

TEXAS

STATE BOARD OF WATER ENGINEERS

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TOM GREEN COUNTY, TEXAS

Records of wells and springs, drillers' logs, water analyses,
and map showing locations of wells and springs

Work Projects Administration Project 17279

Analyses made and report mimeographed by
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September 1941

TOM GREEN COUNTY, TEXAS

This publication gives the results of an inventory of representative water wells and important springs in Tom Green County. Records of 630 wells and 9 springs are presented in tabular form, each being given a number in the tables and a corresponding number on maps of Tom Green County and a part of the City of San Angelo which accompany the report. Most of the wells listed are used for domestic purposes and stock. In 1940 approximately 80 wells had been drilled in the county to be used exclusively for irrigation, and more than 500 acres of feed crops and truck gardens were irrigated from wells. Most of the irrigation wells are northwest and east of San Angelo within 10 miles of the city and are from 50 to 100 feet deep. Yields up to 300 gallons a minute have been reported. A number of the wells are drilled in pairs and are pumped with a single power unit.

Most of the springs are in the southern part of the county, the largest being Anson Springs (no. 786), $22\frac{1}{2}$ miles south of San Angelo, which has a reported flow of 2,000 gallons a minute. Indian Spring (no. 413), 14 miles northeast of San Angelo, had a discharge of 300 gallons a minute when it was measured in January 1941. Kickapoo Spring (no. 748), $27\frac{1}{2}$ miles southeast of San Angelo, is reported to have a flow of 600 gallons a minute.

Drillers' logs of 21 wells and logs of 38 test holes are included in this release. Analyses of water from 321 wells and springs are given in the table of water analyses on pages 69 to 80. The analyses were made by E. W. Lohr of the Geological Survey and by employees of the Work Projects Administration under the direction of Mr. Lohr and Dr. E. P. Schoch, Director of the Texas Bureau of Industrial Chemistry at The University of Texas.

The inventory was started early in 1938 by B. A. Barnes as a project of the State Board of Water Engineers in cooperation with the United States Department of the Interior, Geological Survey, but was not completed. In August 1940 the work was resumed as a project of the Work Projects Administration with J. C. Dalgarn as project superintendent, under the technical supervision of the Board of Water Engineers and the Geological Survey. The field work was completed February 15, 1941.

The records serve as a guide to land owners, well drillers, and others who need information regarding wells and springs, the depth to ground water in different parts of the county, and the quantity and chemical character of water yielded by the wells and springs.

Records of wells and springs in Tom Green County, Texas
 All wells are drilled unless otherwise noted in "Remarks" column.

No.	Distance from Grand Ave. and Chadbourne St. in San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
d/ 1	1-3/8 miles northwest	M. W. Carter	D. Oliver	Flat	1927	62	10
d/ 2	1 1/4 miles northwest	V. L. Chumley	--	--	--	60	--
d/ 3	1-1/8 mile northwest	Mrs. M. C. Jones	D. Oliver	Flat	1927	60	10
d/ 4	do.	V. L. Chumley	--	do.	1928	60	10
d/ 5	do.	L. L. Chumley	D. Oliver	do.	--	70	10
d/ 6	1 1/4 miles northwest	Elizabeth Woolsworth	--	do.	1927	70	10
d/ 7	do.	Emil Grosshans	--	do.	--	64	8
d/ 8	1-1/8 miles northwest	Paul Wilkerson	--	do.	1927	70	10
d/ 9	do.	Fred Griffin	--	do.	--	70	10
10	1 mile northwest	L. W. Hirshfield	D. Oliver	do.	1927	80	8
d/ 12	1-1/8 miles northwest	-- Smith	do.	do.	--	75	8
d/ 13	1 1/4 miles northwest	B. B. Bledsoe	do.	do.	1927	70	8
d/ 14	do.	Mrs. Frank Findlater	do.	do.	1932	75	8
15	do.	do.	do.	do.	1938	70	5 1/2
d/ 16	1-1/8 miles northwest	R. R. Lowrance	do.	do.	1927	60	8
d/ 17	do.	H. W. Compton	-- Bledsoe	do.	1927	65	8
d/ 18	do.	Elizabeth Woolsworth	--	do.	1939	80	6
d/ 19	do.	Park Holt	--	do.	1925	80	8
d/ 20	1 mile northwest	B. F. Rainey	--	do.	1927	72	8

a/ Measuring point was usually top of casing, top of well curb or top of pipe clamp.
 b/ H, hand; B, bucket; C, cylinder; W, windmill; T, turbine; G, gasoline; E, electric; number indicates horsepower.

See Logs of W. P. A. test wells for all records of test wells
 Chemical analyses of water from these wells are in the table of analyses.

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
1	0.3	42.7	Jan. 22, 1941	C,G	I	Twin wells. Galvanized iron casing to bottom. Reported combined yield, 300 gallons a minute from gravel. Irrigates 20 acres.
2	--	--	1941	T,E	I	
3	--	--	e/ 1941	C,G	I	Twin wells 12 feet apart. Reported combined yield, 200 gallons a minute from gravel. Irrigates 20 acres.
4	0.0	38.4	Jan. 21, 1941	C,E, 10	I	Twin wells 20 feet apart. Galvanized iron casing to bottom. Irrigates 20 acres.
5	0.2	41.8	do.	C,E, 10	I	Twin wells. Galvanized iron casing to bottom. Irrigates 20 acres.
6	1.3	43.2	do.	C,E, 3	I	Galvanized iron casing to bottom. Irrigates orchard.
7	0.2	39.8	do.	C,E, 1 1/2	I	Galvanized iron casing to bottom. Irrigates 10 acres.
8	--	45	e/ 1941	C,E, 10	I	Twin wells. Galvanized iron casing to bottom. Irrigates 5 acres.
9	--	45	e/ 1941	C,E, 10	I	Twin wells 20 feet apart. Galvanized iron casing to bottom. Irrigates 30 acres.
10	1.0	45.6	Jan. 20, 1941	C,E, 7 1/2	I	Twin wells. Galvanized iron casing to bottom. Irrigates 25 acres. Measured drawdown 8 feet after pumping 125 gallons a minute for 4 hours from 1
12	--	45	e/ 1941	T,E, 5	I	Twin wells 20 feet apart. South well used. Galvanized iron casing to bottom. Reported yield, 150 gallons a
13	--	50	e/ 1941	C,E, 10	I	Twin wells 25 feet apart. Galvanized iron casing to bottom. Reported combined yield, 150 gallons a minute. Irrigates 30 acres.
14	--	50	e/ 1941	T,E, 3	I	Galvanized iron casing to bottom. Irrigates 10 acres.
15	0.6	49.8	Jan. 20, 1941	C,N	D,I	Galvanized iron casing to bottom. Irrigates garden.
16	0.5	49.0	do.	C,E, 5	I	Twin wells 25 feet apart. Galvanized iron casing to bottom. Irrigates 5 acres.
17	0.4	49.5	do.	C,E, 7 1/2	I	Twin wells 25 feet apart. Galvanized iron casing to bottom. Irrigates 20 acres. Water from sand and
18	--	45	e/ 1941	T,E, 3	I	Steel casing gravel at 55 to 60 feet. to 70 feet. Irrigates 2 acres.
19	0.3	46.8	Jan. 9, 1941	C,G	D,I	Twin wells 20 feet apart. Galvanized iron casing. Irrigates 10 acres.
20	0.3	44.6	Jan. 21, 1941	C,E, 5	I	Twin wells 20 feet apart. Galvanized iron casing to bottom. Reported combined yield, 125 gallons a minute from gravel. Irrigates 25 acres.

c/ D, domestic; S, stock; I, irrigation; P, public; N, not used.

d/ No water sample collected.

e/ Water level reported.

Records of wells and springs in Tom Green County--Continued

No.	Distance from Grand Ave. and Chadbourne St. in San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
d/ 21	1 mile northwest	O. E. Cauley	-- Gorman	Flat	1938	70	6
d/ 22	7/8 mile northwest	Harry Wright	D. Oliver	do.	1927	62	8
d/ 23	do.	Walter A. Ford	--	do.	--	65	10
d/ 24	3/4 mile northwest	H. Nason	D. Oliver	do.	1930	65	8
d/ 25	do.	Lewis C. Miller	Lewis C. Miller	do.	1930	62	6
d/ 26	do.	Harry Wright	--	do.	--	65	8
d/ 27	7/8 mile northwest	B. F. Rainey	--	do.	1927	70	10
d/ 28	do.	Sam Kistler	--	do.	1927	62	12
d/ 29	do.	O. R. Furgerson	--	do.	--	70	10
d/ 30	do.	do.	--	do.	1927	70	10
d/ 31	do.	D. L. Rainey	--	do.	1920	70	6
d/ 32	1 mile northwest	J. T. Richardson	--	do.	1925	63	8
d/ 33	do.	Ted Bransford	--	do.	1925	80	8
d/ 34	do.	T. D. Rusk	--	do.	1925	80	8
35	do.	R. C. Irving	--	do.	1925	80	8
36	do.	J. S. Bilbo	-- Oliver	do.	1936	80	6
d/ 37	7/8 mile northwest	L. F. Logan	--	do.	1915	80	8
38	do.	Edgar Harris	-- Oliver	do.	1925	80	8
d/ 39	3/4 mile northwest	Barton Craft	--	do.	1925	80	8
d/ 40	5/8 mile northwest	Joe Howard	--	do.	1920	80	8
d/ 41	do.	do.	--	do.	1920	80	8
d/ 42	do.	T. B. Ellison	--	do.	1925	80	8
d/ 43	do.	Robert Rogers	Robert Rogers	do.	1920	80	8
d/ 44	do.	do.	do.	do.	1920	80	8

No.	Height of		Water level		Method of lift	Use of water	Remarks
	measuring point above ground (ft.) a/	Depth below measuring point (ft.)	Date of measurement				
21	0.7	44.5	Jan. 21, 1941	C,G, 1	D,I	Galvanized iron casing to bottom. Irrigates garden.	
22	0.5	42.5	Jan. 20, 1941	C,E, 5	I	Galvanized iron casing to bottom. Irrigates 10 acres.	
23	0.4	42.5	do.	C,G	I	Twin wells 20 feet apart. Galvanized iron casing to bottom. Irrigates 14 acres.	
24	1.0	43.9	do.	C,G	I	Twin wells 20 feet apart. Galvanized iron casing to bottom. Irrigates 5 acres.	
25	0.6	44.5	do.	C,G	I	Twin wells 20 feet apart. Steel casing to bottom. Irrigates 5 acres.	
26	0.2	42.9	do.	C,G, 10	I	Twin wells 20 feet apart. Galvanized iron casing to bottom. Irrigates 5 acres.	
27	0.7	44.6	Jan. 21, 1941	C,E, 7½	I	Twin wells 16 feet apart. Galvanized iron casing to bottom. Reported combined yield, 125 gallons a minute from gravel. Irrigates 20 acres.	
28	0.6	44.9	do.	C,E, 5	D,I	Galvanized iron casing to bottom. Reported yield, 200 gallons a minute from gravel. Irrigates 8 acres.	
29	1.2	44.9	do.	C,E, 5	I	Galvanized iron casing to bottom. Irrigates 5 acres.	
30	0.4	44.6	do.	C,E, 3	I	Three wells together. Galvanized iron casing to bottom. Irrigates 20 acres.	
31	--	45	e/ 1941	C,G	I	Galvanized iron casing to bottom. Irrigates 4½ acres.	
32	0.5	47.0	Jan. 9, 1941	C,G	I	Twin wells 22 feet apart. No casing used. Irrigates 5 acres.	
33	0.0	47.1	do.	C,-	D,I	Twin wells 25 feet apart. No casing used. Irrigates 20 acres.	
34	1.0	47.5	do.	C,G	D,I	Twin wells 25 feet apart. No casing used. Irrigates 6 acres.	
35	0.0	47.1	do.	C,E, 2	I	No casing used. Irrigates 5 acres.	
36	0.8	45.6	Oct. 1, 1940	C,W	D,S	Galvanized iron casing to bottom.	
37	0.2	45.0	Jan. 9, 1941	C,W	D,I	Galvanized iron casing to 20 feet.	
38	0.3	44.6	do.	C,E, 10	I	Twin wells 20 feet apart. Reported yield, 150 gallons a minute. No casing used. Irrigates 20 acres.	
39	--	45	e/ 1941	None	N	Formerly irrigated 20 acres. Not used during 4 years. No casing.	
40	0.2	42.7	Jan. 9, 1941	None	N	Formerly irrigated 1½ acres. Galvanized iron casing to 20 feet. Irrigates 1½ acres. Well 40 is 25 feet north.	
41	0.1	42.8	do.	C,G, 5	I	Galvanized iron casing to 20 feet. Irrigates 1½ acres. Well 40 is 25 feet north.	
42	0.4	42.5	do.	None	N	No casing used. Formerly irrigated 5 acres. Well 41 is 75 feet northeast.	
43	0.2	42.8	do.	None	N	Twin wells 30 feet apart. No casing used.	
44	0.4	42.8	do.	C,-	I	No casing used.	

Records of wells and springs in Tom Green County--Continued

No.	Distance from Grand Ave. and Chadbourne St. in San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
d/ 45	5/8 mile northwest	Robert Rogers	-- Oliver	Flat	--	70	8
d/ 46	do.	do.	--	do.	--	70	8
47	do.	Henry Howard	-- Snow	do.	1920	80	10
d/ 48	do.	do.	-- Oliver	do.	1920	80	8
d/ 49	do.	Mrs. -- Caldwell	--	do.	1925	80	8
d/ 50	do.	Lonnie Reed	D. Oliver	do.	--	60	8
d/ 51	do.	Horace Boyd	--	do.	1927	62	6
d/ 52	do.	Lewis C. Miller	-- Miller	do.	1935	72	6
d/ 53	do.	Fred C. Young	D. Oliver	do.	1936	72	8
d/ 54	do.	Florence Jones	--	do.	--	60	8
d/ 56	do.	John F. Bailey	D. Oliver	do.	1934	60	6
57	3/8 mile west	J. Hulsey	-- Oliver	do.	--	68	--
58	1/4 mile southwest	H. Lochady	--	do.	--	92	8
d/ 59	1/4 mile northwest	Owen E. Slidle	-- Oliver	do.	1936	72	5
60	do.	San Angelo Fair Grounds Assn.	--	do.	--	80	6
d/ 61	1/8 mile northwest	Miss -- Kothmann	--	do.	1920	80	8
d/ 62	do.	W. H. Kirk	John Snow	do.	1912	80	12
63	do.	do.	do.	do.	1912	80	8
64	do.	do.	do.	do.	1913	80	8
d/ 65	do.	do.	do.	do.	1900	80	8
71	1/4 mile northeast	Tom Green County	--	do.	1939	80	6
d/ 72	3/8 mile east	N. D. Bullock	--	do.	1923	90	8
d/ 73	do.	John Kizer	--	do.	--	70	6
d/ 74	do.	E. L. Cole	--	do.	--	83	8
d/ 75	3/8 mile northeast	E. A. Dawson	--	do.	--	65	8

No.	Height of		Water level		Method	Use	Remarks
	measuring point above ground (ft.) a/	Depth below measuring point (ft.)	Date of measurement	of lift b/			
45	0.9	42.8	Jan. 9, 1941	C,E, 5	D,I	Galvanized iron casing to 2 feet. Irrigates 18 acres from 2 wells.	
46	0.4	43.4	do.	C,E, 5	I	No casing used. Well 45 is 30 feet north.	
47	0.8	42.1	do.	C,E, 10	I	No casing used. Irrigates 10 acres from two wells.	
48	1.2	42.6	do.	C,E, 10	I	No casing used. Well 47 is 30 feet south.	
49	0.4	42.6	do.	C,E, 3	I	No casing used. Irrigates 5 acres.	
50	0.8	41.6	Jan. 20, 1941	C,G, 4	D,I	Galvanized iron casing to bottom. Reported yield, 90 gallons a minute	
51	0.7	42.8	do.	C,G, 3	D,I	Galvanized iron casing to bottom. Irrigates garden.	
52	0.2	42.4	do.	C,G	D,I	Galvanized iron casing. Irrigates 5 acres. Irrigates 1 acre.	
53	0.4	42.1	do.	C,E, 3	I	Galvanized iron casing to bottom. Irrigates 4 acres.	
54	--	45	e/ 1941	C,G, 4	I	Galvanized iron casing to bottom. Irrigates 1½ acres.	
56	0.5	35.6	Jan. 22, 1941	C,E, 5	I	Twin wells. Galvanized iron casing to bottom. Reported combined yield, 30 gallons a minute. Irrigates 2½ acres.	
57	--	38	e/ 1940	C,E, 3	D,I	Three wells together. Reported combined yield, 95 gallons a minute.	
58	--	38	do.	C,E, ½	D,P	Galvanized iron casing to 60 feet. Supplies tourist courts.	
59	--	40	do.	C,E, 3	D,I	Galvanized iron casing to 20 feet. Irrigates 1 acre.	
60	0.2	31.0	Feb. 17, 1938	C,E, 3	D,S,P	Galvanized iron casing. Supplies fair ground.	
		41.1	Oct. 1, 1940				
61	--	40	e/ 1941	C,E, 15	I		
62	0.0	39.7	Jan. 9, 1941	None	N	Galvanized iron casing to 6 feet. Formerly used for irrigation.	
63	--	39	e/ 1941	C,E	I	Galvanized iron casing.	
64	0.4	39.2	Jan. 9, 1941	C,W	D,S,I	Galvanized iron casing to 6 feet. Irrigates 1½ acres.	
65	--	--	1941	--	I	Irrigates 1 acre.	
71	--	--	1940	C,E, 3	P	Steel casing to bottom. Supplies Lake-view school.	
72	0.6	43.9	Jan. 8, 1941	C,W	D,I	Galvanized iron casing. Irrigates garden.	
73	0.5	44.3	do.	C,W	D	Galvanized iron casing.	
74	0.7	43.8	do.	C,G, 3	I	Galvanized iron casing to bottom. Irrigates 1 acre.	
75	0.3	41.3	do.	C,W	D	Galvanized iron casing.	

Records of wells and springs in Tom Green County--Continued

No.	Distance from Grand Ave. and Chadbourne St. in San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
d/ 76	3/8 mile northeast	F. A. Payne	--	Flat	1926	64	6
d/ 77	1/2 mile northeast	C. H. Wolf	--	do.	1935	70	6
78	do.	Tom Green County	--	do.	1931	--	6
79	do.	E. Thorp	--	do.	1935	104	6
d/ 81	do.	G. M. Wilson	--	do.	--	60	10
82	do.	do.	--	do.	--	65	8
83	do.	Mrs. -- Upshaw	--	do.	--	69	8
84	5/8 mile northeast	M. L. Woodul	--	do.	--	72	8
85	do.	J. J. Long	--	do.	1928	62	6
86	do.	W. H. Kindred	--	do.	1928	72	6
87	do.	S. B. Wallace	--	do.	1936	65	6
88	do.	H. K. Ray	--	do.	1920	105	6
d/ 89	do.	W. W. Hall	--	do.	1940	65	6
90	do.	H. E. Roach	--	do.	1912	68	5
d/ 91	do.	Joe Thorp	D. Oliver	do.	1927	67	6
92	do.	W. H. Thorp	--	do.	1927	77	6
93	do.	G. Coulter	--	do.	1935	72	6
98	7/8 mile north	E. M. Cochran	-- Kinsey	do.	1925	68	5-1/2
d/ 99	1-1/8 miles northeast	E. E. Lowry	D. Oliver	do.	1941	70	5-1/2
101	7/8 mile southeast	R. P. Cagle	do.	do.	1939	62	5
d/102	do.	Buster Webb	--	do.	--	70	6
d/103	do.	W. E. Marsh	--	do.	--	78	6
d/104	3/4 mile southeast	Edgar Dunn	Edgar Dunn	do.	1940	65	5
d/105	do.	R. P. Cagle	--	do.	1940	60	6
d/106	5/8 mile southeast	R. J. Alexand	--	do.	1925	72	8

No.	Height of measuring point above ground (ft.) a/	Water level Depth below measuring point (ft.)	Date of measurement	Method of lift b/	Use of water c/	Remarks
76	0.5	41.2	Jan. 8, 1941	C,G, 1	D	Galvanized iron casing.
77	0.9	41.5	do.	C,W	D	Do.
78	2.0	40.9	Sept. 30, 1940	None	N	Steel casing. Formerly supplied Lakeview school.
79	0.3	39.3	Jan. 7, 1941	C,W	I	Galvanized iron casing. Irrigates $\frac{1}{4}$ acre.
81	0.1	45.1	Jan. 8, 1941	None	I	Twin wells 20 feet apart. Galvanized iron casing. Irrigates 8 acres.
82	0.7	39.9	do.	C,G, $1\frac{1}{2}$	D,I	Galvanized iron casing to bottom. Irrigates garden.
83	0.9	40.3	do.	C,W	I	Galvanized iron casing. Irrigates $\frac{1}{4}$ acre.
84	0.1	39.7	do.	C,W	I	Galvanized iron casing. Irrigates $1\frac{1}{3}$ acre.
85	0.0	38.0	Jan. 7, 1941	B,H	S	Galvanized iron casing.
86	0.6	39.4	Jan. 8, 1941	C,W	D	Do.
87	0.7	42.8	do.	C,E, $\frac{3}{4}$	I	Galvanized iron casing. Reported yield, 24 gallons a minute. Irrigates $\frac{1}{2}$ acre.
88	2.1	47.3	do.	C,W	D,I	Steel casing to bottom. Reported yield, 12 gallons a minute from gravel. Irrigates 1 acre.
89	1.0	42.7	do.	C,E, $\frac{1}{2}$	D	Galvanized iron casing to 60 feet.
90	0.2	40.3	do.	C,W	D	Galvanized iron casing to bottom.
91	0.6	41.7	Jan. 7, 1941	C,W	D	Galvanized iron casing.
92	0.8	42.2	do.	C,W	D,I	Galvanized iron casing. Irrigates garden.
93	0.7	42.1	do.	C,W	D	Galvanized iron casing to 60 feet.
98	1.0	37.8	Jan. 12, 1941	C,W	D,S,I	Galvanized iron casing to 65 feet. Reported 2 feet drawdown after pumping 2 gallons a minute for 2 hours. Irrigates garden.
99	1.3	36.4	do.	--	--	Galvanized iron casing to bottom. Sand and gravel at 52 feet and sandstone at 66 or at 66-69 feet.
101	1.5	47.8	Jan. 4, 1941	C,G, 1	D	Galvanized iron casing to bottom. Reported yield, 15 gallons a minute
102	0.5	46.6	do.	C,W	D	Galvanized iron casing. from gravel.
103	0.9	47.1	Jan. 6, 1941	C,W	I	Galvanized iron casing to 56 feet. Irrigates $\frac{1}{4}$ acre.
104	2.6	47.7	Dec. 31, 1940	B,H	D	Galvanized iron casing to bottom.
105	--	46.1	Jan. 6, 1941	B,H	D	Do.
106	0.8	45.8	do.	C,W	D,I	Galvanized iron casing. Irrigates garden.

Records of wells and springs in Tom Green County--Continued

No.	Distance from Grand Ave. and Chadbourne St. in San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
107	1 mile southeast	W. R. Perry	--	Flat	--	70	6
d/108	do.	C. F. Stovall	--	do.	--	70	6
109	do.	J. M. McMillan	D. Oliver	do.	1926	65	6
d/110	7/8 mile southeast	B. C. Stovall	-- Oliver	do.	1940	70	5
d/111	do.	J. A. Webb	--	do.	--	75	6
d/112	do.	C. K. Cotton	--	do.	1922	72	6
d/113	do.	S. K. Adams	--	do.	--	70	5
d/114	do.	E. McCrohan	--	do.	--	75	5
d/115	do.	L. A. Stevens	--	do.	--	70	5
d/116	do.	Osha Sellers	--	do.	--	70	6
d/117	do.	H. Parker	--	do.	--	70	6
118	do.	John Goninham	--	do.	--	70	5
119	1 mile southeast	Luke Robinson Est.	--	do.	1900	60	6
d/120	7/8 mile southeast	C. S. Ray	--	do.	--	59	5
d/121	do.	E. L. Johnson	--	do.	1910	73	5
d/122	do.	O. A. Womble	--	do.	--	81	5
d/123	do.	W. T. Mills	--	do.	--	81	5
d/124	do.	C. W. Ross	--	do.	--	77	6
125	do.	A. L. Eaves	--	do.	--	80	5
126	do.	E. R. Rowsey	--	do.	1914	65	5
d/127	do.	J. A. March	--	do.	--	78	6
128	3/4 mile southeast	Mrs. C. Baker	--	do.	1920	90	6
d/129	do.	W. C. Gibbs	--	do.	1920	65	6
d/130	do.	Leonard Young	--	do.	1936	72	5
d/131	do.	John Cunningham	--	do.	1905	67	5
d/132	do.	S. Fry	--	do.	1938	64	5

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point	Date of measurement			
107	--	46.4	Jan. 4, 1941	C,W	D	Galvanized iron casing.
108	0.7	45.2	Jan. 3, 1941	C,W	D	Do.
109	0.9	46.5	do.	C,W	D	Do.
110	1.0	44.1	do.	C,W	D	Galvanized iron casing to 65 feet.
111	0.4	45.4	Jan. 4, 1941	C,W	D	Galvanized iron casing.
112	0.3	45.0	Jan. 3, 1941	C,W	D	Do.
113	--	50	e/ 1940	C,W	D	Do.
114	0.9	48.6	Dec. 30, 1940	C,E, $\frac{1}{2}$	D	Galvanized iron casing to 73 feet.
115	0.9	56.7	do.	C,W	D	Galvanized iron casing to 65 feet. Water from gravel at 60-65 feet.
116	0.4	45.5	do.	C,W	D,I	Galvanized iron casing to 65 feet. Irrigates garden.
117	0.7	48.2	do.	C,W	D	Galvanized iron casing.
118	0.9	43.4	Dec. 31, 1940	C,W	D	Galvanized iron casing to bottom.
119	0.7	43.9	Jan. 1, 1941	C,W	D	Do.
120	0.6	46.7	do.	C,W,G	I	Galvanized iron casing to bottom. Irrigates lawn.
121	0.5	46.3	do.	C,W	D	Galvanized iron casing to bottom.
122	0.6	45.5	Jan. 3, 1941	C,G, 1	D,I	Galvanized iron casing. Irrigates lawn.
123	0.9	46.2	do.	C,W	D	Galvanized iron casing to 20 feet.
124	--	45	e/ 1941	C,W	D	Galvanized iron casing to bottom.
125	0.0	44.9	Jan. 1, 1941	C,W	S	Galvanized iron casing to bottom. Water from sand and gravel at 59 feet.
126	0.6	46.0	do.	C,W	D	Galvanized iron casing to bottom.
127	0.4	48.9	do.	C,W	D	Do.
128	0.9	48.5	do.	C,W	D	Galvanized iron casing.
129	0.3	48.3	Dec. 31, 1940	C,W	D	Galvanized iron casing to bottom.
130	0.7	49.1	do.	C,W	D	Do.
131	0.6	48.6	do.	C,W	D	Do.
132	0.6	48.3	do.	C,W	D	Do.

Records of wells and springs in Tom Green County--Continued

No.	Distance from Grand Ave. and Chadbourne St. in San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
d/134	3/4 mile southeast	H. T. Allard	--	Flat	--	70	5
d/135	do.	-- Kinkade	--	do.	--	70	5
d/136	do.	E. T. Robinson	--	do.	--	57	5
137	do.	H. Dittleman	--	--	--	60	6
138	do.	Joe Hall	--	Flat	--	65	6
139	do.	Jim Thornton	--	do.	--	65	6
d/140	do.	Joe Denton	--	do.	--	80	5
d/145	5/8 mile southeast	W. T. Holden	--	do.	--	60	6
146	do.	L. L. Ingraham	John C. Snow	do.	1916	81	6
d/147	do.	Pearl Bobbins	--	do.	--	70	6
d/148	3/4 mile southeast	Mrs. -- Mitchell	--	do.	--	80	6
d/149	5/8 mile southeast	D. H. Lanford	--	do.	1924	90	5
d/150	7/8 mile southeast	Ed Carrol	--	do.	--	70	6
d/151	3/4 mile southeast	G. N. Chamberlain	--	do.	1900	70	6
d/152	7/8 mile southeast	S. S. Kisler	--	do.	--	71	6
d/153	1 mile southeast	C. L. Mull	--	do.	--	69	6
d/154	do.	M. A. Anger	--	do.	--	70	6
155	do.	E. Hall	--	do.	1906	60	6
d/156	do.	J. A. Green	--	do.	1900	48	6
d/157	1-1/8 miles southeast	J. Nelson	--	do.	--	35	6
d/158	do.	Dr. -- Wide	--	do.	--	38	5
159	1 mile southeast	Mrs. J. Keating	--	do.	--	40	6
160	7/8 mile southeast	F. R. Robinson	--	do.	1922	66	6
d/161	do.	G. C. Jackson	--	do.	1911	79	6
d/162	do.	F. M. Tucker	--	do.	--	60	6
163	3/4 mile southeast	L. P. Cole	--	do.	--	80	5

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
134	0.7	41.8	Dec. 30, 1940	C,W	D	Galvanized iron casing to 60 feet.
135	0.8	50.8	Dec. 31, 1940	C,W	D	Galvanized iron casing.
136	0.9	46.9	Dec. 30, 1940	C,H	D	Galvanized iron casing to bottom.
137	1.9	51.1	Dec. 31, 1940	B,H	D	Galvanized iron casing.
138	0.0	49.7	do.	C,W	D	Galvanized iron casing to bottom.
139	0.7	50.6	do.	C,W	D	Do.
140	0.7	51.1	do.	C,W	D	Do.
145	--	40	e/ 1941	C,W	D,I	Galvanized iron casing. Irrigates lawn.
146	--	60	e/ 1940	C,W	D	Galvanized iron casing to 80 feet.
147	0.5	47.6	Dec. 31, 1940	C,W	D	Galvanized iron casing to bottom. Reported limited supply.
148	1.3	44.4	Jan. 1, 1941	C,W	D,I	Galvanized iron casing to bottom. Irrigates lawn and garden.
149	0.5	43.1	do.	C,W	D	Galvanized iron casing to bottom.
150	0.7	40.3	do.	C,W,G, 2	D	Do.
151	0.5	50.6	do.	C,W	D	Do.
152	0.9	43.6	do.	C,W	D	Do.
153	0.4	40.6	Jan. 3, 1941	C,W	D	Galvanized iron casing.
154	1.2	39.3	do.	C,W	D	Galvanized iron casing to bottom.
155	0.8	33.2	Jan. 7, 1941	C,W	D	Galvanized iron casing to bottom. Reported limited supply.
156	0.4	31.6	do.	C,H	N	Galvanized iron casing to 40 feet. Reported limited supply.
157	0.9	19.0	Jan. 6, 1941	C,W	D	Galvanized iron casing to 20 feet.
158	0.2	21.9	do.	C,H	D,S	Galvanized iron casing to bottom.
159	0.4	25.3	do.	C,W	D	Galvanized iron casing to 20 feet.
160	1.0	35.8	Jan. 7, 1941	C,W	D	Galvanized iron casing.
161	0.6	30.0	do.	C,W	I	Galvanized iron casing to 70 feet. Irrigates lawn.
162	0.2	30.0	do.	C,W	D	Galvanized iron casing.
163	0.3	32.4	Jan. 6, 1941	C,W	D	Do.

Records of wells and springs in Tom Green County--Continued

No.	Distance from Grand Ave. and Chadbourne St. in San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
d/164	3/4 mile southeast	Mrs. -- Rahl	--	Flat	--	65	5
165	do.	E. P. Furgurson	--	do.	--	85	6
d/166	do.	G. W. Powell	--	do.	1915	81	5
d/167	do.	J. L. Willie	--	do.	--	65	6
168	3/8 mile southeast	Muller Miller	--	do.	1922	72	5
d/169	5/8 mile southeast	L. J. Evans	--	do.	--	85	6
d/170	do.	T. D. Bledson	--	do.	--	60	6
171	do.	E. T. Swladell	--	do.	1920	108	6
172	do.	W. D. Langston	--	do.	1900	83	6
d/173	do.	R. L. Hardin	--	do.	--	75	6
d/174	1/2 mile southeast	J. H. Graham	--	do.	--	70	6
175	1/2 mile south	R. S. Atkinson	--	do.	--	75	6
176	3/8 mile south	E. A. Kiser	H. Holt	do.	1938	75	--
177	3/8 mile southeast	Chas. Holster	--	do.	--	75	6
178	do.	J. K. Harris	--	do.	--	60	6
179	do.	I. G. Morrow	--	do.	1935	57	6
180	do.	John T. Barton	--	do.	--	71	6
d/i81	do.	R. L. Boswell	--	do.	--	87	6
d/182	do.	R. Adams	--	do.	--	100	6
183	do.	C. L. Cunningham	--	do.	--	90	5
d/184	do.	Ina Franklin	--	do.	--	88	6
d/185	1/2 mile southeast	Wm. Feint	--	do.	--	80	6
186	do.	W. C. Smoot	W. C. Smoot	do.	1938	76	12

a/ Measuring point was usually top of casing, top of well curb or top of pipe clamp.
 b/ H, hand; B, bucket; C, cylinder; W, windmill; T, turbine; G, gasoline; E, electric; number indicates horsepower.

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
164	0.6	48.8	Jan. 6, 1941	C,W	D	Galvanized iron casing.
165	0.6	47.4	do.	C,W	D	Do.
166	0.0	49.5	Jan. 1, 1941	C,W	D	Galvanized iron casing to bottom.
167	0.9	47.4	do.	C,W	D	Do.
168	1.7	51.0	Dec. 31, 1940	C,W	D	Galvanized iron casing to bottom. Reported limited supply.
169	0.1	65.8	do.	C,W	D	Do.
170	0.9	48.6	Jan. 6, 1941	C,W	N	Galvanized iron casing.
171	0.8	48.3	do.	C,W	D	Do.
172	0.6	44.1	do.	C,W	I	Galvanized iron casing. Irrigates yard.
173	0.8	47.5	do.	C,W	D	Galvanized iron casing.
174	0.6	49.5	do.	C,W	D	Do.
175	0.4	44.1	do.	C,W	D	Galvanized iron casing to 70 feet.
176	1.0	49.4	Sept. 11, 1940	C,W	D,S	
177	1.0	49.6	Jan. 7, 1941	C,W	D	Galvanized iron casing.
178	0.7	48.1	do.	C,W	I	Galvanized iron casing to bottom. Irrigates $\frac{1}{4}$ acre.
179	0.6	46.1	do.	C,W	I	Galvanized iron casing to 55 feet. Irrigates $\frac{1}{2}$ acre.
180	1.0	50.6	do.	C,W	D	Galvanized iron casing.
181	1.8	44.7	do.	C,W	D	Do.
182	0.4	47.2	Jan. 6, 1941	C,W	D	Do.
183	0.5	48.5	do.	C,W	D	Do.
184	1.4	44.4	do.	C,W	D,I	Galvanized iron casing. Irrigates $\frac{1}{3}$ acre.
185	0.8	49.3	Jan. 3, 1941	C,W	D	Galvanized iron casing to bottom.
186	0.7	50.3	do.	C,W	I	Galvanized iron casing to 20 feet. Reported yield, 42 gallons a minute from gravel at 62 feet. Irrigates $\frac{1}{2}$ acre.

c/ D, domestic; S, stock; I, irrigation; P, public; N, not used.

d/ No water sample collected.

e/ Water level reported.

Records of wells and springs in Tom Green County--Continued

No.	Distance from Grand Ave. and Chadbourne St. in San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
d/187	1/2 mile southeast	W. C. Smoot	D. Oliver	Flat	1928	62	6
d/188	do.	Byron Davis	do.	do.	1939	60	5
d/189	do.	D. C. Davis	--	do.	--	92	6
d/190	do.	Mrs. -- Durham	--	do.	--	73	8
d/191	do.	W. M. Rowan	--	do.	--	89	8
d/192	do.	do.	--	do.	--	68	6
d/193	do.	Linn Cox	--	do.	1931	97	6
194	do.	K. Ellis	--	do.	--	70	6
d/195	do.	L. K. Henderson	--	do.	--	65	6

No.	Distance from Water Valley	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
d/211	10 $\frac{1}{2}$ miles southwest	Ike Funk	B. C. Mann	--	1940	1,562	8 $\frac{1}{4}$
d/212	9-3/4 miles southwest	do.	Mays and Simms	--	1935	1,452	12 $\frac{1}{2}$
d/213	5 $\frac{1}{2}$ miles southwest	Harley Turner	Robert E. Penn	--	1926	3,401	15 $\frac{1}{2}$
215	In Water Valley	G. P. Ainsworth	--	Flat	1900	70	6
d/216	5 miles south	Turner Est.	--	Creek bottom	Old	150	5

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
230	20 miles northwest	Jake Z. Harper	--	Flat	--	87	6
d/231	19 miles northwest	-- Wilson	--	--	--	75	5
d/232	18 miles northwest	do.	--	--	Old	80	--

a/ Measuring point was usually top of casing, top of well curb or top of pipe clamp.
 b/ H, hand; B, bucket; C, cylinder; W, windmill; T, turbine; G, gasoline; E, electric; number indicates horsepower.

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
187	0.0	49.1	Jan. 3, 1941	C,W	D	Galvanized iron casing to 60 feet. Reported yield, 15 gallons a minute from
188	0.9	49.0	do.	C,W	D	Galvanized iron casing sand and gravel. to bottom. Reported yield, 5 gallons a
189	0.5	51.4	do.	C,W	I	Gal- minute. Well 187 is 25 feet west.vanized iron casing. Irrigates $\frac{1}{2}$ acre.
190	0.7	46.8	Jan. 6, 1941	C,W	D,I	Galvanized iron casing. Irrigates garden.
191	1.2	50	e/ 1941	C,-	I	Galvanized iron casing. Irrigates $1\frac{1}{2}$ acres.
192	0.8	48.2	Jan. 3, 1941	C,W	I	Galvanized iron casing. Irrigates $\frac{3}{4}$ acre.
193	0.9	47.9	do.	C,W	I	Galvanized iron casing. Irrigates $\frac{1}{2}$ acre.
194	0.9	47.9	do.	C,W	D	Galvanized iron casing to bottom.
195	0.9	48.9	do.	C,W	D	Galvanized iron casing.

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
211	--	--	--	--	--	Oil test. See log.
212	--	--	--	--	--	Do.
213	--	--	--	--	--	Oil test. See partial log.
215	0.6	45.5	Feb. 17, 1938	C,W	D,S	Galvanized iron casing to 20 feet. Reported ample supply.
		45.6	Mar. 27, 1939			
		47.3	Sept. 12, 1940			
216		120	e/ 1940	C,W	D,S	Galvanized iron casing.

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
230	0.7	86.3	Sept. 12, 1940	C,W	D,S	Galvanized iron casing.
231	0.5	63.1	Dec. 3, 1940	C,W	S	Do.
232		30	e/ 1940	C,W	D,S	Reported ample supply.

c/ D, domestic; S, stock; I, irrigation; P, public; N, not used.

d/ No water sample collected.

e/ Water level reported.

Records of wells and springs in Tom Green County--Continued

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
d/ 233	17 miles northwest	A. March	--	Flat	--	80	5
234	18 miles northwest	-- Wilson	--	Creek bank	--	63	5
d/ 235	17 $\frac{1}{2}$ miles northwest	A. March	--	--	--	265	10
d/ 236	15 miles northwest	do.	--	Hill-side	--	90±	5
d/ 237	14 $\frac{1}{2}$ miles northwest	do.	--	--	--	65	--
d/ 238	do.	do.	--	Hill-side	1938	100	5
d/ 239	15 $\frac{1}{2}$ miles northwest	M. A. Cox	--	Flat	1890	65	5
d/ 240	do.	do.	M. A. Cox	do.	1937	55	6
d/ 241	15 miles northwest	M. D. Kennemer	--	Flat	1930	65	5
243	do.	Roy Harris	--	do.	--	60	6
244	14 miles northwest	J. T. Kolb	--	Creek valley	1900	60	5
d/ 245	14 $\frac{1}{2}$ miles northwest	M. D. Kennemer	--	Flat	--	50	5
246	15 miles northwest	Sid. Martin	--	do.	--	60	5
d/ 247	14 $\frac{1}{2}$ miles northwest	do.	--	do.	--	60	5
d/ 248	do.	do.	--	do.	--	62	6
d/ 249	do.	--	--	--	--	80	5
d/ 250	15 miles northwest	-- Little	--	Flat	--	74	--
d/ 251	15 $\frac{1}{2}$ miles northwest	P. S. Little	--	do.	1909	84	5
252	16 miles northwest	M. D. Kennemer	-- Goad	--	1925	140	5
253	do.	do.	--	Hilltop	1938	100	5
d/ 254	do.	-- Wilson	--	Creek valley	--	45	6
d/ 255	16 $\frac{1}{2}$ miles northwest	M. D. Kennemer	--	Hill-side	Old	72	5
256	do.	do.	--	do.	--	85	5
d/ 257	do.	Chas. Harper	--	Flat	1900	90	6

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
233	0.3	56.3	Dec. 3, 1940	C,W	S	Galvanized iron casing to bottom.
234	2.8	35.4	do.	C,W	S	Galvanized iron casing.
235	0.3	59.6	do.	C,W	S	Steel casing.
236	--	--	--	C,W	S	Galvanized iron casing. Reported limited supply.
237	0.9	60.5	Dec. 4, 1940	C,W	D,S	Reported limited supply.
238	0.4	74.0	do.	C,W	D,S	Galvanized iron casing. Reported limited supply.
239	0.5	51.2	Dec. 3, 1940	C,W	D,S	Galvanized iron casing.
240	0.5	29.6	do.	C,G, 1 1/2	S	Galvanized iron casing to bottom. Reported yield, 25 gallons a minute from
241	0	55	e/ 1940	C,W	S	Galvanized iron casing. Irrigates garden. gravel.
243	1.2	53.8	Apr. 7, 1939	C,W	D,S	Do.
		46.9	Oct. 1, 1940			
244	0	50	e/ 1940	C,W	D,S	Do.
245	0.9	37.3	Dec. 2, 1940	C,W	S	Do.
246	1.0	46.6	do.	C,W	D,S	Do.
247	0	40	e/ 1940	C,W	D,S	Do.
248	0.7	49.7	Dec. 2, 1940	C,G, 1	S,I	Galvanized iron casing. Irrigates garden.
249	0	40	e/ 1940	C,W	D,S	Galvanized iron casing.
250	0.0	58.3	Apr. 7, 1939	C,W	N	
		59.8	Oct. 1, 1940			
251	0.4	58.0	Dec. 2, 1940	C,W	D,S	Galvanized iron casing. Water from sand and gravel at 50-55 feet.
252	1.0	125.5	Nov. 29, 1940	C,W	D,S	Galvanized iron casing. Reported limited supply.
253	0.7	72.5	do.	C,W	S	Do.
254	0.0	40.7	Dec. 3, 1940	C,W	S	Steel casing.
255	--	50.1	Nov. 29, 1940	C,W	S	Galvanized iron casing. Reported limited supply.
256	1.3	69.5	do.	C,W	S	Galvanized iron casing. Reported yield, 2 gallons a minute.
257	0.5	39.6	Dec. 4, 1940	C,W	D,S	Steel casing.

Records of wells and springs in Tom Green County--Continued

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
d/258	17 $\frac{1}{2}$ miles northwest	Jake Harper	--	--	1935	90	5
d/259	do.	Chas. Harper	--	--	1910	90	5
260	19 miles northwest	J. S. Harper	--	Flat	--	78	6
270	17 miles northwest	Mrs. C. Clegg	--	do.	--	68?	5
271	do.	State of Texas	T. E. Heskeu	River bank	1938	45	144
d/272	16 miles northwest	-- Clark	Roxana Petroleum Corp.	--	1926	3,065	15 $\frac{1}{2}$
273	In Carlsbad	D. W. Wilson	D. L. Holliday	Flat	1935	60	6
274	15 miles northwest	Tom Green County	--	River bank	1934	48	6
275	do.	Conley Est.	--	River bottoms	--	60	5
276	16 miles northwest	Wedge Turner	--	Valley	--	140	5
d/277	14 $\frac{1}{2}$ miles northwest	do.	--	do.	--	180	--
278	15 miles northwest	Conley Est.	--	Hillside	--	56	5
d/279	do.	do.	--	Flat	--	65	5
280	14 $\frac{1}{2}$ miles northwest	do.	--	do.	--	50	5
281	14 miles northwest	do.	--	do.	--	60	5
d/282	14 $\frac{1}{2}$ miles northwest	Mrs. -- Sparks	--	do.	1920	90	5
d/283	13 $\frac{1}{2}$ miles northwest	J. Wills and Sons	--	do.	Old	75	5
284	13 miles northwest	--	--	do.	1936	80	5
285	do.	J. Butler	--	do.	--	100	6
286	12 $\frac{1}{2}$ miles northwest	Sid. Martin	--	River terrace	--	55	6
287	do.	W. R. Berry	--	River bank	1919	41	5
288	12 miles northwest	H. E. Groves	--	Flat	Old	50	6
d/289	14 miles northwest	M. D. Kennemer	--	Creek bank	--	70	5
290	do.	Fulton Est.	--	Hilltop	--	82	6

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
258	0.6	60.3	Dec. 4, 1940	C,W	S	Galvanized iron casing to bottom.
259	--	--	--	C,W	S	Galvanized iron casing.
260	1.0	55.1	Sept. 12, 1940	C,W	S	Steel casing.
270	0.8	40.5	do.	C,W	D,S	Steel casing. Depth to water was measured while windmill was pumping slowly.
271	0.0	17.3	Sept. 11, 1940	C,E, 15	D	Dug well. Concrete casing. Water from gravel at 17-45 feet. Supplies turberculosis sanatorium.
272	--	--	--	--	--	Oil test. See partial log.
273	--	48.1	Sept. 10, 1940	C,W	D,S	Galvanized iron casing to bottom.
274	0.7	16.4	Feb. 17, 1938	C,W	N	Do.
		16.9	Mar. 27, 1939			
		17.2	Sept. 12, 1940			
275	0.9	36.9	Dec. 5, 1940	C,W	D,S	Galvanized iron casing.
276	0.0	40.2	do.	C,W	D,S	Do.
277	0	110	e/ 1940	C,W	S	
278	0.9	54.2	Dec. 5, 1940	C,W	S	Galvanized iron casing.
279	1.0	40.3	do.	C,W	S	Do.
280	1.2	31.0	do.	C,H	D	Do.
281	0.3	54.8	Dec. 6, 1940	C,W	S	Do.
282	1.0	60.1	do.	C,G, 1	D,S	Galvanized iron casing to bottom.
283	0.2	59.6	Dec. 5, 1940	C,W	D,S	Do.
284	0.6	59.9	Dec. 6, 1940	C,W	D,S	Galvanized iron casing.
285	0.5	67.2	Oct. 1, 1940	C,W	D,S	Galvanized iron casing to 50 feet.
286	0.5	20.1	do.	C,W	D,S	Galvanized iron casing to bottom.
287	0.9	26.5	Dec. 6, 1940	C,W	D,S,I	Galvanized iron casing. Irrigates garden.
288	1.0	31.6	Oct. 1, 1940	C,W	D,S	Galvanized iron casing to bottom. Reported limited supply.
289	0.9	48.6	Dec. 4, 1940	C,W	S	Galvanized iron casing.
290	1.0	47.6	Apr. 7, 1939	C,W	D,S	Galvanized iron casing to 55 feet.
		52.8	Oct. 1, 1940			

Records of wells and springs in Tom Green County--Continued

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
291	14½ miles northwest	M. D. Kennemer	--	Flat	--	109	6
d/292	14 miles northwest	H. C. Moreland	-- Oliver	--	1940	62	--
d/293	13½ miles northwest	G. J. Eskew	--	Flat	--	--	5
d/294	do.	-- Moreland	--	--	Old	65	5
d/295	do.	--	--	Bottom valley	--	80	5
d/296	13 miles northwest	W. C. Haynes	--	--	--	65	5
d/297	12 miles northwest	Brokaw Est.	--	Flat	--	47	48
298	do.	do.	--	do.	--	60	5
d/299	do.	do.	--	Creek bank	1930	50	10
d/310	do.	do.	--	Flat	1930	80	6
311	11½ miles northwest	-- Shaw	--	do.	--	65	5
313	10½ miles northwest	-- Sledge	--	do.	--	65	5
314	11 miles northwest	W. Wnymling	--	do.	--	64	5
d/315	10½ miles northwest	Bob Boyd	--	Creek bottoms	1938	65	5
316	do.	Tom Green County	--	Flat	--	75	5
317	do.	Ernest Groff	--	do.	1911	85	5
d/318	11 miles northwest	do.	--	do.	1909	85	5
d/319	do.	do.	Ernest Groff	--	1908	85	5
320	do.	do.	--	--	1909	85	5
d/321	do.	do.	--	Flat	1915	85	5
322	12 miles northwest	Florence Womack	H. Holt	Slope	1938	200	--
d/323	do.	Longinow Est.	--	--	--	107	--
324	9½ miles northwest	J. M. Teagarden	--	Flat	--	100	6

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
291	0.5	98.6	Nov. 29, 1940	C,W	S	Steel casing. Reported limited supply.
292	0	50	e/ 1940	C,G, 1	D	
293	0.0	45.6	Dec. 4, 1940	C,W	D,S	Galvanized iron casing.
294	1.0	53.8	do.	C,W	D,S,I	Galvanized iron casing. Irrigates garden.
295	--	68.3	do.	C,W	D,S	Galvanized iron casing.
296	0.4	50.4	do.	C,W	D,S,I	Galvanized iron casing. Irrigates garden.
297	2.0	36.4	Dec. 5, 1940	C,W	S	Dug well. Concrete casing.
298	0.8	29.7	do.	C,W	D	Galvanized iron casing.
299	0	40	e/ 1940	C,G	I	Reported yield, 300 gallons a minute.
310	0	45	do.	C,W	D,S	Steel casing.
311	0.5	44.7	Dec. 5, 1940	C,W	D,S	Galvanized iron casing.
313	0.5	53.1	do.	C,W	D,S	Do.
314	0.3	49.7	do.	C,W	D,S	Do.
315	0.0	47.1	do.	C,W	D	Galvanized iron casing to bottom.
316	0.0	55.2	do.	C,W	D	Galvanized iron casing. Supplies Grape Creek school.
317	0.7	56.5	Apr. 5, 1939	C,W	D,S	Galvanized iron casing.
		57.9	Oct. 1, 1940			
		58.1	Dec. 5, 1940			
318	0.9	63.9	Dec. 5, 1940	C,W	S	Galvanized iron casing to bottom.
319	0.0	63.1	do.	C,W,G	D,S,I	Do.
320	0.9	62.6	do.	C,W	D,S,I	Galvanized iron casing to bottom. measured yield, 28 gallons a minute.
321	1.2	64.2	do.	C,W	D,S	Galvanized iron casing to bottom.
322	--	145	e/ 1940	C,W	D,S	Steel casing to bottom, perforated from 140 to 160 feet. Reported limited
323	1.0	84.1	Nov. 28, 1940	C,W	--	Galvanized iron casing. Reported limited supply. supply.
324	1.3	82.8	Oct. 1, 1940	C,W	D,S	Galvanized iron casing.

Records of wells and springs in Tom Green County--Continued

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
326	9½ miles northwest	C. S. Berry	--	Flat	1920	68	8
327	8-¾ miles northwest	A. M. Beaty	E. Oliver	do.	1931	71	6
328	7½ miles northwest	J. E. Hersey	--	--	1900	55	6
330	do.	Mrs. C. E. Williams	--	River bank	1931	45	6
331	5½ miles northwest	Tom Green County	--	Flat	--	60	6
d/ 332	2½ miles northwest	D. Jacobs	--	do.	--	105	8
333	5½ miles northwest	Mrs. -- Williams	--	do.	--	65	6
334	5 miles northwest	J. C. Snow	J. C. Snow	do.	1926	75	6
d/ 335	do.	"M" System Stores	D. Oliver	do.	--	65	8
336	5½ miles northwest	J. Phillips	do.	Slope	1940	60	8
337	5-¾ miles northwest	do.	do.	Ridge-top	1936	60	6
350	4½ miles north	J. M. Rape	--	Flat	--	70	5½
d/ 351	do.	do.	--	do.	--	70	5½
352	4 miles north	F. A. Cook	--	do.	1929	75	6
353	5 miles north	G. I. Marshall	--	do.	1928	77	6
d/ 354	8½ miles north	Llano County	Marland Oil Co.	--	1927	3,505	15½
355	7-¾ miles north	J. Y. Rust	--	Flat	1935	114	6
356	9½ miles north	do.	--	--	1928	75	8
d/ 357	11-¾ miles north	J. R. Rust	--	Hill-side	--	70	5

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point	Date of measurement			
326	0.1	33.3	Feb. 17, 1938	C,G	D,S,I	Twin wells. Galvanized iron casing. Reported yield: east well, 40 gallons a minute; west well, 140 gallons a minute. Struck water at 45 feet.
		34.4	Mar. 17, 1939			
		36.8	Sept. 12, 1940			
327	0.8	43.7	Oct. 1, 1940	C,W	D,S	Galvanized iron casing to bottom. Aquifer at 58-71 feet.
328	1.0	39.6	do.	C,W	D,S	Galvanized iron casing to 42 feet.
330	--	--	--	C,W	D,S	Galvanized iron casing to bottom.
331	0.4	33.9	Feb. 17, 1938	C,W	D,P	Galvanized iron casing. Supplies Pulliam school. Reported limited supply.
		35.3	Mar. 27, 1939			
		37.3	Sept. 9, 1940			
332	1.5	81.5	Sept. 11, 1940	C,G, 1 1/2	D	Galvanized iron casing to 80 feet. Reported limited supply.
333	0.5	38.1	do.	C,W	D,S	Galvanized iron casing to bottom. Reported limited supply.
334	1.0	60.4	do.	T,E, 5	D,P,I	Steel casing to bottom. Reported 15 feet drawdown after pumping 200 gallons a minute for 1 hour. Irrigates 15 acres.
335	0	45	e/ 1941	C,-	I	Twin wells. Supplies swimming pool. Galvanized iron casing to bottom.
336	0.8	45.2	Oct. 1, 1940	C,W	D,S	Galvanized iron casing to bottom.
337	--	--	--	C,W	S	Do.
350	0	60	e/ 1941	C,W	S	Do.
351	1.0	60.0	Jan. 12, 1941	None	N	Galvanized iron casing to bottom. Water reported unfit for domestic use.
352	0.5	49.5	Apr. 4, 1939	C,W	D,S	Galvanized iron casing to bottom.
		58.9	Sept. 30, 1940			
353	0.2	53.0	Apr. 4, 1939	C,W	S	Galvanized iron casing to 50 feet. Reported limited supply.
		63.5	Sept. 30, 1940			
354	--	--	--	--	--	Oil test. See partial log.
355	1.5	93.9	Sept. 30, 1940	C,W	S	Galvanized iron casing.
356	--	37.4	do.	C,W	D,S	Galvanized iron casing. Reported limited supply.
357	1.0	41.8	Nov. 29, 1940	C,W	S	Galvanized iron casing.

Records of wells and springs in Tom Green County--Continued

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
358	11-3/4 miles north	J. R. Rust	Togo Tomerlin	Hill-side	1933	119	5
359	12 miles north	J. Y. Rust, Sr.	--	Creek bottoms	--	90	6
360	13 miles north	Pink Ditmore	Oliver Bros.	Flat	1928	66	6
d/ 361	do.	J. R. Rust	--	Creek bank	--	29	5
362	do.	do.	--	Flat	--	150	5
363	13 1/2 miles north	do.	--	Hill-side	--	35	5
364	14 1/2 miles north	Judge -- Sutton	Oliver Bros.	Flat	1914	35	5
365	14 miles north	do.	do.	do.	--	50	6
d/ 366	14 1/2 miles north	do.	do.	--	--	40	5
380	16 miles northeast	E. Allen	--	Flat	1920	80	8
381	In Orient	Oscar Brown	--	do.	1925	110	6
383	16 miles northeast	L. M. Keeling	--	do.	Old	100	6
d/ 384	17 miles northeast	Mrs. J. S. Holland	Tom Donaldson	Hilltop	1920	120	5 1/2
d/ 385	18 miles northeast	W. A. McGuire	-- Hicks	Flat	1909	180	5 1/2
d/ 386	17 miles northeast	R. E. Curry	Joe Donaldson	do.	--	78	5 1/2
d/ 387	17 1/2 miles northeast	R. L. McGuire	-- Donaldson	do.	1930	70	5 1/2
d/ 388	16 miles northeast	Ed Kiesling	do.	do.	1928	75	5 1/2
389	15 miles northeast	C. Cotton	--	do.	1930	75	--
390	13 1/2 miles northeast	J. H. Herndon	--	do.	--	80	6
391	14 miles northeast	Tom Green County	--	do.	1936	45	--
392	15 1/2 miles northeast	M. S. Winston	--	do.	1900	87	6
393	14 miles northeast	Emil Holub	--	Slope	1938	50	6
394	13 miles northeast	Mrs. E. Conkel	--	Flat	--	90	6
395	12 miles northeast	F. Von Rosenberg	--	do.	Old	100	6

a/ Measuring point was usually top of casing, top of well curb or top of pipe clamp.
 b/ H, hand; B, bucket; C, cylinder; W, windmill; T, turbine; G, gasoline; E, electric; number indicates horsepower.

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
358	1.4	46.2	Nov. 29, 1940	C,W	S	Galvanized iron casing.
359	0.7	64.2	Nov. 28, 1940	C,W	S	Do.
360	0.5	49.1	do.	C,W	D,S	Do.
361	0.0	17.3	Nov. 29, 1940	None	N	Do.
362	0.9	140.7	do.	C,W	S	Galvanized iron casing. Reported limited supply.
363	2.1	15.2	do.	C,W	--	Do.
364	0.5	28.5	Nov. 28, 1940	C,W	S	Do.
365	0.3	24.0	do.	C,W	D,S	Do.
366	0.3	30.0	do.	C,W	D,S	Galvanized iron casing.
380	1.5	47.3	Sept. 30, 1940	C,W	S	Galvanized iron casing to 20 feet. Reported limited supply.
381	1.0	76.2	Mar. 27, 1939	C,W	D,S	Galvanized iron casing to 80 feet. Reported limited supply.
		98.4	Sept. 30, 1940			
383	1.0	97.1	Oct. 2, 1940	C,W	D,S	Galvanized iron casing to 50 feet. Reported limited supply. Depth to water
384	0.7	93.0	Feb. 14, 1941	C,W	D,S	Galvanized iron casing to bottom. <u>measured while pumping.</u>
385	0.5	141.5	do.	C,W	D,S	Galvanized iron casing to 140 feet. Reported limited supply.
386	0.7	30.7	do.	C,W	D,S	Galvanized iron casing to bottom.
387	0.7	55.2	do.	C,G, 3	D,S	Do.
388	0.0	59.8	do.	C,W	D,S	Do.
389	0.5	62.4	Oct. 2, 1940	C,W	D,S	Reported limited supply.
390	1.0	59.3	do.	C,W	D,S	Galvanized iron casing. Reported limited supply.
391	--	--	--	C,W	D,P	Reported limited supply. Supplies rural school.
392	1.0	70.8	Oct. 2, 1940	C,W	--	Galvanized iron casing to 20 feet.
393	1.0	42.5	do.	C,W	D,S	Galvanized iron casing to bottom.
394	1.0	34.1	do.	C,W	D,S	Galvanized iron casing to 60 feet.
395	1.5	44.3	do.	C,W	D,S	Galvanized iron casing.

c/ D, domestic; S, stock; I, irrigation; P, public; N, not used.

d/ No water sample collected.

e/ Water level reported.

Records of wells and springs in Tom Green County--Continued

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
396	13 miles northeast	R. C. Johnson	--	Flat	--	70	6
d/397	14 miles northeast	J. C. Douglas	Joe Donaldson	do.	1941	62	5½
398	14½ miles northeast	H. L. Curry	-- Donaldson	Hillside	1938	85	6
399	do.	Mrs. C. B. Boyer	--	Hilltop	--	90	5½
d/400	do.	do.	--	Hillside	--	69	6
401	do.	Tom Green County	--	--	--	60	5½
d/402	16½ miles northeast	W. D. Allen	--	Slope	Old	50	5½
d/403	17 miles northeast	Mrs. M. Hutton	--	--	--	70	5½
d/404	17½ miles northeast	A. C. Kruger	--	Flat	1915	56	5½
d/405	19½ miles northeast	Tom Green County	--	do.	--	50	5½
d/406	20 miles northeast	F. A. Boll	--	do.	--	50	5½
d/407	19 miles northeast	Donald Martin	--	River flat	--	50	5½
408	18½ miles northeast	Mrs. W. A. Lancaster	--	Flat	1915	60	5½
d/409	18 miles northeast	B. H. Helwig	--	Creek bed	-- Spring	--	--
d/410	17½ miles northeast	do.	--	Creek bottoms	1922	32	5½
d/411	16½ miles northeast	W. A. Strohman	Jim Donaldson	Creek bank	1936	130	5½
413	14 miles northeast	T. C. Chambers	--	Head of creek	-- Spring	--	--
d/414	do.	Concho Club	-- Donaldson	River valley	--	50	5½
d/416	13 miles northeast	-- McPherson	--	Flat	--	35	48
d/417	12 miles northeast	C. W. Byrd	--	do.	1915	80	5½
d/418	11 miles northeast	S. C. Hneeman	--	do.	--	105	5½
d/419	do.	I. Idapiser	--	do.	--	61	5½
d/421	12½ miles northeast	C. J. Horner	-- Snow	Creek valley	1941	80	5½
431	11 miles northeast	Sheffield Est.	--	Flat	--	50	6
432	10 miles northeast	Tom Green County	--	Hilltop	1934	69	6

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
396	1.5	38.0	Oct. 1, 1940	C,W	D,S	Galvanized iron casing.
397	1.5	47.1	Jan. 16, 1941	C,W	D,S	Galvanized iron casing to bottom.
398	--	--	--	C,W	D,S	Galvanized iron casing.
399	1.0	73.6	Jan. 16, 1940	C,W	D,S	Galvanized iron casing to bottom.
400	0.6	60.0	do.	C,W	S	Do.
401	0.9	31.8	do.	C,H	D	Galvanized iron casing to bottom. Formerly supplied rural school.
402	0.0	37.2	Jan. 29, 1941	C,W	D,S	Galvanized iron casing to bottom. Water from gravel.
403	1.0	57.2	do.	C,W	D,S	Do.
404	0	48	e/ 1941	C,W	D,S	Galvanized iron casing to bottom.
405	0.2	43.4	Jan. 29, 1941	C,H	P	Galvanized iron casing to bottom. Supplies rural school.
406	0.3	45.3	do.	C,W	D,S	Galvanized iron casing to bottom.
407	0.0	41.5	do.	C,W	D,S	Galvanized iron casing to bottom. Water from gravel.
408	0.2	48.5	Jan. 15, 1941	C,W	D,S	Galvanized iron casing to bottom.
409	--	--	1941	Flows	S	Reported uniform flow, 5 gallons a minute from sand. Known as 'Helwig' spring.
410	0	10	e/ 1941	C,W	D,S	Galvanized iron casing to bottom.
411	--	109.1	Jan. 15, 1941	C,W	S	Galvanized iron casing to bottom. Reported 14 feet drawdown after pumping
413	--	--	do.	Flows	D,S	Measured 1 gallon a minute for $\frac{1}{2}$ hours. flow, 300 gallons a minute from sandstone. Slight fluctuation. Known as
414	0.0	31.0	Jan. 16, 1941	C,W	D	Galvanized iron casing to bottom. Indian springs.
416	1.8	19.6	Jan. 23, 1941	C,W	D,S	Dug well.
417	0.7	64.7	do.	C,W	D,S	Galvanized iron casing to bottom.
418	0.5	61.6	do.	C,W	D,S	Do.
419	1.6	45.6	do.	C,H	D	Galvanized iron casing.
421	0.4	46.2	Jan. 16, 1941	C,W	D,S	Galvanized iron casing to bottom. Water from sand and gravel at 72 feet.
431	0.5	43.4	Oct. 2, 1940	C,W	D,S	Galvanized iron casing to bottom.
432	1.0	36.5	do.	C,W	D,P	Galvanized iron casing to bottom. Supplies Harriett school.

Records of wells and springs in Tom Green County--Continued

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
d/433	10 miles northeast	A. W. Pusteka	A. W. Pusteka	In draw	--	50	5½
d/434	9¼ miles northeast	Tom Dragoo	--	Ridge-top	--	80	5½
435	In Harriett	F. L. Davis	--	Flat	1929	99	6
436	do.	do.	--	do.	Old	46	6
437	9¼ miles northeast	R. A. McCleery	--	Slope	1925	50	5½
d/438	8¾ miles northeast	M. L. Payne	D. Oliver	--	1920	53	5½
d/439	8½ miles northeast	Mrs. T. S. Payne	--	Flat	1920	103	5½
440	8½ miles northeast	D. D. Miers	--	Ridge-top	1927	65	5½
d/441	7¾ miles northeast	T. E. Clark	--	Flat	1915	65	5½
d/442	7 miles northeast	J. P. Eubanks	D. Oliver	do.	1924	65	5½
450	5½ miles northeast	W. R. Hartwell	--	do.	1930	70	6
451	7¼ miles northeast	Bob Sharp	--	--	1940	38	6
d/452	6½ miles northeast	J. W. Harris	San Angelo Oil & Gas Co.	--	1914	2,605	6-5/8
455	3½ miles northeast	H. L. Crumbley	--	Flat	1936	175	6
457	1½ miles northeast	A. J. Coleman	--	Slope	1927	70	6
461	5 miles east	J. L. Reed	--	Flat	1890	52	--
d/462	6 miles east	C. Kease Est.	--	do.	--	74	5½
463	6½ miles east	do.	--	do.	--	70	5
d/464	7½ miles east	--	--	do.	--	120	6
465	6¾ miles east	E. H. Schuch	--	--	1932	102	6
d/467	7½ miles east	do.	--	Flat	1924	100	10
d/468	do.	do.	--	do.	1924	100	10

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point	Date of measurement			
433	0.4	37.2	Jan. 22, 1941	C,W	D,S	Galvanized iron casing to bottom.
434	0.6	56.7	do.	C,W	D,S	Do.
435	0.4	35.6	Mar. 27, 1939	C,W	D,S	Galvanized iron casing.
		436.9	Oct. 2, 1940			
436	3.0	38.4	Oct. 2, 1940	C,H	S	Galvanized iron casing to bottom.
437	0.5	27.9	Jan. 22, 1941	C,W	D,S	Do.
438	0.5	37.0	do.	C,W	D,S	Do.
439	0	50	e/ 1941	C,W	S	Galvanized iron casing to bottom. Reported limited supply.
440	0.0	53.8	Jan. 22, 1941	C,W	S	Galvanized iron casing.
441	0.0	38.6	do.	C,G, 3	D,S	Galvanized iron casing to bottom. Reported water unfit for domestic use.
442	0	35	e/ 1941	C,W	D,S	Galvanized iron casing to bottom. Reported yield, 2 gallons a minute.
450	0.8	26.2	Feb. 17, 1938	C,W	N	Galvanized iron casing to bottom. Reported limited supply.
		30.5	Mar. 27, 1939			
		29.7	Sept. 30, 1940			
451	4.0	15.6	Sept. 30, 1940	C,W	D,S	Galvanized iron casing to bottom. Water from sand at 20-38 feet. Reported
452	--	--	--	--	--	Oil test. See partial log. limited supply.
455	0.3	156.3	Oct. 2, 1940	C,W	D	Galvanized iron casing to bottom. Water from sandstone at 96-110 feet.
457	0.3	38.3	Apr. 4, 1939	C,G	I	Galvanized iron casing to 65 feet.
		45.7	Sept. 30, 1940			
461	0.9	45.7	Oct. 29, 1940	C,W	D,S	No casing used.
462	0.6	42.2	Jan. 22, 1941	C,W	D,S	Galvanized iron casing to bottom.
463	0	45	e/ 1941	C,W	D,S	Do.
464	0.7	52.5	Oct. 29, 1940	None	I	Steel casing to bottom.
465	0.5	69.7	do.	C,W	D,S	Galvanized iron casing to 90 feet.
467	0	55	e/ 1940	C,G, 8	I	Steel casing to 10 feet. Well 468 is 24 feet north.
468	0.9	54.4	Nov. 19, 1940	C,G, 8	I	Steel casing to 10 feet. Reported yield of the two wells, 250 gallons a minute.

Records of wells and springs in Tom Green County--Continued

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
d/469	7 $\frac{1}{2}$ miles east	Cecil Bacon	--	Flat	--	100	8
d/470	do.	do.	--	do.	--	100	8
d/471	do.	do.	--	do.	--	100	8
d/472	8 miles east	W. H. Lane	--	do.	1928	100	10
d/473	do.	do.	--	do.	1928	90	--
d/474	do.	do.	--	do.	1928	90	8
d/475	8 $\frac{1}{4}$ miles east	Otis Lane	--	do.	1928	90	8
476	8 $\frac{1}{2}$ miles east	Mrs. -- Gay	--	do.	--	85	8
d/477	do.	J. Hagerstein	--	do.	--	90	8
d/478	do.	do.	--	do.	1928	90	8
479	8 $\frac{1}{4}$ miles east	Otis Lane	--	do.	1928	90	--
d/480	8 $\frac{1}{2}$ miles east	do.	--	do.	1928	90	10
d/481	do.	H. C. Hurd	--	do.	1928	90	8
d/482	9 $\frac{1}{4}$ miles east	Mat Johnson	--	do.	1928	85	8
483	9 $\frac{1}{2}$ miles east	A. F. Schumm	--	do.	1924	125	8
d/484	10 miles east	Chas. Bubenik	--	do.	1928	90	8
d/485	do.	do.	--	--	1928	90	8
486	9 $\frac{1}{2}$ miles east	N. E. Lester	R. Medlock	Flat	1925	86	8
d/487	do.	do.	--	do.	--	86	8
488	8 $\frac{1}{2}$ miles east	M. D. Palmer	--	do.	1924	65	5
d/489	8 $\frac{3}{4}$ miles east	E. Hoover	-- Oliver	do.	1928	115	10
490	do.	do.	do.	do.	1928	90	10
d/491	10 miles east	H. Mazier	--	do.	--	80	8
d/492	do.	do.	--	do.	--	80	8

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
469	0	55	e/ 1940	C,G	I	No casing used. Well 470 is 14 feet north.
470	0.0	53.2	Nov. 19, 1940	C,G	I	Cased to 10 feet.
471	0	55	e/ 1940	C,G	I	No casing used with wells 470 and 469, 14 and 28 feet south, all use power from
472	0.5	58.4	Nov. 19, 1940	C,G, 14	I	Twin wells 20 feet apart. a line shaft. Galvanized iron casing to 10 feet.
473	0.0	55.7	do.	C,G	I	Well 474 is 20 feet east.
474	0.0	55.7	do.	C,G	I	No casing used. Reported combined yield, 200 gallons a minute. Power from same
475	0	60	e/ 1940	C,G	I	Twin wells. Reported line shaft. combined yield, 250 gallons a minute.
476	0.0	60.8	Nov. 19, 1940	--	I	Twin wells 15 feet apart. No casing used.
477	0.0	59.7	do.	C,G	I	Twin wells 20 feet apart. Reported combined yield, 200 gallons a minute. No
478	0.0	58.5	do.	C,G	I	Twin wells 20 feet apart. casing used. Galvanized iron casing to 10 feet. Reported combined yield, 200 gallons a
479	0.6	55.2	Nov. 19, 1940	T,E, 7½	I	No casing used. Well 480 is minute. 15 feet west.
480	1.0	56.2	do.	None	I	No casing used.
481	0	60	e/ 1940	C,-	I	Twin wells 20 feet apart. No casing used.
482	0	60	do.	C,G	I	Twin wells. Reported combined yield, 200 gallons a minute. Irrigates 12
483	0	45	e/ 1940	T,E, 7½	I	Steel casing to bottom. acres. Reported yield, 300 gallons a minute.
484	0.3	64.2	Nov. 19, 1940	C,G, 10	I	Galvanized iron Irrigates 20 acres. casing to 9 feet. Well 485 is 40 feet
485	0	65	e/ 1940	C,G, 10	I	Galvanized iron casing to southeast. 10 feet. Reported combined yield with well 484, 200 gallons a minute.
486	0	80	do.	C,G, 10	I	Steel casing. Well 487 is 30 feet west.
487	0	80	do.	C,G, 10	I	Steel casing. Reported combined yield with well 486, 200 gallons a minute.
488	1.1	57.0	Oct. 31, 1940	C,W	D,S	Galvanized iron casing to bottom.
489	0.4	55.9	Nov. 19, 1940	None	N	Galvanized iron casing to 6 feet. Water from sand and gravel at 90-101 feet.
490	--	59.6	do.	C,W	D,S	Galvanized iron casing to 10 feet. Reported yield, 100 gallons a minute from sand and gravel. Irrigates garden.
491	0.0	57.6	Nov. 18, 1940	C,G	I	Galvanized iron casing. Reported yield, 200 gallons a minute. Well 492 is 30
492	0.0	57.7	do.	C,G	I	Steel casing. Reported feet north. yield, 200 gallons a minute. Used in conjunction with well 491.

Records of wells and springs in Tom Green County--Continued

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
d/493	10 miles east	Otto Rubenik	--	Flat	1924	86	8
d/494	do.	do.	--	do.	1924	92	8
495	10 $\frac{1}{2}$ miles east	Mika Bros.	--	do.	Old	60	5
d/496	11 miles east	E. L. Mika	-- Medlock	do.	1928?	98	8
d/497	11 $\frac{1}{2}$ miles east	C. E. Mayes	--	do.	1924	50	8
498	do.	do.	--	do.	1928	55	8
d/499	do.	do.	--	do.	--	50	8
500	13 $\frac{1}{2}$ miles east	J. S. Powell	--	do.	1938	80	5
501	13 miles east	J. P. Johnson	--	do.	Old	60	6
520	11 miles east	Tom Green County	--	do.	--	--	5
d/521	do.	W. J. Sullivan	-- Snow	do.	1928	100	5 $\frac{1}{2}$
d/522	12 miles east	G. L. Weatherford	--	do.	--	90	5 $\frac{1}{2}$
523	12 $\frac{1}{2}$ miles east	Walter Timm	--	do.	Old	75	6
525	15 miles east	R. W. Whitfield	J. W. Bennett & Son	do.	1906	87	6
526	16 $\frac{1}{2}$ miles east	Henderson Est.	--	do.	Old	80	5
d/527	do.	Henry Smith	--	do.	Old	65	5 $\frac{1}{2}$
d/528	do.	do.	Gorman Bros.	do.	1928	75	5 $\frac{1}{2}$
529	17 miles east	R. O. Werner	Fred Gorman	do.	1937	61	5 $\frac{1}{2}$
530	16 $\frac{1}{2}$ miles east	C. O. Meadors	--	do.	--	70	5 $\frac{1}{2}$
531	19 miles east	Dale Campbell	--	do.	--	60	5 $\frac{1}{2}$
532	In Mereta	Tom Green County	--	do.	--	38	6
533	18 miles east	C. T. Dawson	-- Holmsley	do.	1927	38	5
534	17 $\frac{1}{2}$ miles east	W. L. Griffith	--	do.	1920	48	4

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
493	0	60	e/ 1940	C,G	I	Galvanized iron casing to 6 feet. Reported yield, 200 gallons a minute from sand and gravel. Well 494 is 30
494	0	60	do.	C,G	I	Galvanized iron casing to 6 feet north. Reported yield, 200 gallons a minute from sand and gravel. Used in conjunction with well 493.
495	0.3	51.2	Oct. 31, 1940	C,W	D,S	Galvanized iron casing to bottom.
496	2.1	33.6	Nov. 18, 1940	C,G	I	Galvanized iron casing to 10 feet. Reported yield, 400 gallons a minute from sand and gravel at 48-55 feet.
497	0.0	30.2	do.	C,G	I	Galvanized iron casing to bottom. Reported yield, 400 gallons a minute from sand and gravel. Well 498 is 12
498	--	--	--	C,G	I	Steel casing to bottom. feet south. Used in conjunction with well 497.
499	1.2	30.8	Nov. 18, 1940	C,W	D,S	Steel casing to 20 feet. Well 500 is 15 feet west.
500	0.9	68.0	Nov. 1, 1940	C,W	D,S	Galvanized iron casing to bottom.
501	1.0	54.3	Oct. 29, 1940	C,W,G	D,S	Do.
520	0.8	82.1	do.	C,W	D,P	Supplies Veribest school.
521	0.0	72.0	Jan. 23, 1941	C,W	D,S	Galvanized iron casing to bottom.
522	0.5	67.4	do.	C,W	D,S	Do.
523	0.5	55.7	Oct. 29, 1940	C,W	D,S	Galvanized iron casing.
525	1.0	87.7	do.	C,W	D,S,I	Galvanized iron casing to bottom. Water from rock at 85-87 feet. Irrigates
526	1.4	37.7	do.	C,W	S	Steel casing to bottom. garden.
527	0	60	e/ 1941	C,W	D,S,I	Galvanized iron casing to bottom. Irrigates garden.
528	0.5	62.3	Jan. 15, 1941	None	N	Galvanized iron casing to bottom.
529	0.8	58.0	do.	C,W	D,S	Galvanized iron casing to bottom. Struck water at 53 feet in sand and gravel.
530	1.0	51.6	do.	C,W	D,S	Galvanized iron casing to bottom.
531	0.5	53.4	do.	C,W	D,S	Do.
532	0.0	23.9	Oct. 29, 1940	C,W	D,P	Galvanized iron casing to bottom. Supplies Mereta school.
533	1.0	29.1	do.	C,W	D,S	Galvanized iron casing to bottom.
534	1.3	25.6	Oct. 31, 1940	C,E, $\frac{1}{2}$	D,S	Do.

Records of wells and springs in Tom Green County--Continued

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
535	16 miles east	Mrs. John Kohutek	--	Flat	1925	50	5
d/536	15 miles east	Floyd Brown	--	do.	1905?	95	5
537	16 miles southeast	Paul Gray	Paul Gray	do.	1935?	90	5
538	do.	Roy Scott	--	Edge of draw	1916	60	5
539	do.	J. S. Powell	Gorman Bros.	Creek valley	1934	70	5
d/540	do.	J. F. Schriever	Tom Green Oil Co.	--	1939	2,042	12 $\frac{1}{2}$
541	18 miles southeast	B. A. Matschak	--	Flat	1933	50	5
542	19 $\frac{1}{2}$ miles southeast	Louis Pfleuger	--	do.	1925	60	5
543	19 miles southeast	R. G. Fuessel	--	do.	1938	60	5
544	do.	E. C. Bednar	Emmett Jones	do.	1940	68	5
545	18 miles southeast	Annie Willis	Gorman Bros.	do.	1916	70	5
546	17 miles southeast	G. H. Buchanan	--	do.	--	85	5
d/547	14 miles southeast	R. S. Whitfield	--	do.	1935	70	10
d/548	do.	do.	--	--	1935	70	10
549	do.	A. Riesling	--	Flat	--	80	5
d/550	do.	J. I. Gorman	Gorman Bros.	do.	1940	105	6
551	13 miles southeast	R. D. Barron	-- Metlock	do.	1926	125	6
552	do.	do.	do.	do.	1926	125	6
d/553	do.	C. Hedden	--	do.	--	80	5 $\frac{1}{2}$
d/554	11 $\frac{1}{2}$ miles southeast	H. F. Backhaus	--	do.	Old	92	5
555	do.	do.	Gorman Bros.	do.	1925	103	5

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
535	0.5	38.4	Oct. 29, 1940	C,W	D,S	Galvanized iron casing to bottom.
536	1.3	44.4	Oct. 31, 1940	C,W	S	Galvanized iron casing to bottom. Reported limited supply.
537	0.8	72.6	do.	C,W	D,S	Do.
538	1.3	45.1	do.	C,W	D,S	Galvanized iron casing to bottom.
539	1.0	28.6	Nov. 11, 1940	C,W	D,S	Do.
540	0.0	1.6	do.	None	N	Steel casing to 1605 feet. Reported sulphur water at 1718-1720 feet. See
541	0.8	43.8	Oct. 31, 1940	C,W	D,S	Galvanized iron casing to bottom. <u>partial log. Oil test.</u>
542	0.2	45.2	Nov. 15, 1940	C,W	D,S	Do.
543	0.4	43.8	do.	C,W	S	Galvanized iron casing to 20 feet.
544	0.7	50.5	do.	C,W	D,S	Galvanized iron casing to bottom.
545	--	53.9	Nov. 11, 1940	C,W	D,S,I	Galvanized iron casing to bottom. Irrigates garden.
546	0.7	37.8	do.	C,W	D,S	Galvanized iron casing to 40+ feet.
547	0.8	52.1	do.	C,W	D,S	Casing: 10-inch galvanized iron and 6-inch steel to bottom. Formerly used for irrigation. Well 548 is 30 feet north.
548	0	55	e/ 1940	C,G	I	Galvanized iron casing to bottom. Reported yield, 100 gallons a minute.
549	0.8	59.3	Nov. 1, 1940	C,W	D,S	Galvanized iron casing to bottom. <u>Irrigates 10 acres.</u>
550	0	57	e/ 1940	--	--	Steel casing to 103 feet. Reported bailed 50 gallons a minute from blue
551	5.5	66.0	Feb. 15, 1938	C,G	I	Galvanized iron casing to 20 feet. Reported yield, 150 gallons a minute from sandstone at 100-125 feet.
		64.1	Mar. 30, 1939			
		65.1	Oct. 3, 1940			
552	5.1	65.8	Feb. 15, 1938	C,G	I	Galvanized iron casing to 20 feet. Reported yield, 200 gallons a minute from sandstone at 100-125 feet.
		63.8	Mar. 30, 1939			
		64.8	Oct. 3, 1940			
553	0.8	67.5	Feb. 2, 1941	C,W	D,S	Galvanized iron casing to bottom.
554	0.9	62.1	Nov. 6, 1940	B,H	D	Galvanized iron casing to 90 feet. Reported limited supply.
555	0.4	61.8	do.	C,W	S	Galvanized iron casing to 100 feet. Well 554 is 20 feet west.

Records of wells and springs in Tom Green County--Continued

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
556	12 miles southeast	F. C. Spieker	Fred Gorman	Flat	1930?	90	5
557	11 miles southeast	V. L. Pfluger	--	do.	--	70	5
559	9 miles southeast	St. Anthony School	--	do.	--	70	5
560	10 miles southeast	C. Lehnert	--	do.	1928	90	5
561	In Wall	Wall Gin Co.	Gorman Bros.	do.	1933	123	6
a/562	do.	A. W. Strube	do.	do.	1934	96	5 $\frac{1}{8}$
a/563	9 miles southeast	Lehr Est.	--	do.	1936	100	5
564	7 $\frac{1}{2}$ miles southeast	W. R. Schwartz	-- Gorman	do.	1935	85	5
565	7 miles southeast	Dr. V. Taylor	--	do.	--	100	8
566	do.	do.	--	do.	--	130	6
567	5 $\frac{1}{2}$ miles southeast	Viola Kornek	--	do.	1930	88	5
569	4 $\frac{3}{4}$ miles southeast	San Angelo Airport	--	do.	--	75	6
570	5 $\frac{1}{2}$ miles southeast	R. W. Taylor	C. L. Snow	--	1940	60	--
571	3 $\frac{3}{4}$ miles southeast	Mrs. E. C. Adkinson	--	Flat	1927	116	6
572	2 miles southeast	A. V. Dye	S. Cleveland	do.	1940	110	6
573	3 miles southeast	Joe Bunnell	--	Slope	1928	100	6
574	do.	J. M. Brandon	--	Hilltop	1936	67	6
590	4 miles southwest	C. R. Nasworthy	Shorty Cleveland	--	1940	43	8
593	3 $\frac{1}{2}$ miles southwest	State Highway Dept.	--	--	1934	--	8

a/ Measuring point was usually top of casing, top of well curb or top of pipe clamp.

b/ H, hand; B, bucket; C, cylinder; W, windmill; T, turbine; G, gasoline; E, electric; number indicates horsepower.

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
556	0.5	52.5	Nov. 1, 1940	C,W	D,S	Galvanized iron casing.
557	0.4	40.6	do.	C,W	S	Galvanized iron casing to bottom.
559	1.2	52.6	do.	C,W	D,S	Do.
560	0.6	66.1	Nov. 6, 1940	C,W	D,S	Do.
561	0.6	66.9	Feb. 15, 1938	None	N	Galvanized iron casing.
		67.5	Mar. 29, 1939			
		69.2	Oct. 3, 1940			
		69.3	Feb. 4, 1941			
562	0.8	68.9	Feb. 4, 1941	C,W	D,S,I	Galvanized iron casing to bottom. Irrigates garden.
563	0	70	e/ 1940	C,W	D,S	Galvanized iron casing to bottom.
564	0.3	48.8	Nov. 1, 1940	C,W	D,S	Galvanized iron casing to bottom. Irrigates garden.
565	0	50	e/ 1940	C,W	D,S	Galvanized iron casing to bottom.
566	0	60	do.	C,E, 2	D,S	Do.
567	0.7	44.5	Nov. 1, 1940	C,W	S	Do.
569	1.0	49.0	Oct. 22, 1940	C,E, 1/2	D	Steel casing to bottom. Supplies airport.
570	--	--	--	T,E, 7 1/2	D,I	Steel casing. Reported yield, 300 gallons a minute. Irrigates 12 acres.
571	0.9	88.5	Feb. 5, 1938	C,W	D,S	Galvanized iron casing to bottom.
		87.9	Mar. 29, 1939			
		84.9	Oct. 22, 1940			
572	--	--	--	C,W	D,S	Galvanized iron casing to bottom.
573	0.4	72.6	Oct. 3, 1940	C,W	D,S	Do.
		70.2	Feb. 4, 1941			
574	0.3	52.7	Sept. 4, 1940	C,H	D,S	Galvanized iron casing to bottom. Reported limited supply.
590	4.0	31.7	Aug. 21, 1940	C,G, 1	D,S	Do.
593	0.5	4.3	Aug. 22, 1940	--	N	Steel casing to bottom. Supplied water for highway construction.

c/ D, domestic; S, stock; I, irrigation; P, public; N, not used.

d/ No water sample collected.

e/ Water level reported.

Records of wells and springs in Tom Green County--Continued

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
594	4 $\frac{1}{4}$ miles southwest	W. Harske	Plymouth Oil Co.	Flat	1934	714	10
595	do.	J. T. Belcher	--	--	1934	20	--
d/597	7 miles southwest	Claud Lee	--	Slope	Old	100	--
d/599	8 $\frac{1}{2}$ miles southwest	H. G. Carter	--	--	--	70	6
600	8 $\frac{3}{4}$ miles southwest	do.	--	--	Old	60	36
602	8 miles southwest	H. A. Bullock	--	Creek bottoms	Old	46	36
603	10 miles southwest	R. F. Halbert	--	Flat	--	110	8
604	do.	C. Kemp	--	do.	1920	120	8
605	11 miles southwest	R. C. Small	--	do.	--	60	8
606	12 miles southwest	do.	--	do.	1925	60	8
607	10 miles southwest	E. E. Crenwelge	--	do.	Old	80	6
608	10 miles west	H. Byrd	--	Gentle slope	1915?	83	5 $\frac{1}{2}$
609	do.	Wilson Est.	--	--	1930	40	--
610	8 $\frac{3}{4}$ miles west	H. G. Carter	--	Hilltop	1920	120	--
611	9 $\frac{1}{2}$ miles west	B. L. Adkins	--	Hillside	1930	60	8
d/612	do.	do.	--	do.	1922	70	8
d/613	10 $\frac{1}{2}$ miles west	M. B. Pulliam	World Oil Co.	--	1928	908	10
d/620	do.	do.	do.	--	1926	4,039	15 $\frac{1}{2}$
d/621	10 miles west	H. Rodgers	--	Hilltop	1931	200	--
622	10 $\frac{1}{2}$ miles west	T. T. Homesley	--	Hillside	1936	40	8
623	do.	do.	--	do.	1935	151	8

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
594	--	0.5	Aug. 22, 1940	Flows	N	Oil test. Estimated flow, 10 gallons a minute. See log.
595	2.0	8.9	Aug. 26, 1940	B,H	D,S	Dug well. No casing used. Reported limited supply.
597	0.5	74.5	Aug. 26, 1940	C,W	N	No casing used.
		74.4	Feb. 10, 1941			
599	3.0	42.4	Aug. 26, 1940	C,W	D,S	Steel casing to bottom. Reported limited supply. West well of 3 wells.
		41.9	Feb. 10, 1941			
600	1.8	43.2	Aug. 26, 1940	C,W	D,S	Dug well to 30 feet, galvanized iron casing; drilled well 30-60 feet, tile casing. Reported limited supply. Center well of 3 wells.
		42.9	Feb. 10, 1941			
602	2.6	25.3	Feb. 18, 1938	C,W	D,S	Dug well. Concrete casing to bottom. Water from sand and gravel at 35-46 feet.
		26.5	Mar. 25, 1939			
		22.7	Aug. 22, 1940			
603	--	60.4	Aug. 22, 1940	C,W	D,S	Galvanized iron casing to bottom.
604	0	43	e/ 1940	C,W,G, l	D,S	Galvanized iron casing.
605	0.8	46.1	Aug. 26, 1940	C,W	S	Galvanized iron casing to 50 feet.
606	0	50	e/ 1940	C,W	D,S	Galvanized iron casing.
607	1.0	64.0	Aug. 26, 1940	C,W	D,S	Steel casing to bottom.
608	1.0	57.6	Feb. 10, 1941	C,W	D,S	Galvanized iron casing to bottom.
609	0.8	65.3	Aug. 26, 1940	C,W	S	Reported limited supply.
610	0.5	96.5	do.	C,W	S	Twin wells. Reported limited supply. No casing used.
611	1.0	21.5	Sept. 3, 1940	C,W	D,S	Galvanized iron casing to bottom. Reported limited supply.
612	0	25	e/ 1940	C,W	D,S	Galvanized iron casing to 50 feet. Reported limited supply.
613	--	--	--	--	--	Oil test. See log.
620	--	--	--	--	--	Oil test. See partial log.
621	0	168	e/ 1940	C,W	S	No casing used. Reported limited supply.
622	1.0	43.4	Sept. 3, 1940	C,W	D,S	Galvanized iron casing to bottom. Reported limited supply.
623	1.5	122.7	do.	C,W	S	Galvanized iron casing to bottom. Reported ample supply.

Records of wells and springs in Tom Green County--Continued

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
d/624	11 $\frac{1}{2}$ miles west	F. Feils	--	Flat	1928	80	5 $\frac{1}{2}$
625	12 miles west	H. Probandt	T. Holmley	do.	1930	87	8
627	14 miles southwest	Dr. G. L. Lewis	--	do.	1925	60	6
628	15 $\frac{1}{2}$ miles southwest	do.	--	Slope	1921	150	--
d/629	15 miles southwest	do.	--	Hill-side	--	150	--
d/630	14 $\frac{1}{2}$ miles southwest	Lewis & Wardlow	Humble Oil & Refining Co.	--	1938	7,586	16
631	do.	Dr. G. L. Lewis	-- Holt	--	1940	125	8
632	13 miles southwest	J. D. Lee	--	--	--	74	6
633	11 $\frac{1}{2}$ miles southwest	R. F. Gandy	--	Flat	1937	25	--
634	12 miles southwest	R. F. Halbert	--	Creek bottoms	--	46	8
635	12 $\frac{1}{2}$ miles southwest	J. B. Butler	--	Flat	--	30	--
636	13 miles southwest	S. M. King	-- Holmsley	do.	1930	80	8
638	In Tankersly	J. A. Reid	--	River valley	1928	45	12
639	15 $\frac{1}{2}$ miles southwest	M. D. Bryant	--	Flat	Old	35	--
d/640	16 miles southwest	Tom Green County	--	Creek bottoms	1928	20	36
641	do.	M. D. Bryant	--	Flat	Old	50	48
642	17 miles southwest	do.	Cannon & Hagan	--	1939	466	8 $\frac{1}{2}$
d/643	18 $\frac{1}{2}$ miles southwest	Mrs. F. Underwood	--	Flat	--	40	6
d/644	21 miles southwest	J. Johnson	--	do.	Old	--	36
645	20 miles southwest	J. L. Tweedy	--	do.	1910	35	8
d/646	do.	C. Atkinson	--	Hill-side	Old	--	--
647	18 $\frac{1}{2}$ miles southwest	Mrs. L. W. Walker	--	Flat	1920	80	8
d/648	19 miles southwest	Mrs. -- Williams	--	do.	Old	--	36
649	17 $\frac{1}{2}$ miles southwest	Tom Green County	-- Holt	do.	Old	65	8

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
624	0.6	44.5	Feb. 11, 1940	C,W	S	Galvanized iron casing to bottom. Reported limited supply.
625	0.7	64.3	do.	C,W	D,S	Galvanized iron casing to bottom. Measured drawdown after pumping $1\frac{1}{2}$ gal-
627	1.0	20.4	Aug. 27, 1940	C,W	D,S	Do. lons a minute for 2 hours.
628	1.0	84.9	do.	C,W	S	No casing used. Reported ample supply.
629	1.0	81.0	do.	C,W	S	Do.
630	--	--	--	--	--	Oil test. See partial log.
631	3.0	68.4	Aug. 27, 1940	C,W	S	Galvanized iron casing to 100 feet. Reported ample supply.
632	1.0	47.9	do.	C,W	S	Galvanized iron casing. Reported limited supply.
633	3.0	21.8	Aug. 22, 1940	B,H	D,S	No casing used. Reported limited supply.
634	3.0	25.8	Aug. 23, 1940	C,W	D,S	Galvanized iron casing to bottom. Reported limited supply.
635	0	18	e/ 1940	C,W	D,S	Dug and drilled well. Reported ample supply.
636	0.5	56.9	Aug. 22, 1940	C,W	D,S	Galvanized iron casing to 40 feet. Reported ample supply.
638	0.2	34.9	Feb. 21, 1938	None	N	Galvanized iron casing to bottom. Water from sand and gravel at 35-40 feet.
		36.1	Aug. 22, 1940			
		37.0	Jan. 28, 1941			
639	3.0	20.8	Aug. 23, 1940	B,H	D,S	Dug well. No casing used.
640	--	9.1	do.	C,W	D,S	Dug well. Rock casing to bottom. Reported limited supply. Supplies
641	1.0	13.8	do.	C,W,E, $\frac{1}{2}$	D,S	Dug well. Steel casing to bottom. Reported limited supply. Foster park.
642	--	--	--	--	--	Oil test. See log.
643	0.5	37.4	Aug. 27, 1940	C,W	N	Galvanized iron casing to bottom.
644	1.0	20.3	Aug. 21, 1940	C,W	S	Dug well. Rock casing. Reported ample supply.
645	2.0	21.8	Aug. 27, 1940	C,W,E, $\frac{1}{2}$	D,S	Steel casing. Reported ample supply.
646	0.0	32.8	Aug. 21, 1940	C,W	S	No casing used. Reported limited supply.
647	0.5	40.5	do.	C,W	D,S	Galvanized iron casing to bottom. Reported ample supply.
648	0.0	26.2	Aug. 27, 1940	C,W	D,S	Dug well. No casing used.
649	1.0	26.8	Aug. 21, 1940	C,W	D,P	Steel casing to bottom. Reported ample supply.

Records of wells and springs in Tom Green County--Continued

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
650	18 miles southwest	Dr. W. E. Schulkey	--	Creek bank	-- Spring	--	--
651	17 $\frac{1}{2}$ miles southwest	Gillman Est.	--	Flat	--	67	8
652	do.	Mrs. F. Underwood	--	do.	1929	50	8
653	do.	J. L. Tweedy	--	do.	Old	60	8
654	15 miles southwest	Chas. Moore	--	do.	1937	47	--
655	14 $\frac{1}{2}$ miles southwest	E. H. Jones	--	do.	1930	40	8
656	14 miles southwest	Whitaker Bros.	-- Russell	do.	--	85	8
657	12 miles southwest	L. M. Ratliff	--	do.	1920	65	8
658	11 $\frac{1}{2}$ miles southwest	A. B. McCleery	--	do.	1932	40	--
660	13 miles southwest	Dr. -- Jones	--	do.	--	30	8
661	14 miles southwest	do.	E. E. Kinsey	Hilltop	1930	87	--
663	11 $\frac{1}{2}$ miles southwest	T. L. Wester	--	Flat	1907	90	8
664	11 miles southwest	Tom Green County	--	do.	--	65	8
665	do.	O. Daniels	--	do.	1934	80	8
666	9 $\frac{1}{4}$ miles southwest	Henry Mott	--	do.	1938	25	--
667	7 $\frac{1}{4}$ miles southwest	T. N. Robbins	--	do.	Old	30	36
670	5 miles south	H. M. Boykin	--	do.	1932	40	36
672	6 $\frac{1}{2}$ miles south	A. L. Buchek	--	do.	1928	80	8
673	7 miles south	L. Marecek	--	do.	1928	90	6
d/690	10 $\frac{1}{2}$ miles southeast	W. R. Boykin	--	do.	--	100	5
691	11 miles southeast	H. C. Deshazo	Homer Duckworth	do.	1916	129	6
692	12 miles southeast	Mrs. A. C. Hennig	--	do.	1909	160	6
d/693	13 $\frac{1}{2}$ miles southeast	W. Hendricks	--	do.	Old	138	6
d/694	do.	do.	--	do.	--	135	6

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
650	--	--	Aug. 27, 1940	Flows	S	Estimated flow, 100 gallons a minute from gravel, flow varies 50 percent.
651	1.0	34.2	do.	C,W	D,S	Galvanized iron casing Temperature 70°F. to bottom. Reported ample supply.
652	1.0	44.3	do.	C,W	D,S	Do.
653	0.5	42.5	do.	C,W	S	Galvanized iron casing to bottom. Reported limited supply.
654	0	20	e/ 1940	C,W	D,S	No casing used. Reported ample supply.
655	1.0	21.9	Aug. 23, 1940	C,E, 2	D,S	Steel casing to bottom. Reported ample supply.
656	1.0	34.2	do.	C,W	D,S	Galvanized iron casing to bottom. Reported ample supply.
657	0.2	18.2	do.	C,W	D,S,I	Galvanized iron casing to 40 feet. Reported limited supply. Irrigates
658	0.0	35.6	do.	C,W	S	Dug well. Board casing. garden. Reported ample supply.
660	0	10	e/ 1940	C,W	D,S	Steel casing to bottom. Reported ample supply.
661	0	22	do.	C,W	S	Reported limited supply.
663	1.0	78.7	Sept. 4, 1940	C,W	D,S	Galvanized iron casing. Reported ample supply.
664	0	55	e/ 1940	C,W	D,S	Do.
665	0.8	23.2	Sept. 4, 1940	C,W	D,S	Galvanized iron casing to bottom. Reported ample supply.
666	2.0	27.8	Aug. 23, 1940	C,W	D,S	Dug well. No casing used. Reported ample supply.
667	1.0	10.3	Aug. 21, 1940	C,W	D,S	Dug well. Galvanized iron casing to bottom. Reported ample supply.
670	0.5	35.4	Feb. 16, 1938	C,W	D,S	Dug well. Galvanized iron casing to bottom. Reported ample supply.
		36.1	Mar. 28, 1939			
		36.7	Sept. 4, 1940			
672	0	60	e/ 1940	C,W	D,S	Galvanized iron casing to bottom. Reported ample supply.
673	1.3	60.2	Sept. 4, 1940	C,W	D,S	Do.
690	0.5	81.6	Oct. 16, 1940	C,W	D,S	No casing used.
691	1.0	89.9	do.	C,W	D,S	Steel casing to 60 feet. Struck water at 100 feet. Reported ample supply.
692	1.0	114.8	Oct. 17, 1940	C,W,G, 3	D,S,I	Steel casing. Irrigates $\frac{1}{4}$ acre.
693	0.5	123.6	Oct. 15, 1940	C,W	D,S	Steel casing. Well 694 is 25 feet southwest.
694	0.0	124.3	do.	None	N	No casing used. Well 695 is 15 feet east.

Records of wells and springs in Tom Green County--Continued

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
695	13½ miles southeast	W. Hendricks	-- Oliver	Flat	--	150	6
696	13 miles southeast	T. B. Adams	do.	--	--	260	6
d/697	12½ miles southeast	-- Upton	--	Flat	--	135	6
698	do.	do.	--	do.	--	126	6
699	11 miles southeast	D. L. Estes	Gorman Bros.	do.	1936	130	5
700	do.	R. V. Allison	-- Gorman	--	--	105	6
701	12 miles southeast	E. R. Yoes	Fred Gorman	Flat	1934	112	6
d/702	13 miles southeast	John Edwards	--	do.	1900	90	6
d/703	13½ miles southeast	F. P. Green	--	do.	1935	92	6
704	12 miles southeast	Luther Wood	--	do.	1920	100	6
705	11 miles southeast	T. L. Wood	--	do.	1905	107	6
706	10½ miles southeast	R. L. Olsousky	--	do.	1890	107	6
707	8¾ miles southeast	W. W. Janek	--	do.	1910	90	6
708	10 miles southeast	Mrs. -- Oates	--	do.	--	90	6
709	11 miles southeast	G. E. Williams	--	do.	Old	100	6
710	11½ miles southeast	J. W. Keel	-- Kennedy	--	1916	102	6
711	do.	do.	do.	Flat	1928	127	6
712	12½ miles southeast	M. H. Dixon	D. Oliver	do.	1924	101	5
713	13 miles southeast	J. J. Schiller	Gorman Bros.	do.	1937	96	5
714	14 miles southeast	C. W. Hay	--	do.	Old	110	5
715	14½ miles southeast	C. H. Myer	--	do.	--	108	5

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
695	0.8	136.0	Oct. 15, 1940	C,W	D,S	Steel casing. Measured drawdown 12 feet after pumping 6 hours.
696	1.2	208.3	Feb. 22, 1938	C,W	S	Galvanized iron casing to bottom. Aquifer at 236 feet.
697	1.0	129.8	Feb. 22, 1938	C,W	S	Galvanized iron casing to bottom.
		102.6	Mar. 29, 1939			
		102.1	Oct. 17, 1940			
698	0.4	103.6	Feb. 22, 1938	C,W	S	Do.
		103.8	Mar. 29, 1939			
		114.8	Oct. 15, 1940			
699	0.5	91.0	Oct. 15, 1940	C,W	D,S	Steel casing to 125 feet. Reported ample supply from sand and gravel at 125-
700	0.7	86.5	Oct. 17, 1940	C,W	S	No casing used. 130 feet.
701	1.1	102.0	do.	C,W	S	Steel casing to bottom. Reported ample supply.
702	0	85	e/ 1940	C,W	S	Galvanized iron casing to bottom. Reported limited supply; failed in 1933.
703	0	35	do.	None	N	Galvanized iron casing to bottom. Reported yield, 18 gallons a minute when drilled in August 1935; 4 gallons a minute 6 months later; failed summer 1936.
704	0.5	59.9	Oct. 22, 1940	C,W	S	Galvanized iron casing.
705	1.0	91.0	do.	C,W	D,S	Galvanized iron casing to 95 feet.
706	0.3	65.6	Oct. 17, 1940	C,W	D,S	Steel casing.
707	0.8	58.0	do.	C,W	D,S	Do.
708	0.6	66.5	Oct. 22, 1940	C,W	D,S	Galvanized iron casing to bottom.
709	1.6	91.9	do.	C,W	D,S	Do.
710	1.2	78.7	do.	C,W	D,S,I	Galvanized iron casing to bottom. Irrigates garden.
711	0.7	90.0	do.	C,W	D,S	Galvanized iron casing to bottom.
712	0.5	87.0	Nov. 14, 1940	C,W	D,S	Do.
713	0.8	83.3	do.	C,W	D,S	Do.
714	0.7	101.2	do.	C,W	S	Do.
715	--	90.5	do.	C,W	D,S	Do.

Records of wells and springs in Tom Green County--Continued

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
d/731	15 miles southeast	C. S. Callahan	Gorman Bros.	Creek bank	1915	25	36
732	In Van Court	Tom Green County	--	Flat	--	74	6
733	18 miles southeast	State Highway Dept.	--	do.	--	80	5
d/734	20 miles southeast	J. S. Powell	--	do.	--	80	5
735	21 miles southeast	T. E. Coor	-- Montella	do.	1928	100	6
736	20 miles southeast	J. S. Powell	--	do.	--	80	5
737	19 miles southeast	Ad. Krempen	--	do.	1934	102	5
738	do.	Wm. Holkemp	Wm. Holkemp	do.	Old	90	5
d/739	18 miles southeast	S. E. Williams	Gorman Bros.	do.	1932	75	5
d/740	do.	do.	do.	do.	1923	100	5
d/741	18½ miles southeast	Joe Kotrla	-- Holmsley	do.	1936	80	5
744	18 miles southeast	-- Waring	--	Creek bank	-- Spring	--	--
d/745	21 miles southeast	R. C. Lawson et al	Mintex Oil Co.	--	1930	1,994	12½
746	23 miles southeast	Rust Est.	--	--	Old	55	6
747	do.	do.	--	Creek bank	-- Spring	--	--
748	27½ miles southeast	-- Henderson	--	do.	-- Spring	--	--
749	26½ miles southeast	Glass & Cobb	--	--	1925	173	6
d/760	23 miles southeast	-- Upton	Southern Cross Oil Co.	--	1939	5,637	15½
d/761	26½ miles southeast	T. J. Clegg	San Diego & Texas Oil Co.	--	1921	3,630	15½
762	19 miles southeast	Johnson Est.	--	Flat	1920	110	6
763	16½ miles south	do.	--	In draw	-- Spring	--	--

a/ Measuring point was usually top of casing, top of well curb or top of pipe clamp.

b/ H, hand; B, bucket; C, cylinder; W, windmill; T, turbine; G, gasoline; E, electric; number indicates horsepower.

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
731	3.3	19.9	Nov. 14, 1940	C,W	D,S	Dug well. Concrete casing. Reported dry during droughts.
732	0.9	46.1	Feb. 15, 1938	C,W	P	Galvanized iron casing. Supplies Van Court school.
		46.5	Mar. 30, 1939			
		50.1	Oct. 3, 1940			
733	0.6	63.5	Nov. 15, 1940	C,W	S	Galvanized iron casing.
734	0.4	60.6	do.	C,W	S	Do.
735	1.0	58.8	Oct. 3, 1940	C,W	D,S	Galvanized iron casing to 50 feet. Reported ample supply.
736	1.2	53.0	Nov. 15, 1940	C,W	S	Galvanized iron casing.
737	1.0	86.5	do.	C,W	S	Galvanized iron casing to bottom.
738	1.9	21.5	do.	C,W	S	Do.
739	0.6	59.9	Nov. 14, 1940	C,H	N	Galvanized iron casing.
740	0.8	88.3	do.	C,W	S	Galvanized iron casing to bottom.
741	0.7	52.9	do.	C,W	S	Do.
744	--	--	Oct. 15, 1940	Flows	D,S	Estimated yield, 150 gallons a minute from limestone. Known as Lipan' spring.
745	--	--	--	--	--	Oil test. See log. Temperature 68° F.
746	0.5	19.0	Oct. 18, 1940	C,W	S	Steel casing to 50 feet.
747	--	--	do.	Flows	D	Estimated yield, 10 gallons a minute from limestone. Known as Rust spring.
748	--	--	do.	Flows	D,S,I	Reported yield, 600 gallons a minute from limestone. Known as Kickapoo spring. Temperature 68° F.
749	0.5	110.8	do.	C,W	S	Cased to bottom.
760	--	--	--	--	--	Oil test. See partial log.
761	--	--	--	--	--	Do.
762	2.0	89.1	Oct. 10, 1940	C,W	--	Steel casing to 86 feet. Reported ample supply.
763	--	--	do.	Flows	D,S	Reported yield, 60 gallons a minute from limestone, yield varies 75 percent. Known as Pecan spring. Temperature 68° F.

c/ D, domestic; S, stock; I, irrigation; P, public; N, not used.

d/ No water sample collected.

e/ Water level reported.

Records of wells and springs in Tom Green County--Continued

No.	Distance from San Angelo	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
a/764	12 miles south	J. W. Johnson	Marland Oil Co.	--	1928	3,417	20
765	10 $\frac{1}{2}$ miles south	C. C. Townsend	--	--	1937	25	48
a/768	16 miles south	H. J. DeLong	J. F. Jacobs	--	1935	525	8
769	do.	do.	--	Slope	1905	52	30
a/780	17 $\frac{1}{2}$ miles south	do.	Dave Elder et al	--	1939	555	8
a/781	19 miles south	Mrs. S. J. Pugh	L. D. Gibson et al	--	1939	405	7
782	In Christoval	R. W. Rawls	--	Slope	1920	367	8
783	19 $\frac{1}{2}$ miles south	Mrs. -- McKinsey	--	River terrace	1912	700	--
784	20 miles south	State Highway Dept.	--	--	1934	50	6
a/785	21 $\frac{1}{2}$ miles south	L. N. Nickey Est.	T. E. Jacobs et al	--	1927	381	6- 5/8
786	22 $\frac{1}{2}$ miles south	Mrs. W. Anson	--	Creek bottom	--	Spring	--
a/787	do.	Billie Anson	--	Slope	--	40	--
788	21 miles south	Edwin Brown	--	Flat	1922	140	--
a/800	24 $\frac{1}{2}$ miles south	W. C. Jones	--	Creek bank	--	Spring	--
801	25 miles southwest	H. C. Williams	--	Slope	1898	120	6
a/802	25 $\frac{1}{2}$ miles southwest	W. L. Williams	Robert Fields	--	1926	3,010	12 $\frac{1}{2}$
803	25 miles southwest	W. Jameyson	--	--	Old	120	6
804	25 $\frac{1}{2}$ miles southwest	E. J. Jameyson	--	Flat	--	220	6

a/ Measuring point was usually top of casing, top of well curb or top of pipe clamp.

b/ H, hand; B, bucket; C, cylinder; W, windmill; T, turbine; G, gasoline; E, electric; number indicates horsepower.

No.	Height of measuring point above ground (ft.) a/	Water level		Method of lift b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
764	--	--	--	--	--	Oil test. See partial log.
765	0.2	15.0	Feb. 16, 1940	C,W	D,S	Dug well. Galvanized iron casing. Reported ample supply from gravel.
		14.1	Sept. 4, 1940			
768	--	--	--	--	--	Oil test. See log.
769	0.9	40.5	Feb. 16, 1938	C,W	D,S	Dug well. Rock casing.
		41.1	Mar. 28, 1939			
		37.7	Oct. 20, 1940			
780	--	--	--	--	--	Oil test. See log.
781	--	--	--	--	--	Do.
782	0	14	e/ 1920	C,W,G, 2	P	Steel casing. Used for mineral baths. Water reported at 60 and 165-367 feet.
		18	1938			
		20	1940			
783	--	--	--	Flows	N	Estimated flow, 50 gallons a minute, October 1940.
784	0	16	e/ 1940	C,H	P	Galvanized iron casing to bottom. Supplies roadside park.
785	--	--	--	--	--	Oil test. See log.
786	--	--	1940	Flows	S	Reported flow, 2,000 gallons a minute from limestone. Known as Anson
787	0.6	27.0	Nov. 26, 1940	C,W	D	No casing springs. Temperature 68° F. used. Reported ample supply from lime-
788	1.0	120.7	Oct. 20, 1940	C,W	D,S	No casing used. Reported stone. ample supply.
800	--	--	do.	Flows	--	Seep from limestone 6 feet above creek bed. Reported never dry. Known as
801	0.4	43.1	Feb. 17, 1938	C,W	D,S	Steel casing to 15 feet. Cave spring. Reported ample supply.
		43.6	Mar. 28, 1939			
		45.8	Oct. 3, 1940			
802	--	--	--	--	--	Oil test. See partial log.
803	2.5	112.4	Oct. 14, 1940	C,W	D,S	No casing used.
804	1.5	207.4	do.	C,W	D,S	No casing used. Reported ample supply from sand and gravel.

c/ D, domestic; S, stock; I, irrigation; P, public; N, not used.

d/ No water sample collected.

e/ Water level reported.

Table of Drillers' Logs, Tom Green County, Texas

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 211</u>		
Ike Funk ranch, 10 $\frac{1}{2}$ miles southwest of Water Valley. Reported altitude, 2,417 feet.		
Surface material - -	2	2
Lime - - - - -	13	15
Broken lime (water, 3 bailers an hour) -	50	65
Broken lime (water at 90 feet) - - -	25	90
Broken lime (water) -	100	190
Lime - - - - -	20	210
Sand - - - - -	10	220
Blue shale - - -	17	237
Red rock - - - -	11	248
Blue shale - - -	2	250
Red beds - - - -	20	270
Blue shale - - -	10	280
Sand - - - - -	20	300
Lime - - - - -	10	310
Blue shale - - -	5	315
Bed of shale - - -	45	360
Sand - - - - -	15	375
Lava - - - - -	10	385
Blue shale - - -	80	465
Lava - - - - -	20	485
Broken lime - - -	10	495
Lime - - - - -	20	515
Sand - - - - -	5	520
Sandy shale - - -	40	560
Blue shale - - -	15	575
Sandy shale - - -	20	595
Blue shale - - -	35	630
Sand - - - - -	10	640
Blue shale - - -	60	700
Anhydrite- - - -	5	705
Blue shale - - -	10	715
Sandy gray shale -	20	735
Sand - - - - -	10	745
Sandy shale - - -	30	775
Blue shale - - -	55	830
Red rock - - - -	40	870
Anhydrite- - - -	5	875
Sand (hole full of water) - - - -	15	890
Red rock - - - -	35	925
Blue shale - - -	15	940
Red rock - - - -	20	960
Lime - - - - -	9	969
Red rock - - - -	11	980
Lime - - - - -	2	982
Red shale- - - -	5	987

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 211--Continued</u>		
Red rock and lime shale - - - -	29	1016
Lime - - - - -	5	1021
Green shale - - -	24	1045
Lime - - - - -	5	1050
Green shale and lime shale - - - -	10	1060
Lime and shale- - -	30	1090
Green shale - - -	10	1100
Gray shale- - - -	15	1115
Gray lime - - - -	8	1123
Missing - - - - -	4	1127
Lime - - - - -	13	1140
Green shale - - -	4	1144
Lime (water, 1 bailer an hour)- - - -	19	1163
Gray lime - - - -	27	1190
Gray shale- - - -	16	1206
Brown lime- - - -	9	1215
Sandy lime (hole full of water at 1225 feet) -	20	1235
Sandy shale - - -	5	1240
Blue shale- - - -	3	1243
Gray lime - - - -	52	1295
Blue shale- - - -	9	1304
Gray lime - - - -	3	1307
Blue shale- - - -	3	1310
Gray lime - - - -	3	1313
Sandy lime (water, 1 bailer an hour) - -	17	1330
Lime and shale- - -	24	1354
Shale - - - - -	16	1370
Sand - - - - -	10	1380
Sandy lime- - - -	10	1390
Sand - - - - -	30	1420
Lime (sulphur water at 1560 feet) - - - -	142	1562
TOTAL DEPTH		1562
CASING RECORD: 400 feet of 8 $\frac{1}{4}$ -inch, 964 feet of 6-5/8-inch, and 1237 feet of 5-3/16-inch casing.		

<u>Driller's log of well 212</u>		
Ike Funk ranch, 9-3/4 miles southwest of Water Valley.		
Surface material - -	11	11
Clay - - - - -	9	20
Lime - - - - -	9	29
Shale - - - - -	46	75
Lime - - - - -	12	87

(Continued on next page)

Table of Drillers' Logs, Tom Green County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 212--Continued</u>		
Shale - - - -	63	150
Sand (fresh water) -	22	172
Shale - - - -	8	180
Sand (fresh water) -	30	210
Shale - - - -	70	280
Sand (fresh water) -	30	310
Shale - - - -	30	340
Lime- - - -	10	350
Shale - - - -	30	380
Anhydrite - - - -	47	427
Shale - - - -	38	465
Sandy shale - - - -	10	475
Broken sand - - - -	10	485
Sandy shale - - - -	25	510
Shale - - - -	50	560
Sandy shale - - - -	50	610
Anhydrite - - - -	12	622
Shale - - - -	88	710
Anhydrite - - - -	5	715
Shale - - - -	37	752
Brown shale - - - -	13	765
Red beds - - - -	33	798
Sand- - - -	5	803
Red beds - - - -	22	825
Sandy shale - - - -	15	840
Broken sand - - - -	5	845
Sandy shale - - - -	10	855
Shale - - - -	13	868
Red beds - - - -	4	872
Sandy lime - - - -	8	880
Red rock- - - -	12	892
Lime- - - -	6	898
Red beds - - - -	4	902
Sand- - - -	3	905
Red sand- - - -	25	930
Blue shale - - - -	5	935
Lime- - - -	5	940
Shale - - - -	17	957
Lime- - - -	4	961
Shale - - - -	2	963
Lime- - - -	18	981
Shale - - - -	7	988
Lime shells - - - -	2	990
Shale - - - -	5	995
Lime- - - -	9	1004
Shale - - - -	4	1008
Lime shells - - - -	35	1043
Lime- - - -	4	1047
Shale - - - -	6	1053
Lime and shale - - - -	12	1065
Shale - - - -	10	1075
Lime and shale - - - -	10	1085

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 212--Continued</u>		
Sandy shale - - - -	15	1100
Shale - - - -	5	1105
Lime- - - -	25	1130
Shale - - - -	11	1141
Lime- - - -	9	1150
Shale - - - -	5	1155
Lime (hole full of water) - - - -	23	1178
Sandy lime - - - -	37	1215
Shale - - - -	63	1278
Lime (sulphur water 2 bailers an hour)-	4	1282
Sand (hole full of water)- - - -	51	1333
Lime- - - -	52	1385
Shale - - - -	2	1387
Lime- - - -	53	1440
Shale - - - -	1	1441
Lime (sulphur water, 12 bailers an hour)-	11	1452
TOTAL DEPTH		1452
CASING RECORD: 315 feet of 12 $\frac{1}{2}$ -inch, 976 feet of 10-inch, and 1,334 feet of 8 $\frac{1}{4}$ -inch casing.		

Driller's log of well 213

Harley Turner ranch, 5 $\frac{1}{2}$ miles southwest of Water Valley. Reported altitude, 2,199 feet.

Lime- - - -	60	60
Red rock- - - -	10	70
Lime- - - -	50	120
Lime (hole full of water)- - - -	20	140
Yellow clay - - - -	40	180
Red rock- - - -	25	205
Sandy white lime- - - -	45	250
Light-colored shale - - - -	35	285
Blue shale - - - -	25	310
White lime - - - -	10	320
Light-colored lime - - - -	15	335
White shale - - - -	110	445
Light-colored shale and shells- - - -	70	515
Shale- - - -	75	590
Light-colored gritty shale - - - -	15	605
Red shale - - - -	45	650
Red rock- - - -	65	715
Light-colored lime - - - -	10	725
Shale - - - -	25	750

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Table of Drillers' Logs, Tom Green County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 213--Continued</u>		
Blue shale - - - - -	10	760
Red rock - - - - -	20	780
Blue shale - - - - -	10	790
Red rock - - - - -	120	910
White lime - - - - -	5	915
Blue shale, lime, and shells - - - - -	15	930
Lime - - - - -	10	940
Light-colored shale and shells - - - - -	20	960
Lime and shells - - - - -	40	1000
Shale, lime, and shells -	25	1025
TOTAL DEPTH		3401
CASING RECORD: 190 feet of 15½-inch, 1,000 feet of 12½-inch, 1,260 feet of 10-inch, 1,910 feet of 8½-inch, and 2,808 feet of 6-5/8-inch casing.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 272</u>		
Clark tract, 16 miles northwest of San Angelo.		
Soil - - - - -	3	3
Clay - - - - -	62	65
Gravel - - - - -	51	116
White lime (hole full of water) - - - - -	4	120
White lime - - - - -	40	160
Red rock, shale - - - - -	25	185
Red rock - - - - -	75	260
White lime - - - - -	45	305
Blue mud - - - - -	15	320
White lime - - - - -	20	340
Blue mud - - - - -	185	525
Sandy red shale - - - - -	185	710
Sand (salty water, 3 bailers an hour) - - - -	60	770
Red rock - - - - -	90	860
Sand (water, 10 bailers an hour) - - - -	10	870
Gray sand - - - - -	15	885
Blue mud - - - - -	115	1000
White lime (little water) - - - - -	9	1009
Blue shale - - - - -	25	1034
Gray lime - - - - -	6	1040
Blue shale - - - - -	25	1065
Hard gray lime - - - - -	5	1070
TOTAL DEPTH		3065
CASING RECORD: 375 feet of 15½-inch, 900 feet of 12½-inch, 1,362 feet of 10-inch, 2,513 feet of 8½-inch, and 2,994 feet of 6-5/8-inch casing.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 354</u>		
Llano County tract, 8½ miles north of San Angelo. Reported altitude, 2,194 feet.		
Lime - - - - -	30	30
Sand - - - - -	5	35
Hard gray lime - - - - -	5	40
White lime - - - - -	30	70
White shale - - - - -	45	115
Sandy lime - - - - -	15	130
Red shale (fresh water, 3 bailers an hour, 115 to 140 feet) - - -	10	140
Red shale - - - - -	28	168
Gray lime - - - - -	10	178
Brown shale - - - - -	22	200
Gray shale - - - - -	18	218
Sandy shale, lime shells - - - - -	17	235
Soft gray shale (fresh water, 3 bailers an hour at 280 feet) - - - - -	80	315
Red shale - - - - -	185	500
Blue shale - - - - -	15	515
Sand - - - - -	10	525
Gray shale - - - - -	5	530
White sand (hole full of water) - - - - -	20	550
Gray shale - - - - -	20	570
Gray shale, lime shells	25	595
Gray sand (soft water, 4 bailers an hour) - -	11	606
TOTAL DEPTH		3505
CASING RECORD: 250 feet of 15½-inch, 610 feet of 12½-inch, 1,445 feet of 10-inch, 2,650 feet of 8½-inch, and 3,368 feet of 6-5/8-inch casing.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 452</u>		
J. W. Harris tract, 6¼ miles northeast of San Angelo.		
Surface soil - - - - -	2	2
Lime conglomerate - - -	80	82
Red shale - - - - -	15	97
Slate - - - - -	3	100
Blue shale - - - - -	18	118
Sand (fresh water) - - -	5	123
Blue shale - - - - -	47	170
Joint clay - - - - -	20	190
Sand (salty water) - - -	12	202
Blue shale - - - - -	3	205
White slate - - - - -	5	210
(Continued on next page)		

Table of Drillers' Logs, Tom Green County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 452--Continued</u>		
Red rock- - - -	45	255
Slate, shale- - -	35	290
Lime- - - -	8	298
Blue shale - - -	50	348
White slate - - -	20	368
Blue shale - - -	60	428
White lime - - -	18	446
White slate - - -	18	464
Blue shale - - -	36	500
Hard red sandstone -	20	520
Lime- - - -	8	528
Red sandstone - - -	92	620
Lime- - - -	63	683
Brown lime - - -	12	695
Lime- - - -	42	737
Hard slate - - -	9	746
Lime- - - -	8	754
Brown sand - - -	15	769
Blue lime - - -	63	832
Slate- - - -	17	849
Lime, shale - - -	67	916
Blue lime- - - -	21	937
Slate- - - -	9	946
Gray lime - - -	28	974
Sandy shale - - -	72	1046
Gray lime - - -	64	1110
Slate- - - -	11	1121
Lime- - - -	6	1127
Sand- - - -	108	1235
Shale, slate- - -	15	1250
White lime - - -	75	1325
Red rock- - - -	20	1345
Lime- - - -	95	1440
Shale - - - -	73	1513
TOTAL DEPTH		2605
CASING RECORD: 210 feet of 12 $\frac{1}{2}$ -inch, 1,141 feet of 10-inch, and 2,600 feet of 6-5/8-inch casing.		

Driller's log of well 540

J. F. Schriever tract, 16 miles southeast of San Angelo. Reported altitude, 1,811 feet.

Top soil- - - -	4	4
Clay and caliche- -	23	27
White lime - - -	13	40
Blue shale, gumbo -	12	52
Blue shale - - -	10	62
Water sand (small amount of water) -	2	64
Blue shale - - -	6	70

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 540--Continued</u>		
Water sand (lots of water)- - - -	2	72
Blue shale - - -	78	150
Anhydrite - - -	10	160
Blue shale - - -	30	190
Blue shale, anhydrite, shells- - - -	30	220
Blue shale - - -	14	234
Anhydrite - - -	24	258
Blue shale - - -	22	280
Anhydrite, shale- -	18	298
Blue shale - - -	29	327
Anhydrite - - -	6	333
Anhydrite, gray shale- - - -	9	342
Gray shale - - -	28	370
Gray shale, anhydrite, shells- - - -	20	390
Gray shale - - -	120	510
Sandy gray shale and lime shells - - -	11	521
Sandy gray shale- -	24	545
Anhydrite - - -	10	555
Gray shale - - -	15	570
Hard brown lime - -	5	575
Anhydrite lime - -	5	580
Lime- - - -	16	596
Gray lime and shale breaks- - - -	12	608
Gray lime - - -	8	616
Lime and shale breaks- - - -	154	770
Sandy lime, shale breaks- - - -	107	877
Lime- - - -	8	885
Sandy lime - - -	10	895
Hard lime - - -	5	900
Lime- - - -	19	919
Blue shale - - -	15	934
Sandy lime - - -	58	992
Hard lime - - -	2	994
Blue shale - - -	6	1000
TOTAL DEPTH		2042
CASING RECORD: 90 feet of 12 $\frac{1}{2}$ -inch, and 1,605 feet of 7-inch casing.		

Driller's log of well 594

W. Harske ranch, 4 $\frac{1}{4}$ miles southwest of San Angelo. Reported altitude, 2,074 feet.

Surface material- -	10	10
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Table of Drillers' Logs, Tom Green County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 594--Continued</u>		
Caliche - - - -	20	30
Red rock- - - -	15	45
Pink shale - - -	35	80
Gray lime - - - -	30	110
Blue shale - - - -	60	170
Sand (fresh water, $\frac{1}{2}$ bailer an hour)	10	180
Shale- - - - -	30	210
Green shale - - -	20	230
Broken lime - - -	5	235
Blue shale - - - -	3	238
Red rock- - - - -	157	395
Gray shale - - - -	40	435
Sandy gray lime - -	5	440
Sand (water, 5 bailers an hour) - - - -	3	443
Broken gray lime- -	12	455
Soft gray shale - -	25	480
Sandy lime - - - -	27	507
Hard lime shells- -	3	510
Gray shale - - - -	19	529
Lime- - - - -	3	532
Gray shale - - - -	8	540
Blue shale - - - -	10	550
Lime- - - - -	8	558
Sandy lime (water, 3 bailers an hour) -	5	563
Lime shells - - - -	5	568
Sandy lime (water, 1 bailer an hour) -	27	595
Blue shale - - - -	12	607
Blue shale, lime shells - - - - -	18	625
Gray lime (water, $2\frac{1}{2}$ bailers an hour) -	10	635
Blue shale, lime shells - - - - -	8	643
Brown lime (water, 5 bailers an hour) -	17	660
Gray lime - - - - -	20	680
Gray lime - - - - -	34	714
TOTAL DEPTH		714
CASING RECORD: 380 feet of 10-inch, and 601 feet of $8\frac{1}{4}$ -inch casing.		

Driller's log of well 613

M. B. Pulliam ranch, $10\frac{1}{2}$ miles west of
San Angelo. Reported altitude, 1,823
feet.

Soil- - - - -	7	7
Red shale - - - -	28	35

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 613--Continued</u>		
Sandy lime - - - -	55	90
Sandy shale- - - -	65	155
Sand - - - - -	10	165
Sandy shale- - - -	10	175
Blue shale - - - -	5	180
Gray shale - - - -	20	200
Gray lime - - - - -	3	203
Sand- - - - -	23	226
Sandy shale- - - -	10	236
Blue shale - - - -	30	266
Sandy shale- - - -	50	316
Red rock (water, 1 bailer an hour at 378 feet)- - - -	94	410
White lime - - - -	6	416
Red rock - - - - -	6	422
Lime- - - - -	4	426
White shale- - - -	4	430
Lime - - - - -	4	434
Red rock - - - - -	6	440
Red shale - - - - -	30	470
Blue shale - - - -	30	500
Gumbo, green shale -	33	533
Green shale- - - -	21	554
Lime - - - - -	6	560
Sandy shale- - - -	10	570
Sand (hole full of water) - - - - -	25	595
Lime - - - - -	3	598
Sand (water) - - - -	17	615
Lime, shells - - - -	2	617
Sandy blue shale - -	10	627
Sandy lime - - - - -	8	635
Sandy blue shale - -	10	645
Sandy lime - - - - -	5	650
Light shale- - - - -	8	658
Blue shale - - - - -	27	685
Lime - - - - -	13	698
Gray lime - - - - -	10	708
Brown sand, lime - -	5	713
Blue shale - - - - -	2	715
Gray lime - - - - -	7	722
Gray sand - - - - -	2	724
Sand (water) - - - -	13	737
Sandy shale - - - -	22	759
Blue shale - - - - -	5	764
Lime - - - - -	11	775
Blue slate - - - - -	5	780
Sand - - - - -	128	908
TOTAL DEPTH		908
CASING RECORD: 528 feet of 10-inch, 658 feet of $8\frac{1}{4}$ -inch, and 730 feet of $6\frac{5}{8}$ - inch casing.		

Table of Drillers' Logs, Tom Green County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 620</u>		
M. B. Pulliam ranch, 10 $\frac{1}{2}$ miles west of San Angelo.		
Soil- - - -	5	5
Gray lime - - -	5	10
Red mud - - -	15	25
Lime- - - -	5	30
Red mud, gypsum - - -	20	50
Red mud - - -	20	70
Red mud, gypsum - - -	35	105
Sandy blue lime - - -	130	235
Sandy lime - - -	5	240
Iron pyrites- - -	10	250
Gray lime - - -	5	255
Sandy lime - - -	10	265
Sandy gray lime - - -	65	330
Light-colored shale - - -	5	335
Shale, gypsum - - -	35	370
Red rock - - -	90	460
White lime - - -	6	466
Red rock- - - -	18	484
Gray lime - - -	2	486
Red rock- - - -	14	500
Lime - - - -	10	510
Red rock- - - -	30	540
Blue shale - - -	20	560
Green shale - - -	30	590
Gray lime - - -	5	595
Light-colored shale - - -	5	600
Sandy lime - - -	10	610
Sand- - - -	10	620
Gray lime - - -	18	638
Light-colored shale - - -	7	645
Gray lime - - -	10	655
Light-blue shale- - -	10	665
Sand (hole full of water)- - - -	20	685
Sandy lime - - -	25	710
Blue shale - - -	20	730
Sandy gray lime - - -	20	750
White lime - - -	5	755
Lime- - - -	5	760
Sand (water, hole full of sulphur water) - - -	10	770
Brown lime - - -	15	785
TOTAL DEPTH		4039
CASING RECORD: 560 feet of 15 $\frac{1}{2}$ -inch, 794 feet of 12 $\frac{1}{2}$ -inch, 1,252 feet of 10-inch, 2,625 feet of 8 $\frac{1}{4}$ -inch, and 3,435 feet of 6-5/8-inch casing.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 630</u>		
Lewis and Wardlaw ranch, 14 $\frac{1}{2}$ miles southwest of San Angelo.		
Surface sand- - -	67	67
Surface rock, sand - - -	53	120
Lime- - - -	7	127
Red rock- - - -	23	150
Lime- - - -	20	170
Red rock, shells- - -	48	218
Green shale, shells - - -	151	369
Red rock, shale, shells- - - -	51	420
Red rock, shale - - -	40	460
Shale, shells - - -	50	510
Red rock- - - -	30	540
Green shale - - -	18	558
Lime- - - -	17	575
Green shale - - -	15	590
Sand (water)- - -	45	635
Medium hard lime- - -	25	660
Hard lime - - -	10	670
Medium hard lime- - -	15	685
Lime- - - -	60	745
Broken lime, sand - - -	105	850
Hard lime - - -	10	860
Sand (salt water) - - -	12	872
Lime- - - -	18	890
Shale - - - -	15	905
Medium hard lime- - -	30	935
Broken lime - - -	25	960
Hard lime - - -	30	990
Broken lime - - -	12	1002
TOTAL DEPTH		7586
CASING RECORD: 871 feet of 16-inch, and 3,989 feet of 9-5/8-inch casing.		

<u>Driller's log of well 642</u>		
M. D. Bryant ranch, 17 miles southwest of San Angelo. Reported altitude, 3,050 feet.		
Surface material - - -	4	4
Caliche- - - -	16	20
Gravel - - - -	15	35
Yellow shale - - -	15	50
Blue shale - - -	15	65
Gray shale - - -	25	90
Blue shale - - -	10	100
Sand (water) - - -	5	105
(Continued on next page)		

Table of Drillers' Logs, Tom Green County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 642--Continued</u>		
Blue shale - - -	13	118
Sand (amount of water increased) - -	5	123
Sandy shale- - -	27	150
Sandy blue shale - -	5	155
Gray shale - - -	7	162
Green shale- - -	6	168
Blue shale and shells - - -	13	181
Blue shale - - -	12	193
Blue shale and shells - - -	22	215
Red shale - - -	20	235
Red shale and shells - - -	7	242
Blue shale - - -	49	291
Blue shale and shells - - -	54	345
Lime- - - -	3	348
Blue shale and shells - - -	16	364
Sand (water, 1½ bailers an hour) -	7	371
Lime- - - -	3	374
Blue shale and shells - - -	29	403
Lime - - - -	12	415
Blue shale- - -	4	419
Gray lime - - -	15	434
Blue shale and shells - - -	16	450
Blue shale - - -	4	454
Lime- - - -	12	466
(hole full of sulphur water)		
TOTAL DEPTH		466
CASING RECORD: 200 feet of 8¼-inch, and 450 feet of 6-5/8-inch casing.		

Driller's log of well 745

R. C. Lawson et al., Campbell ranch, 21 miles southeast of San Angelo.		
Soil - - - -	6	6
Yellow clay- - -	29	35
Blue shale - - -	48	83
Gray lime - - -	2	85
Brown shale- - -	5	90
Gray lime - - -	3	93
Brown shale- - -	7	100
Lime - - - -	15	115
Blue lime - - -	8	123
Dark-colored shale -	34	157

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 745--Continued</u>		
Green shale - - -	8	165
Lime- - - -	5	170
Blue shale - - -	15	185
Red shale - - -	10	195
Blue shale - - -	3	198
Brown shale - - -	22	220
Gray shale - - -	22	242
Blue shale - - -	6	248
Gray lime (water, 1½ bailers an hour) -	7	255
Blue shale - - -	45	300
Lime shells - - -	35	335
Lime- - - -	15	350
Blue shale - - -	15	365
Lime shells - - -	60	425
Dark-blue shale - -	20	445
Blue shale, anhydrite- Blue lime, shale, anhydrite - - -	30	475
anhydrite - - -	20	495
Anhydrite - - -	3	498
Gray sand, anhydrite-	4	502
Blue shale - - -	7	509
Slate- - - -	7	516
Blue shale - - -	4	520
Lime, anhydrite - -	10	530
Lime shale - - -	17	547
Slate- - - -	3	550
Slate, brown lime -	31	581
Gray shale - - -	33	614
Blue lime shells- -	13	627
Lime shells, shale -	40	667
Gray lime- - - -	8	675
Brown shale, lime shells- - - -	10	685
Sandy gray lime - -	17	702
Gray lime - - - -	53	755
Gray lime, brown shale - - - -	23	778
Gray lime - - - -	7	785
Blue shale - - - -	5	790
Gray lime - - - -	8	798
Blue shale - - - -	4	802
Broken lime - - - -	11	813
Slate, shale - - - -	22	835
White lime - - - -	15	850
Dark-colored lime -	5	855
Dark-gray lime - -	40	895
Gray shale - - - -	5	900
Gray lime - - - -	28	928
Blue shale - - - -	4	932
Soft lime, hard shale - - - -	28	960

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Table of Drillers' Logs, Tom Green County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 745--Continued</u>		
Lime shells, brown shale - - - -	10	970
Gray lime - - - -	13	983
Blue shale - - - -	25	1008
Shale, lime shells - -	12	1020
Lime, slate - - - -	44	1064
Lime shells, shale - -	66	1130
Dark-colored lime - -	12	1142
Slate, brown shale - -	23	1165
Lime shells, shale - -	5	1170
Lime, slate, gypsum - -	5	1175
Brown lime - - - -	10	1185
Light-colored shale - -	20	1205
Lime shells, shale - -	80	1285
Lime- - - - -	5	1290
Slate, lime - - - -	29	1319
Hard brown lime - - -	23	1342
Lime shells, shale - -	13	1355
Shale, anhydrite- - -	18	1373
Lime shells - - - -	12	1385
Shells, shale, anhydrite - - - -	20	1405
Blue shale - - - -	56	1461
Lime shells, slate, shale - - - -	9	1470
Anhydrite, slate- - -	7	1477
Brown shells- - - -	3	1480
Dark-blue shale - - -	10	1490
Lime- - - - -	4	1494
Anhydrite, lime - - -	6	1500
Brown lime - - - -	7	1507
Anhydrite, shale - - -	28	1535
Lime- - - - -	12	1547
Broken lime, dark-colored shale - - -	15	1562
Lime shells, shale - -	14	1576
Brown lime - - - -	12	1588
Slate, lime - - - -	15	1603
Black lime, anhydrite- -	9	1612
Light-gray lime - - -	10	1622
Brown shale, anhydrite- -	10	1632
Lime- - - - -	3	1635
Shale - - - - -	10	1645
Lime, anhydrite - - -	2	1647
Gray lime - - - -	17	1664
Brown shale, lime - - -	16	1680
Broken lime - - - -	5	1685
Lime shells, shale - -	19	1704
Sand (water)- - - -	4	1708
Brown lime, anhydrite- -	12	1720
Gray lime, anhydrite- -	4	1724
Lime, anhydrite - - -	66	1790
Gray lime - - - -	45	1835

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 745--Continued</u>		
Lime- - - - -	15	1850
Blue shale - - - -	8	1858
Lime- - - - -	12	1870
Blue shale - - - -	12	1882
Gray lime - - - -	5	1887
Grayish-green shale - -	6	1893
Gray lime - - - -	7	1900
Blue shale, broken lime - - - -	54	1954
Gray lime - - - -	36	1990
Light-gray lime (hole full of water) - - -	4	1994
TOTAL DEPTH		1994
CASING RECORD: 430 feet of 12 $\frac{1}{2}$ -inch casing.		

<u>Driller's log of well 760</u>		
Upton Ranch, 23 miles southeast of San Angelo.		
Cellar - - - -	15	15
Lime- - - - -	60	75
Cavern - - - -	7	82
Lime- - - - -	28	110
Broken lime - - - -	35	145
Caliche - - - -	30	175
Broken lime - - - -	85	260
Lime- - - - -	14	274
Soft lime (water, 1 bailer an hour) - -	11	285
Broken lime (water, 3 bailers an hour at 330 feet) - - - -	50	335
Lime- - - - -	25	360
Blue shale - - - -	30	390
Lime- - - - -	60	450
Blue shale - - - -	15	465
Red rock- - - -	5	470
Shale, shells - - - -	15	485
Brown shale - - - -	30	515
Lime- - - - -	10	525
Red shale - - - -	5	530
Shale, shells - - - -	10	540
Broken lime - - - -	9	549
Lime- - - - -	7	556
Blue shale - - - -	11	567
Lime- - - - -	3	570
Blue shale - - - -	10	580
Shale, shells - - - -	165	745
Lime- - - - -	10	755
Shale, shells - - - -	75	830
Lime- - - - -	45	875

(Continued on next page)

Table of Drillers' Logs, Tom Green County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 760--Continued</u>		
Lime and shale - - - - -	35	910
Shale, shells - - - - -	25	935
Shale - - - - -	5	940
Lime - - - - -	15	955
Broken lime - - - - -	25	980
Lime - - - - -	140	1120
Lime, anhydrite - - - - -	40	1160
TOTAL DEPTH - - - - -		5637
CASING RECORD: 602 feet of 15 $\frac{1}{2}$ -inch, 1,515 feet of 12 $\frac{1}{2}$ -inch, 2,548 feet of 10 $\frac{3}{4}$ -inch, and 3,863 feet of 8-5/8- inch casing.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 761</u>		
T. J. Clegg ranch, 26 $\frac{1}{2}$ miles southeast of San Angelo.		
Sand and gravel - - - - -	30	30
Red rock - - - - -	35	65
Blue slate (water at 200 feet) - - - - -	200	265
Sandy lime - - - - -	10	275
Blue slate - - - - -	60	335
Gypsum - - - - -	5	340
Sandy slate and broken lime (salt water at 350 feet) - -	40	380
Blue slate - - - - -	50	430
Brown slate - - - - -	173	603
Sandy lime - - - - -	30	633
Blue slate - - - - -	5	638
Sandy lime - - - - -	4	642
Red rock - - - - -	10	652
Sand - - - - -	2	654
Sandy shale - - - - -	10	664
Shale - - - - -	30	694
Sandy shale - - - - -	21	715
Brown shale - - - - -	15	730
Lime - - - - -	17	747
Broken lime - - - - -	13	760
Shale - - - - -	40	800
Lime - - - - -	4	804
Shale - - - - -	70	874
Lime shells - - - - -	5	879
Shale - - - - -	11	890
Lime - - - - -	2	892
Sand - - - - -	4	896
Shale - - - - -	50	946
TOTAL DEPTH - - - - -		3630
CASING RECORD: 652 feet of 15 $\frac{1}{2}$ -inch, 849 feet of 12 $\frac{1}{2}$ -inch, 1,884 feet of 10- inch, 2,880 feet of 8-inch, and 3,057 feet of 6 $\frac{1}{2}$ -inch casing.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 764</u>		
J. W. Johnson tract, 12 miles south of San Angelo.		
Cellar - - - - -	12	12
Red soil - - - - -	4	16
Lime, gravel - - - - -	22	38
Lime - - - - -	37	75
Blue shale - - - - -	25	100
Lime, blue shale (sulphur water, $\frac{1}{2}$ bailer an hour at 125 feet) - - - - -	30	130
Lime - - - - -	18	148
Blue shale - - - - -	92	240
Lime - - - - -	10	250
Brown sand (sulphur water, 1 bailer an hour at 260 feet) - - - - -	20	270
Lime - - - - -	73	343
Gray lime - - - - -	37	380
Hard gray lime - - - - -	45	425
Gray lime - - - - -	67	492
Gray sand (hole full of sulphur water) - - -	8	500
Gray lime - - - - -	30	530
Lime - - - - -	20	550
Gray lime - - - - -	17	567
Blue shale - - - - -	13	580
White mud - - - - -	25	605
White shale - - - - -	10	615
White mud - - - - -	30	645
Blue shale - - - - -	79	724
Blue shale, lime - - - -	16	740
Blue shale, lime - - - -	50	790
Blue shale - - - - -	55	845
Blue shale, lime shells- Gray lime - - - - -	20	865
Blue shale - - - - -	5	870
Blue shale - - - - -	10	880
Blue shale, lime shells- Lime - - - - -	35	915
Blue shale - - - - -	20	935
Blue shale - - - - -	10	945
Gray lime - - - - -	10	955
Blue shale - - - - -	9	964
Gray lime - - - - -	8	972
Blue shale - - - - -	17	989
Gray lime - - - - -	41	1030
Blue shale - - - - -	35	1065
Sand (water flowed) - -	5	1070
Gray lime - - - - -	30	1100
TOTAL DEPTH - - - - -		3417
CASING RECORD: 20 feet of 20-inch, 337 feet of 15 $\frac{1}{2}$ -inch, 637 feet of 12 $\frac{1}{2}$ -inch, 1,394 feet of 10-inch, and 2,390 feet of 8 $\frac{1}{4}$ -inch casing.		

Table of Drillers' Logs, Tom Green County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 768</u>		
H. J. DeLong tract, 16 miles south of San Angelo.		
White lime - - -	80	80
Blue shale - - -	90	170
Gray lime- - - -	20	190
White lime (sulphur water)- - -	15	205
Blue shale - - -	25	230
Brown lime - - -	10	240
Blue shale - - -	6	246
Lime shells - - -	64	310
Blue shale - - -	90	400
White lime - - -	40	440
Gray lime - - -	5	445
Blue shale - - -	7	452
White lime - - -	24	476
Sandy brown lime- -	39	515
Brown lime - - -	10	525
TOTAL DEPTH		525
CASING RECORD: 10 feet of 8-inch, 176 feet of 6-5/8-inch, and 478 feet of 5-3/16-inch casing.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 780</u>		
H. J. DeLong ranch, 17 $\frac{1}{2}$ miles south of San Angelo.		
Brown top soil, dolomite and caliche - - -	115	115
Gray shaley dolomite, gray shale- - -	4	119
Gray lime, anhydrite, and pyrite- - -	44	163
Cream-colored dolomite - - -	7	170
Brown dolomite - - -	9	179
Gray dolomite - - -	10	189
Gray dolomite, gray shale - - -	4	193
Gray dolomite - - -	38	231
Brown dolomite - - -	19	250
Gray dolomite- - -	13	263
Gray dolomite, gray shale - - -	5	268
Gray dolomite - - -	7	275
Brown dolomite - - -	20	295
Gray dolomite - - -	15	310
Gray shale - - -	15	325
Cream-colored dolomite - - -	1	326
Cream-colored dolomite, gray shale- - -	34	360

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 780--Continued</u>		
Gray dolomite and shale - - -	28	388
Gray shale - - -	6	394
Cream-colored dolomite - - -	9	403
Cream-colored dolomite and gray shale- - -	2	405
Brown dolomite - - -	17	422
Gray dolomite - - -	8	430
Brown dolomite and shale- - -	5	435
White dolomite and shale - - -	10	445
Brown dolomite and shale - - -	5	450
Dolomite- - -	11	461
Brown dolomite and shale - - -	5	466
Gray dolomite - - -	8	474
White dolomite - - -	12	486
Gray dolomite and shale - - -	12	498
Gray dolomite - - -	5	503
Brown dolomite - - -	2	505
Gray dolomite - - -	13	518
Gray dolomite (water)-	4	522
Gray dolomite - - -	3	525
Brown dolomite - - -	5	530
Gray dolomite - - -	5	535
Brown dolomite and shale- - -	12	547
Brown dolomite - - -	8	555
TOTAL DEPTH		555
CASING RECORD: 238 feet of 8-inch and 476 feet of 6-inch casing.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 781</u>		
Mrs. S. V. Pugh ranch, 19 miles south of San Angelo.		
Hard white lime - - -	38	38
Hard yellow lime- - -	6	44
Hard white lime - - -	3	47
Hard blue lime - - -	9	56
Blue shale- - -	1	57
Hard blue lime - - -	11	68
Blue shale- - -	2	70
Gray lime- - -	4	74
Broken shells and blue shale- - -	5	79
Blue shale - - -	59	138
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Table of Drillers' Logs, Tom Green County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 781--Continued</u>		
Chalky blue shale -	17	155
Blue shale - - -	13	168
Broken formation- -	2	170
Broken lime - - -	4	174
Gray lime - - -	2	176
Hard lime - - -	4	180
Sand- - - - -	1	181
Lime- - - - -	3	184
Lime- - - - -	17	201
Hard lime pebbles (blue, black, white, and green colors) -	8	209
White lime - - -	2	211
Blue shale - - -	3	214
Gray lime - - -	10	224
Black sand rock - -	1	225
Blue shale - - -	3	228
Hard coal shale - -	2	230
Lime- - - - -	8	238
Sand (water, 11 bailers an hour) -	2	240
Hard sandy brown lime rock - - -	12	252
Clay- - - - -	1	253
Hard gray lime - -	4	257
Gray shale - - -	7	264
Sandy gray lime - -	14	278
Black lime - - -	4	282
Gray lime - - -	3	285
Soft black lime (some gray) - - - - -	5	290
Sandy blue shale- -	12	302
Gray lime rock, sandy shale - - -	1	303
Sandy gray shale- -	6	309
Gray lime rock - -	3	312
Broken shells, sandy shale - - -	8	320
Hard black lime rock-	3	323
Gray shale, small shells, rock - - -	9	332
Hard brown lime rock-	4	336
Shale - - - - -	9	345
Gray lime rock - -	6	351
Blue shale - - -	9	360
Shale - - - - -	2	362
Hard brown sand rock-	8	370
Shale - - - - -	18	388
Sandy lime - - -	2	390
Shale - - - - -	2	392
Shale freaks- - -	13	405
TOTAL DEPTH		405
CASING RECORD: 220 feet of 7-inch and 361 feet of 5-3/16-inch casing.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 785</u>		
L. N. Nickey Estate, 21 $\frac{1}{2}$ miles south of San Angelo.		
Gray lime- - - -	16	16
Coarse-grained sand -	4	20
Lime- - - - -	85	105
Sand (fresh water) -	3	108
Shale - - - - -	50	158
Lime- - - - -	3	161
Shale- - - - -	25	186
Sandy lime - - -	14	200
Sandy shale - - -	45	245
Lime - - - - -	17	262
Sandy lime (sulphur water) - - - - -	2	264
Lime - - - - -	9	273
Sand - - - - -	2	275
Lime - - - - -	35	310
Shale- - - - -	13	323
Lime - - - - -	12	335
Sandy shale - - -	10	345
Hard lime- - - -	15	360
Sandy shale - - -	21	381
TOTAL DEPTH		381
CASING RECORD: 164 feet of 6-5/8-inch and 300 feet of 5-3/16-inch casing.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 802</u>		
W. L. Williams ranch, 25 $\frac{1}{2}$ miles south- west of San Angelo. Reported altitude, 2,776 feet.		
Lime- - - - -	228	228
White shale - - -	42	270
Sand (water, 2 bailers an hour) -	3	273
White sand - - -	13	286
Lime- - - - -	4	290
White shale - - -	30	320
Lime (hole full of water)- - - - -	96	416
Brown lime - - -	8	424
Lime- - - - -	101	525
Green shale - - -	25	550
Gray shale - - -	5	555
Brown lime - - -	10	565
White shale - - -	30	595
Blue gumbo - - -	5	600
Lime- - - - -	5	605
White shale - - -	90	695
White lime - - -	450	1145
Sand (hole full of water)- - - - -	10	1155
Gray lime - - -	485	1640
Slate - - - - -	10	1650
TOTAL DEPTH		3010
CASING RECORD: 635 feet of 12 $\frac{1}{2}$ -inch and 1,440 feet of 10-inch casing.		

Logs of test wells drilled by W. P. A. labor in Tom Green County, Texas

	Thickness (feet)	Depth (feet)
<u>Well 55</u>		
Flat, M. Nolke track, 3/4 mile northwest of Grand Avenue and Chadbourne Street in San Angelo.		
Surface soil - - -	1	1
Hard caliche - - -	4	5
Caliche - - - -	20	25
Rock - - - - -	2	27
September 10, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 80</u>		
Sink, Partin tract, 1/2 mile northeast of Grand Avenue and Chadbourne Street in San Angelo.		
Top soil - - - -	2	2
Clay and caliche - - -	4	6
Gray clay- - - - -	2	8
Caliche and clay - - -	2	10
Caliche - - - - -	19	29
Clay and caliche with gravel (water) - - -	3	32
White caliche- - - -	4	36
Water level, 30.5 feet below land surface, 1 hour after hole completed. December 31, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 100</u>		
Flat, J. J. Hubbard tract, 7/8 mile east of Grand Avenue and Chadbourne Street in San Angelo.		
Surface soil - - -	3	3
Caliche- - - - -	12	15
Reddish clay - - - -	5	20
Reddish clay and gravel - - - - -	3	23
September 19, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 133</u>		
Flat, Hubert Hudson tract, 3/4 mile southeast of Grand Avenue and Chadbourne Street in San Angelo.		
Surface soil - - -	2	2
Caliche - - - - -	45	47
Brown clay (water at 50 feet)- - -	3	50
Blue clay - - - - -	2	52
Gravel- - - - -	1	53
Water level, 49 feet below land surface, 2 hours after hole completed. December 10, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 214</u>		
Flat, Thad Hardin tract, 3/4 mile west of Water Valley.		
Surface soil - - -	6	6
Sand and clay- - -	2	8
Sand, clay and rock - - -	6	14
Clay - - - - -	7	21
Sand and gravel (water)- - - - -	3	24
Gravel - - - - -	3	27
September 18, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 242</u>		
On creek bank, M. D. Kennemer tract, 15 miles northwest of San Angelo.		
Surface soil - - - -	3	3
Alluvial sandy loam- - -	2	5
Alluvial sandy loam and gravel - - - - -	2	7
Caliche- - - - -	2	9
Caliche and lime - - -	5	14
Greenish-yellow shale - - -	5	19
Dark rusty yellow shale- - -	8	27
Bluish shale (water at 34 feet) - - - - -	7	34
Blue shale and sand- - -	3	37
Sandy greenish-blue shale- - - - -	2	39
Water level, 26.9 feet below land surface, 16 hours after hole completed. December 4, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 312</u>		
Flat, B. T. Jones tract, 1 1/2 miles northwest of San Angelo.		
Surface soil - - -	3	3
Black soil - - - - -	2	5
Caliche and sand - - -	7	12
Gravel - - - - -	4	16
September 11, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 325</u>		
Flat, T. Garden tract, 9-3/4 miles northwest of San Angelo.		
Surface soil - - -	2	2
Sandy dark-colored loam - - - - -	1	3
Caliche - - - - -	5	8
Tan-colored clay, caliche and gravel - - -	1	9

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Logs of W. P. A. test wells in Tom Green County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 325--Continued</u>		
Caliche and lime- - -	19	28
Clay and lime- - -	4	32
Brown clay and caliche- - -	5	37
Clay and gravel - - -	2	39
Rocks and boulders - -	2	41
November 26, 1940.		

<u>Well 329</u>		
Flat, P. N. Robins tract, 6-3/4 miles northwest of San Angelo.		
Surface soil- - -	1	1
Sandy brown soil- - -	1	2
Gray caliche- - -	3	5
White caliche - - -	5	10
Sandy tan-colored clay - - -	6	16
Red clay- - -	2	18
Limestone and gravel-	3	21
November 25, 1940.		

<u>Well 382</u>		
In draw, J. W. Johnson tract, 12 1/2 miles northeast of San Angelo.		
Surface soil- - -	4	4
Red clay and sand - - -	4	8
Red clay and gravel - -	2	10
Gravel (water at 15 feet)- - -	5	15
October 2, 1940.		

<u>Well 412</u>		
Flat, Carl Bird tract, 15 1/2 miles northeast of San Angelo.		
Surface soil- - -	3	3
Tan-colored clay and caliche - - -	3	6
Caliche- - -	7	13
Sand and gravel - - -	7	20
Rock- - -		20
January 14, 1941.		

<u>Well 415</u>		
In valley, T. S. Chambers tract, 13 1/2 miles northeast of San Angelo.		
Surface soil- - -	2	2
Sandy brown clay- - -	9	11
Sand- - -	7	18
Gravel (water) - - -	1	19

	Thickness (feet)	Depth (feet)
<u>Well 415--Continued</u>		
Water level, 19 feet below land surface, 1 hour after hole completed, January 17, 1941.		

<u>Well 420</u>		
On river bank, Johnson ranch, 11 1/2 miles northeast of San Angelo.		
Surface soil- - -	2	2
Alluvial sand, gravel and clay (water at 16 1/2 feet) - - -	15	17
Water level, 16.0 feet below land surface, 2 hours after hole completed, November 22, 1940.		

<u>Well 453</u>		
Flat, John Lichnosky tract, 5 1/4 miles northeast of San Angelo.		
Surface soil- - -	1	1
Sandy clay and gravel-	5	6
Sandy tan-colored clay- - -	4	10
Sandy tan-colored clay and gravel - -	2	12
Reddish-brown clay - - -	12	24
Red clay- - -	7	31
Red clay and caliche-	5	36
Red clay- - -	5	41
January 9, 1941.		

<u>Well 454</u>		
Flat, Currin Jones tract, 3 1/2 miles northeast of San Angelo.		
Surface soil- - -	3	3
Tan-colored clay and caliche - - -	3	6
Sandy reddish clay - - -	5	11
Brown clay - - -	2	13
Caliche - - -	7	20
Brown clay and gravel-	14	34
Brown clay - - -	9	43
Sandy reddish clay - - -	7	50
Sandy brown clay and gravel- - -	1	51
January 9, 1941.		

Logs of W. P. A. test wells, Tom Green County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 456</u>		
Side of county road, 1-3/4 miles north-east of San Angelo.		
Surface soil- - -	2	2
Caliche and clay- - -	3	5
Caliche- - - -	13	18
Caliche and clay- - -	6	24
Caliche and lime- - -	7	31
Blue clay - - -	5	36
Tan-colored clay and gravel- - -	4	40
Blue clay - - -	1	41
Blue clay and gravel- -	2	43
January 22, 1941.		

	Thickness (feet)	Depth (feet)
<u>Well 458</u>		
Edge of sink, side of county road, 2 miles east of San Angelo.		
Surface soil- - -	4	4
White chalk (water at 6 feet) - - -	2	6
Tan-colored sand- - -	5	11
Clay- - - -	1	12
Water level, 4.1 feet below land surface, 15 hours after hole completed, October 31, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 459</u>		
Edge of sink, side of county road, 2 1/4 miles east of San Angelo.		
Surface soil- - -	4	4
Caliche and gravel (water at 6 feet) -	2	6
Gravel- - - -	2	8
Water level, 4.6 feet below land surface, 15 hours after hole completed, October 31, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 460</u>		
Edge of sink, side of county road, 3 miles east of San Angelo.		
Surface soil- - -	3	3
Sandy brown clay- -	18	21
Dark-colored clay and gravel- - -	3	24
Gray clay and gravel (water)- -	1	25
Gray clay - - -	6	31
Water level, 25.5 feet below land surface, 15 hours after hole completed. October 31, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 466</u>		
Flat, side of county road, 6 1/2 miles east of San Angelo.		
Surface soil- - -	3	3
Clay- - - -	3	6
Caliche - - - -	6	12
Caliche and clay- -	7	19
August 20, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 524</u>		
In sink, C. H. Timm tract, 13 miles east of San Angelo.		
Surface soil- - -	3	3
Black gumbo - - -	9	12
Light-gray clay - -	4	16
Reck - - - -	-	16
November 4, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 558</u>		
Flat, F. A. Braden tract, 10 miles southeast of San Angelo.		
Surface soil- - -	4	4
Brown clay - - -	2	6
Tan-colored sand and clay - - -	5	11
Brown clay - - -	5	16
Tan-colored sand and clay - - -	4	20
Lime and gravel - -	13	33
November 11, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 568</u>		
Flat, Viola Kornck tract, 4 1/2 miles southeast of San Angelo.		
Surface soil- - -	1	1
Dark-colored gumbo -	2	3
Caliche- - - -	2	5
Caliche and gravel -	2	7
Clay and caliche- -	3	10
Chalk - - - -	2	12
Tan-colored clay- -	6	18
November 6, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 591</u>		
In sink, City of San Angelo tract, 2 miles southwest of San Angelo.		
Surface soil- - -	1	1
Caliche and gravel -	8	9
Caliche, clay and gravel- - - -	2	11

(Continued on next page)

Logs of W. P. A. test wells, Tom Green County--Continued

	Thickness (feet)	Depth (feet)
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Well 591--Continued

Brown clay - - -	2	13
Iron rock- - -		13
February 12, 1941.		

Well 592

Flat, B. B. Gilly tract, 3 $\frac{1}{2}$ miles southwest of San Angelo.		
Surface material- -	6	6
Gravel and sand (water at 13 feet)-	7	13
Red clay- - -	2	15
August 26, 1940.		

Well 601

In draw, B. Maier tract, 8 $\frac{1}{4}$ miles southwest of San Angelo.		
Surface soil- - -	2	2
Caliche and clay- -	6	8
Rock- - -	1	9
Clay (water at 9 $\frac{1}{2}$ feet) - - -	2	11
Clay and sand - -	3	14
Yellow sand - - -	1	15
September 7, 1940.		

Well 626

Flat, C. H. Wardlow tract, 13 $\frac{1}{2}$ miles west of San Angelo.		
Surface soil- - -	4	4
Gravel and sand - -	4	8
Caliche and sand- -	4	12
Gravel- - -	3	15
September 6, 1940.		

Well 637

Flat, J. P. Lee tract, in Tankersly.		
Surface soil- - -	2	2
Gravel and caliche - -	2	4
Caliche- - -	9	13
Clay- - -	6	19
Clay and sand - -	7	26
August 28, 1940.		

Well 659

Flat, Arthur Broom tract, 11 miles southwest of San Angelo.		
Surface soil- - -	1	1

	Thickness (feet)	Depth (feet)
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Well 659--Continued

Brown loam - - -	2	3
Caliche and clay- -	5	8
Brown clay - - -	6	14
Tan-colored clay- -	6	20
Sandy light-colored clay - - -	4	24
Rock- - -		24
January 28, 1941.		

Well 662

Flat, 12 miles southwest of San Angelo.		
Surface soil- - -	3	3
Dark-colored clay - -	2	5
Caliche and clay- -	4	9
Caliche and gravel - -	2	11
Clay and caliche- -	1	12
Caliche and gravel - -	5	17
Rock- - -		17
November 12, 1940.		

Well 668

Flat, near Nasworthy Lake, 7 miles southwest of San Angelo.		
Surface soil- - -	3	3
Clay and caliche (water at 8 feet) - -	5	8
Clay- - -	8	16
Clay and sand - -	2	18
Clay and gravel - -	1	19
August 23, 1940.		

Well 669

Flat, West Texas Utilities tract, 6 miles southwest of San Angelo.		
Surface soil- - -	2	2
Red sand and clay - -	3	5
Caliche - - -	3	8
Gravel and clay - -	2	10
Yellow sand - - -	3	13
Clay- - -	3	16
Red clay (water at 17 feet) - - -	4	20
September 4, 1940.		

Well 671

Flat, West Texas Utilities tract, 5-3/4 miles south of San Angelo.		
Surface soil- - -	2	2
(Continued on next page)		

Logs of W. P. A. test wells, Tom Green County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 671--Continued</u>		
Yellow caliche - -	3	5
Caliche and clay -	2	7
Clay- - - -	12	19
October 9, 1940.		

<u>Well 730</u>		
On creek bank, C. S. Calahan tract, 15 miles southeast of San Angelo.		
Surface soil- - -	3	3
Brown clay - - -	5	8
Caliche- - - -	3	11
Limestone and gravel-	3	14
Blue clay - - -	3	17
Yellow clay and gravel (water at 18 feet) - - -	1	18
Rock- - - -		18
Water level, 16.3 feet below land surface, 1 hour after hole completed. February 5, 1941.		

<u>Well 742</u>		
Upland flat, side of county road, 21 miles southeast of San Angelo.		
Surface soil- - -	4	4
Caliche - - - -	4	8
Tan-colored clay and caliche - - -	4	12
Red clay - - -	3	15
October 18, 1940.		

<u>Well 743</u>		
On creek bank, side of county road, 17½ miles southeast of San Angelo.		
Surface soil- - -	3	3
Sandy dark-colored soil- - - -	3	6

	Thickness (feet)	Depth (feet)
<u>Well 743--Continued</u>		
Caliche and dark-colored clay - -	4	10
Dark rusty clay and gravel (water at 13 feet) - - -	3	13
Yellow clay - - -	2	15
Water level, 11.1 feet below land surface, 2 hours after hole completed. October 30, 1940.		

<u>Well 766</u>		
In draw, side of U. S. Highway 277, 13 miles south of San Angelo.		
Surface soil- - -	1	1
Caliche- - - -	2	3
Conglomerate- - -	3	6
Caliche- - - -	3	9
October 10, 1940.		

<u>Well 767</u>		
Edge of draw, S. H. Shipley tract, 16 miles south of San Angelo.		
Surface soil- - -	3	3
Clay and caliche- -	4	7
Sandy tan-colored clay - - - -	2	9
Clay, sand and gravel- - - -	4	13
Clay and gravel (water at 16 feet)-	3	16
Rusty-colored clay and gravel- - -	1	17
Water level, 15.2 feet below land surface, 72 hours after hole completed. October 12, 1940.		

Partial analyses of water from wells and springs in Tom Green County, Texas

Analyzed by the Work Projects Administration at The University of Texas under the direction of Dr. E. P. Schoch, Director of the Bureau of Industrial Chemistry, and E. W. Lohr, Chemist, U. S. Department of the Interior, Geological Survey. Nitrate and Fluoride determined by E. W. Lohr. Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
10	L. W. Hirshfield	80	Jan. 20, 1941	505	104	49	22	403	26	106	b/	-	460
15	Frank Findelater	70	do.	505	107	44	26	433	26	80	b/	0.3	447
35	R. C. Irving	80	Jan. 9, 1941	528	112	42	28	397	38	104	b/	-	456
36	J. S. Bilbo	80	Oct. 10, 1940	584	102	41	61	360	39	150	b/	-	426
38	Edgar Harris	80	Jan. 9, 1941	513	103	48	24	366	42	116	b/	-	455
47	Henry Howard	80	do.	517	95	45	37	317	42	142	b/	-	423
57	J. Hulsey	68	Sept. 11, 1940	789	141	68	61	421	47	260	b/	-	632
58	H. Lochady	92	do.	847	-	-	-	366	54	300	b/	-	-
60	San Angelo Fair Grounds Assn.	80	Feb. 17, 1938	659	126	76	5	329	67	195	28	0.4	627
60	do.	80	Oct. 1, 1940	610	116	43	55	360	30	176	b/	0.4	466
64	W. H. Kirk	80	Jan. 9, 1941	453	94	39	25	366	25	82	b/	0.2	394
71	Tom Green County	80	Apr. 4, 1939	719	70	41	147	342	49	230	b/	0.2	346
78	do.	-	do.	897	114	56	148	305	49	380	b/	-	515
79	E. Therp	104	Jan. 7, 1941	2,797	517	198	234	226	42	1,690	b/	-	2,107
80	W. P. A. Test	-	Dec. 31, 1940	2,374	524	201	56	214	26	1,450	b/	-	2,134
82	G. M. Wilson	65	Jan. 8, 1941	853	132	50	119	354	53	310	b/	0.5	536
83	Mrs. - Upshaw	69	do.	2,553	238	116	561	201	119	1,420	b/	-	1,071
84	M. L. Woodul	72	do.	3,217	448	186	489	268	94	1,860	b/	-	1,885
85	J. J. Long	62	Jan. 7, 1941	2,761	389	159	417	244	72	1,600	b/	-	1,628
c/ 86	W. H. Kindred	72	Jan. 8, 1941	2,975	418	169	454	268	83	1,710	b/	0.1	1,739
c/ 87	S. B. Wallace	65	do.	1,894	174	63	453	323	121	900	24	-	694
88	H. K. Ray	105	do.	1,150	101	61	247	305	121	470	b/	-	503
90	H. F. Roach	68	do.	1,909	291	126	238	201	49	1,090	b/	0.2	1,248
92	W. H. Thorp	77	Jan. 7, 1941	2,803	372	168	436	153	60	1,680	b/	-	1,619
93	G. Coulter	72	do.	1,570	234	105	205	299	51	820	b/	-	1,015
c/ 98	E. M. Cochran	68	Jan. 13, 1941	1,127	142	73	177	366	87	450	b/	0.7	655
101	R. P. Cagle	62	Jan. 4, 1941	1,205	242	104	53	256	20	640	b/	-	1,034
107	W. R. Parry	70	do.	1,416	252	109	120	293	31	750	b/	-	1,077

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 80

Partial analyses of water from wells and springs in Tom Green County--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
109	J. M. McMillan	65	Jan. 3, 1941	583	109	48	47	403	23	150	b/	-	470
118	John Cuninham	70	Dec. 31, 1940	435	75	47	26	329	27	98	b/	-	379
119	Duke Robinson Est.	60	do.	601	103	63	32	329	42	180	b/	-	514
125	A. L. Faves	80	Jan. 1, 1941	942	158	87	72	439	68	340	b/	-	754
126	F. R. Rowsey	65	do.	682	121	55	57	390	46	190	21	-	529
128	Mrs. C. Baker	90	do.	598	108	50	46	329	38	180	b/	-	476
c/133	W. P. A. Test	50	Dec. 15, 1940	624	118	60	34	372	34	195	b/	0.2	542
137	H. Dittleman	60	Dec. 31, 1940	669	131	55	41	329	34	230	b/	-	554
138	Joe Hall	65	do.	671	132	58	39	354	22	230	b/	-	566
139	Jim Thornton	65	do.	588	97	56	42	262	27	220	b/	-	475
146	L. L. Ingraham	81	do.	760	106	85	63	372	33	290	b/	-	612
155	F. Hall	60	Jan. 7, 1941	651	105	63	52	390	49	180	b/	-	519
159	Mrs. J. Keating	40	Jan. 6, 1941	3,113	352	312	229	299	152	1,170	750	1.3	2,163
160	F. R. Robinson	66	Jan. 7, 1941	687	104	61	62	348	53	195	41	-	513
163	L. P. Cole	80	Jan. 6, 1941	698	112	60	63	390	49	190	32	-	527
165	F. P. Furgurson	85	do.	1,001	162	85	83	458	68	300	78	-	752
168	Muller Miller	72	Dec. 31, 1940	880	133	75	71	342	68	250	115	0.1	641
171	E. T. Swladell	108	Jan. 6, 1941	934	147	72	95	378	76	320	38	-	665
c/172	W. D. Langston	83	do.	1,091	158	96	109	427	95	390	33	0.2	789
175	R. S. Atkinson	75	do.	813	126	71	76	421	68	240	25	-	609
176	E. A. Kiser	75	Sept. 11, 1940	735	115	58	81	415	54	210	b/	-	526
177	Chas. Holster	75	Jan. 7, 1941	839	138	79	61	384	72	280	20	-	668
178	J. K. Harris	60	do.	668	104	68	50	360	53	200	b/	-	537
179	I. G. Morrow	57	do.	678	115	64	49	390	60	188	b/	-	549
180	John T. Barton	71	do.	547	71	52	57	281	43	150	36	-	392
183	C. L. Cunningham	90	Jan. 6, 1941	763	134	68	54	354	38	270	25	-	612
186	W. C. Smoot	76	Jan. 3, 1941	466	80	43	40	372	30	90	b/	0.3	377
194	K. Ellis	70	do.	406	69	41	29	336	33	62	b/	-	340
215	G. P. Ainsworth	50	Feb. 17, 1938	578	95	63	27	348	108	101	b/	1.2	494
c/215	do.	70	Sept. 12, 1940	633	98	62	52	421	89	120	b/	0.6	498
230	Jake Z. Harper	87	do.	439	68	48	31	403	66	27	b/	-	370
234	- Wilson	63	Dec. 3, 1940	301	69	31	7	348	a/	15	b/	-	299

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 80

Partial analyses of water from wells and springs in Tom Green County--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
242	W. P. A. Test	39	Dec. 4, 1940	270	56	33	4	305	14	13	b/	0.3	275
243	Roy Harris	60	Oct. 1, 1940	556	107	44	38	384	46	100	32	-	447
243	do.	60	Apr. 7, 1939	626	-	-	-	378	56	130	25	-	-
244	J. T. Kolb	60	Dec. 2, 1940	425	76	40	25	329	50	45	28	0.5	355
c/246	Sid Martin	60	do.	318	66	34	11	354	16	16	b/	0.6	306
252	M. D. Kennemer	140	Nov. 29, 1940	1,082	120	72	153	336	421	150	b/	0.6	594
253	do.	100	do.	350	60	11	63	336	31	20	b/	-	197
256	do.	85	do.	280	46	40	6	305	27	11	b/	-	280
260	J. Z. Harper	78	Sept. 12, 1940	381	67	42	6	378	39	33	b/	-	391
270	Mrs. C. Clegg	68?	do.	638	100	62	50	470	120	70	b/	-	503
c/271	State of Texas	45	Sept. 11, 1940	131	13	7	30	116	12	12	b/	0.3	59
273	D. W. Wilson	60	Sept. 10, 1940	2,816	334	134	480	506	698	905	b/	0.6	1,388
274	Tom Green County	48	Feb. 18, 1938	532	85	40	58	336	79	93	b/	0.9	374
275	Conley Est.	60	Dec. 5, 1940	441	88	44	19	384	38	63	b/	-	402
276	Wedge Turner	140	do.	287	69	31	1	336	a/	14	b/	0.3	299
278	Conley Est.	56	do.	367	87	37	7	427	a/	18	b/	-	368
280	do.	50	do.	609	90	53	61	372	115	106	b/	0.6	442
281	do.	60	Dec. 6, 1940	399	88	40	14	464	12	17	b/	-	385
c/284	-	80	do.	592	94	50	61	390	50	138	b/	0.6	441
285	J. Butler	100	Oct. 1, 1940	640	89	54	85	458	31	156	b/	-	443
286	Sid Martin	55	do.	501	-	-	-	384	25	96	b/	-	-
287	W. R. Berry	41	Dec. 6, 1940	772	94	67	93	317	123	220	b/	0.6	511
288	H. E. Groves	50	Oct. 1, 1940	2,581	244	202	362	348	787	770	45	0.3	1,440
290	Fulton Est.	82	Apr. 7, 1939	443	91	44	21	464	30	29	b/	-	407
290	do.	82	Oct. 1, 1940	475	85	44	41	488	27	38	b/	-	392
c/291	M. D. Kennemer	109	Nov. 29, 1940	5,873	591	264	998	171	2,605	1,330	b/	0.7	2,562
298	Brokaw Est.	60	Dec. 5, 1940	349	76	32	17	366	20	24	b/	-	319
311	- Shaw	65	do.	344	68	36	18	384	12	21	b/	-	317
313	- Sledge	65	do.	277	42	36	15	287	10	22	b/	0.2	252
314	W. Wynmling	64	do.	345	46	32	49	378	12	20	b/	-	245
316	Tom Green County	75	do.	387	88	34	16	408	22	26	b/	0.4	361
317	Ernest Groff	85	Apr. 5, 1939	311	-	-	-	256	27	40	b/	-	-
317	do.	85	Oct. 1, 1940	480	82	40	49	433	22	64	b/	-	370

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 80

Partial analyses of water from wells and springs in Tom Green County--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
317	Ernest Groff	85	Dec. 5, 1940	337	56	36	252	317	15	45	b/	-	287
320	do.	85	do.	352	67	38	15	299	17	62	b/	0.5	323
g/322	Florence Womack	200	Apr. 5, 1939	1,374	80	90	293	525	392	260	b/	1.3	571
322	do.	200	Oct. 1, 1940	1,945	82	103	487	470	461	580	b/	1.4	629
324	J. M. Teagarden	100	do.	503	89	36	54	390	21	96	b/	0.4	373
326	C. S. Berry	68	Feb. 17, 1938	658	163	55	-	323	67	178	36	0.4	634
327	A. M. Beaty	71	Oct. 1, 1940	1,573	140	89	332	421	109	690	b/	0.6	715
328	J. E. Hersey	42	Apr. 5, 1939	435	97	38	19	415	24	53	b/	-	398
328	do.	55	Oct. 1, 1940	485	-	-	-	427	23	58	b/	-	-
330	Mrs. C. E. Williams	45	do.	562	-	-	-	464	28	84	b/	-	-
331	Tom Green County	54	Feb. 17, 1938	1,262	191	97	129	415	183	420	38	0.4	875
331	do.	60	Sept. 9, 1940	803	128	63	83	433	78	220	b/	-	579
c/333	Mrs. I. Williams	65	Sept. 11, 1940	1,115	188	82	106	366	112	425	22	0.4	805
334	J. C. Snow	75	do.	656	109	51	71	433	43	160	b/	0.5	481
336	J. Phillips	60	Oct. 1, 1940	515	55	38	95	464	51	48	b/	-	293
337	do.	60	do.	2,771	279	108	608	403	248	1,330	b/	-	1,142
c/350	J. M. Rape	70	Jan. 12, 1941	6,695	425	246	1,709	451	962	3,130	b/	0.8	2,072
352	F. A. Cook	75	Apr. 4, 1939	1,029	-	-	-	275	60	460	b/	-	-
352	do.	75	Sept. 30, 1940	1,405	150	71	282	329	78	650	b/	-	664
353	G. I. Marshall	65	Apr. 4, 1939	1,350	174	103	179	293	101	630	b/	0.4	859
353	do.	77	Sept. 30, 1940	1,287	150	91	200	293	102	590	b/	-	751
355	J. Y. Rust	114	do.	1,379	178	112	136	445	543	190	b/	0.6	904
356	do.	75	do.	428	60	43	46	390	50	36	b/	0.8	326
358	John R. Rust	119	Nov. 29, 1940	301	74	28	4	323	12	24	b/	-	302
359	do.	90	Nov. 28, 1940	9,285	59	105	3,393	482	499	4,990	b/	1.6	580
g/360	Pink Ditmore	66	do.	480	110	38	2	323	29	46	96	0.2	434
362	John R. Rust	150	Nov. 29, 1940	908	88	44	166	329	383	64	b/	0.9	402
363	do.	35	do.	294	70	23	15	323	12	16	b/	0.6	269
364	Judge W. Sutton	35	Nov. 28, 1940	462	-	-	-	366	77	34	b/	-	-
c/365	do.	50	do.	392	80	24	37	354	50	26	b/	1.0	300
380	E. Allen	80	Sept. 30, 1940	2,679	373	271	105	494	1,377	310	b/	0.2	2,047
381	Oscar Brown	110	Feb. 18, 1938	710	68	48	132	256	112	218	b/	0.5	352

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 80

Partial analyses of water from wells and springs in Tom Green County--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
381	Oscar Brown	110	Sept. 30, 1940	801	107	78	83	421	101	225	b/	0.3	588
383	L. M. Keeling	100	Oct. 2, 1940	615	75	45	79	244	178	106	b/	-	373
389	C. Cotton	75	do.	630	-	-	-	268	97	164	b/	-	-
390	J. H. Herndon	80	do.	719	-	-	-	329	101	190	b/	-	-
c/391	Tom Green County	45	do.	684	103	60	67	348	54	200	29	0.1	502
392	M. S. Winston	87	-	450	61	36	60	305	49	94	b/	-	303
393	Emil Holub	50	Oct. 2, 1940	793	111	61	69	226	349	91	b/	0.8	528
394	Mrs. E. Conkel	90	do.	476	89	28	50	329	45	76	26	0.2	337
395	F. Von Rosenberg	100	do.	1,077	140	57	136	244	543	80	b/	0.7	585
c/396	R. C. Johnson	70	do.	1,354	212	83	153	299	240	480	39	0.3	871
398	H. L. Curry	85	do.	2,198	283	126	228	171	1,357	120	b/	-	1,228
399	Mrs. C. B. Boyer	90	Jan. 16, 1941	2,856	378	185	237	122	1,886	110	b/	-	1,704
401	Tom Green County	60	do.	815	127	68	76	336	106	260	b/	-	597
408	W. A. Lancaster	60	Jan. 15, 1941	822	160	58	57	293	83	300	b/	-	641
413	Tom C. Chambers	Spring	do.	769	126	46	92	262	94	270	b/	0.5	504
431	E. Sheffield	50	Oct. 2, 1940	2,575	431	146	154	207	1,668	74	b/	0.2	1,678
432	Tom Green County	69	do.	2,706	429	158	173	134	1,803	76	b/	0.9	1,723
435	F. L. Davis	99	Feb. 18, 1938	2,004	371	121	95	268	1,060	205	b/	1.1	1,424
435	do.	99	Oct. 2, 1940	2,520	458	139	140	275	1,419	220	b/	-	1,716
436	F. L. Davis	46	Feb. 18, 1938	1,309	166	93	141	171	408	335	81	0.7	797
c/436	do.	46	Oct. 2, 1940	1,474	190	99	175	299	411	370	81	0.6	881
437	R. A. McCleery	50	Jan. 22, 1941	338	65	38	12	348	23	18	b/	-	318
440	D. D. Mears	65	do.	2,625	498	180	60	214	1,547	230	b/	1.2	1,986
450	W. R. Hartwell	70	Feb. 17, 1938	444	75	38	37	329	50	60	21	0.8	344
450	do.	70	Sept. 30, 1940	393	72	39	25	360	23	48	b/	0.6	339
451	Bob Sharp	38	do.	518	83	54	44	525	53	24	b/	1.9	428
455	H. L. Crumbley	175	Oct. 2, 1940	3,617	490	243	295	238	2,211	260	b/	1.0	2,225
457	A. J. Coleman	70	Apr. 4, 1939	690	138	58	41	360	26	250	b/	0.2	586
460	W. P. A. Test	31	Oct. 31, 1940	534	61	49	82	561	53	13	b/	-	355

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 80

Partial analyses of water from wells and springs in Tom Green County--Continued

Results are in parts per million.

No.	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
c/461	J. L. Reed	52	Oct. 29, 1940	1,121	130	63	184	390	196	320	31	0.4	602
463	Chas. Kease	45	Jan. 22, 1941	1,357	146	114	191	403	181	510	b/	0.5	836
465	T. A. Ivants	102	Oct. 30, 1940	3,503	468	155	435	171	1,966	400	b/	0.2	1,806
470	Mrs. -- Gay	85	Sept. 8, 1941	1,135	180	73	129	282	160	442	b/	-	799
479	Otis Lane	90	do.	943	152	59	106	262	138	340	b/	-	622
483	A. F. Schumm	125	Dec. 5, 1940	-	-	-	-	-	333	430	-	-	-
483	do.	125	Jan. 25, 1941	2,075	241	117	147	134	1,264	160	b/	0.3	1,302
483	do.	125	Sept. 8, 1941	1,630	236	105	146	251	686	345	b/	-	1,095
486	N. D. Lester	86	do.	664	102	41	86	252	88	200	b/	-	423
486	M. D. Palmer	65	Oct. 31, 1940	656	87	41	97	220	92	220	b/	-	385
490	F. Hopper	90	Nov. 19, 1940	723	120	40	92	293	83	230	b/	-	464
495	Mike Beas.	60	Oct. 31, 1940	691	-	-	-	268	105	196	b/	-	-
498	Dr. C. E. Mayes	55	Nov. 18, 1940	455	87	45	16	256	69	106	b/	0.4	403
500	J. S. Powell	80	Nov. 1, 1940	627	102	20	103	348	104	110	b/	-	337
501	J. P. Johnson	60	Oct. 29, 1940	693	127	49	52	311	142	154	b/	-	520
520	Tom Green County	-	do.	1,260	185	89	107	250	576	130	b/	0.6	857
523	Walter Plott	75	do.	716	129	41	72	268	123	200	b/	-	490
525	R. W. Whitfield	87	do.	960	-	-	-	299	70	370	b/	-	-
526	Henderson Est.	80	do.	3,922	584	269	230	232	2,630	94	b/	0.7	2,565
529	R. O. Werner	58	Jan. 15, 1941	936	177	69	64	293	106	355	b/	-	728
530	C. O. Molders	70	do.	864	146	63	63	232	72	380	b/	-	624
531	Dale Campbell	60	do.	866	157	52	81	299	121	270	b/	-	607
c/532	Tom Green County	38	Oct. 29, 1940	970	130	62	123	281	200	260	b/	0.6	584
533	C. T. Dawson	38	do.	1,051	130	46	179	275	211	290	b/	-	513
534	W. L. Griffith	48	Oct. 31, 1940	701	118	53	62	354	125	150	b/	-	513
535	Mrs. John Kohutek	50	Oct. 29, 1940	1,622	236	132	156	323	282	630	b/	-	1,131
537	Paul Gray	90	Oct. 31, 1940	3,441	488	157	368	275	2,138	148	b/	-	1,866
538	Roy Scott	60	do.	704	83	58	90	378	197	90	b/	-	446
539	J. S. Powell	70	Nov. 11, 1940	1,226	132	90	147	293	614	98	b/	1.4	701
541	B. A. Matschak	50	Oct. 31, 1940	1,052	171	75	98	329	217	310	b/	-	736
542	Louis P. Pfeuffer	60	Nov. 15, 1940	948	144	69	94	262	238	265	b/	-	642
543	R. G. Fussell	60	do.	575	102	53	27	317	169	68	b/	-	473
c/544	E. C. Bedner	68	do.	513	100	38	6	79	315	20	b/	0.2	409
545	Annie Willis	70	Nov. 11, 1940	808	-	-	-	342	192	148	b/	-	-

a/ Sulphate less than 10 parts per million.
 b/ Nitrate less than 20 parts per million.

c/ Analyses of selected wells are given in milligram equivalents per liter on page 80.

Partial analyses of water from wells and springs in Tom Green County--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
546	G. H. Buchanan	85	Nov. 11, 1940	764	123	59	72	409	169	140	b/	-	551
549	A. Riesling	30	Nov. 1, 1940	596	-	-	-	354	104	96	b/	-	-
551	R. D. Barron	125	Feb. 15, 1938	515	70	55	50	329	24	154	b/	0.2	404
552	do.	125	do.	566	59	66	56	226	79	195	b/	0.1	421
555	H. F. Backhaus	92	Nov. 6, 1940	2,006	308	123	158	201	1,098	220	b/	0.1	1,276
556	F. C. Spieker	90	Nov. 1, 1940	1,503	252	76	132	275	753	155	b/	0.4	942
557	V. L. Pfluger	70	do.	927	148	53	113	262	154	320	b/	-	588
559	St. Anthony School	70	do.	771	110	46	109	238	100	280	b/	0.2	463
560	C. Lehnert	90	Nov. 6, 1940	616	93	35	86	281	104	160	b/	-	376
561	Wall Gin Co.	123	Feb. 15, 1938	838	115	51	110	275	225	185	b/	0.9	496
564	W. R. Schwartz	85	Nov. 1, 1940	930	143	57	108	214	138	333	46	-	590
565	Dr. V. Taylor	100	Feb. 15, 1938	833	121	49	113	281	133	260	b/	0.6	505
565	do.	100	Oct. 3, 1940	836	111	44	140	293	86	300	b/	0.4	457
566	do.	130	Feb. 15, 1938	806	121	48	107	280	133	255	b/	0.7	500
566	do.	130	Oct. 3, 1940	877	-	-	-	287	101	310	b/	-	-
567	Vicla Kornek	88	Nov. 1, 1940	1,337	163	66	239	256	127	600	b/	-	681
569	San Angelo Air Pprt	75	Oct. 22, 1940	2,074	277	135	99	226	132	1,110	b/	0.4	1,248
570	R. W. Taylor	60	do.	936	128	52	149	317	97	345	b/	-	532
571	Mrs. E. C. Adkinson	116	Feb. 15, 1938	3,645	680	117	308	226	2,059	368	b/	0.7	2,182
571	do.	116	Oct. 3, 1940	3,283	536	167	265	244	1,881	314	b/	-	2,028
572	A. V. Dye	110	Aug. 19, 1940	3,733	563	184	366	290	2,100	375	b/	1.9	2,162
573	Joe Bunnell	100	Feb. 15, 1938	732	112	60	62	317	183	132	26	1.3	527
573	do.	100	Oct. 3, 1940	704	107	54	66	317	171	122	28	-	488
574	J. M. Brandon	67	Sept. 4, 1940	716	112	57	66	378	89	146	60	-	515
590	C. R. Masworthy	43	Aug. 21, 1940	302	61	18	35	311	12	21	b/	1.9	226
593	State Highway Dept.	-	Aug. 22, 1940	329	39	10	75	140	20	114	b/	0.4	136
c/594	W. Harske	714	do.	107,856	2,880	880	37,526	427	4,160	62,200	-	-	10,818
595	J. T. Belcher	20	Aug. 26, 1940	373	59	50	18	415	23	17	b/	0.6	351
c/600	H. G. Carter	60	do.	1,306	100	72	284	506	249	330	22	1.7	544
602	H. A. Bullcck	46	Feb. 18, 1938	583	145	28	41	537	58	44	b/	1.0	477

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 80

Partial analyses of water from wells and springs in Tom Green County--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
602	H. A. Bullock	46	Aug. 22, 1940	1,082	227	41	80	421	478	42	b/	0.6	735
603	R. F. Halbert	110	do.	780	66	52	163	421	66	220	b/	0.8	377
604	C. Kemp	120	Aug. 26, 1940	649	65	51	115	378	33	192	b/	0.6	371
605	R. C. Small	60	do.	452	67	42	51	415	27	56	b/	0.5	341
606	do.	60	do.	744	107	59	96	470	27	210	b/	-	512
c/607	E. E. Crenwelge	80	do.	683	94	34	86	323	29	230	30	0.6	459
c/608	H. Byrd	83	do.	372	62	39	25	354	10	28	33	0.9	314
609	Wilson Est.	40	do.	1,541	126	122	282	482	148	620	b/	-	815
610	H. G. Carter	120	do.	1,481	134	91	270	244	230	570	66	-	711
611	B. L. Adkins	60	Sept. 3, 1940	1,382	137	88	243	281	233	530	b/	1.1	704
622	T. T. Homesley	40	do.	461	16	47	107	494	18	26	b/	2.7	234
623	do.	151	do.	3,106	150	180	776	451	206	1,570	b/	1.4	1,116
625	H. Probandt	87	Aug. 26, 1940	1,468	138	122	230	366	214	580	b/	0.5	845
627	Dr. G. L. Lewis	60	Aug. 27, 1940	558	40	46	116	494	67	40	b/	2.0	288
628	do.	150	do.	320	63	24	31	342	13	20	b/	0.5	255
631	do.	125	do.	4,331	256	128	1,187	378	544	2,030	b/	0.4	1,159
632	J. D. Lee	74	do.	832	108	37	158	384	56	271	b/	0.5	423
633	R. F. Gandy	25	Aug. 22, 1940	567	52	43	100	397	113	47	b/	0.8	307
634	R. F. Halbert	46	Aug. 23, 1940	788	72	46	160	384	144	176	b/	1.1	368
635	J. B. Butler	30	Aug. 22, 1940	734	65	42	161	580	105	64	b/	1.1	336
636	S. M. King	80	do.	699	79	49	127	500	28	166	b/	0.3	400
638	J. A. Reid	45	Feb. 21, 1938	2,132	66	70	621	403	478	678	20	0.7	453
639	M. D. Bryant	35	Aug. 23, 1940	582	70	31	110	421	93	70	b/	0.8	304
c/641	do.	50	do.	1,176	101	52	255	445	288	240	20	1.0	467
645	J. L. Tweedy	35	Aug. 27, 1940	481	69	41	58	427	58	32	b/	0.6	340
647	Mrs. L. W. Walker	80	Aug. 21, 1940	420	91	27	36	415	22	32	b/	0.3	338
649	Tom Green County	65	do.	419	116	24	15	409	26	37	b/	0.2	390
650	Dr. W. E. Schulkey	Spring	Aug. 27, 1940	365	74	24	35	354	28	28	b/	0.6	285
651	Gillman Est.	67	do.	401	64	26	52	305	62	42	b/	-	266
652	Mrs. F. Underwood	50	do.	495	71	22	91	427	58	38	b/	0.6	269

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 80

Partial analyses of water from wells and springs in Tom Green County--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
653	J. L. Tweedy	60	Aug. 27, 1940	473	76	31	55	323	50	64	38	-	319
c/654	Chas. Mocre	47	Aug. 21, 1940	1,139	137	59	193	360	229	320	23	0.6	586
655	E. H. Jones	40	Aug. 23, 1940	354	52	30	44	323	31	36	b/	0.5	254
656	Whitaker Bros.	85	do.	676	77	42	116	409	140	92	b/	0.9	366
657	L. M. Ratliff	65	do.	1,582	162	69	324	378	272	560	b/	0.8	687
658	A. B. McCleery	40	do.	1,308	123	49	288	409	295	345	b/	0.8	510
660	Dr. -- Jones	30	Aug. 21, 1940	472	69	32	67	366	70	53	b/	0.9	305
661	do.	87	do.	267	74	7	22	275	a/	20	b/	0.1	214
663	T. L. Wester	90	Sept. 4, 1940	1,283	203	59	194	317	47	600	24	-	752
c/664	Tom Green	65	do.	689	140	37	72	458	43	170	b/	0.3	503
County													
665	O. Daniels	80	do.	743	130	37	92	348	51	230	29	-	478
666	Henry Motl	25	Aug. 23, 1940	1,016	116	52	188	403	187	270	b/	0.4	502
667	T. N. Robbins	30	Aug. 21, 1940	1,202	137	48	226	342	334	280	b/	0.8	540
670	H. M. Boykin	40	Sept 4, 1940	123	15	8	20	49	12	44	b/	0.2	70
672	A. L. Buchek	80	do.	1,344	190	74	208	256	70	670	b/	-	781
673	L. Marecek	90	do.	1,422	187	68	249	329	121	630	b/	-	747
691	H. L. Deshazo	129	Oct. 16, 1940	762	111	49	105	348	93	230	b/	-	480
c/692	Mrs. A. C.	160	Oct. 17, 1940	484	79	34	57	305	62	102	b/	0.4	336
Hennig													
695	W. Hendricks	150	Oct. 15, 1940	365	92	24	9	293	66	30	b/	-	330
696	T. B. Adams	260	May 12, 1937	11,089	427	198	3,420	244	1,734	5,190	-	-	1,883
698	- Upton	126	Oct. 15, 1940	512	104	27	54	378	47	90	b/	-	372
699	D. L. Estes	130	do.	2,501	67	42	796	372	621	790	b/	2.2	341
700	R. V. Allison	105	Oct. 17, 1940	7,220	527	198	1,826	311	1,416	3,100	b/	0.1	2,132
701	E. R. Yoes	112	do.	14,115	771	292	3,990	500	2,814	6,000	b/	1.8	3,130
704	Luther Wood	100	Oct. 22, 1940	1,670	284	63	188	305	714	270	b/	0.9	969
705	T. L. Wood	107	do.	2,684	269	95	573	299	520	1,080	-	-	1,064
706	R. L. Olsovsky	107	Oct. 17, 1940	581	92	30	83	305	87	134	b/	-	353
707	W. W. Janek	90	do.	934	127	51	150	287	105	360	b/	-	526
708	Mrs. - Oates	90	Oct. 22, 1940	677	106	30	104	305	101	180	b/	-	389
709	G. E. Williams	100	do.	1,214	179	65	161	268	295	380	b/	-	715
710	J. W. Keel	102	do.	818	134	46	102	317	140	240	b/	0.2	523

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 80

Partial analyses of water from wells and springs in Tom Green County--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
711	J. W. Keel	127	Oct. 22, 1940	1,857	271	97	215	305	791	330	b/	0.7	1,075
712	M. H. Dixon	101	Nov. 14, 1940	545	81	51	45	207	96	170	b/	-	411
713	J. J. Schiller	96	do.	667	111	51	55	336	192	93	b/	-	486
c/714	C. W. Hay	110	do.	835	131	65	58	299	369	64	b/	0.7	595
715	C. H. Myer	108	do.	451	104	37	6	342	76	60	b/	-	413
732	Tom Green County	74	Feb. 15, 1938	898	140	77	61	329	312	141	b/	1.1	668
733	State Highway Dept.	80	Nov. 15, 1940	1,240	136	110	142	122	312	480	b/	-	793
735	T. E. Coor	100	Feb. 15, 1938	2,226	360	179	90	293	1,172	240	41	-	1,614
735	do.	100	Oct. 3, 1940	2,963	380	209	254	256	1,745	220	29	-	1,810
736	J. S. Powell	80	Nov. 15, 1940	3,176	-	-	-	275	1,920	148	b/	-	-
737	Ad. Krempen	102	do.	2,579	373	220	123	317	1,536	170	b/	1.2	1,836
738	Wm. Holkemp	90	do.	1,131	253	57	36	384	575	21	b/	-	865
743	W. P. A. Test	15	Oct. 30, 1940	344	78	22	22	293	50	28	b/	-	283
744	- Waring	Spring	Oct. 15, 1940	296	80	20	13	293	31	28	b/	0.1	283
746	Rust Est.	55	Oct. 18, 1940	378	84	29	23	378	24	27	b/	-	328
747	do.	Spring	do.	349	-	-	-	348	20	23	b/	-	-
748	- Henderson	Spring	do.	266	76	22	23	299	a/	21	b/	0.1	278
749	Glass & Cobb	173	do.	329	62	29	23	299	43	21	b/	0.4	273
762	Johnson Est.	110	Oct. 10, 1940	275	64	16	23	275	a/	29	b/	0.2	225
763	do.	Spring	Feb. 16, 1938	321	75	18	24	299	25	24	b/	0.3	261
c/763	do.	Spring	Oct. 10, 1940	342	78	17	32	329	14	31	b/	0.2	266
765	C. C. Townsend	25	Feb. 16, 1938	564	112	31	54	311	83	129	b/	0.1	409
765	do.	25	Sept. 4, 1940	307	60	20	32	293	27	24	b/	-	232
769	H. J. DeLong	52	Feb. 16, 1938	388	108	23	7	342	25	44	b/	0.4	364
769	do.	52	Oct. 21, 1940	374	99	18	22	372	18	30	b/	0.3	321
782	R. W. Rawls	367	Feb. 17, 1938	4,635	71	45	1,638	952	707	1,705	b/	-	360
782	do.	367	Oct. 3, 1940	4,242	-	-	-	695	737	1,680	b/	-	-
783	Mrs. - McKinsey	700	Feb. 16, 1938	8,113	60	100	2,902	445	832	4,000	-	-	562
783	do.	700	Oct. 3, 1940	10,785	229	101	3,778	878	892	5,350	b/	3.1	987
784	State Highway Dept.	50	Feb. 18, 1938	936	117	105	38	329	449	28	36	0.5	725

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 80

Partial analyses of water from wells and springs in Tom Green County--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
786	Mrs. W. Anson	Spring	Aug. 20, 1940	289	60	17	31	287	a/	27	b/	0.4	220
788	Edwin Brown	140	Oct. 21, 1940	296	90	14	12	293	10	21	b/	-	259
801	H. C. Williams	120	Feb. 17, 1938	272	69	16	15	275	17	15	b/	0.2	235
801	do.	120	Oct. 3, 1940	213	38	16	24	195	a/	30	b/	-	160
803	W. Jameyson	120	Oct. 14, 1940	297	81	12	19	305	16	19	b/	-	252
c/804	E. J. Jameyson	220	do.	549	94	22	81	299	93	110	b/	0.4	323

a/Sulphate less than 10 parts per million.

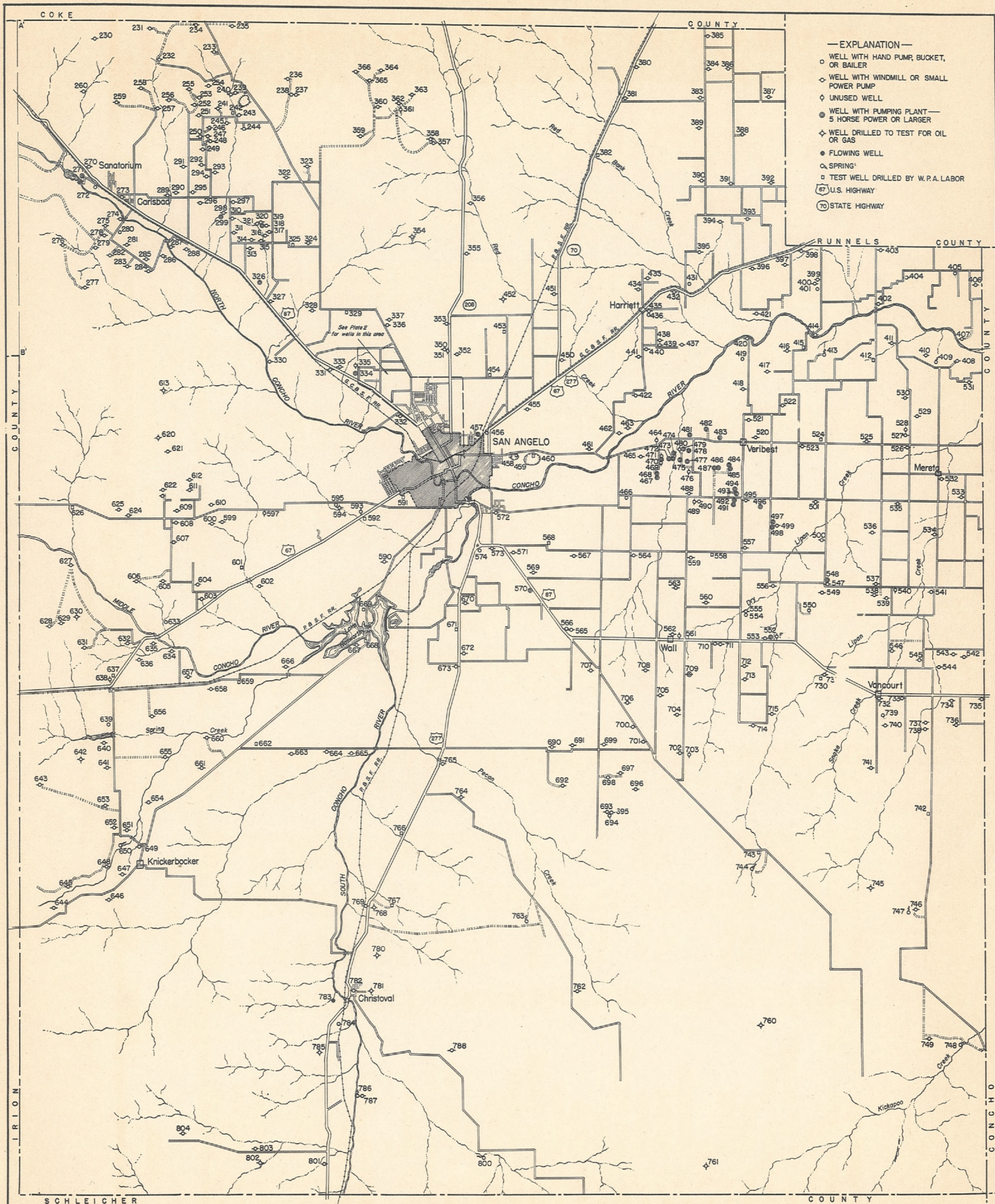
b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 80

Chemical Analyses--Continued
Results are in milligram equivalents per liter.

Well	Owner	Depth of well (ft.)	Date of collection	Total hardness as CaCO ₃ (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Total dissolved solids (calc.)
86	W. H. Kindred	72	Jan. 8, 1941	34.78	20.88	13.90	19.73	4.40	1.73	48.23	0.01	0.15	109.02
87	S. B. Wallace	65	do.	13.88	8.68	5.20	19.71	5.30	2.52	25.38	-	0.39	67.18
98	E. M. Cochran	68	Jan. 13, 1941	13.10	7.10	6.00	7.71	6.00	1.81	12.69	0.04	0.27	41.62
133	W. P. A. Test	50	Dec. 15, 1941	10.84	5.38	4.96	1.47	6.10	0.71	5.50	0.01	-	24.62
172	W. D. Langston	83	Jan. 6, 1941	15.78	7.92	7.86	4.73	7.00	1.98	11.00	0.01	0.53	41.02
215	G. P. Ainsworth	70	Sept. 12, 1940	9.96	4.88	5.08	2.28	6.90	1.86	3.38	0.03	0.07	24.48
246	Sid Martin	60	Dec. 2, 1940	6.12	3.30	2.82	0.49	5.80	0.33	0.45	0.03	-	13.22
271	State of Texas	45	Sept. 11, 1940	1.18	0.64	0.54	1.32	1.90	0.25	0.34	0.02	0.10	5.00
284	-	80	Dec. 6, 1940	8.82	4.70	4.12	2.64	6.40	1.04	3.89	0.03	0.03	23.92
291	M. D. Kennemer	109	Nov. 29, 1940	51.24	29.56	21.68	43.37	2.80	54.26	37.51	0.04	-	189.22
322	Florence Womack	200	Apr. 5, 1939	11.42	4.02	7.40	12.75	8.60	8.17	7.33	0.07	-	48.38
333	Mrs. - Williams	65	Sept. 11, 1940	16.10	9.38	6.72	4.60	6.00	2.34	11.99	0.02	0.35	41.40
350	J. M. Rape	70	Jan. 12, 1941	41.44	21.24	20.20	74.32	7.40	20.04	88.28	0.04	-	131.52
360	Pink Ditmore	66	Nov. 28, 1940	8.68	5.52	3.16	0.08	5.30	0.61	1.30	0.01	1.55	17.52
365	Judge - Sutton	50	do.	6.00	4.02	1.98	1.62	5.80	1.04	0.73	0.05	-	15.24
391	Tom Green County	45	Oct. 2, 1940	10.04	5.14	4.90	2.90	5.70	1.13	5.64	0.01	0.47	25.88
396	R. C. Johnson	70	do.	17.42	10.62	6.80	6.66	4.90	5.01	13.54	0.02	0.63	48.16
436	F. L. Davis	46	do.	17.62	9.52	8.10	7.62	4.90	8.56	10.44	0.03	1.31	50.48
461	J. L. Reed	52	Oct. 29, 1940	12.04	6.48	5.56	7.99	6.40	4.08	9.03	0.02	0.50	40.06
532	Tom Green County	38	do.	11.68	6.52	5.16	5.33	4.60	4.16	7.33	0.03	0.89	34.02
544	E. C. Bedner	68	Nov. 15, 1940	8.18	5.02	3.16	0.24	1.30	6.56	0.56	0.01	-	16.84
600	H. G. Carter	60	Aug. 26, 1940	10.88	5.00	5.88	12.35	8.30	5.18	9.31	0.09	0.35	46.46
607	E. E. Crenwelge	80	do.	9.18	4.70	4.48	3.72	5.30	0.60	6.49	0.03	0.48	25.80
608	H. Byrd	83	do.	6.28	3.10	3.18	1.10	5.80	0.21	0.79	0.05	0.53	14.76
641	M. D. Bryant	50	Aug. 23, 1940	9.34	5.06	4.28	11.09	7.30	5.99	6.77	0.05	0.32	40.86
654	Chas. Moore	47	Aug. 21, 1940	11.72	6.86	4.86	8.39	5.90	4.78	9.03	0.03	0.37	40.22
664	Tom Green County	65	Sept. 4, 1940	10.06	6.98	3.08	3.15	7.50	0.89	4.79	0.02	0.03	26.42
692	Mrs. A. C. Hennig	160	Oct. 17, 1940	6.72	3.96	2.76	2.47	5.00	1.29	2.88	0.02	-	18.38
714	C. W. Hay	110	Nov. 14, 1940	11.90	6.54	5.36	2.53	4.90	7.68	1.81	0.04	-	28.86
763	Johnson Est.	Spring	Oct. 10, 1940	5.32	3.92	1.40	1.37	5.40	0.29	0.87	0.01	0.13	13.38
804	E. Jameyson	220	Oct. 14, 1940	6.46	4.68	1.78	3.53	4.90	1.94	3.10	0.02	0.03	19.98

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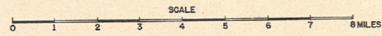


- EXPLANATION —
- WELL WITH HAND PUMP, BUCKET, OR BAILER
 - ◇ WELL WITH WINDMILL OR SMALL POWER PUMP
 - ◇ UNUSED WELL
 - ⊕ WELL WITH PUMPING PLANT — 5 HORSE POWER OR LARGER
 - ◇ WELL DRILLED TO TEST FOR OIL OR GAS
 - FLOWING WELL
 - SPRING
 - TEST WELL DRILLED BY W.P.A. LABOR
 - Ⓡ U.S. HIGHWAY
 - Ⓢ STATE HIGHWAY

BASE COMPILED FROM
STATE HIGHWAY PLANNING SURVEY COUNTY ROAD MAP
AND FIELD NOTES

TEXAS BOARD OF
WATER ENGINEERS
ASSISTED BY
U.S. GEOLOGICAL SURVEY

**MAP OF TOM GREEN COUNTY, TEXAS
SHOWING WATER WELLS AND SPRINGS**

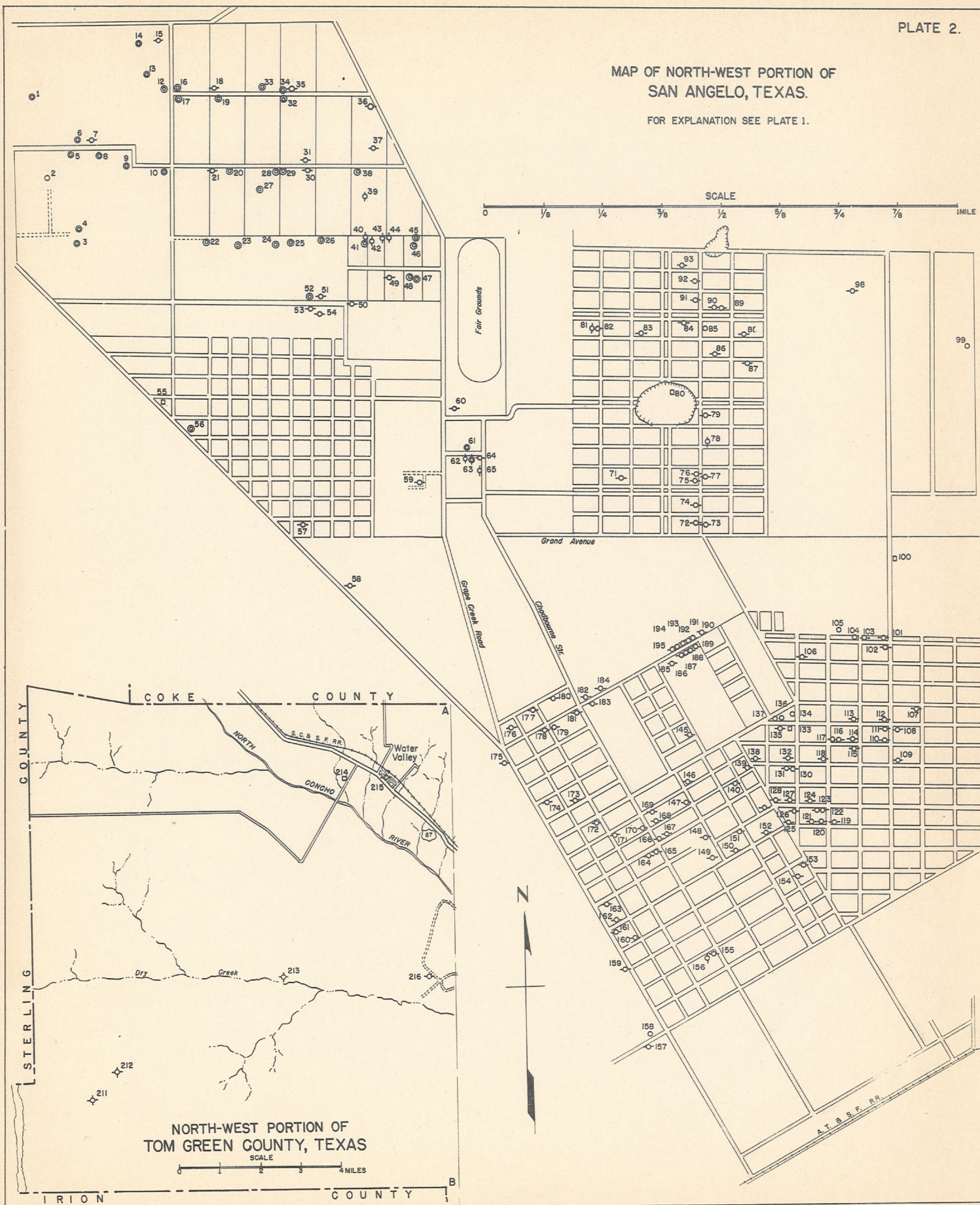
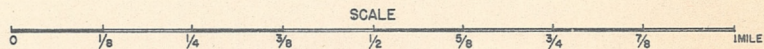


FIELD WORK BY
J.M. FRAZIER JR. + J.C. DALGARN
PROJECT SUPERINTENDENTS
W.P.A. PROJECT 17278



MAP OF NORTH-WEST PORTION OF SAN ANGELO, TEXAS.

FOR EXPLANATION SEE PLATE 1.



NORTH-WEST PORTION OF TOM GREEN COUNTY, TEXAS

