.1	0	0	
804	Kca	80	July 14, 1971	15	..	145	31	57	..	410	46	151	.4	12.0	..	659	489	1,088	7.3	20.21	1.1	0	0	
812	Kca	63	May 17, 1972	16	..	105	19	47	..	414	24	49	.7	12.0	..	476	341	775	7.4	23.11	1.1	0	0	
901	Kca	65	Jan. 10, 1961	19	..	95	23	44	2.7	385	24	57	..	22.0	..	476	..	822	7.1	22.21	1.0	0	0	
901	Kca	65	July 6, 1965	21	..	93	20	32	..	359	24	39	.5	25.0	..	431	317	715	7.3	18.13	.7	0	0	
911	Kca	80	Aug. 3, 1972	20	..	40	10	41	..	173	24	29	.2	22.0	..	271	141	438	7.1	38.75	1.5	0	0	
64-101	Kca	48	May 13, 1937	10	156
201	Kca	24	do	256	28	274	678

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

EASTLAND COUNTY--Continued

State well number	Aquifer	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
30-64-202	Kca	42	Mar. 3, 1969	31	--	492	90	600	--	270	96	1,810	0.4	40.0	--	3,292	1,600	5,340	6.9	44.95	6.5	0
202	Kca	42	July 14, 1971	30	--	520	91	610	--	282	112	1,870	.5	14.0	--	3,386	1,680	5,250	6.9	44.24	6.4	0
202	Kca	42	July 19, 1972	29	--	620	98	690	--	278	105	2,170	.4	14.0	--	3,863	1,960	5,740	7.0	43.49	6.7	0
301	Kca	80	July 23, 1968	17	--	96	23	40	3	295	31	91	.5	16.5	0.1	463	336	806	7.4	20.47	.9	0
303	Kca	90	May 12, 1937	--	--	--	--	--	--	--	127	210	--	--	--	--	--	--	--	--	--	--
304	Kca	41	do	--	--	--	--	--	--	244	217	635	--	--	--	1,501	--	--	--	--	--	--
309	Kca	80	Dec. 12, 1969	--	--	81	7	7	2	247	5	55	--	--	--	278	--	550	--	6.12	.2	0
309	Kca	80	Aug. 6, 1970	21	--	46	10	25	--	201	19	8	.5	18.0	.1	246	155	386	7.1	25.86	.8	.1
309	Kca	80	July 14, 1971	21	--	46	12	27	--	207	19	12	.4	13.0	--	252	164	405	7.0	26.35	.9	.1
309	Kca	80	July 25, 1972	20	--	47	11	24	--	204	19	11	.4	12.0	--	244	161	390	7.1	24.31	.8	0
310	Kca	65	Dec. 12, 1969	--	--	93	10	11	2	287	5	68	--	--	--	330	--	630	7.1	7.98	.2	0
313	Kca	86	Aug. 3, 1972	18	--	83	22	43	--	348	26	37	.8	28.0	--	428	296	690	7.5	23.91	1.0	0
316	Kca	78	Aug. 9, 1972	22	--	53	9	38	--	190	23	43	.6	5.0	--	287	169	485	7.2	32.81	1.2	0
404	Kca	10	May 19, 1937	--	--	--	--	--	--	403	328	2,650	--	--	--	4,939	--	--	--	--	--	--
608	Kca	41	Mar. 14, 1969	18	--	392	73	201	--	306	275	489	1.0	648	--	2,247	1,280	3,090	7.2	25.48	2.4	0
619	Kca	83	Aug. 9, 1972	17	--	95	24	74	--	351	57	94	1.0	18.0	--	552	339	910	7.5	32.40	1.7	0
31-34-303	Kca	26	Apr. 15, 1937	--	--	--	--	--	--	--	10	38	--	--	--	--	--	--	--	--	--	--
501	Kca, Pn	200	Apr. 7, 1937	--	--	--	--	--	--	--	1,298	310	--	--	--	--	--	--	--	--	--	--
601	Kca	56	Apr. 15, 1937	--	--	--	--	--	--	--	111	520	--	--	--	--	--	--	--	--	--	--

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

EASTLAND COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC	
31-35-101	Kca	33	May 4, 1937	..	..	..	..	..	..	..	511	2,260	..	..	..	..	..	..	..	..	..	..	..
302	Kca	40	June 11, 1937	..	..	..	..	..	..	..	67	60	..	..	..	..	..	..	..	..	..	..	..
303	Kca	60	June 2, 1937	..	..	..	..	..	..	..	466	1,135	..	..	..	..	..	..	..	..	..	..	..
401	Kca	34	Apr. 15, 1937	..	..	..	..	..	..	..	1,297	700	..	..	..	..	..	..	..	..	..	..	..
604	Kca	50	Oct. 12, 1965	13	..	30	6	37	..	156	21	16	1.0	3.0	..	203	98	350	7.3	44.70	1.6	0.5	
701	Kca	35	Apr. 16, 1937	..	..	..	..	..	..	..	230	850	..	..	..	..	..	..	..	..	..	..	..
702	Kca	41	Apr. 14, 1937	..	..	..	..	..	..	..	32	58	..	..	..	..	..	..	..	..	..	..	..
901	Kca	22	June 17, 1937	..	..	..	..	..	..	..	119	230	..	..	..	..	..	..	..	..	..	..	..
36-701	Kca	45	do	..	..	..	..	..	..	61	467	950	..	..	..	2,197	..	..	..	..	..	..	..
702	Kca	80	July 22, 1968	13	..	51	6	53	2	192	48	37	.5	2.0	0.1	307	152	520	7.2	42.73	1.8	.1	
702	Kca	80	July 25, 1972	17	..	47	8	46	..	203	30	29	.7	6.0	..	283	149	458	7.4	39.98	1.6	.3	
703	Kca	65	May 19, 1970	15	..	76	11	6	..	279	6	13	.3	.4	..	264	238	464	7.4	5.26	.1	0	
41-101	Kca	50	May 10, 1937	..	..	..	..	..	..	..	79	205	..	..	..	..	..	..	..	..	..	..	..
102	Kca	65	do	..	..	..	..	..	..	..	44	54	..	..	..	..	..	..	..	..	..	..	..
103	Ph	209	do	..	..	..	..	..	..	..	47	415	..	..	..	..	..	..	..	..	..	..	..
301	Kca	24	May 5, 1937	..	..	..	..	..	..	..	96	160	..	..	..	..	..	..	..	..	..	..	..
501	Kca	22	May 10, 1937	..	..	..	..	..	..	354	300	700	..	..	..	1,810	..	..	..	..	..	..	..
701	Kca, Ph	187	May 17, 1937	..	..	..	..	..	..	..	771	590	..	..	..	..	..	..	..	..	..	..	..
701	Kca, Ph	187	Mar. 5, 1969	48	..	59	19	171	..	315	210	88	4.0	.4	..	754	227	1,120	7.7	62.27	4.9	.6	

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

EASTLAND COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC	
31-41-801	Kca	31	May 10, 1937	..	..	..	..	..	..	360	481	970	..	..	..	2,494	..	..	..	..	..	..	..
901	Kca	20	Apr. 27, 1937	..	..	..	..	..	..	..	211	160	..	..	..	..	..	..	..	..	..	..	..
42-201	Kca	30	May 7, 1937	..	..	..	..	..	..	..	197	1,110	..	..	..	..	..	..	..	..	..	..	..
202	Kca	29	Apr. 28, 1937	..	..	..	..	..	..	226	71	225	..	..	..	..	..	..	..	..	..	..	..
203	Kca	9	Apr. 12, 1937	..	..	..	..	..	..	..	78	300	..	..	..	..	..	..	..	..	..	..	..
402	Ph	90	Apr. 27, 1937	..	..	..	..	..	..	..	34	64	..	..	..	..	..	..	..	..	..	..	..
501	Kca, Ph	35	Apr. 28, 1937	..	..	..	..	..	..	134	60	90	..	..	..	336	..	..	..	..	..	..	..
503	Kca	17	Apr. 12, 1937	..	..	..	..	..	..	..	85	170	..	..	..	..	..	..	..	..	..	..	..
510	Kca	36	Mar. 5, 1969	25	..	940	177	2,060	..	322	33	5,200	0.9	0.4	..	8,594	3,080	12,000	6.8	59.31	16.1	0.0	
511	Kca	83	May 21, 1970	22	..	76	12	75	..	299	34	77	.5	20.0	..	463	238	762	7.6	40.56	2.1	.1	
511	Kca	83	Aug. 9, 1972	18	..	152	11	131	..	366	89	225	.3	10.0	..	816	426	1,340	7.5	40.16	2.7	0	
601	Kca	27	Apr. 29, 1937	..	..	..	..	..	..	..	111	760	..	..	..	..	..	..	..	..	..	..	..
602	Kca	43	May 7, 1937	..	..	..	..	..	..	317	83	196	..	..	..	684	..	..	..	..	..	..	..
610	Kca	65	July 23, 1970	29	..	152	15	97	..	393	37	207	.4	3.5	..	734	441	1,230	7.3	32.36	2.0	0	
612	Kca	78	Sept. 29, 1970	17	..	94	6	33	..	181	16	113	.1	5.0	0.1	373	261	663	7.0	21.68	.8	0	
615	Kca	73	July 8, 1971	20	..	351	31	213	..	426	197	640	.2	9.5	..	1,671	1,010	2,580	7.0	31.59	2.9	0	
623	Kca	80	July 18, 1972	7	..	130	10	79	..	242	65	191	.1	.4	..	601	367	1,030	7.1	31.97	1.7	0	
627	Kca	60	do	20	..	254	18	99	..	328	90	385	.1	1.5	..	1,028	710	1,690	6.9	23.32	1.6	0	
713	Kca	58	May 27, 1970	24	..	109	21	35	..	427	32	33	.7	5.0	..	469	359	754	7.5	17.52	.8	0	

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

EASTLAND COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC	
31-42-713	Kca	58	July 15, 1971	27	..	102	24	26	..	411	30	24	0.6	4.0	..	439	355	692	7.7	13.80	0.6	0	
713	Kca	58	July 25, 1972	30	..	108	25	28	..	425	38	32	.6	2.5	..	473	375	732	7.5	14.05	.6	0	
717	Kca	69	Sept. 15, 1970	24	..	620	145	411	..	500	387	1,610	.3	.4	..	3,443	2,140	5,200	7.2	29.43	3.8	0	
723	Kca	64	July 27, 1970	23	..	149	39	141	..	344	147	283	.3	3.5	..	954	532	1,580	7.1	36.56	2.6	0	
724	Kca	61	do	23	..	299	84	217	..	399	184	720	.4	0.4	..	1,723	1,090	2,850	7.1	30.18	2.8	0	
727	Kca	110	July 23, 1970	17	..	82	9	26	..	300	19	19	.3	1.5	..	321	241	531	7.3	18.96	.7	0	
801	Kca	90	Apr. 12, 1937	152	565
802	Kca	13	do	215	765
803	Kca	60	Apr. 12, 1937	100	520
804	Kca	20	May 14, 1937	10	40
806	Kca	65	Oct. 20, 1965	14	..	401	97	278	..	540	254	880	.6	6.5	..	2,196	1,400	3,600	7.0	30.17	3.2	0	
810	Kca	58	July 27, 1970	29	..	73	18	33	..	223	39	62	1.1	10.0	..	374	255	622	7.2	21.88	.8	0	
825	Kca	79	July 29, 1970	22	..	68	12	27	..	194	32	47	.1	21.0	..	328	220	535	7.1	21.14	.7	0	
827	Kca	60	July 28, 1970	23	..	20	3	7	..	62	10	11	.1	.4	..	104	64	161	6.6	19.65	0.3	0	
830	Kca	80	Sept. 15, 1970	38	..	98	14	78	5	306	51	127	.7	1.0	..	563	300	910	7.2	35.48	1.9	0	
836	Kca	63	Feb. 23, 1971	36	..	61	16	149	..	510	48	57	2.1	2.1	..	621	218	943	7.4	59.78	4.3	3.9	
838	Kca	56	do	48	..	85	36	113	..	520	50	84	2.4	16.0	..	690	360	1,032	8.2	40.56	2.5	1.3	
843	Kca	37	July 18, 1972	18	..	88	5	31	..	266	24	42	.1	2.0	..	340	242	558	7.3	21.92	.8	0	
851	Kca	40	July 27, 1972	20	..	123	25	77	..	325	73	163	.5	.4	..	641	410	1,052	7.1	29.01	1.6	0	

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

EASTLAND COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC	
31-42-902	Kca	92	July 22, 1968	18	--	174	10	62	4	351	26	200	0.1	5.5	0.2	672	476	1,186	7.1	21.91	1.2	0	
915	Kca	21	Sept. 23, 1970	18	--	102	19	59	--	311	50	107	.6	5.5	--	514	332	856	7.4	27.83	1.4	0	
43-301	Ph	23	April 16, 1937	--	--	--	--	--	--	445	63	106	--	--	--	620	--	--	--	--	--	--	--
402	Kca	25	Apr. 29, 1937	--	--	--	--	--	--	--	80	295	--	--	--	--	--	--	--	--	--	--	--
403	Kca	16	do	--	--	--	--	--	--	--	63	180	--	--	--	--	--	--	--	--	--	--	--
418	Kca	50	Oct. 13, 1970	21	--	117	14	94	1	393	44	138	.8	2.5	.2	625	349	1,030	7.7	36.82	2.1	0	
470	Kca	55	Oct. 7, 1970	18	--	117	15	63	1	316	28	138	.7	11.0	.2	547	354	935	7.6	27.85	1.4	0	
427	Kca	40	May 25, 1972	18	--	121	13	167	--	378	75	213	.3	19.0	--	812	354	1,350	7.4	50.54	3.8	0	
701	Kca	25	Apr. 29, 1937	--	--	--	--	--	--	220	40	44	--	--	--	305	--	--	--	--	--	--	--
708	Kca	60	July 29, 1970	17	--	105	7	106	--	455	40	73	.3	10.0	--	582	291	938	7.5	44.22	2.7	1.6	
721	Kca	58	Sept. 29, 1970	19	--	110	11	55	--	340	33	75	.6	23.0	.2	493	322	810	7.3	27.23	1.3	0	
721	Kca	58	July 13, 1971	20	--	110	11	54	--	334	33	77	.5	19.0	--	488	320	800	7.3	26.86	1.3	0	
721	Kca	58	Aug. 9, 1972	21	--	109	12	55	--	338	31	77	.5	19.0	--	490	324	815	7.4	27.13	1.3	0	
724	Kca	40	Sept. 28, 1970	19	--	149	19	72	--	392	51	162	.4	13.0	.2	678	450	1,125	7.3	25.82	1.4	0	
725	Kca	54	Oct. 8, 1970	22	--	73	8	26	--	256	18	21	.8	17.0	.1	311	215	510	7.3	20.82	.7	0	
747	Kca	43	May 23, 1972	18	--	68	9	86	--	292	31	66	2.8	19.0	--	443	208	738	7.6	47.50	2.6	.6	
752	Kca	44	May 25, 1972	17	--	105	8	47	--	359	23	48	.2	13.0	--	437	297	730	7.4	25.74	1.1	0	
756	Kca	45	do	25	--	120	19	34	--	271	42	94	.5	53.0	--	520	378	870	7.0	16.37	.7	0	
803	Kca	90	July 22, 1965	17	--	53	2	3	--	134	10	3	.5	27.0	--	181	142	300	7.3	4.43	.1	0	

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

EASTLAND COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC	
31-43-809	Kca	104	July 28, 1970	21	--	151	10	109	--	362	44	223	0.4	6.0	0.1	742	420	1,260	7.1	36.19	2.3	0	
813	Kca	116	July 10, 1970	--	--	127	18	110	3	311	30	218	--	--	--	658	--	1,350	7.2	37.73	2.4	0	
814	Kca	100	do	--	--	139	11	142	4	323	85	260	--	--	--	799	--	1,550	--	43.74	3.1	0	
815	Kca	85	do	--	--	178	12	102	4	366	55	223	--	--	--	753	--	1,475	6.8	30.79	1.9	0	
816	Kca	81	do	--	--	274	18	164	5	366	35	512	--	--	--	1,187	--	2,225	6.9	31.82	2.5	0	
817	Kca	71	do	--	--	244	23	222	8	403	75	534	--	--	--	1,304	--	2,350	7.2	40.35	3.6	0	
821	Kca	92	Sept. 22, 1970	18	--	110	12	88	--	293	46	149	.3	14.0	--	581	327	980	7.4	37.15	2.1	0	
822	Kca	78	do	18	--	96	9	57	--	221	36	122	.2	21.0	--	467	279	799	7.1	30.95	1.4	0	
828	Kca	72	Sept. 24, 1970	16	--	206	20	97	--	360	41	329	.1	8.0	--	894	600	1,550	7.2	26.13	1.7	0	
831	Kca	76	July 13, 1971	20	--	88	6	46	--	305	17	46	.4	8.0	--	381	244	616	7.3	29.06	1.2	.1	
831	Kca	76	July 25, 1972	18	--	86	8	47	--	320	16	45	.3	0.4	--	378	247	623	7.2	29.23	1.2	.2	
838	Kca	77	Oct. 14, 1970	15	--	169	17	68	1	292	41	250	.2	12.0	--	716	491	1,250	7.6	23.08	1.3	0	
901	Kctp	60	Apr. 19, 1937	--	--	--	--	--	--	--	84	340	--	--	--	--	--	--	--	--	--	--	--
902	Kca	27	do	--	--	--	--	--	--	140	67	66	--	--	--	313	--	--	--	--	--	--	--
909	Kca	98	July 10, 1970	--	--	146	18	114	4	290	50	281	--	--	--	755	--	1,450	7.1	35.86	2.3	0	
910	Kca	99	do	--	--	119	12	139	3	323	40	228	--	--	--	699	--	1,300	7.5	46.34	3.2	0	
911	Kca	87	do	--	--	156	13	154	5	323	55	288	--	--	--	829	--	1,600	7.6	42.72	3.1	0	
911	Kca	87	July 8, 1971	17	--	140	12	127	--	326	51	242	.3	14.0	--	763	400	1,290	7.3	40.93	2.7	0	
913	Kctp	65	Aug. 2, 1972	22	--	172	16	122	--	336	63	286	.3	16.0	--	862	495	1,450	7.3	34.90	2.3	0	

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

EASTLAND COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-43-915	Kca	50	Sept. 22, 1970	29	..	121	16	56	..	239	54	140	0.6	34.0	..	568	368	949	7.3	24.88	1.2	0
928	Kca	90	do	21	..	88	15	95	..	346	38	114	.7	10.0	..	551	282	914	7.4	42.35	2.4	0
932	Kca	30	Oct. 13, 1970	18	..	66	15	80	1	299	53	54	.8	36.0	0.1	471	226	756	7.6	43.32	2.3	.3
936	Kca	78	Oct. 14, 1970	15	..	93	16	159	1	421	64	162	.4	15.0	..	732	300	1,200	8.1	53.62	4.0	.9
936	Kca	78	July 13, 1971	19	..	177	17	129	..	328	60	314	.2	11.0	..	890	510	1,500	7.1	35.52	2.5	0
936	Kca	78	July 25, 1972	20	..	173	13	128	..	327	69	293	.2	10.0	..	866	486	1,460	7.1	36.46	2.5	0
940	Kca	90	July 10, 1970	..	..	173	14	81	4	317	25	234	..	..	..	686	..	1,350	7.2	26.27	1.5	0
44-101	Kca	20	June 17, 1937	..	..	..	..	..	..	..	200	830	..	..	..	..	..	..	..	..	..	..
102	Kca	57	do	..	..	..	..	..	..	116	10	32	..	..	..	145	..	..	..	..	..	..
113	Kca	80	Aug. 2, 1972	21	..	311	24	189	..	434	160	541	.3	26.0	..	1485	880	2,370	7.2	31.97	2.7	0
118	Kca	63	Dec. 2, 1970	..	..	194	20	114	3	323	115	305	..	..	..	909	..	1,720	7.2	30.30	2.0	0
119	Kca	61	Sept. 24, 1970	20	..	41	7	66	..	248	21	21	.9	30.0	..	328	131	517	7.4	52.27	2.5	1.4
119	Kca	61	Dec. 2, 1970	..	..	39	9	68	2	226	80	25	..	..	..	334	..	560	7.1	51.93	2.5	1.0
121	Kca	56	Sept. 24, 1970	27	..	92	11	47	..	264	18	98	.6	1.5	..	424	275	707	7.3	27.11	1.2	0
124	Kca	54	Dec. 2, 1970	..	..	551	122	395	7	549	270	1,513	..	..	..	3,290	..	4,200	7.3	31.41	4.0	0
401	Kca	37	June 17, 1937	..	..	..	..	..	..	..	60	415	..	..	..	..	..	..	..	..	..	..
402	Kca	35	Apr. 14, 1937	..	..	..	..	..	..	..	80	185	..	..	..	..	..	..	..	..	..	..
404	Kca	50	Aug. 2, 1972	27	..	160	27	182	..	454	76	310	.8	9.0	..	1,015	510	1,640	7.3	43.68	3.5	0
407	Kcsp	60	do	22	..	48	6	38	..	145	27	47	.2	15.0	..	274	145	448	7.3	36.39	1.3	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

EASTLAND COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-44-412	Kcnp	100	Aug. 2, 1972	23	--	68	10	32	--	156	23	76	0.3	16.0	--	325	210	553	7.2	24.82	0.9	0
416	Kcnp	65	do	20	--	24	3	14	--	68	13	10	.3	21.0	--	138	72	208	7.0	29.65	.7	0
501	Kcnp	125	July 21, 1965	17	--	132	13	114	--	296	71	213	.4	23.0	--	728	382	1,270	7.1	39.31	2.5	0
505	Kcnp	104	July 15, 1971	16	--	180	17	138	--	405	104	265	.3	17.0	--	936	520	1,520	7.0	36.64	2.6	0
505	Kcnp	104	Oct. 18, 1971	18	--	182	19	142	--	403	96	268	.2	23.0	--	946	530	1,550	7.1	36.72	2.6	0
505	Kcnp	104	Oct. 19, 1971	17	--	150	14	94	--	340	59	196	.2	15.0	--	712	434	1,160	7.2	32.13	1.9	0
505	Kcnp	104	Oct. 21, 1971	15	--	130	13	71	--	310	44	155	.1	11.0	--	591	377	1,017	7.2	29.01	1.5	0
506	Kcnp	85	Aug. 2, 1972	21	--	61	5	24	--	127	27	59	.1	10.0	--	269	175	458	6.9	23.20	.7	0
508	Kca	95	do	18	--	95	10	32	--	250	22	72	.1	13.0	--	385	280	654	7.3	20.01	.8	0
515	Kca	56	do	21	--	70	8	35	--	123	29	97	.2	13.0	--	333	209	577	7.1	26.83	1.0	0
601	Kcnp	88	Jan. 17, 1961	18	--	119	13	37	1.9	348	26	80	--	11.0	--	477	350	845	7.0	18.57	.8	0
603	Kcnp	100	Aug. 2, 1972	20	--	102	13	49	--	266	41	97	.4	14.0	--	467	310	772	7.5	25.71	1.2	0
702	Kcho	63	Mar. 10, 1970	--	1.3	369	49	197	7	372	98	830	--	40.4	--	1,786	--	3,200	6.7	27.47	2.5	0
702	Kcho	63	June 24, 1970	16	--	342	45	190	--	364	84	730	.3	23.0	--	1,609	1,040	2,750	7.1	28.46	2.5	0
802	Kcnp	80	Jan. 24, 1961	18	--	111	11	37	2.6	323	19	82	.2	12.0	--	451	322	797	7.2	19.82	.8	0
805	Kcnp	80	July 22, 1968	21	--	88	9	25	3	238	18	57	.3	13.0	0.1	351	259	604	7.5	17.27	.5	0
807	Kcnp	69	Aug. 2, 1972	20	--	70	12	52	--	226	39	67	.4	11.0	--	382	223	623	7.2	33.55	1.5	0
49-201	Kca	10	May 10, 1937	--	--	--	--	--	--	--	43	32	--	--	--	--	--	--	--	--	--	--
701	Kca	31	May 11, 1937	--	--	--	--	--	--	171	12	10	--	--	--	173	--	--	--	--	--	--

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

EASTLAND COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC	
31-49-801	Kca	59	May 11, 1937	--	--	--	--	--	--	--	221	665	--	--	--	--	--	--	--	--	--	--	--
807	Kca	51	July 18, 1972	21	--	362	241	570	--	690	392	1,550	0.6	0.4	--	--	1,900	5,000	7.0	39.55	5.6	0	
808	Kca	63	May 18, 1972	25	--	219	197	433	--	580	333	1,030	1.0	.4	--	--	1,360	3,800	7.3	40.97	5.1	0	
808	Kca	63	July 18, 1972	50	--	203	269	840	--	840	530	1,580	.7	1.5	--	--	1,610	5,330	7.2	53.11	9.0	0	
901	Pn	48	May 20, 1937	--	--	126	199	60	--	671	32	482	--	--	--	--	1,133	--	--	10.33	.7	0	
902	Kca	22	May 11, 1937	--	--	--	--	--	--	--	174	205	--	--	--	--	--	--	--	--	--	--	--
50-101	Kca	75	May 14, 1937	--	--	--	--	--	--	458	108	375	--	--	--	--	--	--	--	--	--	--	--
102	Kca	9	May 11, 1937	--	--	--	--	--	--	543	148	380	--	--	--	1,249	--	--	--	--	--	--	--
107	Kca	--	May 20, 1970	36	--	105	49	176	--	540	128	179	3.4	2.5	--	944	464	1,510	7.6	45.23	3.5	0	
201	Kca	40	Apr. 12, 1937	--	--	--	--	--	--	--	189	465	--	--	--	--	--	--	--	--	--	--	--
51-102	Kca	60	Aug. 2, 1972	27	--	180	27	112	--	405	237	169	.7	.4	--	952	560	1,430	7.4	30.30	2.0	0	
107	Kca	90	July 28, 1970	23	--	252	19	200	--	409	84	488	.3	3.5	--	1,270	710	2,170	7.0	38.09	3.2	0	
201	Kca	100	Jan. 18, 1961	22	--	124	11	68	2.1	205	48	173	--	52.0	--	600	354	1,060	7.2	29.27	1.5	0	
203	Kca	105	July 22, 1965	19	--	115	9	78	--	243	46	172	.4	17.0	--	515	327	1,030	7.1	34.37	1.8	0	
204	Kctp	108	Jan. 28, 1953	20	0.4	352	29	144	--	445	236	476	.1	35.0	--	1,514	997	--	7.0	23.89	1.9	0	
205	Kctp	113	do	16	.1	194	16	79	--	272	71	209	.1	44.0	--	763	550	--	7.1	23.81	1.4	0	
205	Kctp	113	June 1, 1962	--	.1	214	24	75	--	378	48	305	.1	7.7	--	860	635	1,960	6.9	20.49	1.2	0	
206	Kctp	100	Feb. 6, 1946	10	--	226	15	91	13	402	45	311	.0	30.0	--	938	626	--	7.2	23.55	1.5	0	
206	Kctp	100	Jan. 28, 1953	33	.9	195	13	115	--	403	77	259	.1	19.0	--	918	540	--	7.1	31.65	2.1	0	

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

EASTLAND COUNTY--Continued

State well number	Aquifer	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-51-206	Kctp	100	June 1, 1962	..	0.9	230	24	110	..	395	73	360	0.1	15.6	..	1,015	675	2,300	6.9	26.23	1.8	0
207	Kctp	84	do	..	..	260	22	112	..	398	86	380	.1	26.3	..	1,440	740	2,400	6.8	24.78	1.8	0
208	Kctp	120	Feb. 6, 1946	14	.1	181	14	42	..	396	45	147	..	13.0	..	742	509	1,210	7.2	15.23	.8	0
208	Kctp	120	June 1, 1962	..	..	244	21	126	..	415	71	405	.2	28.5	..	1,099	695	2,100	6.9	28.27	2.0	0
209	Kctp	106	do	..	.1	190	22	64	..	373	51	215	.1	27.9	..	754	565	1,800	6.8	19.78	1.1	0
210	Kctp	106	do	..	.3	206	17	98	..	366	51	290	.1	56.0	..	901	585	2,400	6.8	26.74	1.7	0
214	Kctp	68	July 23, 1965	20	..	200	14	83	..	386	38	273	.3	10.0	..	828	556	1,500	7.5	24.49	1.5	0
215	Kca	96	July 26, 1965	21	..	226	14	98	..	375	60	323	.3	11.0	..	937	620	1,660	7.1	25.53	1.7	0
215	Kca	96	July 13, 1972	21	..	217	14	97	..	378	67	295	.3	17.0	..	914	600	1,520	7.4	26.04	1.7	0
217	Kca	100	July 21, 1965	33	..	63	5	55	..	279	24	23	1.1	25.0	..	366	180	580	7.5	40.22	1.7	1.0
218	Kca	60	July 22, 1968	12	..	124	12	53	4	320	33	116	.5	10.5	0.3	522	358	912	7.3	24.06	1.2	0
223	Kctp	106	Sept. 22, 1962	..	.1	165	12	38	..	371	23	150	.1	8.0	..	579	462	1,200	7.5	15.20	.7	0
227	Kca	86	Oct. 15, 1968	3	..	262	14	109	4	362	66	418	.5	2.5	0.2	1,057	715	1,840	7.5	24.86	1.7	0
228	Kctp	75	July 28, 1970	23	..	258	19	121	..	377	175	325	.3	11.0	..	1,117	720	1,800	7.1	26.71	1.9	0
228	Kctp	75	Sept. 10, 1970	..	..	208	13	132	5	384	240	195	..	..	..	981	..	1,600	7.2	33.15	2.4	0
229	Kctp	75	do	..	..	150	15	132	5	147	260	221	..	..	..	855	..	1,500	7.6	39.35	2.7	0
231	Kca	85	July 28, 1970	22	..	190	14	80	..	366	50	236	.3	12.0	0.2	784	530	1,330	7.1	24.65	1.5	0
238	Kca	91	Apr. 11, 1969	..	..	172	27	70	40	311	50	370	..	..	..	979	..	1,550	7.8	20.45	1.3	0
239	Kca	88	Apr. 11, 1969	..	..	160	27	65	40	354	50	315	..	..	..	924	..	1,500	7.4	20.14	1.3	0
239	Kca	88	Nov. 8, 1971	20	..	230	18	123	..	359	67	397	.2	8.0	..	1,039	650	1,770	7.1	29.22	2.1	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

EASTLAND COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-51-239	Kca	88	Nov. 11, 1971	20	--	214	18	132	--	364	70	377	0.2	10.0	--	1,020	610	1,750	7.2	32.07	2.3	0
258	Kca	121	Aug. 2, 1972	18	--	260	17	72	--	315	76	376	.1	3.5	--	977	720	1,650	7.3	17.89	1.1	0
275	Kctp	72	Aug. 3, 1972	20	--	209	18	167	--	411	78	358	.3	20.0	--	1,072	600	1,750	7.3	37.88	2.9	0
301	Kctp	60	Apr. 13, 1937	--	--	--	--	--	--	--	52	128	--	--	--	--	--	--	--	--	--	--
311	Kctp	70	July 27, 1970	24	--	170	19	98	--	390	55	228	.4	8.0	--	794	500	1,330	7.2	29.79	1.9	0
311	Kctp	70	July 13, 1971	23	--	170	16	97	--	366	82	228	.4	9.5	--	805	490	1,280	7.1	30.09	1.9	0
311	Kctp	70	July 13, 1972	24	--	168	16	97	--	366	61	227	.4	11.0	--	784	486	1,280	7.2	30.31	1.9	0
317	Kctp	80	July 23, 1970	23	--	354	33	172	--	428	156	600	.4	13.0	0.1	1,561	1,020	2,540	7.1	26.85	2.3	0
331	Kctp	80	Aug. 20, 1970	--	--	240	13	110	5	342	95	338	--	--	--	969	--	1,650	6.8	26.64	1.8	0
332	Kctp	75	do	--	--	325	24	182	5	360	110	595	--	--	--	1,418	--	2,400	6.9	30.17	2.6	0
335	Kctp	77	do	--	--	321	23	158	5	391	125	545	--	--	--	1,369	--	2,200	6.8	27.59	2.2	0
346	Kctp	79	July 13, 1972	20	--	141	14	61	5	312	35	159	.3	16.0	--	599	411	965	7.4	24.47	1.3	0
347	Kctp	73	do	23	--	183	17	93	--	343	54	269	.4	9.0	--	817	530	1,370	7.4	27.75	1.7	0
506	Kctp	68	July 30, 1970	27	--	149	13	91	--	390	40	163	.4	18.0	--	693	425	1,150	7.1	31.76	1.9	0
506	Kctp	68	July 13, 1972	25	--	162	13	88	--	397	41	180	.4	23.0	--	727	459	1,152	7.4	29.48	1.7	0
52-101	Kctp	90	Apr. 13, 1937	--	--	--	--	--	--	--	48	196	--	--	--	--	--	--	--	--	--	--
57-101	Kca	70	Apr. 2, 1946	16	--	98	46	30	5.6	398	30	105	.0	0.0	--	526	434	98	7.3	12.89	.6	0
104	Kca	70	do	22	0.1	111	30	115	--	426	62	143	.2	35.0	--	728	400	1,260	7.0	38.45	2.5	0
116	Kca	100	May 12, 1937	--	--	--	--	--	--	--	28	108	--	--	--	--	--	--	--	--	--	--

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

EASTLAND COUNTY--Continued

Well	Well bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC	
31-57-117	Kca	85	May 11, 1937	--	--	--	--	--	--	32	76	--	--	--	--	--	--	--	--	--	--	--	--
118	Kca	95	July 14, 1971	20	--	79	30	14	--	367	16	12	0.8	18.0	--	370	323	600	7.4	8.67	0.3	0	
118	Kca	95	July 19, 1972	17	--	74	30	22	--	342	16	28	.6	18.0	--	373	311	615	7.4	13.44	.5	0	
128	Kca	62	Feb. 10, 1971	16	--	210	74	166	--	378	109	530	.6	21.0	--	1,312	830	2,170	7.4	30.35	2.5	0	
133	Kca	78	July 13, 1972	23	--	121	25	97	--	379	64	162	.3	3.5	--	682	406	1,104	7.2	34.26	2.0	0	
136	Kca	90	do	15	--	151	38	72	--	372	43	218	.2	33.0	--	753	530	1,280	7.4	22.70	1.3	0	
137	Kca	70	do	16	--	123	32	67	--	407	38	147	.2	2.0	--	625	442	970	7.7	24.94	1.3	0	
139	Kca	125	July 10, 1972	16	--	78	31	37	--	304	25	82	.3	10.0	--	428	322	722	7.5	19.99	.8	0	
201	Kca	42	May 20, 1937	--	--	--	--	--	--	201	324	815	--	--	--	1,899	--	--	--	--	--	--	--
204	Kca	101	July 18, 1972	17	--	92	28	30	--	354	37	67	.5	2.5	--	448	345	750	7.3	15.91	.7	0	
301	Kca	45	May 20, 1937	--	--	--	--	--	--	317	355	152	--	--	--	1,001	--	--	--	--	--	--	--
302	Kca	60	do	--	--	--	--	--	--	--	249	690	--	--	--	--	--	--	--	--	--	--	--
429	Kca	80	July 8, 1965	14	--	97	18	74	--	468	34	25	1.8	20.0	--	513	316	834	7.4	33.74	1.8	1.3	
436	Kca	90	July 18, 1972	16	--	154	36	83	--	354	68	239	.4	10.0	--	780	530	1,300	7.4	25.32	1.5	0	
545	Kca	112	do	14	--	89	22	53	--	373	22	60	1.0	9.0	--	433	311	742	7.5	26.94	1.3	0	
608	Kca	80	do	36	--	79	84	177	--	620	132	180	2.6	29.0	--	1,024	540	1,580	7.4	41.50	3.3	0	

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

ERATH COUNTY

Well	Water Bearing Unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-37-901	Kctp	60	Feb. 24, 1971	18	--	148	56	42	--	398	221	100	0.5	0.4	--	781	600	1,141	7.9	13.22	0.7	0
38-802	Kctp	60	Mar. 11, 1969	16	--	86	26	36	--	318	35	52	.5	26.5	--	434	323	742	7.4	19.58	.8	0
39-901	Kctp	35	Mar. 6, 1968	--	--	96	60	--	--	147	90	131	--	--	--	--	--	--	7.1	--	--	--
902	Kcho	32	do	--	--	117	94	--	--	193	225	292	--	--	--	--	--	--	7.2	--	--	--
45-701	Kctp	180	Nov. 24, 1970	14	--	94	26	15	1	398	13	20	.5	8.0	--	387	345	642	7.9	8.69	.3	0
46-204	Kctp	396	Sept. 17, 1968	16	--	106	37	30	--	403	105	39	.6	.4	--	532	419	854	7.5	13.54	.6	0
47-402	Kche	392	do	15	1.4	102	50	28	--	416	121	51	.4	.4	--	586	462	918	7.5	11.68	.5	0
48-402	Kctp	150	Oct. 14, 1965	11	--	82	18	9	--	314	22	14	.5	.4	--	311	281	550	7.3	6.56	.2	0
901	Kche	274	July 13, 1971	14	--	79	37	21	--	349	42	39	.3	.4	--	404	350	670	7.5	11.56	.4	0
901	Kche	274	July 26, 1972	15	--	80	36	21	--	356	44	42	.4	.4	--	413	349	690	7.7	11.61	.4	0
52-301	Kctp	118	July 18, 1966	20	--	42	7	25	--	149	20	24	.4	12.0	0.6	224	133	373	7.1	28.93	.9	0
302	Kctp	100	Sept. 14, 1965	16	--	54	10	23	3	142	17	55	.2	12.0	.1	260	177	467	7.0	21.77	.7	0
302	Kctp	100	July 14, 1971	18	--	59	10	25	--	148	20	59	.1	15.0	--	278	189	483	6.7	22.40	.7	0
302	Kctp	100	July 26, 1972	18	--	62	12	29	--	146	26	71	.1	16.0	--	305	205	525	7.0	23.61	.8	0
304	Kctp	130	Sept. 26, 1965	13	--	86	13	23	--	328	9	24	.2	3.0	--	332	270	579	7.4	15.72	.6	0
307	Kctp	107	May 21, 1970	18	--	90	10	25	--	238	20	60	.2	2.5	--	342	264	610	7.1	16.98	.6	0
314	Kctp	110	July 7, 1970	20	--	51	6	19	--	162	16	20	.3	15.0	--	226	153	372	7.1	21.38	.6	0
604	Kctp	80	Sept. 16, 1965	15	--	79	13	31	--	256	20	53	.3	12.0	--	349	251	613	7.3	21.20	.8	0
53-103	Kctp	125	June 19, 1970	16	--	80	13	19	--	273	14	27	.4	17.0	.1	320	253	539	7.7	14.03	.5	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

ERATH COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-53-106	Kctp	135	Sept. 14, 1972	11	--	77	19	32	--	323	19	39	0.3	0.4	--	356	273	606	7.7	20.40	0.8	0
202	Kche	120	Sept. 28, 1965	18	--	101	13	19	--	323	23	37	.3	10.5	--	380	307	660	7.4	11.91	.4	0
203	Kctp	177	Sept. 14, 1972	16	--	114	22	23	--	362	25	56	.3	18.0	--	452	377	765	7.4	11.77	.5	0
210	Kctp	159	June 23, 1970	18	--	99	17	57	--	359	38	66	.6	11.0	0.2	483	315	785	7.5	28.11	1.3	0
302	Kcho	428	Sept. 14, 1972	16	--	100	16	9	--	317	45	13	.2	3.5	--	358	315	585	7.3	5.84	.2	0
403	Kctp	161	do	13	--	80	11	40	--	276	25	53	.3	3.5	--	361	245	625	7.3	26.21	1.1	0
412	Kctp	169	Aug. 1, 1972	20	--	67	7	39	--	133	32	75	.1	33.0	--	338	198	568	7.0	30.21	1.2	0
415	Kctp	128	May 21, 1970	22	--	25	4	14	--	60	15	16	.1	27.0	.1	152	81	245	6.5	27.86	.6	0
415	Kctp	128	July 14, 1971	20	--	74	8	15	--	189	14	41	.1	20.0	--	285	217	472	7.2	13.04	.4	0
415	Kctp	128	July 26, 1972	22	--	64	8	16	--	168	17	36	.1	22.0	--	267	192	440	7.2	15.30	.5	0
426	Kctp	138	Nov. 4, 1969	--	--	49	4	31	4	72	29	85	--	--	--	237	--	550	6.7	31.91	1.1	0
433	Kcho	185	June 16, 1970	14	--	66	16	14	--	278	6	19	.2	1.5	.1	273	232	470	7.8	11.67	.4	0
441	Kctp	110	Aug. 1, 1972	22	--	48	5	29	--	145	20	33	.2	14.0	--	242	140	388	7.1	31.01	1.0	0
442	Kctp	180	Sept. 25, 1969	--	--	72	4	29	4	128	5	125	--	--	--	301	--	530	6.6	23.86	.9	0
447	Kctp	140	Nov. 4, 1969	--	--	47	1	22	4	76	8	73	--	--	--	192	--	445	7.0	27.44	.8	0
503	Kctp	177	July 8, 1970	24	--	132	20	27	--	372	29	91	.2	11.0	.1	517	411	855	7.6	12.48	.5	0
503	Kctp	177	July 14, 1971	24	--	135	24	30	--	377	30	96	.2	12.0	--	536	435	879	7.3	13.03	.6	0
503	Kctp	177	July 14, 1972	27	--	150	23	32	--	382	35	119	.2	19.0	--	593	469	945	7.7	12.92	.6	0
505	Kctp	125	Sept. 14, 1965	12	--	122	27	50	--	339	42	143	.5	13.0	--	576	415	1,050	7.3	20.74	1.0	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

ERATH COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-53-514	Kctp	85	July 17, 1970	15	..	96	23	32	..	349	22	49	0.5	16.0	0.1	425	332	705	7.4	17.24	0.7	0
517	Kctp	110	July 9, 1971	23	..	157	21	47	..	415	40	118	.3	19.0	..	629	477	1,021	7.3	17.61	.9	0
527	Kctp	182	July 7, 1970	16	..	105	21	29	..	390	20	39	.2	7.0	.2	429	349	705	7.5	15.33	.6	0
527	Kctp	182	July 14, 1971	14	..	91	22	21	..	349	17	36	.2	6.3	..	379	319	635	7.4	12.57	.5	0
527	Kctp	182	July 26, 1972	15	..	90	24	21	..	357	20	38	.2	6.0	..	389	325	645	7.6	12.38	.5	0
530	Kctp	150	June 28, 1972	23	..	112	10	23	..	348	22	37	.2	19.0	..	417	323	646	7.3	13.49	.5	0
601	Kche	317	Sept. 15, 1965	13	..	92	19	11	..	356	15	16	.3	0.4	..	341	309	592	7.4	7.21	.2	0
715	Kctp	113	Sept. 16, 1965	17	..	64	8	19	..	209	18	19	.3	22.0	..	270	196	458	7.3	17.66	.5	0
716	Kctp	113	Dec. 2, 1959	21	..	54	5	23	2.6	175	14	22	..	21.0	..	248	154	407	7.0	23.97	.8	0
747	Kctp	145	June 17, 1970	16	..	116	12	52	..	198	36	175	.1	9.0	.1	513	341	916	7.3	25.02	1.2	0
755	Kctp	129	June 28, 1972	17	..	86	10	28	..	272	21	40	.1	18.0	..	353	256	581	7.2	19.23	.7	0
803	Kctp	101	July 8, 1970	16	..	118	32	48	..	376	67	109	.2	0.4	.1	575	428	945	7.8	19.68	1.0	0
806	Kche	180	July 23, 1968	26	..	88	11	21	4	267	18	43	.2	10.5	.2	353	266	595	7.1	14.47	.5	0
902	Kche	150	June 26, 1970	16	..	243	24	63	..	326	95	179	.4	264	.3	1,040	710	1,550	7.4	16.12	1.0	0
54-102	Kche	303	Feb. 24, 1971	15	..	81	24	17	1	353	14	22	.3	3.5	..	351	300	572	7.5	10.90	.4	0
801	Kctp	387	Oct. 7, 1965	12	..	67	26	22	..	327	16	21	.3	0.4	..	325	274	570	7.5	14.86	.5	0
803	Kctp	377	June 27, 1972	14	..	90	26	14	..	381	19	18	.3	1.5	..	370	332	573	7.4	8.41	.3	0
55-103	Kctp	400	Oct. 27, 1965	14	..	78	27	22	..	338	25	27	.4	3.0	..	362	307	625	7.4	13.53	.5	0
108	Kctp	370	Aug. 14, 1944	10	..	74	29	25	..	342	26	36	.4	3.0	..	371	304	..	7.6	15.17	.6	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

ERATH COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-55-108	Kctcp	370	July 16, 1971	16	..	85	32	17	..	370	27	29	0.3	1.5	..	389	345	645	7.5	9.71	0.3	0
202	Kctcp	600	Aug. 13, 1942	..	0.5	80	36	26	..	371	33	46	..	1.0	..	409	348	..	..	13.99	.6	0
203	Kctcp	372	Oct. 27, 1965	14	..	78	29	21	..	349	25	25	.4	3.0	..	367	313	640	7.6	12.70	.5	0
204	Kctcp	351	Aug. 13, 1942	..	..	75	30	23	..	349	26	32	..	2.2	..	359	310	..	..	13.87	.5	0
205	Kctcp	370	Oct. 27, 1965	13	..	88	36	20	..	371	48	34	.4	.4	..	422	368	725	7.6	10.58	.4	0
207	Kctcp	511	Oct. 27, 1965	13	..	76	30	18	..	360	19	22	.4	3.0	..	358	316	630	7.4	11.11	.4	0
304	Kche	360	Oct. 14, 1965	14	..	78	32	17	..	368	28	20	.4	.4	..	370	326	640	7.4	10.18	.4	0
407	Kctcp	408	Oct. 7, 1965	18	..	86	59	108	3	407	187	131	1.1	.4	0.2	793	456	1,300	7.5	33.75	2.1	0
701	Kche	290	Apr. 18, 1961	15	..	74	32	15	3.2	356	21	26	.5	.8	..	362	316	643	6.9	9.24	.3	0
802	Kctcp	420	Nov. 9, 1964	11	.2	80	29	18	..	373	22	20	..	..	..	365	319	637	7.2	10.93	.4	0
802	Kctcp	420	Nov. 14, 1964	14	.2	58	26	33	..	322	19	27	..	..	..	337	251	600	7.2	22.19	.9	0.2
802	Kctcp	420	July 12, 1971	14	..	70	28	17	..	329	19	20	.3	2.0	..	332	289	550	7.7	11.31	.4	0
802	Kctcp	420	July 14, 1972	15	..	82	30	17	..	378	17	21	.3	1.5	..	369	328	612	7.6	10.13	.4	0
805	Kctcp	443	July 12, 1969	12	.3	74	24	20	..	348	10	23	..	..	..	337	285	585	7.7	13.31	.5	0
806	Kctcp	400	Oct. 1, 1969	12	.1	78	26	20	..	372	10	19	..	..	..	348	300	618	7.4	12.60	.5	0
807	Kctcp	428	Aug. 12, 1969	13	.2	75	24	21	..	351	12	23	..	..	..	342	288	603	7.5	13.77	.5	0
809	Kctcp	413	May 25, 1972	16	..	70	30	23	..	349	21	23	.4	1.5	..	356	300	606	7.4	14.37	.5	0
61-202	Kctcp	190	Dec. 1, 1959	18	..	132	13	34	5.4	382	32	74	..	16.0	..	512	383	820	..	15.94	.7	0
202	Kctcp	190	July 14, 1971	17	..	106	12	31	..	321	26	51	.2	12.0	..	413	316	685	7.5	17.68	.7	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

ERATH COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-61-205	Kctp	166	May 14, 1970	15	..	128	16	41	..	253	31	159	0.1	17.0	0.1	531	388	925	7.0	18.80	0.9	0
205	Kctp	166	Aug. 26, 1970	14	..	120	15	40	..	250	29	143	.1	13.0	0.1	497	363	874	7.4	19.41	.9	0
205	Kctp	166	July 14, 1971	15	..	124	16	42	..	246	29	153	.1	14.0	..	514	375	894	7.0	19.58	.9	0
205	Kctp	166	Sept. 13, 1972	17	..	125	16	57	..	220	48	185	.1	10.0	..	566	378	996	7.0	24.71	1.2	0
301	Kctp	188	Dec. 1, 1959	14	..	93	33	18	2.6	330	20	80	8.8	..	..	431	368	794	6.9	9.54	.4	0
301	Kctp	188	Aug. 25, 1965	18	..	108	33	61	..	472	28	92	.4	7.0	..	579	406	1,000	7.4	24.66	1.3	0
601	Kche	400	Sept. 29, 1965	15	..	85	38	18	..	379	65	12	.5	3.0	..	422	367	701	7.6	9.60	.4	0
602	Kche	380	do	13	..	86	32	13	..	395	24	11	.4	.4	..	374	346	640	7.6	7.55	.3	0
62-101	Kctp	436	Jan. 6, 1939	15	0.1	74	38	31	..	406	37	25	.4	.4	..	421	340	..	7.3	16.51	.7	0
101	Kche	436	Jan. 15, 1947	..	..	69	39	26	..	396	35	20	.1	.0	..	383	332	69	..	14.53	.6	0
101	Kche	436	Aug. 13, 1953	15	.1	58	39	39	..	384	38	25	.2	.4	..	404	305	..	7.7	21.75	.9	0.1
102	Kche	350	Jan. 6, 1939	14	.1	78	33	21	..	390	23	23	.4	2.2	..	387	350	..	7.3	12.14	.5	0
102	Kche	350	Aug. 13, 1945	15	.4	79	33	11	4.1	380	22	17	.2	2.2	..	374	332	645	6.9	6.60	.2	0
102	Kche	350	Aug. 13, 1953	16	.1	74	33	13	..	359	27	18	.2	3.5	..	362	320	..	7.7	8.11	.3	0
103	Kctp	412	Sept. 10, 1953	15	.4	70	33	28	..	384	26	21	.4	3.5	..	389	310	..	7.5	16.40	.6	0
104	Kctp	469	Apr. 29, 1959	..	.7	82	28	10	..	366	26	18	.2	1.8	..	353	320	679	7.3	6.36	.2	0
104	Kctp	469	July 14, 1971	14	..	74	28	17	..	368	23	15	.3	1.5	..	353	301	595	7.5	10.98	.4	0
105	Kctp	476	Sept. 10, 1953	12	..	69	33	30	..	366	36	25	.4	2.7	..	388	308	..	7.5	17.48	.7	0
105	Kctp	476	Apr. 29, 1959	..	.1	74	28	10	..	354	25	20	.2	1.1	..	333	300	665	7.2	6.76	.2	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

ERATH COUNTY--Continued

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
31-62-302	Kcsp	252	Feb. 11, 1971	16	--	82	31	13	1	384	20	18	0.3	0.4	--	370	334	607	7.8	7.81	0.3	0
501	Kche	436	July 23, 1968	15	--	84	31	18	3	376	30	18	.3	10.5	0.2	394	338	654	7.5	10.30	.4	0
805	Kche	276	Feb. 11, 1971	16	--	83	30	20	1	365	44	19	.3	.4	--	393	330	628	7.9	11.59	.4	0
63-101	Kche	390	Oct. 5, 1965	14	--	80	38	15	--	394	36	18	.4	.4	--	395	356	680	7.4	8.39	.3	0
502	Kcsp	395	Sept. 14, 1972	15	--	80	38	21	--	398	39	24	.4	.4	--	413	355	694	7.8	11.37	.4	0
701	Kche	294	Feb. 12, 1971	17	--	76	41	20	--	372	50	26	.4	.4	--	413	360	648	7.7	10.82	.4	0
901	Kche	289	July 13, 1971	15	--	89	43	35	--	350	111	47	.4	.4	--	512	400	803	7.6	16.02	.7	0
901	Kche	289	July 26, 1972	16	--	137	71	59	--	367	294	124	.5	.4	--	882	630	1,280	7.7	16.83	1.0	0
101	Kcsp	405	July 13, 1971	16	--	78	34	19	--	370	32	22	.3	.4	--	383	334	634	7.5	10.99	.4	0
101	Kcsp	405	July 26, 1972	16	--	68	37	26	--	355	46	31	.4	.4	--	399	323	652	7.6	14.94	.6	0
301	Kche	353	Sept. 16, 1968	14	--	46	30	37	--	283	59	23	.4	.4	--	348	238	590	7.7	25.25	1.0	0
903	Kcsp	323	Nov. 24, 1970	16	--	48	34	46	--	305	78	25	.4	.4	--	397	260	638	8.0	27.82	1.2	0
32-41-103	Kcsp	146	Oct. 25, 1965	14	--	48	33	93	5	372	92	33	.4	1.5	.2	503	257	810	7.6	43.58	2.5	.9
103	Kcsp	146	July 13, 1971	16	--	53	31	88	--	378	88	35	.4	2.0	--	499	258	782	7.6	42.42	2.3	1.0
103	Kcsp	146	July 26, 1972	16	--	50	32	89	--	379	96	37	.4	.4	--	507	256	795	7.6	43.02	2.4	1.0
49-101	Kcsp	395	June 28, 1972	16	--	69	40	15	--	362	25	31	.4	.4	--	374	338	597	7.6	8.83	.3	0

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

HAMILTON COUNTY

Well	Water bearing unit	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
40-01-401	Kche	355	Nov. 9, 1970	12	--	54	30	44	--	334	51	27	0.5	0.4	0.4	383	260	641	7.7	27.04	1.1	0.3
401	Kche	355	July 16, 1971	15	--	53	32	46	--	348	41	23	.4	.4	--	381	265	625	7.6	27.49	1.2	.4
08-201	Kche	264	Sept. 4, 1968	13	--	58	37	52	--	329	106	30	.4	.4	--	458	299	750	7.6	27.58	1.3	0
301	Kctp	600	Mar. 4, 1959	--	0.1	64	36	24	--	339	48	30	.3	.4	--	370	310	720	7.0	14.50	.5	0
301	Kctp	600	Jan. 12, 1962	14	.5	70	39	31	--	348	63	36	.2	.4	--	429	335	--	7.4	16.75	.7	0
302	Kche	311	Mar. 19, 1946	12	--	68	35	20	9	343	47	27	.2	.0	--	386	314	68	7.4	11.80	.4	0
302	Kche	311	Mar. 17, 1949	16	--	65	39	24	6.8	344	53	29	.4	.0	--	402	322	685	7.4	13.61	.5	0
302	Kche	311	Dec. 15, 1951	16	.2	67	36	44	--	354	67	36	.2	.4	--	442	315	--	7.6	23.29	1.0	0
302	Kche	311	Mar. 1, 1959	--	.1	63	35	25	--	337	48	30	.3	.4	--	368	305	716	6.9	15.29	.6	0
302	Kche	311	Dec. 16, 1959	16	--	67	33	30	4.3	344	50	30	.4	.8	--	400	302	685	7.1	17.46	.7	0
302	Kche	311	May 13, 1963	--	.1	66	35	29	--	348	48	29	.5	.4	--	380	329	750	7.4	16.97	.7	0
41-14-801	Kche	273	Sept. 4, 1968	12	--	29	23	126	--	388	80	33	.9	.4	--	495	167	825	7.8	62.14	4.2	3.0
15-402	Kche	140	Nov. 9, 1970	16	--	110	23	15	--	397	53	18	.3	.4	--	430	371	693	7.3	8.12	.3	0
501	Kctp	210	Jan. 26, 1960	18	--	102	28	43	--	387	104	28	--	.2	0.0	513	370	814	7.2	20.19	.9	0
502	Kche	250	Sept. 27, 1972	16	--	47	34	40	--	375	8	21	.3	.4	--	351	256	607	7.4	25.28	1.0	1.0
702	Kche	100	Nov. 13, 1970	15	--	136	20	12	--	342	104	39	.3	4.0	0.3	498	422	786	7.3	5.83	0.2	0
16-301	Kche	423	Apr. 16, 1970	15	--	43	26	50	--	325	36	20	.5	.4	--	350	215	582	7.6	33.67	1.4	1.0
706	Kche	131	Nov. 13, 1970	10	--	16	9	165	2	399	89	22	.8	2.5	--	512	76	819	8.0	81.86	8.1	5.0
706	Kche	131	July 16, 1971	12	--	15	9	171	--	403	88	19	.8	.4	--	513	73	800	7.8	83.32	8.6	5.1
706	Kche	131	July 28, 1972	13	--	17	8	177	--	415	93	22	.9	1.5	--	536	75	825	7.7	83.63	8.8	5.2

Table 19.--Chemical Analyses of Water from Wells and Springs--Continued

HAMILTON COUNTY--Continued

State well number	Aquifer	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Total hardness as CaCO ₃	Specific conductance (micromhos at 25°C)	pH	Percent sodium	SAR	RSC
41-21-601	Kctp	470	Jan. 25, 1960	14	--	104	9	32	--	313	36	24	0.5	44.0	--	417	296	680	7.1	19.01	0.8	0
22-501	Kche	200	Mar. 19, 1946	12	--	63	24	147	16	411	144	74	.6	2.5	--	685	256	111	7.7	53.63	3.9	1.6
502	Kche	230	Mar. 28, 1960	11	--	16	10	281	--	408	101	174	.8	4.8	--	799	81	1,350	7.5	88.29	13.5	5.0
502	Kche	230	Sept. 3, 1968	10	--	32	22	250	--	407	227	112	1.4	1.0	--	855	170	1,400	7.5	76.15	8.3	3.2
23-301	Kche	600	Mar. 31, 1952	17	1.2	21	13	275	--	415	205	107	1.0	4.9	--	860	106	--	7.6	84.96	11.6	4.6
301	Kche	600	June 19, 1961	--	.5	14	10	282	--	405	146	134	.8	1.6	--	792	79	1,432	7.4	88.96	14.0	5.1
24-103	Kche	400	Nov. 13, 1970	9	--	10	7	250	--	433	149	62	1.1	.4	1.6	703	55	1,117	7.9	91.00	14.8	6.0
401	Kctp	601	Dec. 15, 1948	18	.3	26	14	304	--	397	102	249	.7	.4	--	912	123	--	7.7	84.37	11.9	4.0
401	Kctp	601	Jan. 21, 1952	12	.2	20	13	294	--	415	145	178	.7	.4	--	869	104	--	8.1	86.08	12.5	4.7
401	Kctp	601	Feb. 2, 1960	12	--	15	10	290	6.1	395	136	181	.9	.2	--	845	78	1,430	7.5	87.95	14.2	4.9
401	Kctp	601	June 28, 1961	--	.1	14	10	295	--	414	124	160	.7	.4	--	808	75	1,504	7.8	89.40	14.7	5.2
401	Kctp	601	Mar. 20, 1963	--	.1	15	10	287	--	400	124	190	1.0	.4	--	825	79	1,524	7.7	88.82	14.0	4.9
402	Kche	460	Dec. 26, 1961	--	1.4	14	4	340	--	393	240	121	2.0	.7	--	929	51	1,660	8.0	93.50	20.6	5.4
403	Kche	569	Nov. 14, 1961	--	.7	14	9	316	--	397	149	198	.9	.4	--	889	72	1,640	7.7	90.52	16.2	5.0
404	Kctp	540	July 6, 1961	--	.2	11	7	321	--	420	219	120	2.5	.4	--	889	55	1,610	7.9	92.54	18.6	5.7
404	Kctp	540	May 22, 1963	--	1.8	10	7	315	--	411	239	124	1.7	2.5	--	919	55	1,662	7.8	92.72	18.6	5.6
405	Kche	511	Apr. 17, 1961	9	--	8	5	335	--	460	200	129	--	.0	--	912	39	1,510	7.8	94.73	22.8	6.7