

TEXAS

STATE BOARD OF WATER ENGINEERS

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AUSTIN COUNTY, TEXAS

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

Works Progress Administration Ground-Water Survey Project 2080

Analyses made and report mimeographed by
WORK PROJECTS ADMINISTRATION
Project 6507-5112

Sponsored by the State Board of Water Engineers with the United
States Department of the Interior, Geological Survey, and the
Bureau of Industrial Chemistry of The University of Texas

February 1938

AUSTIN COUNTY, TEXAS

Introduction

by

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U. S. Geological Survey

The purpose of this survey was to obtain information concerning existing wells and the quantity and quality of water they yield, and to put down test holes where additional information was needed.

This project was part of a statewide Works Progress Administration project known as a "Statewide Inventory of Water Wells," sponsored by the State Board of Water Engineers. The Division of Ground Water of the U. S. Geological Survey cooperated in the technical direction of the project and the Bureau of Industrial Chemistry of The University of Texas furnished laboratory space and equipment and supervised the chemical analyses.

The analyses were made by chemists employed on Works Progress Administration Project 6507-5112 at Austin, Texas, sponsored by the State Board of Water Engineers. Typists employed on this project typed and assembled this release.

The field work in Austin County was started on December 15, 1936, and completed March 31, 1937. This work was done as Project 2080 of Administrative Field office 6 of the Works Progress Administration, Houston, Texas.

This release contains the well records and well logs obtained by the project superintendent, logs of the test holes drilled by the W. P. A. labor, and the chemical analyses of water from privately owned wells and from test wells. Locations of all wells and test wells are shown on the map in the back of the release.

Records of wells in Austin County, Texas

(All wells are drilled or bored unless otherwise indicated in "Remarks" column.)

(See "Logs of W. P. A. test wells" for all records of test wells.)

No.	Distance from Bellville	Survey	Owner	Driller	Topographic situation	Date completed	Temperature (°F.)	Depth of well (ft.)	Diameter of well (in.)
1	20½ miles west	Wm. Sutherland	W. A. Voelkel	--	Hillside	1881	66	76	10
2	18½ miles west	Wm. Burnett	Karl Neumann	--	do.	1891	69	16	48
3	17 miles northwest	Sam M. Williams	V. Janes	--	Hilltop	1901	69	75	30
4	15½ miles northwest	John Hodge	Herbert Thielmann	--	Top of ridge	1929	68	53	36
e/ 5	15 miles northwest	do.	F.W. Schuerenberg Est.	M. L. Fitzsimmons	--	1922	--	--	--
6	14 miles northwest	do.	Alfred Schultze	--	--	1908	69	62	30
7	14 miles west	Stephon F. Austin	Hugo Huebner	--	Hilltop	1900	67	98	30
8	do.	do.	B. W. Huebner	--	do.	1925	69	55	48
9	7 miles west	do.	Willie Hold	--	--	1895	73	30	24
e/ 10	7½ miles west	do.	Hugo Fischer Anna Hartman	Willie Hiller	--	1885	--	127	3
11	do.	do.	do.	--	--	1870	69	25	72
12	14½ miles west	do.	Reinhold Lahrman	Walter E. Rinn	Hilltop	1925	68	97	3
13	do.	John F. Pettus	J. C. Buenger	do.	--	1930	67	105	3
e/ 14	15 miles west	do.	Chas. F. Knolle	Melloy-Knolle Oil Co.	--	--	--	1,504	--
15	13 miles west	do.	Walter E. Rinn	Walter E. Rinn	--	1918	66	44	36
16	16½ miles west	Wm. T. Dunlavy	Otto Arndt	--	Hilltop	1899	69	47	36
e/ 17	15½ miles west	Samuel O. Pettus	Emil Kruege	Walter E. Rinn	Hillside	1924	--	185	3
e/ 18	16 miles west	do.	Wm. Schweke	--	--	1892	71	30	36
19	14½ miles west	A. J. Bell	-- School	Walter E. Rinn	Hilltop	1931	66	131	3
21	14 miles west	do.	H. L. Frnka	Willie Hiller	--	1907	--	135	3
22	13½ miles west	Bryant Dottery	Henry Gross	--	Hilltop	1895	63	85	3
e/ 23	8 miles west	Renke Stölze	H. W. Peschell	Arkansas Fuel Oil Co.	--	--	--	4,010	--

a/ Measuring point was usually top of casing, top of pump base, or top of well curb.

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

Records obtained by R. E. May, Project Superintendent
(Chemical analyses of water from these wells are in the table of analyses.)

No.	Height of measuring point above ground (ft.) a/	Water Level		Pump and power b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
1	--	51.3	Mar. 16, 1937	B,H	D,S	Dug well. 68 feet vitrified clay casing at top. Water reported in sand and gravel, 68
2	0	0.8	do.	B,H	D,S	Dug well. 14 feet steel casing to 76 feet. at top. Water reported in sand, 14 to 16
3	0.2	59	d/	C,W,H	D,S	Dug well. 74 feet vitrified clay casing at top. Water reported in sandstone, 74
4	2.7	33.2	Mar. 11, 1937	C,W	D,S	Dug well. 50 feet concrete casing at top. Water reported in sandstone, 50
5	--	--	--	None	N	Oil test. See log. to 53 feet.
6	2.4	54.4	Mar. 11, 1937	B,H	D,S	Dug well. 60 feet concrete casing at top. Water reported in sand, 60 to 62 feet.
7	1	67	Mar. 10, 1937	C,W	D,S,I	Dug well. 93 feet concrete casing at top. Screen at bottom. Owner reported water in
8	--	46.6	Mar. 12, 1937	C,W	D,S	Dug well. 52 feet rock sand, 93 to 98 feet. casing at top. Water reported in sand, 48
9	1.5	20.8	Mar. 8, 1937	B,H	D,S	Dug well. 26 feet concrete casing at top. Water reported in sand, 26 to
10	1	80	d/	C,-,-	D,Ind	118 feet steel casing at top. 30 feet. Owner reported water in sand, 118 to 127
11	1	9.2	Jan. 14, 1937	C,-,-	Ind	Dug well. 16 feet concrete casing at feet. top. Water reported in sand, 16 to 24 feet. Supplies two 250-horsepower boilers in saw
12	--	61.5	Mar. 12, 1937	C,W	D,S	93 feet steel casing at top. Screen mill. at bottom. Water reported in sand and gravel, 92 to 97 feet. Well 57 feet deep near-
13	0.5	38	d/	C,E,S	D	90 feet galvanized casing by failed in 1925. ing at top. Screen at bottom. Owner reported water in sand, 90 to 105 feet. Esti-
14	--	--	--	None	N	Oil test. mated yield, 5 gallons a minute. See log.
15	1.1	22.4	Jan. 14, 1937	C,W	D,S	Dug well. 35 feet wood casing at top. Owner reported water in sand, 35 to 43 feet.
16	--	36.3	Mar. 17, 1937	C,W,H	D,S	Dug well. 44 feet brick casing at top. Water reported in sand, 44 to 47 feet.
17	--	116	do.	C,-,5	Ind	100 feet galvanized iron casing at top. Water reported in gravel, 174 to 185 feet. Estimated yield, 8 gallons a minute.
18	--	17.3	do.	B,H	S	Dug well. 24 feet brick casing at top. Water reported in sand, 24 to 30 feet.
19	--	97	Mar. 16, 1937	C,E,-	D	127 feet steel casing at top. Screen at bottom. Water reported in sand, 125 to 131
21	--	102	d/	C,W	--	131 feet steel casing feet. Supplies school. ing at top. Screen at bottom. Water reported in sand, 129 to 136 feet. Supplies gar-
22	--	43	Mar. 17, 1937	C,W,H	D,S	81 feet galvanized casing at top. age. Screen at bottom. Water reported in sand,
23	--	--	--	None	N	Oil test. See log. 77 to 85 feet.

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

d/ Water level reported.

e/ No water sample collected for analysis.

Records of wells in Austin County--Continued

No.	Distance from Bellville	Survey	Owner	Driller	Topographic situation	Date completed	Temperature (°F.)	Depth of well (ft.)	Diameter of well (in.)
24	9 miles west	George Grimes	T. M. Kamas	J. Sembera	--	1893	69	27	30
25	10 miles west	do.	V. Chaluepkua	V. Chaluepkua	--	1920	74	38	30
26	11 miles west	Benjamin Eaton	John Arning	Walter E. Rinn	Hillside	1926	66	82	3
27	10 miles west	do.	Otto Veckert	--	River bottoms	1890	70	64	3
28	11½ miles west	do.	B. Wering	Walter E. Rinn	Hilltop	1921	65	86	3
29	12 miles west	Eliz. M. Kuykendall	Chris Loesch	Herman Albert	--	1917	68	67	3
30	do.	do.	Mrs. H. J. Albert	--	Hilltop	1893	65	95	30
32	11½ miles northwest	do.	Willie Spreen	--	do.	1927	64	19	30
33	12½ miles northwest	do.	Carl Holt	Carl Holt	do.	1896	67	120	30
34	13 miles northwest	do.	C. L. Luedeke	--	Hillside	--	69	57	36
35	11 miles northwest	Chas. Benton	Emil Hopman	--	Hilltop	1890	71	39	30
36	do.	James Cooper	New Wehden School	--	do.	1927	69	68	3
38	9½ miles northwest	do.	Hy Honerkamp	--	do.	1894	68	28	30
40	9 miles northwest	John W. Kenney	Andrew Herring	Conrad Booth	--	1918	63	119	6
42	do.	do.	Louis Loesch	--	Hillside	1871	71	25	30
44	7 miles northwest	do.	Frank W. Mikeska	--	Hilltop	1873	72	24	30
e/ 46	do.	do.	-- School	--	Hillside	1916	71	34	30
47	9 miles northwest	J. G. Bolcher	Fritz Richter	--	--	1916	69	47	3
48	7 miles northwest	J. Furnas	John H. Gooke	--	Ridgetop	Old	70	65	36
50	4¼ miles northwest	Wm. Kuykendall	Mrs. D. Laas	Jesse Rinn	Hillside	1924	69	163	3
52	3 miles northwest	John Fitzgibbens	M. D. Harper	M. D. Harper	--	1930	67	46	10
e/ 54	8 miles southwest	Samuel C. Douglass	Herman Palm	Walter E. Rinn	--	1928	69	72	4
e/ 55	6 miles southwest	Louis von Roeder	August Huber	--	--	1900	70	57	30
e/ 56	4½ miles southwest	S. Swearingen	Frank Sens	--	--	1910	69	57	36
57	6½ miles south	Miles N. Allen	John Surovik	Walter E. Rinn	--	1924	68	104	3
58	5½ miles south	do.	Arnold Goebel	--	Hillside	--	73	65	12

R. E. May, Project Superintendent

No.	Height of measuring point above ground (ft.) a/	Water Level		Pump and power b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
24	2	15.8	Jan. 14, 1937	C,W,H	D	Dug well. 21 feet concrete casing at top. Owner reported water in sand, 21 to 27 feet.
25	1.8	26.3	do.	B,H	D	Dug well. 30 feet concrete casing at top. Owner reported water in sand, 30 to 37 feet.
26	--	57	d/	C,W,H	D,S	Steel casing. Water reported in rock, 78 to 82 feet.
27	1	47	d/	C,W,H	D,S	Steel casing. Water reported in sand, 60 to 64 feet.
28	0.5	66.2	Mar. 10, 1937	C,W,H	D,S	Galvanized iron casing. Owner reported water in sand, 82 to 86 feet.
29	0.3	49.4	do.	C,W,H	D,S	Steel casing. Owner reported water in sand, 64 to 67 feet.
30	1	67.4	do.	C,W	D,S	Dug well. Vitriified clay casing inside rock casing. Owner reported water in sand, 90 to
32	2.5	9.8	do.	B,H	D,S	Dug well. Concrete casing. Tenant reported water in rock, 18 to 19 feet.
33	--	114	d/	C,W	D,S,I	Dug well. Vitriified clay casing. Water reported in sand, 116 to 120 feet. Irrigates
34	2.9	53.3	Mar. 11, 1937	B,H	D,S	Dug well. Concrete casing. Water reported in sand, 54 to 57 feet. garden.
35	1	33.3	Mar. 10, 1937	C,W,& B,H	D,S	Dug well. Vitriified clay casing. Owner reported water in rock, 36 to 39 feet.
36	1	42	d/	C,W,H	D	Steel casing. Water reported in gravel, 63 to 69 feet.
38	1	19.4	Mar. 9, 1937	B,H	S	Dug well. Vitriified clay casing. Owner reported water in sand, 25 to 28 feet.
40	1.2	63.2	Jan. 13, 1937	C,W,H	D,S,I	98 feet steel casing at top. Sand screen at bottom. Owner reported water in sand, 98 to
42	0.9	20.4	Mar. 8, 1937	C,W,& B,H	D,S	Dug well. 24 feet vitriified clay casing. Owner reported water in rock, 24 to
44	2	17.5	Mar. 3, 1937	B,H	D,S	Dug well. 18 feet concrete casing at top. Owner reported water in sand, 18 to
46	2	26	d/	C,H	D	Dug well. 32 feet rock casing. Teacher reported water in sand, 32 to 34
47	1.6	22	d/	C,W	D,S	45 feet galvanized iron casing at top. Screen at bottom. Owner reported water in
48	3.2	56.2	Mar. 3, 1937	C,W,& B,H	D,S	Dug well. 56 feet concrete casing at top. Owner reported water in sand, 43 to 47 feet.
50	0.6	112	d/	C,G,3	D,S	159 feet steel casing at top. Screen at bottom. Water reported in sand, 156 to 163
52	2	17.5	Jan. 12, 1937	B,H	D	40 foot wood casing at top. Owner reported water in sand, 40 to 46 feet.
54	--	56.9	Mar. 24, 1937	C,W,H	D,S,I	Steel casing. Water reported in sand and gravel, 69 to 72 feet.
55	--	41.7	do.	B,H	D,S	Dug well. 55 feet brick casing at top. Water reported in sand, 54 to 57 feet.
56	--	39.0	do.	B,H	D,S	Dug well. 56 feet brick and stone casing at top. Water reported in sand, 54 to 57 feet.
57	1.3	45	d/	C,H	D,S	96 feet steel casing at top. Screen at bottom. Owner reported water in sand, 96 to
58	--	38	d/	C,G,3	D,S	Dug well. 60 feet wood casing at top. Water reported in sand, 60 to 65 feet.

Records of wells in Austin County--Continued

No.	Distance from Bellville	Survey	Owner	Driller	Topographic situation	Date completed	Temperature (°F.)	Depth of well (ft.)	Diameter of well (in.)
59	5 miles south	Miles N. Allen	Chas. Riniker	Fred Lux	Hilltop	1904	67	117	6
61	4 $\frac{1}{2}$ miles south	James Cummins' Hacienda	Fred Palm	Joe Palm	do.	1902	69	95	6
62	5 miles south	do.	Sam Vornkahl	--	do.	1915	68	132	6
e/ 63	1 $\frac{1}{2}$ miles south	do.	Fritz Schumann	Walter E. Rinn	Hillside	1921	69	67	3
e/ 65	1 $\frac{3}{4}$ miles southeast	do.	G.C. & S.F. R.R. Co.	G.C. & S.F. R.R. Co.	do.	1926	67	747	10
e/ 69	4 miles south	do.	August Timme	--	do.	1884	71	59	30
74	3 $\frac{1}{2}$ miles southeast	do.	E. Grube	--	--	1904	71	73	3
76	2 $\frac{1}{2}$ miles southeast	do.	H. E. Schroeder	--	Hillside	1903	72	97	3
77	4 $\frac{1}{4}$ miles southeast	do.	Albert Mernitz	--	--	1884	72	65	30
78	6 miles southeast	do.	Fritz Nelius	--	Hillside	1912	71	88	30
79	do.	do.	do.	--	--	1905	68	68	3
80	7 miles southeast	do.	August A. Reichle	--	Hillside	1914	69	28	3
82	8 miles southeast	do.	S. Hintzel	E. Syer	Ridgetop	1917	71	157	3
84	do.	do.	C. C. Amsler	C. C. Amsler	Hilltop	1912	72	48	12
85	8 $\frac{1}{2}$ miles southeast	do.	Julius Brune	Otto Ulig	--	1928	71	42	4
86	9 $\frac{1}{2}$ miles southeast	J. Flanakin	Albert Janczak	Frank Eckleberg	--	1918	69	40	6
87	8 $\frac{1}{2}$ miles southeast	Daniel Gilliland	Taylor Sykes	Taylor Sykes	Bottoms	1931	76	39	12
88	7 $\frac{1}{2}$ miles southeast	Phillip Howard	Reinhardt Luhn	E. Syer	Hillside	1933	71	195	3
89	do.	do.	August Steck	--	Hilltop	1912	71	95	6
91	7 miles southeast	Henry P. Roffe	F. Krueger	E. Syer	--	1919	71	100	3
92	do.	do.	Gus Timme	Gus Timme	--	1893	72	57	36
93	6 $\frac{1}{2}$ miles southeast	do.	Theo Brosig	Fritz Krueger	--	1917	71	117	3
94	6 miles southeast	do.	Herman Krueger	E. Syer	--	1921	69	145	3

R. E. May, Project Superintendent

No.	Height of measuring point above ground (ft.) a/	Water Level		Pump and power b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
59	0.5	31.9	Jan. 30, 1937	C,G,3	D,S	110 feet steel casing at top. Screen at bottom. Owner reported water in sand and gravel, 110 to 117 feet.
61	1.3	34.4	Jan. 29, 1937	C,W,H	D,S	83 feet steel casing at top. Screen at bottom. Owner reported water in sand, 88 to 95 feet.
62	2	96	d/	C,W	D,S	122 feet steel casing at top. Screen at bottom. Owner reported water in sand and gravel, 122 to 132 feet.
63	0.3	41	d/	C,W,H	D,S	63 feet galvanized iron casing at top. Screen at bottom. Owner reported water in sand, 62 to 68 feet.
65	--	316	d/	C,G, 25	Ind	727 feet steel casing at top. Screen at bottom. Yard superintendent reported water in sand, 725 to 747 feet. See log.
69	1.7	40.6	Dec. 10, 1936	B,H	D,S	Dug well. 54 feet vitrified clay casing at top. Owner reported water in sand, 54 to 59 feet.
74	1	36.5	d/	C,W,H	D,S,I	68 feet steel casing at top. Screen at bottom. Tenant reported water in sand, 68 to 73 feet. Irrigates garden.
76	--	46.4	Feb. 25, 1937	C,W,H	D,S	Dug well. 87 feet steel casing at top inside wood casing. Screen at bottom. Owner reported water in gravel, 37 to 97 feet.
77	1	34	do.	C,G,5	D,S	Dug well. 56 feet rock casing. Owner reported water in sand, 56 to 65 feet.
78	1	62.5	Feb. 18, 1937	B,H	D,S	Dug well. 71 feet vitrified clay casing at top. Owner reported water in sand and gravel, 71 to 87 feet.
79	0.7	60	d/	C,W	D,S	64 feet steel casing at top. Screen at bottom. Owner reported water in sand, 64 to 68 feet.
80	0.7	21.5	Feb. 17, 1937	C,H	D,S	24 feet steel casing at top. Owner reported water in sand, 24 to 28 feet.
82	0.2	77.5	Feb. 16, 1937	C,W,H	D,S	149 feet steel casing at top. Screen at bottom. Owner reported water in gravel, 149 to 157 feet.
84	1.3	25.5	do.	C,H	D,S	Dug well. 42 feet wood casing at top. Owner reported water in sand, 42 to 48 feet.
85	0.3	24	d/	C,W	D,S	42 feet steel casing at top. Screen at bottom. Owner reported water in sand and gravel, 37 to 42 feet.
86	1	33.7	Feb. 15, 1937	C,H	D,S	35 feet steel casing at top. Screen at bottom. Owner reported water in sand, 35 to 40 feet.
87	2	31.3	Feb. 19, 1937	B,H	D,S	Dug well. 30 feet wood casing at top. Owner reported water in sand, 30 to 38 feet.
88	--	87	d/	C,H	D,S	190 feet steel casing at top. Screen at bottom. Water reported in sand, 190 to 195 feet.
89	--	61	d/	C,W,H	D,S	79 feet steel casing at top. Screen at bottom. Water reported in sand, 79 to 95 feet.
91	--	35	d/	C,W,H	D,S	94 feet steel casing at top. Screen at bottom. Owner reported water in sand, 94 to 100 feet.
92	0.5	42.4	Feb. 16, 1937	C,W,H	D,S	Dug well. 46 feet brick casing at top. Owner reported water in sand, 46 to 57 feet.
93	1	41.9	Feb. 18, 1937	C,W,H	D,S	113 feet steel casing at top. Screen at bottom. Owner reported water in sand, 110 to 117 feet.
94	1	76	d/	C,G,5	D,S	135 feet steel casing at top. Screen at bottom. Owner reported water in sand and gravel, 135 to 145 feet.

Records of wells in Austin County--Continued

No.	Distance from Bellville	Survey	Owner	Driller	Topographic situation	Date completed	Temperature (°F.)	Depth of well (ft.)	Diameter of well (in.)
95	4 $\frac{1}{2}$ miles southeast	Lewis Kincheloe	Nat Smith	Nat Smith	Ridge-top	1929	72	26	12
96	4 miles southeast	do.	Wm. Waak	--	Hilltop	1869	76	22	48
e/ 97	At Bellville	John Nichols	City of Bellville	J. W. Jackson	do.	1936	--	1,742	10
e/ 98	do.	do.	do.	do.	do.	1928	66	786	10
99	2 miles north	do.	Herman Woehst	Edgar Woehst	--	1920	66	52	12
100	3 $\frac{1}{4}$ miles north	Arthur Lott	Mrs. Lula Russ	--	Hilltop	1935	69	98	3
e/103	5 $\frac{1}{2}$ miles northwest	David Chandler	Mrs. S. Sanders	George Sanders	Hillside	1925	71	42	33
104	6 $\frac{1}{2}$ miles northwest	do.	do.	--	Valley	1891	65	79	18
e/105	7 miles northwest	do.	G. C. Harris	Walter E. Rinn	--	1932	57	216	6
107	7 $\frac{1}{2}$ miles northwest	do.	R. H. Luhn	R. J. Luhn	--	--	59	132	3
108	8 miles north	do.	Herman Pfeffer	--	Hillside	1903	72	30	30
109	9 miles northwest	S. Y. Reams	Emil Fenner	Emil Fenner	--	1914	72	32	24
113	10 $\frac{1}{2}$ miles northwest	James Cooper	W. C. Weiss	--	--	--	66	44	34
114	8 $\frac{1}{2}$ miles north	James Stephenson	H. L. Reese	--	Hilltop	1902	73	48	46
115	7 miles north	do.	Elizabeth Bergers	--	do.	1893	73	40	30
116	7 $\frac{1}{2}$ miles north	do.	Fritz Kramer	--	Hillside	1919	71	33	30
117	4 $\frac{1}{2}$ miles north	Willis Stanley	C. E. Wellmuth Estate	--	do.	1910	72	76	3
118	6 miles northeast	James Cochran	Beattie Sloan	W. F. Nolte	Hilltop	1922	71	52	10
119	6 $\frac{1}{2}$ miles northeast	do.	W. O. Hammack	--	--	1877	77	22	12
122	5 $\frac{1}{2}$ miles northeast	Amasa Ives	Brandt-Ludemeyer Gin	Emil Brandt	--	1919	65	69	4
123	do.	do.	Emil Brandt	--	--	1886	68	29	36
124	5 miles northeast	do.	Henry Froelich	Henry Dartay	--	1904	70	24	36
125	4 $\frac{1}{4}$ miles northeast	do.	Ed. Kaechele	Will Smith	--	--	70	37	12
126	4 $\frac{1}{2}$ miles east	do.	Willie Sontag	--	--	1916	71	86	3
127	3 $\frac{1}{2}$ miles northeast	James P. Stephenson	Emil Frank	--	--	1918	73	27	12

R. E. May, Project Superintendent

No.	Height of measuring point above ground (ft.) a/	Water Level		Pump and power b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
95	2.5	21.4	Feb. 24, 1937	B,H	D	Dug well. 20 feet wood casing at top. Owner reported water in sand, 20 to 26 feet.
96	2.4	17.4	do.	B,H	D,S	Dug well. 18 feet brick casing at top. Owner reported water in sand, 18 to 22 feet.
97	--	--	--	None	N	736 feet steel casing at top. Reported "dry" hole. See log.
98	1.2	31.0	d/	T,E, 15	P	See log.
99	1.5	44.4	Feb. 25, 1937	B,H	D	46 feet wood casing at top. Owner reported water in sand, 45 to 52 feet.
100	0.2	37.4	Mar. 1, 1937	C,W,H	D,S	93 feet steel casing at top. Screen at bottom. Owner reported water in sand and gravel, 92 to 98 feet.
103	0.4	14.7	Jan. 13, 1937	B,H	D,S	Dug well. 35 feet wood casing at top. Owner reported water in sand, 35 to 41 feet.
104	2	24.2	do.	C,W,H	D,S	Vitrified clay casing. Owner reported water in sand, 64 to 78 feet.
105	0.3	67.8	Jan. 12, 1937	C,W,H	D,S	194 feet steel casing at top. Screen at bottom. Owner reported water in sand, 194 to 132 feet.
107	1	81.5	do.	C,-,-	D,S, Ind	127 feet steel casing at top. Screen at bottom. Owner reported water in sand, 127 to 132 feet.
108	1	16.2	Mar. 3, 1937	B,H	D,S	Dug well. Vitrified clay casing at top. Owner reported water in sand, 26 to 30 feet.
109	3	27.4	do.	C,W	D,S	Dug well. 29 feet concrete casing at top. Owner reported water in sand, 29 to 33 feet.
113	0.6	14.8	Jan. 13, 1937	B,H	D,S	Dug well. 36 feet rock casing at top. Owner reported water in sand, 36 to 43 feet. Located inside store
114	1.5	27	d/	C,W,H	D,S	Dug well. 44 feet brick casing at top. Owner reported water in sand, 44 to 50 feet.
115	1	17.4	Mar. 3, 1937	C,W,H	D,S, I	Dug well. 30 feet concrete casing in side rock casing. Owner reported water in sand, 30 to 41 feet.
116	3	26.2	Mar. 2, 1937	B,H	D,S	Dug well. 29 feet vitrified clay casing at top. Owner reported water in sand, 29 to 33 feet.
117	1	64	d/	C,H	D,S	Dug well. 70 feet steel casing at top. Screen at bottom. Water reported in sand, 70 to 76 feet.
118	1.4	45.4	Mar. 1, 1937	B,H	D,S	Dug well. 50 feet wood casing at top. Water reported in sand, 46 to 52 feet.
119	1	13.7	do.	C,H	D,S	Dug well. 17 feet wood casing at top. Owner reported water in sand, 17 to 22 feet.
122	1	21	d/	C,-,-	Ind	58 feet galvanized iron casing at top. Screen at bottom. Driller reported water in sand, 58 to 60 feet.
123	1.2	21.3	Jan. 4, 1937	C,W	D,S	Dug well. 21 feet brick casing at top. Owner reported water in sand, 21 to 29 feet.
124	3	21.3	do.	C,W	D,S	Dug well. 22 feet concrete casing at top. Owner reported water in sand, 21 to 24 feet.
125	1.5	19	do.	C,H	D,S	Dug well. 32 feet wood casing at top. Owner reported water in sand, 32 to 37 feet.
126	0.3	47	d/	C,H	D,S	80 feet steel casing at top. Screen at bottom. Owner reported water in sand and gravel, 80 to 86 feet.
127	--	3.8	Feb. 25, 1937	B,H	D,S	Dug well. 12 feet wood casing at top. Owner reported water in sand, 14 to 26 feet.

Records of wells in Austin County--Continued

No.	Distance from Bellville	Survey	Owner	Driller	Topographic situation	Date completed	Temperature (°F.)	Depth of well (ft.)	Diameter of well (in.)
130	3 miles northeast	James P. Stephenson	F. F. Graff	--	--	1912	62	46	4
132	3 miles east	do.	Edmund Frank	--	--	1922	62	52	3
134	do.	do.	A. E. Lewis	--	Hilltop	1871	73	27	30
135	4 $\frac{1}{2}$ miles east	Thomas Bell	J. E. Henrichsen	John Henrichsen	--	1915	75	38	12
e/136	7 miles northeast	do.	P. A. McClinton	Deering & Kayser	--	--	--	4,864	--
137	4 miles east	do.	Nathan Harvey	Nathan Harvey	Hillside	1925	78	17	36
138	5 miles east	do.	C. L. Hoff	C. M. Hoff	--	1913	71	49	3
139	do.	Thomas Boatright	Emma Hagen	Emil Syer	--	1904	72	120	3
140	5 $\frac{1}{2}$ miles east	do.	Ben Peters	--	--	--	73	69	12
141	6 $\frac{1}{2}$ miles east	do.	J. H. Bishop	--	Hilltop	1907	70	120	3
e/142	7 $\frac{1}{2}$ miles east	do.	Herman Lueller	Emil Syer	--	1936	--	148	6
143	do.	do.	C. R. Brandes	--	--	1891	72	24	40
144	8 miles east	William C. White	H. H. Belcher	--	--	1912	63	36	4
145	8 $\frac{1}{2}$ miles east	do.	Humble Oil & Ref. Co.	Humble Oil & Ref. Co.	--	1929	66	310	6-5/8
146	do.	do.	do.	E. H. Wayne	--	1930	74	465	--
e/147	9 $\frac{1}{2}$ miles east	do.	R. E. Zieske	Humble Oil & Ref. Co.	--	1933	73	2,212	10
148	9 miles northeast	William Smeathers	Humble Oil & Ref. Co.	do.	--	1928	62	1,228	--
149	10 miles northeast	do.	William Lange	Joe Vacek	River bottoms	1905	63	67	36
e/150	do.	do.	Herbert Lischke	--	do.	1890	62	66	6
152	7 $\frac{1}{2}$ miles northeast	Mathew R. Williams	E. B. Wilson	--	--	1917	65	52	3
e/154	8 miles northeast	do.	Sarah E. Hellmuth	--	--	1927	65	56	3

R. E. May, Project Superintendent

No.	Height of measuring point above ground (ft.) <u>a/</u>	Water Level		Pump and power <u>b/</u>	Use of water <u>c/</u>	Remarks
		Depth below measuring point (ft.)	Date of measurement			
130	1	19	<u>d/</u>	C,H	D,S	40 feet steel casing at top. Screen at bottom. Tenant reported water in sand, 40 to
132	2	18	<u>d/</u>	C,H	D,S	40 feet galvanized casing at top. 46 feet. Water reported in sand, 42 to 48 feet.
134	2	19.4	Feb. 18, 1937	C,W,H	D,S	Dug well. 20 feet concrete casing at top. Owner reported water in sand, 21 to 27 feet.
135	1.5	31.3	Feb. 24, 1937	B,H	D	Dug well. 32 feet vitrified clay casing at top. Owner reported water in sand, 32 to 38
136	--	--	--	None	N	Oil test. See log. feet.
137	1.7	3.5	Feb. 24, 1937	B,H	D,S	Dug well. 12 feet concrete casing at top. Owner reported water in sand, 12 to 17 feet.
138	0.3	23.9	Feb. 23, 1937	C,W,H	D,S	46 feet steel casing at top. Screen at bottom. Owner reported water in sand, 45 to 49
139	0.5	43	<u>d/</u>	C,W,H	D,S	110 feet steel casing at top. Screen feet. at bottom. Owner reported water in sand,
140	3	54.2	Feb. 23, 1937	B,H	D,S	Dug well. 60 feet wood 107 to 120 feet. casing at top. Owner reported water in sand,
141	1	63	<u>d/</u>	C,W	D,S	110 feet steel casing at top. 60 to 69 feet. Screen at bottom. Owner reported water in
142	0.2	62	<u>d/</u>	C,-,-	S,Ind	140 feet steel casing sand, 110 to 120 feet. at top. Screen at bottom. Water reported in sandy gravel, 140 to 148 feet.
143	2.5	17.5	Feb. 19, 1937	B,H	D,S	Dug well. 18 feet brick casing at top. Owner reported water in sand, 19 to 23 feet.
144	1	16.2	Jan. 6, 1937	C,W	D,S	Steel casing. Formerly supplied two 125-horsepower boilers.
145	--	Flows	Jan. 8, 1937	T,E, 10	D	263 feet of 24-pound steel casing at top. Screen at bottom. Water reported in sand, 263 to 310 feet. Estimated flow, 75 gallons
146	0.2	16.5	Jan. 6, 1937	T,E, 15	Ind	260 feet of 15 $\frac{1}{2}$ -inch casing; 133 a minute. feet of 10-inch casing; 195 $\frac{1}{2}$ feet of 8-inch casing; screen and back pressure valves.
147	--	Flows	--	None	N	1,212 feet steel casing. Measured flow, 1 $\frac{1}{2}$ gallons a minute.
148	--	Flows	Jan. 7, 1937	--	D,I	39 feet of 10 $\frac{3}{8}$ -inch casing; 918 feet of 6-5/8-inch casing; 384 $\frac{1}{2}$ feet of 4 $\frac{1}{2}$ -inch casing. Estimated flow, 10 gallons a minute.
149	3	22.4	Jan. 5, 1937	C,G,3	D,S	Dug well. 56 feet concrete casing at top. Owner reported water in sand, 56 to 67 feet.
150	1.2	23.4	do.	C,-,-	Ind	57 feet steel casing at top. Screen at bottom. Water reported in sand, 57 to 63 feet. Pumped by Diesel engine. Located at gin.
152	0.5	21	<u>d/</u>	C,W	D	44 feet steel casing at top. Screen at bottom. Water reported in sand, 44 to 52 feet.
154	0.4	19.1	Jan. 5, 1937	C,W	D,S	49 feet steel casing at top. Screen at bottom. Tenant reported water in sand, 49 to 56 feet. Old well 50 feet north of this well.

Records of wells in Austin County--Continued

No.	Distance from Sealy	Survey	Owner	Driller	Topographic situation	Date completed	Temperature (°F.)	Depth of well (ft.)	Diameter of well (in.)
201	11½ miles west	H. & T.C.R.R.	Emma Dittert	Walter E. Rinn	River bottoms	1924	67	89	3
203	11 miles west	do.	Ed. Schultz	Ed. Schultz	Hillside	1909	67	83	3
204	10½ miles northwest	V. W. Swearinger	Mary Datla	Ed. Hess	--	1913	71	96	4
205	9 miles northwest	do.	Tom Eckelberg	Otto Ohle	--	1925	71	118	4
206	9 miles west	H. & T.C.R.R.	Otto Hill	-- Froebel	--	1916	76	32	12
207	10 miles west	do.	Chas. Kretzschmar	--	Hilltop	1893	69	62	36
208	7½ miles west	do.	Chas. Zachas	--	--	1904	70	95	4
209	6½ miles west	do.	Adolph Drab	--	Hilltop	1906	69	66	4
210	5½ miles west	do.	J. C. Oldag	--	--	1918	71	84	12
e/211	7 miles northwest	Benj. L. Cheek	Fritz Bresig	--	Bottoms	--	70	57	36
e/213	4½ miles north	James Cummins' Hacienda	Herman Loehr	Will Smith	Hilltop	1916	67	91	3
214	do.	do.	Chas. Schroeder	--	--	1894	74	60	36
218	3½ miles northwest	H. & T.C.R.R.	Fritz Sens	--	--	1912	69	46	24
221	2¾ miles north	Stephen F. Austin	Frank Jurica	Frank Eckleberg	--	1918	69	86	5
222	3¾ miles northeast	do.	John Maler	John Maler	--	1934	71	56	2
223	3 miles northeast	do.	Ben E. Albert	Sam Bassett	--	1920	71	66	2
225	2½ miles west	H. & T.C.R.R.	Horace Clark	--	Hilltop	--	70	87	3
226	1 mile west	do.	Anna Timme	--	--	1894	71	88	12
227	½ mile west	R. S. Teel	Herman Buchtien	Ferdinand Lux	--	1915	--	56	6
228	¼ mile northwest	San Felipe de Austin	Community Pub. Ser. Co.	Layne-Texas Co.	--	1930	67	304	10
230	2 miles northeast	do.	W. M. Remmert	--	--	1894	69	89	6
e/231	3 miles northeast	do.	Ben Thomas	--	--	1916	72	61	6
232	1½ miles northeast	do.	T. G. Schaare	--	Hilltop	1904	69	107	3

a/ Measuring point was usually top of casing, top of pump base, or top of well curb.

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

R. E. May, Project Superintendent

No.	Height of measuring point above ground (ft.) a/	Water Level		Pump and power b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
201	1	51.4	Jan. 31, 1937	C,W,H	D,S	85 feet galvanized iron casing at top. Screen at bottom. Water reported in sand, 85
203	1	42.4	do.	C,W,H	D,S,I	79 feet galvanized iron casing to 89 feet. at top. Screen at bottom. Owner reported water in sand, 79 to 83 feet. Irrigates gar-
204	--	64.8	Jan. 30, 1937	C,W	D,S	90 feet steel casing at top. Screen at den. bottom. Water reported in sand, 90 to 96
205	--	72	do.	C,W,H	D,S	112 foot steel casing at top. Screen feet. at bottom. Water reported in sand, 112 to
206	1.2	25.8	Jan. 31, 1937	C,W,H	D,S	Dug well. 26 feet concrete casing 118 feet. at top. Water reported in sand, 26 to 32
207	--	34.4	do.	B,H	D,S	Dug well. 59 feet brick casing at feet. top. Water reported in sand, 59 to 62 feet.
208	1	63.7	do.	C,W,H	D,S	89 foot steel casing at top. Screen at bot- tom. Owner reported water in sand, 89 to 95
209	--	36.5	do.	C,W,H	D,S	60 feet steel casing at top. Screen feet. at bottom. Owner reported water in sand, 60
210	1	65	d/	C,W,H	D,S	78 feet concrete casing at top. to 66 feet. Owner reported water in sand, 78 to 84 feet.
211	2.4	38.5	Dec. 11, 1936	B,H	D,S	Dug well. 52 feet stone casing at top. Owner reported water in sand, 52 to 57 feet.
213	0.5	62	do.	C,W,H	D,S	87 feet galvanized iron casing at top. Screen at bottom. Water reported in sand
214	1.5	42.3	Jan. 15, 1937	C,W,H	D,S	Dug well. 48 and gravel, 86 to 91 feet. feet brick casing at top. Owner reported
218	2	36.1	Dec. 17, 1936	C,W	D,S	Dug well. water in sand, 49 to 59 feet. Concrete casing.
221	1	41	d/	C,H	D,S	86 feet steel casing, bottom joint perforated. Owner reported water in sand, 75 to
222	2	38.4	Feb. 3, 1937	C,H	D,S	51 foot galvanized iron casing at 86 feet. top. Screen at bottom. Owner reported water in sand, 51 to 56 feet.
223	2	39.2	Jan. 29, 1937	C,H	D,S	61 feet galvanized iron casing at top. Screen at bottom. Owner reported water in sand, 61 to 65 feet.
225	0.5	44	d/	C,H,W	D,S	Dug well. 83 feet steel casing at top. Screen at bottom. Tenant reported water in
226	1	56.3	Jan. 26, 1937	C,W	D,S	Dug well. 78 feet wood sand, 83 to 87 feet. casing at top. Owner reported water in sand,
227	--	40	d/	C,W,& G, 3 1/2	D,S	50 feet wrought iron casing 78 to 84 feet. set on hard rock. Owner reported water in
228	0.5	82.3	Dec. 17, 1936	T,E,	P	See log. sand, 50 to 56 feet.
		63.1	Jan. 8, 1937			
230	0.7	49	d/	C,W,H	D,S	85 feet steel casing at top. Screen at bot- tom. Owner reported water in sand.
231	1.8	47.4	Jan. 29, 1937	B,H	D,S	54 feet steel casing set on rock. Owner re- ported water in sand, 54 to 61 feet.
232	1	53	d/	C,W,H	D,S,I	99 feet steel casing at top. Screen at bot- tom. Owner reported water in gravel, 99 to 107 feet.

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

d/ Water level reported.

e/ No water sample collected for analysis.

Records of wells in Austin County--Continued

No.	Distance from Sealy	Survey	Owner	Driller	Topographic situation	Date completed	Temperature (°F.)	Depth of well (ft.)	Diameter of well (in.)
233	1 $\frac{3}{4}$ miles east	San Felipe de Austin	Ed. Anderson	--	Hilltop	1921	73	75	8
234	1 $\frac{1}{2}$ miles east	do.	Fritz Spreng	Tom Eckleberg	--	1923	68	102	6
236	2 $\frac{1}{4}$ miles south	do.	H. G. Clark	H. G. Clark	--	1876	61	66	4
238	3 miles south	do.	Z. Novick	--	--	1905	69	51	10
239	4 miles southwest	do.	Wm. Satler	--	--	1917	69	74	12
240	6 $\frac{1}{2}$ miles southwest	do.	John Zahradnick	--	--	1907	68	47	10
241	6 miles south	do.	Joachin Hinze	Ferdinand Luchs	--	1917	68	43	4
244	4 $\frac{1}{4}$ miles south	Chas. F. Machmehl	Mary Sodolak	Tom Eckleberg	--	1935	68	57	3
246	6 miles south	Miles N. Allen	Jos. Taska	Frank Eckleberg	--	1920	61	68	4
e/248	8 miles south	R. H. Moore	Chas. Habermacher	do.	--	1921	68	86	3
251	8 $\frac{1}{2}$ miles south	Antonio Mancha	Ben Stern	Vince Gallie	--	1935	61	92	2
252	do.	do.	M. N. Allen	--	--	1874	68	57	12
e/253	7 $\frac{1}{2}$ miles southeast	do.	Philip Witte	Chas. Mahler	--	--	68	62	4
254	9 $\frac{1}{2}$ miles south	C. C. D. Co.	C. Kaechele	Frank Eckleberg	--	1916	63	63	4
255	10 miles south	Mrs. Jesse Doykin	Alfred Barta	Alfred Barta	--	1890	--	85	2
257	11 $\frac{1}{2}$ miles south	Jacob Stevens	F. Parma	--	--	1916	67	97	3
258	13 miles south	do.	J. Korcak	Chas. Mahler	--	1918	70	97	3
259	12 $\frac{1}{2}$ miles south	do.	Joe Vasicek	Jim Galea	--	1916	69	102	2
e/260	12 miles southeast	do.	John Klecha	Chas. Mahler	--	1921	68	98	3
261	10 $\frac{1}{2}$ miles south	do.	I. Minks	-- Bowman	--	1920	--	96	4
e/262	11 $\frac{1}{2}$ miles southeast	do.	Louis W. Peters	--	--	1924	68	104	3
e/263	do.	do.	Frank Barta	Chas. Mahler	--	1916	69	98	3
e/264	12 miles southeast	do.	W. G. J. Engelking	do.	--	1933	67	92	3

R. E. May, Project Superintendent

No.	Height of measuring point above ground (ft.)	Water Level		Pump and power b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
233	1.2	52.7	Jan. 28, 1937	B,H	D,S	64 feet galvanized iron casing at top set on rock. Tenant reported water in sand, 64 to 74 feet. Nearly fails in drought.
234	--	56.4	do.	C,W,H	D,S	98 feet steel casing at top. Screen at bottom. Owner reported water in gravel, 98 to 102 feet.
236	1.2	20	Jan. 8, 1937	C,W	D,S	54 feet steel casing at top. Screen at bottom. Owner reported water in sand, 54 to 65 feet.
238	0.5	44.2	Feb. 21, 1937	B,H	D,S	50 feet concrete pipe at top. Owner reported water in sand, 50 to 52 feet.
239	--	49.7	Mar. 18, 1937	C,W,H	D,S	Dug well. 70 feet wood casing at top. Water reported in sand, 69 to 74 feet.
240	1	27.2	do.	C,W,H	D,S	47 foot wood casing at top, bottom 2 feet perforated. Owner reported water in sand.
241	1	20.6	do.	C,W,H	D,S	42 feet galvanized iron casing at top. Screen at bottom. Owner reported water in sand, 42 to 47 feet.
244	1	32.4	Jan. 14, 1937	C,W,H	D,S	49 feet steel casing at top. Screen at bottom. Owner reported water in sand, 49 to 57 feet.
246	--	36	Jan. 18, 1937	C,W,H	D,S	60 feet steel casing at top. Brass screen at bottom. Water reported in sand, 63 to 68 feet.
248	1	41	d/	C,W,H	D,S	82 feet galvanized iron casing at top. Screen at bottom. Owner reported water in sand, 82 to 87 feet.
251	--	48.6	Jan. 18, 1937	C,W	D,S	88 feet steel casing at top. Screen at bottom. Owner reported water in sand, 88 to 92 feet. Well 54 feet deep nearby.
252	2	26.7	do.	C,W	D,S	50 feet vitrified clay casing at top. Owner reported water in sand, 50 to 56 feet.
253	1.4	31.7	Dec. 18, 1936	C,W	D,S	58 feet galvanized iron casing. Screen at bottom. Owner reported water in sand, 55 to 62 feet.
254	--	29.4	Jan. 19, 1937	C,W,& G,3	D,S,I	52 feet casing. Screen at bottom. Water reported in sand, 52 to 63 feet.
255	1	41	d/	C,W	D,S	78 feet steel casing at top. Screen at bottom. Owner reported water in sand.
257	0.4	51	d/	C,H	D,S,I	93 feet steel casing at top. Screen at bottom. Owner reported water in sandy gravel, 92 to 98 feet.
258	1	48.7	Jan. 26, 1937	C,W,H	D,S	93 feet steel casing at top. Screen at bottom. Tenant reported water in gravel, 93 to 97 feet.
259	1	46	d/	C,W,H	D,S	96 feet steel casing at top. Screen at bottom. Owner reported water in gravel, 96 to 102 feet.
260	0.4	46	d/	C,W,H	D,S	94 feet steel casing at top. Screen at bottom. Tenant reported water in sandy gravel, 94 to 99 feet.
261	--	43	d/	C,W	D,S	Galvanized iron casing. Owner reported water in gravel, 90 to 96 feet.
262	0.2	52	d/	C,W,H	D,S	96 feet steel casing at top. Screen at bottom. Owner reported water in sand, 96 to 104 feet.
263	0.7	43.0	Jan. 21, 1937	C,W,H	D,S	94 feet steel casing at top. Screen at bottom. Owner reported water in gravel, 94 to 98 feet.
264	0.2	43.5	Jan. 20, 1937	C,E,3	D,S	84 feet steel casing at top. Screen at bottom. Owner reported water in sand, 84 to 92 feet.

Records of wells in Austin County--Continued

No.	Distance from Sealy	Survey	Owner	Driller	Topographic situation	Date completed	Temperature (°F.)	Depth of well (ft.)	Diameter of well (in.)
e/265	12 miles southeast	Jacob Stevens	Wallis Water Works	Chas. Novosad	--	1922	67	125	3
e/266	12½ miles southeast	David Shelby et al.	Henry Toellner	Chas. Boelman	--	1887	69	102	3
e/267	14 miles southeast	do.	H. A. Crigar	--	--	1915	69	109	3
e/268	13 miles southeast	do.	Louis Sprain	--	Bottoms	Old	71	38	30
e/269	11½ miles southeast	D.H. Milburn & Thomas Davis	Ellen Scrogan	Chas. Mahler	do.	1922	68	87	3
e/270	11 miles southeast	do.	C. H. Waddell	do.	do.	1931	69	79	3
e/271	9½ miles southeast	Stephen Richardson	J. W. Johnston	--	--	Old	--	48	36
e/272	7 miles southeast	Robert H. Richardson	K. Zaruba	--	--	1914	69	50	36
e/273	8 miles southeast	John Little	Herman Habermacher	Chas. Mahler	Bottoms	1925	70	83	4
274	4½ miles southeast	John P. Borden	Johana Zapolka	--	--	1886	68	64	30
275	4½ miles southeast	do.	John Buchala, Sr.	--	--	1905	68	90	36
e/276	5½ miles east	Stephen F. Austin	Mike Belunck	Ferdinand Luchs	--	1934	67	62	12

a/ Measuring point was usually top of casing, top of pump base, or top of well curb.

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

R. E. May, Project Superintendent

No.	Height of measuring point above ground (ft.) a/	Water Level		Pump and power b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
265	0.3	40.5	Jan. 20, 1937	C,G, 2 $\frac{1}{2}$	P	121 feet steel casing at top. Screen at bottom. Water reported in sand, 121 to 125
266	--	36.4	do.	C,W,H	D,S	98 feet steel casing at top. Screen [] feet. at bottom. Water reported in sandy gravel, 98 to 102 feet. Unused well 64 feet deep is located 50 feet east.
267	0.5	53.5	Jan. 21, 1937	C,T,H	D,S	101 feet steel casing at top. Screen at bottom. Owner reported water in gravel, 101 to
268	0.8	22.5	Dec. 12, 1936	B,H	D,S	Dug well. 32 feet vitrified clay [] 110 feet. casing at top. Sand trap at bottom. Water reported in sand, 32 to 40 feet.
269	1.7	52	d/	C,W,H	D,S	83 feet galvanized iron casing at top. Screen at bottom. Tenant reported water in sand, 82 to 88 feet.
270	1	50	d/	C,H	S	75 feet steel casing at top. Screen at bottom. Owner reported water in sand, 74 to 80
271	--	23.7	Dec. 16, 1936	B,H	S	Dug well. Stone casing. Owner reported water in sand. [] feet.
272	1.3	28.4	Dec. 17, 1936	C,H	D,S	Dug well. 46 feet concrete casing at top. Owner reported water in sand, 44 to 50 feet.
273	2	62	d/	C,T	D,S	79 feet steel casing at top. Screen at bottom. Owner reported water in sandy gravel,
274	0.2	42	d/	C,W,H	D,S	Dug well. 60 feet vitrified [] 78 to 85 feet. clay casing at top. Owner reported water in
275	--	68.9	Mar. 24, 1937	C,G,-	D,S, Ind	Dug well. 88 feet [] sand, 60 to 65 feet. brick casing, square, at top. Water reported in sand, 88 to 96 feet.
276	--	46.4	do.	C,W,H	D,S	Dug well; 60 feet concrete casing at top. Water reported in sand, 60 to 63 feet.

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

d/ Water level reported.

e/ No water sample collected for analysis.

Table of Drillers' Logs, Austin County, Texas

	Thickness (feet)	Depth (feet)
<u>Driller's log of Well 5</u>		
M. L. Fitzsimmons, F. W. Schuereberg Estate #1. 15 miles northwest of Bellville.		
Surface materials-	10	10
White sandy clay-	11	21
Water sand-	16	37
Hard sandy lime-	15	52
White, gray, and red sandy shale-	29	81
Hard packed sand, water-	23	104
Shale and lime rock-	45	149
Shale and boulders-	10	159
Shale-	15	174
Blue sand rock-	1	175
Blue gumbo-	6	181
Porous broken lime-	6	187
Water sand-	6	193
Shale and boulders-	8	201
Hard sand rock-	1	202
Blue heaving shale-	45	247
Blue gumbo-	12	259
Sand rock-	12	271
Shale-	8	279
Sand rock-	2	281
Shale and boulders-	63	344
Hard sand rock-	1	345
Hard lime rock-	35	380
Shale-	20	400
Shale with lime streaks-	119	519
Shale and boulders-	101	620
Hard shale with lime streaks-	53	673
Gumbo with shale streaks-	61	734
Sand, water-	7	741
Shale and boulders-	60	801
Hard shale with lime streaks-	39	840
Gumbo-	6	846
Hard shale and lignite-	24	870
Hard black rock-	2	872
Gumbo-	4	876
Sand, flowing sulphur water-	11	887
Sandy shale with lime streaks-	45	932
Hard gumbo-	30	962
Brown shale-	6	968
Brown gumbo-	15	983
Shale and streaks of gumbo-	54	1037
Lime rock-	2	1039
Hard gumbo, shale, and streaks of lime-	73	1112
Hard lime rock-	6	1118
Shale and gumbo-	13	1131
Sand-	9	1140
Lime and hard gumbo-	26	1166
Rock and sand-	4	1170
Black sooty gumbo-	10	1180

	Thickness (feet)	Depth (feet)
<u>Driller's log of Well 5--Continued</u>		
Sand rock-	2	1182
Hard shale and gumbo-	28	1210
Hard lime rock-	2	1212
Shale and boulders-	4	1216
Hard lime rock-	4	1220
Hard lime and gumbo streaks-	11	1231
Hard rock, streaks of lime, sand, and pyrite-	12	1243
Shale-	3	1246
Hard sand, lime, and pyrite-	10	1256
Gumbo-	4	1260
Lime rock-	4	1264
Gumbo-	35	1299
Lime rock and pyrite-	2	1301
Blue gumbo-	17	1318
Lime and pyrite-	1	1319
Gumbo-	4	1323
Lime and pyrite-	1	1324
Gumbo-	6	1330
Lime and pyrite-	1	1331
Gumbo-	17	1348
Shale and boulders-	16	1364
Gumbo-	10	1374
Crystalliferous lime-	51	1425
Anhydrite-	677	2102
Salt-		2102
TOTAL DEPTH-		2102

<u>Driller's log of well 14</u>		
Melloy-Knolle Oil Co., Chas. F. Knolle #2. 15 miles west of Bellville.		
Clay-	40	40
Red shale and sand-	20	60
Water sand-	23	83
Rock-	7	90
Red gumbo-	17	107
Shale and sand-	10	127
Tight gumbo-	13	140
Sand rock-	2	142
Gumbo-	58	200
Red water sand-	12	212
Gumbo-	26	238
Hard sand rock-	2	240
Blue shale-	40	280
Gumbo-	21	301
Sand and boulders-	11	312
Hard gumbo-	15	327
Broken shale and sand-	14	341
Gumbo-	8	349
Sand rock-	3	352
Tight blue gumbo-	48	400
Blue shale-	27	427
Gumbo-	76	503

(Continued on next page)

Table of Drillers' Logs, Austin County--Continued

	Thickness (feet)	Depth (feet)
Driller's log of Well 14--Continued		
Hard sand-	16	519
Gumbo-	18	537
Hard lime rock-	2	539
Gumbo-	72	611
Porous sand rock-	14	625
Sandy shale-	37	662
Gumbo and boulders-	50	712
Lime and gumbo-	51	763
Gumbo-	17	780
Sand and shale-	20	800
Hard gumbo-	64	864
Rock-	32	896
Gumbo-	11	907
Shale-	95	1002
Gumbo-	41	1043
Shale-	18	1061
Hard sand rock-	5	1066
Gumbo-	15	1081
Shale-	23	1103
Gumbo-	93	1196
Shale-	3	1199
Gumbo-	27	1226
Sand, shale, and boulders-	9	1235
Gumbo-	103	1343
Shale-	9	1352
Gumbo-	153	1504
TOTAL DEPTH-		1504

Driller's log of well 23		
Arkansas Fuel Oil Co., H. W. Poschell #1. 8 miles west of Bellville.		
Surface materials-	54	54
Broken rock and shale-	30	74
Sand-	12	86
Shale and shell rock-	85	171
Sand and gravel-	91	262
Water sand-	28	290
Sticky shale-	17	307
Shale-	48	355
Sand and gravel-	195	550
Shale and shells-	305	855
Shale and boulders-	20	875
Broken rock-	40	915
Sand and shale-	20	935
Sticky shale-	65	1000
Shale and shells-	118	1118
Boulders and shells-	92	1210
Sticky shale-	30	1230
Shale and boulders-	90	1320
Sticky shale-	40	1360
Shale and boulders-	39	1399
Sticky shale and lime-	62	1461
Hard shale-	4	1465
Sand and shale-	40	1505
Sticky shale-	25	1530

	Thickness (feet)	Depth (feet)
Driller's log of Well 25--Continued		
Broken rock-	20	1550
Hard sand and shale-	40	1590
Shale and lime shells-	110	1700
Sticky shale-	144	1844
Sand-	12	1856
Shale and boulders-	57	1913
Hard shale-	15	1928
Sticky shale-	60	1988
Hard lime-	4	1992
Sticky shale and lime-	114	2106
Hard shale and lime shells-	66	2172
Sticky shale and bould- ers-	214	2386
Sticky shale and lime-	86	2472
Hard shale and shell-	22	2494
Sand and shale-	36	2530
Sticky shale with lime streaks-	100	2630
Sticky shale and lime-	40	2670
Hard shale-	30	2700
TOTAL DEPTH-		4010

Driller's log of well 65		
G. C. & S. F. R. R. Co., 1 3/4 miles south- east of Bellville.		
Blue joint clay-	16	16
White water sand-	31	47
Clay-	2	49
Coarse white sand-	40	89
Clay-	10	99
Coarse white sand-	20	119
Clay-	25	144
Gumbo-	6	150
Sandstone-	1	151
Clay-	7	158
Fine sand-	3	161
Sandstone-	4	165
Fine sand-	5	170
Sandstone-	6	176
Clay-	5	181
Hard rock-	1	182
Fine sand-	10	192
Sandstone-	1	193
Gumbo-	6	199
Rock-	2	201
Gumbo-	2	203
Rock-	4	207
Gumbo-	5	212
Rock-	2	214
Hard shale-	26	240
Tough gumbo-	10	250
Rock-	2	252
Gumbo-	1	253
Rock-	6	259

Table of Drillers' Logs, Austin County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 65--continued</u>		
Gumbo-	32	291
Rock-	2	293
Hard sand-	3	296
Rock-	7	303
Fine hard sand-	11	314
Gumbo-	6	320
Rock-	1	321
Sand-	3	324
Hard rock-	1	325
Tough gumbo-	7	332
Hard rock-	2	334
Shale-	1	335
Hard rock-	2	337
Sticky shale-	17	354
Tough gumbo-	19	373
Rock-	9	382
Sand-	2	384
Rock-	9	393
Tough gumbo-	20	413
Rock-	1	414
Packed sand and rock-	6	420
Hard packed sand-	21	441
Tough gumbo-	11	452
Packed sand-	17	469
Shale streaked with gumbo-	131	650
Rock-	1	651
Hard shale-	16	667
Rock-	5	672
Gumbo-	16	688
Rock-	1	689
Hard sand and rock-	9	698
Coarse sand, water-	37	735
Gumbo-		735
TOTAL DEPTH-		735

<u>Driller's log of well 97</u>		
J. W. Jackson, City of Bellville. At Bellville.		
Clay-	40	40
Sand-	8	48
Tough clay-	42	90
Hard sand-	16	106
Tough clay-	9	115
Shale-	23	138
Clay-	40	178
Lime rock-	36	214
Gumbo and boulders-	12	226
Gumbo-	34	260
Rock-	3	263
Gumbo-	73	336
Hard sand-	5	341
Loose sand-	4	345
Rock-	13	358
Sand-	6	364
Gumbo-	7	371

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 97--continued</u>		
Rock-	5	376
Hard shale-	9	385
Lime rock-	5	390
Tough shale-	14	404
Gumbo-	33	437
Sand-	13	450
Gumbo-	24	474
Sand and gravel-	22	496
Gumbo-	34	530
Hard shale-	28	558
Gumbo-	25	583
Hard shale-	19	602
Gumbo-	4	606
Sandy shale-	22	628
Tough shale-	10	638
Lime rock-	4	642
Tough shale-	28	670
Sand rock-	6	676
Hard sand-	8	684
Sand rock-	5	689
Gumbo-	6	695
Water sand-	65	760
Sandy shale-	17	777
Gumbo-	23	800
Sandy shale-	21	821
Gumbo and shale-	19	840
Hard shale-	28	868
Rock-	3	871
Gumbo-	54	925
Hard shale-	21	946
Tough shale-	18	964
Hard shale-	31	995
Tough shale-	41	1036
Gumbo-	14	1050
Tough shale-	62	1112
Gumbo-	10	1122
Tough shale-	58	1180
Limestone, gypsum, and sand-	12	1192
Tough shale-	15	1207
Crusty shale-	5	1212
Hard shale-	58	1270
Rock-	30	1300
Gumbo-	73	1373
Hard shale-	81	1454
Gumbo-	49	1503
Heavy shale-	57	1560
Gumbo-	38	1598
Tough hard shale-	72	1670
Gumbo-	16	1686
Tough shale-	56	1742
TOTAL DEPTH-		1742
(This well, drilled for water, is reported to have been a dry hole.)		

Table of Drillers' Logs, Austin County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 98</u>		
J. W. Jackson, City of Bellville.		At
Bellville.		
Red sand- - - - -	27	27
Sand- - - - -	32	59
Sandy clay- - - - -	9	68
Sand- - - - -	17	85
Sandy clay- - - - -	11	96
Gumbo- - - - -	92	188
Rock- - - - -	5	193
Hard sand- - - - -	16	209
Rock- - - - -	5	214
Gumbo- - - - -	63	277
Rock- - - - -	1	278
Gumbo- - - - -	54	332
Sand- - - - -	2	334
Rock- - - - -	5	339
Sand- - - - -	6	345
Gumbo- - - - -	14	359
Rock- - - - -	5	364
Sand- - - - -	13	382
Gumbo- - - - -	66	448
Sandy shale- - - - -	12	460
Gumbo- - - - -	28	488
Water sand- - - - -	20	508
Sandy shale- - - - -	6	514
Gumbo- - - - -	61	575
Sandy shale- - - - -	15	590
Gumbo- - - - -	91	681
Sand- - - - -	7	688
Rock- - - - -	2	690
Water sand- - - - -	21	711
Gumbo- - - - -	9	720
Hard water sand- - - - -	40	760
Sand and blue gumbo- - - - -	26	786
TOTAL DEPTH- - - - -		786
CASING RECORD: 740 feet of 10-inch casing and screen; back pressure valve on bottom.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 136</u>		
Deering & Keyser, P. A. McClinton #1.		
7 miles northeast of Bellville.		
Sand and clay- - - - -	40	40
Sand and clay, water- - - - -	40	80
Sand, water- - - - -	30	110
Clay- - - - -	10	120
Sand and boulders- - - - -	26	146
Gumbo and boulders- - - - -	28	174
Clay and boulders- - - - -	39	213
Rock- - - - -	2	215
Clay- - - - -	6	221
Clay and boulders - - - - -	15	236
Gumbo- - - - -	20	256
Rock- - - - -	2	258
Clay and boulders- - - - -	67	325

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 136--continued</u>		
Gumbo and boulders- - -	58	333
Gumbo- - - - -	36	419
Sand, water- - - - -	30	449
Gumbo- - - - -	25	474
Lime- - - - -	26	500
Gumbo- - - - -	10	510
Sand, water- - - - -	16	526
Sand and gravel- - - - -	15	541
Gumbo- - - - -	25	566
Lime- - - - -	30	596
Gumbo- - - - -	20	616
Sand, water- - - - -	15	631
Sand and lime- - - - -	26	657
Gumbo and boulders- - -	85	742
Lime and boulders- - -	25	767
Gumbo- - - - -	13	780
Sand, water- - - - -	28	808
Lime- - - - -	25	833
Shale- - - - -	12	845
Gumbo- - - - -	33	878
Shale- - - - -	25	903
Gumbo- - - - -	15	918
Shale and lime- - - - -	21	939
Lime- - - - -	4	943
Gumbo- - - - -	22	965
Shale- - - - -	20	985
Lime- - - - -	48	1033
Shale and lime- - - - -	25	1058
Gumbo- - - - -	28	1086
Lime- - - - -	17	1103
Sand and lime- - - - -	2	1105
Sandy lime- - - - -	8	1113
Lime rock- - - - -	3	1116
Gumbo- - - - -	14	1130
Sandy lime- - - - -	6	1136
Lime and boulders- - -	22	1158
Shale and lime- - - - -	15	1173
Gumbo- - - - -	10	1183
Shale- - - - -	17	1200
Shale and lime- - - - -	45	1245
Gumbo- - - - -	25	1270
Shale- - - - -	10	1280
Sand- - - - -	12	1292
Gumbo- - - - -	12	1304
Sand and gravel- - - - -	5	1309
Lime and boulders- - -	9	1318
Lime- - - - -	24	1342
Gumbo- - - - -	14	1356
Sand and shale- - - - -	18	1374
Gumbo- - - - -	25	1399
Shale- - - - -	14	1413
Sandy shale- - - - -	10	1423
Shale- - - - -	5	1428
Lime and boulders- - -	25	1453
Gumbo- - - - -	50	1503

(continued on next page)

Table of Drillers' Logs, Austin County--Continued

	Thickness (feet)	Depth (feet)
Driller's log of well 136--continued		
Sandy shale- - - - -	21	1524
Lime- - - - -	14	1538
Gumbo- - - - -	26	1564
Lime rock- - - - -	7	1571
Gumbo- - - - -	20	1591
Sandy shale- - - - -	14	1605
Shale- - - - -	20	1625
Gumbo- - - - -	15	1640
Shale- - - - -	14	1654
Gumbo- - - - -	12	1666
Sandy shale- - - - -	20	1686
Shale and lime- - - - -	18	1704
Gumbo- - - - -	20	1724
Shale and lime- - - - -	35	1759
Shale- - - - -	18	1777
Lime- - - - -	17	1794
Shale and lime- - - - -	6	1800
Sand and shale- - - - -	25	1825
Shale- - - - -	35	1860
Gumbo- - - - -	15	1875
Sandy shale- - - - -	15	1890
Shale- - - - -	15	1905
Gumbo- - - - -	24	1929
Shale- - - - -	22	1951
Gumbo- - - - -	18	1969
Sandy shale- - - - -	19	1988
Shale- - - - -	16	2004
Sandy lime- - - - -	7	2011
Lime- - - - -	8	2019

	Thickness (feet)	Depth (feet)
Driller's log of well 136--continued		
Gumbo- - - - -	21	2040
Shale- - - - -	20	2060
TOTAL DEPTH- - - - -		4864

Driller's log of well 228		
Community Public Service Co. 14 miles northwest of Seely.		
Surface materials- - - - -	3	3
Yellow clay- - - - -	50	53
Rock- - - - -	17	70
Sand- - - - -	2	72
Clay- - - - -	18	90
Sand- - - - -	41	131
Gumbo- - - - -	6	137
Sand- - - - -	21	158
Gumbo- - - - -	40	198
Sand- - - - -	21	219
Clay- - - - -	24	243
Sand, water- - - - -	22	265
Clay- - - - -	10	275
Sand, water- - - - -	24	299
Clay- - - - -	5	304
TOTAL DEPTH- - - - -		304
CASING RECORD: 178 feet of 10-inch casing; 123 feet of 8-inch casing and screen; 8-inch nipple on bottom of 8-inch casing.		

Logs of test wells drilled by W. P. A. labor in Austin County, Texas
Samples examined and classified by R. E. May,
Project Superintendent.

	Thickness (feet)	Depth (feet)
<u>Well 20</u>		
F. Frnka tract, A. J. Bell survey, 14 miles west of Bellville.		
Surface materials-	2	2
Red clay-	4	6
Sand-	3	9
Sandy clay-	2	11
Water sand-	3	14
Struck water at 11 feet.		
Water level, 9.2 feet below top of ground 2 hours after hole completed.		
March 11, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 31</u>		
Top of hill, T. Wering tract, Elizabeth M. Kuykendall Survey, 11 $\frac{1}{2}$ miles northwest of Bellville.		
Black material-	2	2
Blue clay-	2	4
Chalk-	6	10
Yellow clay-	3	13
Chalk-	4	17
Rock-		17
March 8, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 37</u>		
G. Ludemeyer tract, James Cooper Survey, 11 miles northwest of Bellville.		
Surface materials-	1	1
Red clay-	5	6
Light-colored sand-	3	9
Chalk-	3	12
Rock-		12
March 9, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 39</u>		
Side of hill, A. Herring tract, John W. Kenney Survey, 9 $\frac{1}{2}$ miles northwest of Bellville.		
Sand-	1	1
Sandstone-	3	4
Water sand-	3	7
Struck water at 4 feet.		
Water level, 2 feet below top of ground, $\frac{1}{2}$ hour after hole completed.		
January 19, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 41</u>		
Gus C. Gaskam tract, John W. Kenney Survey, 8 $\frac{1}{2}$ miles northwest of Bellville.		
Black materials-	4	4
Blue gumbo-	5	9
Yellow clay-	5	14

	Thickness (feet)	Depth (feet)
<u>Well 41 continued</u>		
Coarse-grained sand-	8	32
Red clay-	4	26
Clay and sand-	8	34
Water sand-	5	39
Struck water at 34 feet.		
Water level, 31 feet below top of ground, $\frac{1}{4}$ hour after hole completed.		
March 4, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 43</u>		
Charles F. Pfeffer tract, John W. Kenney Survey, 8 miles northwest of Bellville.		
Loose sand-	6	6
Quicksand-	3	9
January 18, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 45</u>		
Side of hill, I. J. Kachele tract, John W. Kenney Survey, 7 $\frac{1}{2}$ miles northwest of Bellville.		
Surface materials-	4	4
Clay-	7	11
Coarse-grained red sand-	7	18
Gumbo-	8	26
Chalk-	3	29
Yellow clay-	6	35
Sand-	4	39
Sand and clay-	6	45
Rock-		45
March 4, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 49</u>		
H. W. Loesch tract, John Fitzgibbens Survey, 6 miles northwest of Bellville.		
Sandy materials-	3	3
Red clay-	4	7
Red sandstone-	3	10
Rock-		10
January 13, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 51</u>		
Post oak thicket, Austin County State Bank tract, John Fitzgibbens Survey, 3 $\frac{3}{4}$ miles northwest of Bellville.		
Sandy materials-	4	4
Coarse-grained red sand-	5	9
Red clay and sand-	10	19
Blue clay-	2	21
Red clay-	8	29
Water sand-	4	33
Struck water at 29 feet.		
Water level, 26 feet below top of ground, 7 hours after hole completed.		
January 13, 1937.		

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

	Thickness (feet)	Depth (feet)
<u>Well 53</u>		
Post oak thicket, Wash Stokes tract, Richard Graham Survey, 2 $\frac{1}{4}$ miles north- west of Bellville.		
Sand- - - - -	2	2
Yellow sand- - - - -	4	6
Red and yellow sand- - - -	3	9
Red clay- - - - -	7	16
White sand- - - - -	3	19
Red clay- - - - -	9	28
Coarse-grained yellow sand-	8	36
Blue clay- - - - -	3	39
Water sand- - - - -	2	41
Struck water at 39 feet.		
Water level, 37 feet below top of ground, 4 hours after hole completed.		
January 12, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 60</u>		
Side of hill, Fred Palm tract, James Cummins' Hacienda survey, 5 miles south of Bellville.		
Black materials- - - - -	3	3
Yellow clay- - - - -	4	7
Red clay- - - - -	5	12
Sand- - - - -	6	18
Clay and sand- - - - -	4	22
Rock- - - - -	2	24
Blue clay- - - - -	7	31
Sand and clay- - - - -	4	35
Sand- - - - -	7	42
Yellow gumbo- - - - -	6	48
Red clay- - - - -	4	52
Water sand- - - - -	5	57
Struck water at 53 feet.		
Water level, 49 feet below top of ground, 2 hours after hole completed.		
February 4, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 64</u>		
G. C. & S. F. R.R. Co. yards, James Cummins' Hacienda survey, 1 $\frac{1}{2}$ miles south of Bellville.		
Yellow sand- - - - -	1	1
Iron ore and sand- - - - -	1	2
Iron ore- - - - -	1	3
Red clay- - - - -	1	4
Yellow clay- - - - -	2	6
Yellow clay and sand- - -	5	11
Red clay and sand- - - -	4	15
Yellow clay and sand- - -	2	17
Coarse-grained sand and pea- sized gravel- - - - -	4	21
Gravel and sand- - - - -	2	23
Blue clay- - - - -	3	26
Yellow clay- - - - -	7	33

	Thickness (feet)	Depth (feet)
<u>Well 64 continued</u>		
Red sand- - - - -	6	39
Water sand- - - - -	4	43
Struck water at 39 feet.		
Water level, 36 feet below top of ground, 2 hours after hole completed.		
December 10, 1936.		

	Thickness (feet)	Depth (feet)
<u>Well 66</u>		
G. C. & S. F. R.R. Co. tract, James Cummins' Hacienda survey, 2 miles southeast of Bellville.		
Clay and sand- - - - -	5	5
Yellow clay- - - - -	7	12
Coarse-grained sand- - -	6	18
Gumbo- - - - -	9	27
Red clay and sand- - - -	6	33
Coarse-grained sand- - -	7	40
Yellow clay- - - - -	9	49
Chalk- - - - -	3	52
Gumbo- - - - -	5	57
Rock- - - - -		57
February 25, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 67</u>		
L. A. Machemehl tract, James Cummins' Hacienda survey, 2 $\frac{1}{4}$ miles south of Bellville.		
Gumbo- - - - -	2	2
Yellow clay- - - - -	2	4
Course sand- - - - -	3	7
Chalk- - - - -	2	9
Coarse-grained sand- - -	3	12
Clay and chalk- - - - -	5	17
Yellow clay- - - - -	4	21
Red clay- - - - -	2	23
Coarse-grained sand- - -	3	26
Blue clay- - - - -	9	35
Water sand- - - - -	3	38
Struck water at 35 feet.		
Water level, 33 feet below top of ground, 3 hours after hole completed.		
December 11, 1936.		

	Thickness (feet)	Depth (feet)
<u>Well 68</u>		
August Timme tract, James Cummins' Hacienda survey, 3 $\frac{1}{2}$ miles southeast of Bellville.		
Black gumbo- - - - -	3	3
Yellow clay- - - - -	2	5
White clay- - - - -	4	9
Yellow clay- - - - -	7	16
Coarse-grained sand- - -	2	18
Yellow clay- - - - -	4	22
Quicksand, water- - - - -	6	28
(Continued on next page)		

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

	Thickness (feet)	Depth (feet)
<u>Well 68 continued</u>		
Water level, 22 feet below top of ground, 24 hours after hole completed. December 12, 1936.		

	Thickness (feet)	Depth (feet)
<u>Well 70</u>		
Otto Abel tract, James Cummins' Hacienda survey, 4 $\frac{1}{2}$ miles southeast of Bellville.		
White sand-	3	3
Yellow clay and sand-	2	5
Yellow clay-	3	8
Coarse-grained sand-	2	10
Yellow clay-	3	13
Quicksand-	1	14
Water sand-	2	16
Struck water at 14 feet.		
Water level, 14 feet below top of ground, 2 hours after hole completed. December 12, 1936.		

	Thickness (feet)	Depth (feet)
<u>Well 71</u>		
August Neimek tract, James Cummins' Hacienda survey, 5 $\frac{1}{2}$ miles southeast of Bellville.		
White sand-	1	1
Yellow clay and sand-	3	4
Yellow clay-	4	8
Coarse-grained sand-	2	10
Red clay-	3	13
Clay and sand-	1	14
Water sand-	2	16
Struck water at 14 feet.		
Water level, 13 feet below top of ground, 1 hour after hole completed. December 12, 1936.		

	Thickness (feet)	Depth (feet)
<u>Well 72</u>		
Mex Regenbreecht tract, James Cummins' Hacienda survey, 6 miles southeast of Bellville.		
Black gumbo-	3	3
Yellow clay-	4	7
Red and yellow clay-	5	12
Coarse-grained yellow sand-	4	16
Light-colored clay-	5	21
Clay and sand-	4	25
Soft limestone-	5	30
Yellow clay-	4	34
Red clay-	3	37
Coarse-grained sand-	2	39
Blue clay-	6	45
Blue clay and sand-	3	48
Water sand-	5	53
Struck water at 48 feet.		
Water level, 41 feet below top of ground, 1 hour after hole completed. December 14, 1936.		

	Thickness (feet)	Depth (feet)
<u>Well 73</u>		
Henry Schubert tract, James Cummins' Hacienda survey, 7 miles southeast of Bellville.		
Sand-	2	2
Iron ore-	3	5
Yellow clay-	3	8
Yellow clay and sand-	4	12
Water sand-	3	15
Struck water at 12 feet.		
Water level, 10 feet below top of ground, 3 hours after hole completed. December 15, 1936.		

	Thickness (feet)	Depth (feet)
<u>Well 75</u>		
E. Grube tract, James Cummins' Hacienda survey, 3 $\frac{1}{4}$ miles southeast of Bellville.		
Sandy materials-	5	5
Yellow and red clay-	16	21
Coarse-grained sand-	9	30
Blue clay-	6	36
Coarse-grained sand-	5	41
Red clay-	7	48
Blue gumbo-	12	60
Sand-	4	64
Water sand-	6	70
Struck water at 64 feet.		
Water level, 61 feet below top of ground, $\frac{1}{2}$ hour after hole completed. February 23, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 81</u>		
Otto Teichmann tract, James Cummins' Hacienda survey, 7 $\frac{1}{2}$ miles southeast of Bellville.		
Surface materials-	3	3
Yellow clay-	4	7
Red clay-	4	11
Rock-		11
February 16, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 83</u>		
Julius Brune tract, James Cummins' Hacienda survey, 8 miles southeast of Bellville.		
Black gumbo-	14	14
Blue gumbo-	4	18
Yellow clay-	6	24
Chalk-	2	26
Red and yellow clay-	2	28
Clay and sand-	4	32
Sand-	4	36
Struck water at 32 feet.		
Water level, 30 feet below top of ground, 4 hours after hole completed. February 19, 1937.		

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

	Thickness (feet)	Depth (feet)
<u>Well 90</u>		
Herman Krueger tract, Phillip Howard survey, 7 miles southeast of Bellville.		
Sandy materials- - - - -	2	2
Yellow clay- - - - -	6	8
Sand- - - - -	4	12
Clay- - - - -	5	17
Chalk- - - - -	2	19
Red clay- - - - -	6	25
Red sand- - - - -	4	29
Yellow clay- - - - -	6	35
Rock- - - - -	2	37
February 16, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 101</u>		
Max L. W. Reinecke tract, Arthur Lott survey, 4 $\frac{1}{4}$ miles north of Bellville.		
Surface materials- - - - -	3	3
Yellow clay- - - - -	2	5
Coarse-grained sand- - - - -	5	10
Red clay- - - - -	7	17
Clay and sand- - - - -	4	21
Water sand- - - - -	4	25
Struck water at 21 feet.		
Water level, 19 feet below top of ground, 2 hours after hole completed.		
March 1, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 102</u>		
Post oak thicket, John Campbell tract, Arthur Lott survey, 4 $\frac{3}{4}$ miles northwest of Bellville.		
White sand- - - - -	3	3
Yellow sand- - - - -	4	7
White sand- - - - -	2	9
Red clay- - - - -	9	18
White sand- - - - -	2	20
Red clay- - - - -	7	27
Coarse-grained sand- - - - -	11	38
Clay- - - - -	3	41
Water sand- - - - -	5	46
Struck water at 41 feet.		
Water level, 38 feet below top of ground, 2 hours after hole completed.		
January 13, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 106</u>		
J. Sturb tract, David Chandler survey, 7 $\frac{1}{2}$ miles northwest of Bellville.		
Surface materials- - - - -	3	3
Red clay- - - - -	4	7
Sandstone- - - - -	2	9
Rock- - - - -		9
January 18, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 110</u>		
Robert Tesch tract, J. Hall survey, 10 miles northwest of Bellville.		
Black gumbo- - - - -	6	6
Blue clay- - - - -	2	8
Yellow clay- - - - -	4	12
Chalk- - - - -	2	14
Rock- - - - -		14
January 21, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 111</u>		
Side of hill, Robert Tesch tract, J. Hall survey.		
Black gumbo- - - - -	6	6
Blue clay- - - - -	2	8
Yellow clay- - - - -	4	12
Chalk- - - - -	2	14
Rock- - - - -		14
January 19, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 112</u>		
W. O. Weiss tract, Henry Matthews survey, 10 $\frac{1}{2}$ miles northwest of Bellville.		
Black gumbo- - - - -	3	3
Blue clay- - - - -	3	6
Yellow clay- - - - -	4	10
Chalk- - - - -	2	12
Coarse-grained sand- - - - -	3	15
Water sand- - - - -	4	19
Struck water at 15 feet.		
Water level, 14 feet below top of ground, 2 hours after hole completed.		
January 20, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 120</u>		
Wallas Kabesmeski tract, Amasca Ives survey, 6 $\frac{1}{2}$ miles northeast of Bellville.		
Top soil- - - - -	3	3
Yellow clay- - - - -	3	6
Red clay- - - - -	2	8
Chalk- - - - -	4	12
Coarse-grained sand- - - - -	18	30
Clay- - - - -	2	32
Water sand- - - - -	5	37
Struck water at 32 feet.		
Water level, 30 feet below top of ground, 24 hours after hole completed.		
January 6, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 121</u>		
Emil Brandt tract, Amasca Ives survey, 5 $\frac{1}{2}$ miles northeast of Bellville.		
Black materials- - - - -	3	3
Red clay- - - - -	2	5
Yellow clay- - - - -	6	11

(Continued on next page)

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

	Thickness (feet)	Depth (feet)
<u>Well 121 continued</u>		
Blue clay- - - - -	2	13
Coarse-grained sand- - - - -	7	20
Rock- - - - -	1	21
Water sand- - - - -	3	24
Struck water at 21 feet.		
Water level, 20 feet below top of ground, 2 hours after hole completed.		
January 5, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 128</u>		
Ben Fisher tract, James P. Stephenson survey, 3 $\frac{1}{2}$ miles northeast of Bellville.		
Black materials- - - - -	4	4
Red and yellow clay- - - - -	7	11
Coarse-grained sand- - - - -	5	16
Water sand- - - - -	3	19
Struck water at 16 feet.		
Water level, 16 feet below top of ground, 2 hours after hole completed.		
January 5, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 129</u>		
Otto Lischka tract, James P. Stephenson survey, 3 miles northeast of Bellville.		
Sandy materials- - - - -	2	2
Yellow clay- - - - -	3	5
Red clay- - - - -	2	7
Water sand- - - - -	2	9
Struck water at 7 feet.		
Water level, 6 feet below top of ground, 1 hour after hole completed.		
March 1, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 131</u>		
Otto Fielder tract, James P. Stephenson survey, 2 $\frac{1}{2}$ miles east of Bellville.		
Black materials- - - - -	3	3
Red clay- - - - -	2	5
Yellow clay- - - - -	5	10
Coarse-grained sand- - - - -	4	14
Blue clay- - - - -	3	17
Water sand- - - - -	4	21
Struck water at 17 feet.		
Water level, 16 feet below top of ground, 21 hours after hole completed.		
January 4, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 133</u>		
Fritz Raube tract, James P. Stephenson survey, 1 $\frac{1}{2}$ miles east of Bellville.		
Surface materials- - - - -	3	3
Yellow clay- - - - -	4	7
Coarse-grained sand- - - - -	4	11
Red clay- - - - -	5	16
Blue clay- - - - -	1	17

	Thickness (feet)	Depth (feet)
<u>Well 133 continued</u>		
Water sand- - - - -	3	20
Struck water at 17 feet.		
Water level, 17 feet below top of ground, 4 hours after hole completed.		
January 4, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 151</u>		
Charles A. Letimer tract, William Smothers survey, 9 miles northeast of Bellville.		
Black materials- - - - -	4	4
Yellow clay- - - - -	3	7
Coarse-grained sand- - - - -	2	9
Water sand- - - - -	3	12
Struck water at 9 feet.		
Water level, 9 feet below top of ground, 2 hours after hole completed.		
January 8, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 153</u>		
Ollie Wilson tract, Mathew R. Williams survey, 7 $\frac{1}{2}$ miles northeast of Bellville.		
Black materials- - - - -	4	4
Yellow clay- - - - -	3	7
Blue clay- - - - -	5	12
Yellow clay- - - - -	3	15
Quartz- - - - -	1	16
Red clay- - - - -	9	25
Yellow clay- - - - -	6	31
Coarse-grained sand- - - - -	4	35
Water sand- - - - -	4	39
Struck water at 35 feet.		
Water level, 34 feet below top of ground, 3 hours after hole completed.		
January 7, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 202</u>		
School tract, Louis von Roeder survey, 11 miles west of Sealy.		
Sandy materials- - - - -	2	2
Red clay- - - - -	3	5
Yellow clay- - - - -	4	9
Chalk- - - - -	2	11
Rock- - - - -		11
March 10, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 212</u>		
Fred L. Kyle tract, James Cummins' Hacienda survey, 5 $\frac{1}{2}$ miles north of Sealy.		
Sand- - - - -	2	2
Yellow clay- - - - -	3	5
White clay and sand- - - - -	3	8
Clay- - - - -	1	9
Coarse-grained white sand- - - - -	3	12

(Continued on next page.)

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

	Thickness (feet)	Depth (feet)
<u>Well 212 continued</u>		
Red clay- - - - -	5	17
Yellow clay- - - - -	5	22
Water sand- - - - -	3	25
Struck water at 22 feet.		
Water level, 20 feet below top of ground, 2 hours after hole completed.		
December 15, 1936.		

	Thickness (feet)	Depth (feet)
<u>Well 215</u>		
E. C. Steck tract, James Cummins' Hacienda survey, 4 $\frac{1}{2}$ miles north of Sealy.		
Sandy materials- - - - -	4	4
Yellow clay- - - - -	3	7
Sand- - - - -	3	10
Struck water at 7 feet.		
Water level, 7 feet below top of ground, 24 hours after hole completed.		
February 17, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 216</u>		
Anna Holt tract, H. & T. C. R.R. Co. survey, 4 miles north of Sealy.		
Sand- - - - -	2	2
Clay- - - - -	3	5
Clay and sand- - - - -	2	7
Red clay- - - - -	3	10
Sand- - - - -	2	12
Struck water at 10 feet.		
Water level, 9 feet below top of ground, 1/3 hour after hole completed.		
February 18, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 217</u>		
Mrs. Bettie Leeman tract, H. & T. C. R.R. Co. survey, 3 $\frac{3}{4}$ miles north of Sealy.		
Yellow sand- - - - -	2	2
Iron ore- - - - -	4	6
Red sand- - - - -	3	9
Red clay- - - - -	3	12
Coarse-grained sand and clay- - - - -	3	15
Water sand- - - - -	3	18
Struck water at 15 feet.		
Water level, 14 feet below top of ground, 2 hours after hole completed.		
December 16, 1936.		

	Thickness (feet)	Depth (feet)
<u>Well 219</u>		
William Stack tract, C. C. Allen survey, 3 miles north of Sealy.		
White sand- - - - -	2	2
Yellow clay- - - - -	3	5
Red clay- - - - -	6	11
Red clay and sand- - - - -	3	14

	Thickness (feet)	Depth (feet)
<u>Well 219 continued</u>		
Water sand- - - - -	3	17
Struck water at 14 feet.		
Water level, 13 feet below top of ground, 4 hours after hole completed.		
December 16, 1936.		

	Thickness (feet)	Depth (feet)
<u>Well 220</u>		
Tom Watson tract, Stephen F. Austin survey, 2 $\frac{1}{4}$ miles north of Sealy.		
White sand- - - - -	2	2
Yellow clay- - - - -	5	7
Red clay- - - - -	5	12
Yellow clay- - - - -	3	15
Water sand- - - - -	3	18
Struck water at 15 feet.		
Water level, 13 feet below top of ground, 5 hours after hole completed.		
December 16, 1936.		

	Thickness (feet)	Depth (feet)
<u>Well 224</u>		
Isaac Gifford tract, Isaac Gifford survey, 1 $\frac{1}{2}$ miles northwest of Sealy.		
Yellow sand- - - - -	2	2
Red clay- - - - -	4	6
Yellow clay- - - - -	3	9
Yellow clay and sand- - -	4	13
Coarse-grained white sand-	2	15
Yellow clay- - - - -	5	20
Water sand- - - - -	3	23
Struck water at 20 feet.		
Water level, 18 feet below top of ground, 2 hours after hole completed.		
December 16, 1936.		

	Thickness (feet)	Depth (feet)
<u>Well 229</u>		
J. W. Allen tract, San Felipe de Austin survey, $\frac{1}{4}$ mile west of Sealy.		
Fine-grained light-colored sand- - - - -	4	4
Yellow clay- - - - -	9	13
Red clay- - - - -	4	17
Coarse-grained sand- - -	3	20
Yellow clay- - - - -	6	26
Yellow clay and sand- -	4	30
Water sand- - - - -	3	33
Struck water at 30 feet.		
Water level, 28 feet below top of ground, 1 hour after hole completed.		
December 16, 1936.		

	Thickness (feet)	Depth (feet)
<u>Well 235</u>		
C. Luhn tract, San Felipe de Austin survey, 1 $\frac{1}{2}$ miles south of Sealy.		
Sand- - - - -	4	4

(Continued on next page)

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

	Thickness (feet)	Depth (feet)
<u>Well 235 continued</u>		
Yellow clay- - - - -	4	8
Yellow and red clay- - - -	3	11
Red clay- - - - -	7	18
Yellow clay- - - - -	5	23
Blue clay- - - - -	3	26
Coarse-grained sand- - - -	2	28
Water sand- - - - -	4	32
Struck water at 28 feet.		
Water level, 27 feet below top of ground, 1 hour after hole completed.		
December 17, 1936.		

<u>Well 237</u>		
Mary Reznleck tract, San Felipe de Austin survey, 2 $\frac{3}{4}$ miles south of Sealy.		
Sand- - - - -	3	3
Yellow clay- - - - -	2	5
Red clay- - - - -	2	7
Sand and clay- - - - -	1	8
Water sand- - - - -	3	11
Struck water at 8 feet.		
Water level, 7 feet below top of ground, 2 hours after hole completed.		
December 17, 1936.		

<u>Well 242</u>		
Thomas Watson tract, H. & T. C. R.R. Co. survey, 3 $\frac{3}{4}$ miles south of Sealy.		
Surface materials- - - - -	3	3
Yellow clay- - - - -	4	7
Red clay- - - - -	3	10
Water sand- - - - -	2	12
Struck water at 10 feet.		
Water level, 10 feet below top of ground, 3 hours after hole completed.		
December 17, 1936.		

<u>Well 243</u>		
Stephen Sebahlah tract, C. F. Machmehl survey, 4 $\frac{1}{2}$ miles south of Sealy.		
Sandy materials- - - - -	3	3
Red clay- - - - -	4	7
Sand and yellow clay- - -	5	12
Blue clay- - - - -	4	16
Coarse-grained sand- - - -	3	19
Water sand- - - - -	2	21
Struck water at 19 feet.		
Water level, 18 feet below top of ground, 2 hours after hole completed.		
December 18, 1936.		

<u>Well 245</u>		
J. V. Wosnitsky tract, H. & T. C. R.R. Co. survey, 5 $\frac{1}{2}$ miles south of Sealy.		
Sandy materials- - - - -	4	4
Red clay- - - - -	4	8

	Thickness (feet)	Depth (feet)
<u>Well 245 continued</u>		
Yellow clay- - - - -	3	11
Coarse-grained sand- - - -	7	18
Blue clay- - - - -	2	20
Water sand- - - - -	3	23
Struck water at 20 feet.		
Water level, 20 feet below top of ground, 1 hour after hole completed.		
December 18, 1936.		

<u>Well 247</u>		
Charles Tomlinson tract, Miles N. Allen survey, 7 miles south of Sealy.		
Surface materials- - - - -	3	3
Yellow clay- - - - -	4	7
Coarse-grained sand- - - -	5	12
Clay and chalk- - - - -	3	15
Yellow clay- - - - -	2	17
Red clay- - - - -	3	20
Coarse-grained sand- - - -	8	28
Yellow clay- - - - -	5	33
Water sand- - - - -	5	38
Struck water at 33 feet.		
Water level, 32 feet below top of ground, 3 hours after hole completed.		
December 18, 1936.		

<u>Well 249</u>		
Russell Benton tract, Adam Kuykendall survey, 8 miles south of Sealy.		
Sandy materials- - - - -	3	3
Yellow clay- - - - -	5	8
Coarse-grained sand- - - -	5	13
Clay and chalk- - - - -	2	15
Red and yellow clay- - - -	6	21
Coarse-grained sand- - - -	9	30
Yellow clay- - - - -	6	36
Water sand- - - - -	4	40
Struck water at 36 feet.		
Water level, 33 feet below top of ground, 2 hours after hole completed.		
January 22, 1937.		

<u>Well 250</u>		
J. W. Johnston tract, J. Spence survey, 8 $\frac{1}{2}$ miles south of Sealy.		
Surface materials- - - - -	3	3
Yellow clay- - - - -	4	7
Coarse-grained sand- - - -	7	14
Yellow clay- - - - -	2	16
Water sand- - - - -	2	18
Struck water at 16 feet.		
Water level, 15 feet below top of ground, $\frac{1}{2}$ hour after hole completed.		
January 26, 1937.		

Partial analyses of water from wells in Austin County, Texas

(Analyzed at the University of Texas under the direction of Dr. E. P. Schoch, Director of the Bureau of Industrial Chemistry; by J. E. Stulken, D. F. Riddell, H. T. Davidson, Floyd H. Ward, and F. G. Steer, Chemists; and J. A.

Harmaza, Martin Wieland, and Jack Ramsey, Assistant Chemists. Nitrate determined by E. W. Lohr, U. S.

Geological Survey. Results are in parts per million. Well numbers correspond to numbers in table of well records.)

Well No.	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calculated)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calculated)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Total hardness as CaCO ₃ (calculated)
1	W. A. Voelkel	76	Mar. 16, 1937	308	-	-	-	275	32	24	b/	-
2	Karl Neumann	16	do.	-	-	-	-	-	98	165	b/	-
3	V. Janes	75	Mar. 11, 1937	328	-	-	-	275	40	30	b/	-
4	Herbert Thielemann	53	do.	458	-	-	-	165	a/	71	160	-
6	Alfred Schultze	62	do.	989	-	-	-	146	448	150	b/	-
7	Hugo Huebner	98	Mar. 10, 1937	526	-	-	-	293	40	54	110	-
8	B. W. Huebner	55	Mar. 12, 1937	1,138	-	-	-	189	20	230	450	-
9	Willie Hold	30	Mar. 8, 1937	584	130	5	71	305	40	92	b/	344
11	Hugo Fischer & Anna Hartman	25	Jan. 1, 1937	235	-	-	-	220	20	17	b/	-
12	Reinhold Lehrmann	97	Mar. 12, 1937	363	-	-	-	268	24	26	52	-
13	J. C. Buenger	105	Jan. 14, 1937	378	-	-	-	354	7	50		-
15	Walter E. Rinn	44	do.	689	-	-	-	55	22	96	350	-
16	Otto Arndt	47	Mar. 17, 1937	238	-	-	-	171	36	30	b/	-
19	-- School	131	Mar. 16, 1937	487	130	5	50	342	40	94	b/	344
20	W. P. A. test	14	Mar. 11, 1937	71	-	-	-	24	24	11	b/	-
21	H. L. Frnka	135	Mar. 16, 1937	336	-	-	-	281	24	46	b/	-
22	Henry Gross	85	Mar. 17, 1937	223	-	-	-	232	9	13	b/	-
24	T. M. Kamas	27	Jan. 14, 1937	248	-	-	-	146	40	46	b/	-
25	V. Chaluepkua	38	do.	349	-	-	-	360	a/	30	b/	-
26	John Arning	82	Mar. 10, 1937	424	-	-	-	275	43	50	45	-
27	Otto Veckert	64	Mar. 9, 1937	247	-	-	-	98	78	36	b/	-
28	B. Wering	86	Mar. 10, 1937	559	-	-	-	299	40	90	88	-
29	Chris Loesch	67	do.	430	-	-	-	183	32	130	24	-
30	Mrs. H. J. Albert	95	do.	647	-	-	-	317	32	138	95	-
32	Willie Spreen	19	do.	668	-	-	-	305	148	124	b/	-
33	Carl Holt	120	Mar. 12, 1937	1,115	-	-	-	110	59	365	280	-
34	C. L. Luedeke	57	Mar. 11, 1937	491	-	-	-	268	59	120	b/	-
35	Emil Hopman	39	Mar. 10, 1937	601	-	-	-	329	32	166	b/	-

a/ Sulphate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

Partial analyses of water from wells in Austin County--Continued

Results are in parts per million.

Well No.	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calculated)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na / K) (calculated)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Total hardness as CaCO ₃ (calculated)
36	New Wehdem School	68	Mar. 9, 1937	-	-	-	-	-	20	36	b/	-
38	Hy Honerkamp	28	do.	527	-	-	-	73	98	210	b/	-
40	Andrew Herring	119	Jan. 13, 1937	480	-	-	-	134	67	176	b/	-
41	W. P. A. test	39	Mar. 4, 1937	235	-	-	-	98	20	30	60	-
42	Louis Loesch	25	Mar. 8, 1937	576	-	-	-	183	40	162	88	-
44	Frank W. Mikeska	24	Mar. 3, 1937	328	-	-	-	207	40	26	46	-
47	Fritz Richter	47	Mar. 9, 1937	58	-	-	-	18	a/	21	b/	-
48	John H. Goeke	65	Mar. 3, 1937	-	-	-	-	-	32	110	115	-
50	Mrs. D. Laas	163	Mar. 8, 1937	287	-	-	-	238	32	30	b/	-
51	W. P. A. test	33	Jan. 13, 1937	65	-	-	-	12	10	26	b/	-
52	M. D. Harper	46	Jan. 12, 1937	-	-	-	-	-	40	58	b/	-
53	W. P. A. test	41	do.	440	78	7	81	281	20	90	26	224
57	John Surovik	104	Jan. 14, 1937	285	-	-	-	275	16	24	b/	-
58	Arnold Goebel	65	Jan. 30, 1937	218	-	-	-	195	10	28	b/	-
59	Chas. Riniker	117	do.	183	-	-	-	171	a/	24	b/	-
60	W. P. A. test	57	Feb. 4, 1937	766	156	10	113	342	143	176	b/	431
61	Fred Palm	95	Jan. 29, 1937	220	-	-	-	220	a/	20	b/	-
62	Sam Vornkahl	132	Jan. 30, 1937	142	-	-	-	140	a/	13	b/	-
64	W. P. A. test	43	Dec. 10, 1936	450	-	-	-	342	16	94	b/	-
67	do.	38	Dec. 11, 1936	-	-	-	-	-	28	230	b/	-
68	do.	28	Dec. 12, 1936	-	-	-	-	-	20	204	22	-
70	do.	16	do.	73	-	-	-	49	12	10	b/	-
71	do.	16	do.	-	-	-	-	-	a/	15	b/	-
72	do.	53	Dec. 14, 1936	53	-	-	-	24	10	12	b/	-
73	do.	15	Dec. 15, 1936	-	-	-	-	-	10	22	b/	-
74	E. Grube	73	Feb. 25, 1937	275	-	-	-	281	10	20	b/	-
75	W. P. A. test	70	Feb. 23, 1937	126	-	-	-	73	16	28	b/	-
76	H. H. Schroeder	97	Feb. 25, 1937	277	-	-	-	256	14	30	b/	-
77	Albert Mernitz	65	do.	260	-	-	-	256	11	22	b/	-
78	Fritz Nelius	88	Feb. 18, 1937	332	-	-	-	329	a/	34	b/	-
79	do.	68	Feb. 17, 1937	61	-	-	-	43	a/	13	b/	-
80	Aug. A. Reichle	28	do.	95	-	-	-	37	17	26	b/	-
82	S. Hintzel	157	Feb. 16, 1937	144	-	-	-	122	a/	20	b/	-
83	W. P. A. test	36	Feb. 19, 1937	709	-	-	-	268	158	170	b/	-
84	C. C. Amsler	48	Feb. 16, 1937	-	-	-	-	-	120	192	56	-

a/ Sulphate less than 10 parts per million.

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Partial analyses of water from wells in Austin County--Continued
Results are in parts per million.

Well No.	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calculated)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na / K) (calculated)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Total hardness as CaCO ₃ (calculated)
85	Julius Brune	42	Feb. 15, 1937	592	-	-	-	201	59	220	b/	-
86	Albert Janczak	40	do.	-	-	-	-	-	73	102	b/	-
87	Taylor Sykes	39	Feb. 19, 1937	580	-	-	-	415	103	60	b/	-
88	Reinhardt Luhn	195	Feb. 16, 1937	-	-	-	-	-	a/	22	b/	-
89	August Steck	95	do.	-	-	-	-	-	16	87	b/	-
91	F. Krueger	100	Feb. 19, 1937	344	-	-	-	342	11	31	b/	-
92	Gus Tirme	57	Feb. 16, 1937	497	-	-	-	24	26	180	120	-
93	Theo Brosig	117	Feb. 18, 1937	292	-	-	-	293	11	23	b/	-
94	Herman Krueger	145	Feb. 24, 1937	175	-	-	-	171	a/	16	b/	-
95	Nat Smith	26	do.	456	-	-	-	122	14	215	b/	-
96	Wm. Waak	22	do.	1,769	-	-	-	262	378	650	b/	-
99	Herman Woehst	52	Feb. 25, 1937	329	-	-	-	37	17	53	145	-
100	Mrs. Lula Russ	98	Mar. 1, 1937	67	-	-	-	49	a/	13	b/	-
101	W. P. A. test	25	do.	160	-	-	-	98	32	22	b/	-
102	do.	46	Jan. 13, 1937	91	-	-	-	37	12	28	b/	-
104	Mrs. S. Sanders	79	do.	168	52	-	9	67	28	46	b/	130
107	R. H. Luhn	132	Jan. 12, 1937	348	-	-	-	287	40	36	b/	-
108	Herman Pfeffer	30	Mar. 3, 1937	437	-	-	-	159	47	90	75	-
109	Emil Fenner	32	do.	288	-	-	-	220	32	40	b/	-
112	W. P. A. test	19	Jan. 20, 1937	225	-	-	-	159	14	48	b/	-
113	W. C. Weiss	44	Jan. 13, 1937	703	-	-	-	250	40	274	b/	-
114	H. L. Reese	48	Mar. 3, 1937	-	-	-	-	-	35	62	88	-
115	Elizabeth Bergers	40	do.	392	-	-	-	159	22	84	75	-
116	Fritz Kramer	33	Mar. 2, 1937	-	-	-	-	-	21	23	145	-
117	C. E. Hellmuth Est.	76	Mar. 1, 1937	153	-	-	-	98	26	23	b/	-
118	Beattie Sloan	52	do.	66	-	-	-	31	a/	22	b/	-
119	W. O. Hammack	22	do.	137	-	-	-	85	22	23	b/	-
120	W. P. A. test	37	Jan. 6, 1937	-	-	-	-	-	10	70	b/	-
121	do.	24	Jan. 5, 1937	-	-	-	-	-	26	22	b/	-
122	Brandt-Ludemeyer Gin	69	Jan. 4, 1937	219	7	2	79	146	16	43	b/	27
123	Emil Brandt	29	do.	310	-	-	-	220	32	54	b/	-
124	Henry Frolich	24	do.	627	-	-	-	281	43	185	35	-
125	Ed Kaecheie	37	do.	325	-	-	-	268	40	31	b/	-
126	Willie Sontag	86	Feb. 23, 1937	344	-	-	-	244	13	80	b/	-

a/ Sulphate less than 10 parts per million.

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Partial analyses of water from wells in Austin County--Continued

Results are in parts per million.

Well No.	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calculated)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na / K) (calculated)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Total hardness as CaCO ₃ (calculated)
127	Emil Frank	27	Feb. 23, 1937	947	-	-	-	24	109	350	170	-
128	W. P. A. test	19	Jan. 5, 1937	82	-	-	-	24	28	14	b/	-
129	do.	9	Mar. 1, 1937	111	-	-	-	24	40	22	b/	-
130	F. F. Graff	46	Jan. 4, 1937	57	-	-	-	37	a/	13	b/	-
131	W. P. A. test	21	do.	-	-	-	-	-	a/	24	b/	-
132	Edmund Frank	52	do.	213	-	-	-	37	a/	33	95	-
133	W. P. A. test	20	do.	205	34	-	50	207	10	9	b/	85
134	A. E. Mewis	27	Feb. 18, 1937	173	-	-	-	12	10	34	72	-
135	J. E. Henrichsen	38	Feb. 24, 1937	645	-	-	-	159	27	305	b/	-
137	Nathan Harvey	17	do.	96	-	-	-	61	15	16	b/	-
138	C. M. Hoff	49	Feb. 23, 1937	280	-	-	-	268	10	31	b/	-
139	Emma Hagen	120	Feb. 18, 1937	101	-	-	-	61	a/	28	b/	-
140	Ben Peters	69	Feb. 23, 1937	206	-	-	-	183	14	23	b/	-
141	J. H. Bishop	120	Feb. 19, 1937	133	-	-	-	85	11	30	b/	-
143	C. R. Brandes	24	do.	644	-	-	-	18	55	52	355	-
144	H. H. Belcher	36	Jan. 6, 1937	393	-	-	-	244	48	80	b/	-
145	Humble Oil & Ref. Co.	310	Jan. 8, 1937	-	-	-	-	-	40	66	b/	-
146	do.	465	Jan. 6, 1937	432	-	-	-	323	51	60	b/	-
148	do.	1,228	Jan. 7, 1937	758	36	-	280	695	32	68	b/	90
149	William Lange	67	Jan. 5, 1937	1,044	112	17	220	146	67	316	240	350
151	W. P. A. test	12	Jan. 8, 1937	302	-	-	-	146	18	100	b/	-
152	E. B. Wilson	52	Jan. 5, 1937	367	-	-	-	293	32	52	b/	-
153	W. P. A. test	39	Jan. 7, 1937	335	-	-	-	293	12	50	b/	-
201	Emma Dittert	89	Jan. 31, 1937	246	-	-	-	110	15	86	b/	-
203	Ed Schultz	83	do.	267	-	-	-	256	a/	32	b/	-
204	Mary Batla	96	Jan. 30, 1937	66	20	-	5	37	a/	20	b/	50
205	Tom Eckelberg	118	do.	155	-	-	-	134	a/	24	b/	-
206	Otto Hill	32	Jan. 31, 1937	60	-	-	-	24	a/	22	b/	-
207	Chas. Kretzschmar	62	do.	180	-	-	-	171	a/	22	b/	-
208	Chas. Zachas	95	do.	60	-	-	-	31	a/	20	b/	-
209	Adolph Drab	66	do.	89	-	-	-	43	a/	32	b/	-
210	J. C. Oldag	84	Feb. 3, 1937	131	-	-	-	67	a/	42	b/	-
212	W. P. A. test	25	Dec. 15, 1936	40	-	-	-	12	10	10	b/	-
214	Chas. Schroeder	60	Jan. 15, 1937	148	-	-	-	116	a/	26	b/	-

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Partial analyses of water from wells in Austin County--Continued

Results are in parts per million.

Well No.	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calculated)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na / K) (calculated)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Total hardness as CaCO ₃ (calculated)
215	W. P. A. test	10	Feb. 17, 1937	-	-	-	-	-	90	13	b/	-
216	do.	12	Feb. 18, 1937	-	-	-	-	-	71	12	b/	-
217	do.	18	Dec. 16, 1936	-	-	-	-	-	20	16	b/	-
218	Fritz Sens	46	Dec. 17, 1936	97	-	-	-	37	a/	40	b/	-
219	W. P. A. test	17	Dec. 16, 1936	-	-	-	-	-	a/	14	b/	-
220	do.	18	do.	50	-	-	-	6	10	20	b/	-
221	Frank Jurica	86	Feb. 15, 1937	55	-	-	-	31	a/	15	b/	-
222	John Maler	56	Feb. 3, 1937	-	-	-	-	-	a/	22	b/	-
223	Ben E. Albert	66	Jan. 29, 1937	-	-	-	-	-	a/	34	b/	-
224	W. P. A. test	23	Dec. 16, 1936	107	-	-	-	37	10	40	b/	-
225	Horace Clark	87	Jan. 28, 1937	103	-	-	-	73	a/	24	b/	-
226	Anna Timme	88	Jan. 26, 1937	241	-	-	-	110	a/	90	b/	-
227	Herman Buchtien	56	Dec. 17, 1936	115	-	-	-	73	a/	31	b/	-
228	Community Public Service Company	304	do.	190	42	-	34	159	a/	31	b/	105
229	W. P. A. test	33	Dec. 16, 1936	407	-	-	-	37	12	230	b/	-
230	W. M. Remmert	89	Jan. 29, 1937	-	-	-	-	-	a/	20	b/	-
232	T. C. Schaare	107	do.	98	40	-	-	73	a/	22	b/	100
233	Ed Anderson	75	Jan. 28, 1937	514	-	-	-	293	10	90	90	-
234	Fritz Spren	102	do.	118	-	-	-	43	a/	34	b/	-
235	W. P. A. test	32	Dec. 17, 1936	266	-	-	-	171	22	40	24	-
236	H. G. Clark	66	Jan. 8, 1937	366	-	-	-	110	40	98	50	-
237	W. P. A. test	11	Dec. 17, 1936	373	-	-	-	37	10	210	b/	-
238	Z. Novick	51	Feb. 21, 1937	432	-	-	-	262	32	110	b/	-
239	Wm. Satler	74	Mar. 18, 1937	145	-	-	-	73	a/	46	b/	-
240	John Zahradnick	47	do.	318	-	-	-	85	27	134	b/	-
241	Joachin Hinze	46	do.	876	-	-	-	37	a/	340	230	-
242	W. P. A. test	12	Dec. 17, 1936	-	-	-	-	-	24	22	21	-
243	do.	21	Dec. 18, 1936	-	-	-	-	-	a/	20	b/	-
244	Mary Sodolak	57	Jan. 14, 1937	266	-	-	-	195	a/	76	b/	-
245	W. P. A. test	23	Dec. 18, 1936	72	-	-	-	37	14	14	b/	-
246	Jos. Taska	68	Jan. 18, 1937	355	-	-	-	256	a/	86	b/	-
247	W. P. A. test	38	Dec. 18, 1936	120	-	-	-	24	20	46	b/	-
249	do.	40	Jan. 22, 1937	-	-	-	-	-	40	60	b/	-

a/ Sulphate less than 10 parts per million.

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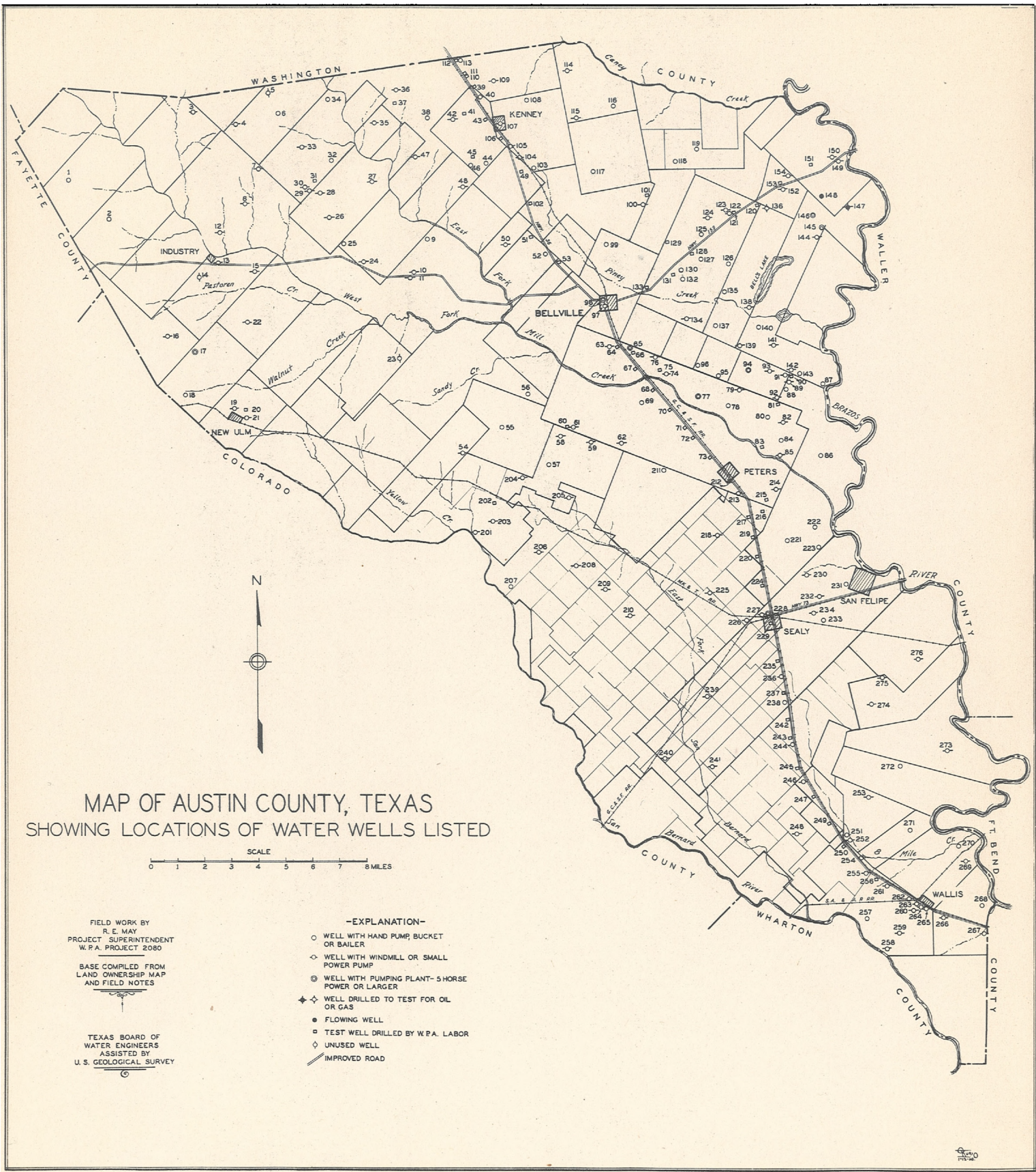
Partial analyses of water from wells in Austin County--Continued

Results are in parts per million.

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250	W. P. A. test	18	Jan. 26, 1937	435	-	-	-	195	12	165	b/	-
251	Ben Stern	92	Jan. 18, 1937	370	-	-	-	244	a/	102	b/	-
252	M. N. Allen	57	do.	487	-	-	-	342	a/	94	40	-
254	C. Kaechele	63	Jan. 19, 1937	343	-	-	-	256	a/	78	b/	-
255	Alfred Barta	85	do.	363	-	-	-	250	a/	94	b/	-
257	F. Parma	97	Jan. 26, 1937	114	-	-	-	49	a/	44	b/	-
258	J. Korcak	97	do.	-	-	-	-	-	a/	36	b/	-
259	Joe Wasicok	102	Jan. 22, 1937	192	-	-	-	183	a/	24	b/	-
261	I. Minks	96	Jan. 19, 1937	362	-	-	-	317	a/	60	b/	-
274	Johana Zapolka	64	Feb. 24, 1937	366	-	-	-	311	32	42	b/	-
275	John Buchala, Sr.	90	Mar. 24, 1937	406	-	-	-	268	32	90	b/	-

a/ Sulphate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.



MAP OF AUSTIN COUNTY, TEXAS
SHOWING LOCATIONS OF WATER WELLS LISTED



FIELD WORK BY
R. E. MAY
PROJECT SUPERINTENDENT
W.P.A. PROJECT 2080

BASE COMPILED FROM
LAND OWNERSHIP MAP
AND FIELD NOTES

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

- EXPLANATION-
- WELL WITH HAND PUMP, BUCKET OR BAILER
 - ◊ WELL WITH WINDMILL OR SMALL POWER PUMP
 - ⊙ WELL WITH PUMPING PLANT - 5 HORSE POWER OR LARGER
 - ◆ WELL DRILLED TO TEST FOR OIL OR GAS
 - FLOWING WELL
 - ◻ TEST WELL DRILLED BY W.P.A. LABOR
 - ◇ UNUSED WELL
 - IMPROVED ROAD