

**TEXAS BOARD OF WATER ENGINEERS**

C. S. Clark, Chairman  
A. H. Dunlap, Member  
J. W. Pritchett, Member



**FAYETTE COUNTY, TEXAS**

**PREPARED IN COOPERATION WITH THE UNITED STATES  
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY**

**FEBRUARY 1943**

FAYETTE COUNTY, TEXAS

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

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ILLUSTRATION

Map of Fayette County, showing water wells

# FAYETTE COUNTY, TEXAS

## INTRODUCTION

By

G. H. Cromack

This publication contains records of 335 wells, drillers' logs of 20 wells, summary descriptions of electrical logs of 5 wells, and results of chemical analyses of water from 298 wells in Fayette County, Texas. It also includes a map showing the location of wells listed, each well being given a number on the map corresponding to the number assigned to it in the records. The field data was obtained by the writer in June, July and October 1942, in connection with a state-wide program of ground-water investigations in Texas conducted by the State Board of Water Engineers in cooperation with the United States Department of the Interior, Geological Survey.

The water analyses were made by W. W. Hastings, Assistant Chemist of the Quality of Water Division of the Federal Geological Survey, and by chemists employed by the Work Projects Administration under the supervision of Mr. Hastings, and Dr. E. P. Schoch, Director of the Bureau of Industrial Chemistry of The University of Texas. The results of the analyses, which relate only to the mineral constituents in the water, and not to its sanitary character are tabulated in parts per million on pages 38 to 49. For the convenience of those who prefer a different form of expression the analyses of 24 samples are given in milligram equivalents per liter on page 50.

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

A limited number of copies of this release are available for free distribution. They may be obtained by addressing a request to Mr. C. S. Clark, Chairman, Texas State Board of Water Engineers, 302 West 15th Street, Austin, Texas.

Records of wells in Fayette County, Texas  
All wells are drilled unless otherwise stated in Remarks

Well	Distance from Cistern	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1	5 $\frac{1}{2}$ miles southwest	J. C. Miller	--	Old	400 <sup>+</sup>	4	--
2	3 miles southwest	Joe A. Elsik	Willie Fehrenkamp	1900	296	4	0
3	3 $\frac{1}{2}$ miles west	Kasper and Wagner	--	Old	400 <sup>+</sup>	4	0
4	1 $\frac{1}{2}$ miles west	A. J. Harbich	A. V. Psencik	1914	100	3	0
5	2 $\frac{1}{2}$ miles northwest	Lad J. Psencik	Anton Psencik	1902	250 <sup>+</sup>	4	0
6	3 $\frac{1}{2}$ miles north	Clem Vinklerek	R. A. Kremel	1924	415	3	1.6
7	5 $\frac{1}{2}$ miles northeast	Frank Stephan	Vino Pechacek, Sr.	1932	72	8	0
8	7 miles northeast	L. J. Lidiak	Anton Psencik	1915	240	4	0
9	5 $\frac{1}{2}$ miles northeast	E. H. Nite	--	1912	60	36	0
10	2 $\frac{1}{4}$ miles northeast	C. Buescher	Anton Psencik	1926	394	3	1.8
11	In Cistern	Cistern well Co.	Joe Kunchik	1908	408	4	0
12	$\frac{1}{2}$ mile northwest	Fannie Gabitzsch No. 1	Continental Oil Co.	1942	4,340	10 $\frac{1}{2}$ , 6	--
13	2 miles southwest	Mrs. Annie Piemann	R. A. Kremel	1925	417	4	0
14	3 miles southwest	Max Johnson	Max Johnson	1939	101	3	0.5
15	5 miles southwest	E. B. Fisher	Bost Bros.	1925	500	6	3.0
16	6 miles south	Brooks Henderson	--	1900	38	30	3.0
17	6 $\frac{1}{2}$ miles south	Sandy McKinnon No. 1	Barnett Petroleum Corp.	1936	3,547	--	--
18	7 miles south	E. A. Arnim Est.	Henry Lafond	--	130	3	0
19	5 miles south	Mrs. Ruth Magnus	do.	1914	108	6	0
20	4 miles southeast	E. A. Arnim Est.	do.	1912	130	5	0
21	2 $\frac{1}{2}$ miles southeast	Dean Dewitt	A. V. Psencik	1929	217	3	--
22	1 $\frac{1}{2}$ miles east	Herbert Naumann	do.	1931	399	4	0
23	3 $\frac{1}{2}$ miles southeast	Eddie Kocin	--	Old	20	42	3.0

a/ Plus (+) indicates water level above measuring point.

b/ Pump or lift: T, turbine; A, air lift; C, cylinder; B, rope and bucket.

Power: E, electric; G, gasoline engine; W, windmill; H, hand. Figure indicates horsepower.

Chemical analyses of water from most of these wells are shown in a table of analyses on pages 38 to 50.

Well	Water level Below measuring point (ft.) a/	Date of measurement	Method of lift b/	Use of water c/	Remarks
1	---	---	C,W	D,S	
2	2/ 35	1900	C,W	D,S	Casing: 294 feet of 4-inch.
3	2/ 100	1940	C,	D,S	
4	2/ 20	1914	C,H	D,S	
5	2/ 90	Aug. 1942	C,W	D,S	
6	72.71	Oct. 14, 1942	C,W	D,S	Casing: 200 feet of 5-inch.
7	2/ 32	1932	C,H	S	
8	2/ 50	1941	C,W	D,S	Casing: 200 feet of 4-inch.
9	2/ 59	1912	---	---	Dug well. Water reported highly mineralized. Caved and abandoned.
10	70.63	Oct. 14, 1942	C,W	D,S	
11	2/ 110	1941	C,L, 1 1/2	P	Supplies town of Cistern. Temperature 76°F.
12	---	---	---	---	Oil test. Altitude 448 feet. Electrical log starting at 502 feet shows sands between 580 and 600, 700 and 750, 850 and 880, and 930 and 950 feet.
13	2/ 80	1942	C,W	D,S	Casing: 400 feet of 4-inch.
14	62.18	Oct. 13, 1942	C,G, 1 1/2	D,S	
15	+	Oct. 9, 1942	Flows	D,S	
16	24.01	ds.	C,W	D,S	Dug well.
17	---	---	---	---	Oil test. See log.
18	2/ 100	1940	C,	S	Water reported highly mineralized.
19	2/ 90	1925	---	---	Water reported highly mineralized. Caved and abandoned.
20	2/ 110	1912	C,H	D,S	Casing: 20 feet of 5-inch.
21	---	---	C,W	D,S	
22	2/ 6	1941	C,W	D,S	Casing: 385 feet of 4-inch.
23	2.32	Oct. 14, 1942	C,H	D,S	Dug well.

c/ P, public supply; Ind, industrial; R, railroad; Sw, swimming pool; D, domestic; S, stock; N, none.

d/ Water level reported by driller or owner.

Records of wells in Fayette County-- Continued

Well	Distance from Cistern	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
24	4 $\frac{1}{2}$ miles east	Mrs. Myrtle Ray Estate	--	Old	100+	4	0
25	4 $\frac{1}{2}$ miles northeast	Sam Hopper	--	1939	26	36	3.0
26	6 miles northeast	Herman Boehnke	--	1920	35	36	2.0
27	6 $\frac{1}{2}$ miles northeast	Emil Boehnke	R. A. Kremel	1925	285	8	0
Well	Distance from Flatonia	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
28	11 miles north	J. R. Allison	J. R. Allison	1936	97	6	1.0
29	10 miles north	Wallace Cherry	Ed Zimmerhanzell	1913	118	4	1.0
30	8 $\frac{1}{2}$ miles north	O. B. Robertson	--	1917	2,000	6	0.3
31	8 miles north	do.	--	Old	57	36	2.5
32	6 miles north	Fred Weidel Estate	Fred Weidel	1920	370	2	0
33	5 $\frac{1}{2}$ miles north	John A. Kerr, Jr., No. 1	M. M. Miller & Sons	1941	3,331	8-5/8	--
34	do.	Helm Camp No. 1	M. M. Miller	1941	2,488	8-5/8	--
35	5 $\frac{1}{2}$ miles northwest	Alfred Steinhauer No. 1	Red Bank Oil Co.	1926	3,008	10	--
36	5 miles northwest	John A. Kerr	William Brunner	1910	365	5	0.5
37	5 $\frac{1}{2}$ miles northwest	A. B. Kerr No. 1	F. J. Hynes et. al.	1940	4,007	10	--
38	5 miles northwest	Mrs. Bertha Kelsc	Henry Lafond	1927	79	8	1.0
39	4 $\frac{3}{4}$ miles northwest	Mrs. Beula Dozier	R. A. Kremel	1928	200+	3	--
40	5 $\frac{1}{2}$ miles west	Dan Sutton Estate	--	Old	47	30	2.5
41	3 $\frac{3}{4}$ miles west	J. L. Johns n	--	1927	25	36	3.0
42	2 miles west	J. J. St. Wrba	--	Old	49	36	2.7
43	3 miles northwest	Ed Albrecht	R. A. Kremel	1931	180	3	2.0
44	3 $\frac{1}{2}$ miles northwest	Jaroslav Michal	--	1929	99	4	0
45	6 miles northeast	G. J. Parker	Henry Lafond	1925	10*	3	0
46	4 miles north	Willie Williams	do.	1922	120	4	0

Well	Water level		Method	Use	Remarks
	Below measuring point (ft.) <u>a/</u>	Date of measurement			
24	54.81	Oct. 14, 1942	C, W	S	
25	28.20	do.	None	N	Pub. well.
26	28.42	do.	C, S, L	D, S	Do.
27	<u>d/</u> 50	1925	C, W	S	
Well	Water level		Method	Use	Remarks
	Below measuring point (ft.) <u>a/</u>	Date of measurement			
28	46.06	Oct. 14, 1942	C, W	S	Casing: 90 feet of 6-inch.
29	68.29	do.	C, E, 4	D, S	Casing: 100 feet of 4-inch.
30	+	July 2, 1942	Flows	S	Oil test. Measured flow, 1 pint in 5 minutes.
31	52.59	Oct. 14, 1942	C, W	D, S	Dug well.
32	<u>d/</u> 68	Mar. 1942	C, W	D, S	
33	--	--	--	--	Oil test. Altitude 344 feet. Electrical log in files of Texas State Board of Water Engineers shows sands between 300 and 375, 420 and 450, 1,320 and 1,350 and 1,480 and 1,520 feet.
34	--	--	--	--	Oil test. Electrical log in files of Texas State Board of Water Engineers shows sands between 350 and 380, and 400 and 425 feet.
35	--	--	--	--	Oil test. See log.
36	113.84	Oct. 14, 1942	C, W	D, S	
37	--	--	--	--	Oil test. Altitude 390 feet. Electrical log in files of Texas State Board of Water Engineers.
38	65.27	Oct. 15, 1942	B, W	D, S	See driller's log.
39	--	--	C, W	D, S	
40	40.68	Oct. 1942	B, E	--	Dug well.
41	12.96	do.	B, W	S	Do.
42	47.08	do.	B, E	D, S	Do.
43	41.57	do.	C, W	D, S	
44	<u>d/</u> 30	1929	C, W	D, S	Casing: 93 feet of 4-inch.
45	<u>d/</u> 17	1942	C, W	D, S	Water reported under 5 feet of lignite.
46	<u>d/</u> 18	1941	C, W	D, S	



## Records of wells in Fayette County--Continued

Well	Distance from Flatonia	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
47	2 $\frac{1}{2}$ miles north	Peter Randuch	--	1919	90	3	1.0
48	In Flatonia	City of Flatonia	Louis Kiel	1925	945	10,8,4	0
49	do.	Flatonia Oil Mill Co.	--	1880	480	6	0
50	2 miles southwest	E. J. Harbich	--	1910	62	4	--
51	3 $\frac{1}{2}$ miles southwest	Harry Wiedemann	Henry Lafond	1932	92	4	0
52	3 $\frac{1}{4}$ miles southeast	Emil F. Nesrsta	Fred Gieptner	1912	119	3	0
53	2 $\frac{1}{2}$ miles southeast	John Hajek	--	1920	200	3	1.5
54	do.	E. A. Arnim Est.	--	--	200	3	1.5
55	do.	Emil Greiv	Henry Lafond	1924	166	6	2.0
56	1 $\frac{1}{2}$ miles southeast	D. F. Johnson	do.	1941	252	4	1.5
57	2 miles northeast	F. Stryk	--	1912	49	36	3.0
58	3 $\frac{1}{2}$ miles northeast	John Doubrava	--	1880	35	36	2.5
59	5 $\frac{1}{2}$ miles northeast	James Grasshoff	Willie Schlottman	1907	45	3	0
60	5 miles northeast	Arthur Chnheiser	Dave Sauer	1917	327	3	2.3
61	5 $\frac{1}{2}$ miles northeast	Edward Kalich	Albert Schwenke	1926	270	4	0.5
62	4 $\frac{1}{2}$ miles northeast	Moritz Schwenke	Jim Maresh	1902	135	4	1.0
63	4 $\frac{1}{2}$ miles northeast	Ludwig Ladewig	Fred Gieptner	1910	146	3	2.0
64	do.	Herman Bretting	Henry Lafond	1925	160	3	1.0
65	4 miles northeast	P. V. Machalec	Alphonse Schwenke	1925	155	4	4.0
66	4 $\frac{1}{2}$ miles southeast	Frank Klekar	--	1895	25	36	3.0
67	5 $\frac{1}{2}$ miles southeast	Unknown	--	Old	27	48	2.5
68	7 miles southeast	John F. Krupala	--	Old	70	36	1.5
69	6 $\frac{1}{2}$ miles southeast	Chas. S. Michna	Joe A. Anders	1912	253	3	0
70	5 $\frac{1}{2}$ miles east	Erwin Stavinoha	Jim Maresh	1902	55	4	0

Well	Water level Below measuring point (ft.) <u>a/</u>	Date of measurement	Method of lift <u>b/</u>	Use of water <u>c/</u>	Remarks
47	41.37	Oct. 12, 1942	C,	S	
48	<u>a/</u> 100	1959	E, H, 10	P	Casing: 477 feet of 10-inch; 300 feet of 8-inch; 205 feet of 4-inch. Screens at 458 to 476, 515 to 523, 736 to 748, and 921 to 935 feet. Reported yield 150 gallons a minute. Supplies City of Flatonia. Temperature 81° F.
49	<u>a/</u> 100	1942	C, S	Ind	Supplies 25,000 gallons a day to 30 Sec log. days each year to cotton gin and oil mill.
50	--	--	C, W	D, S	
51	<u>a/</u> 39	1932	C, W	D, S	Casing: 76 feet of 4-inch. Screen from 76 to 86 feet.
52	<u>a/</u> 18	1912	C, W	D, S	
53	+	Oct. 9, 1942	Flows	S	Measured flow 2 gallons a minute.
54	+	do.	Flows	D, S	Measured flow 2 $\frac{1}{2}$ gallons a minute.
55	+	July 2, 1942	Flows	Sw	One of 2 flowing wells 80 feet apart having about the same depth. Water reported in blue sand from 140 to 166 feet. Temperature 73° F.
56	+	do.	Flows	P	Casing: 190 feet of 4-inch. Measured flow 2 gallons a minute. Water reported in blue sand
57	39.28	Oct. 12, 1942	C, W	D, S	Dug well. from 243 to 252 feet.
58	22.38	Oct. 13, 1942	B, E	D, S	Do.
59	<u>a/</u> 20	1942	C, W	D, S	
60	+	Oct. 12, 1942	Flows	D, S	Measured flow 2 $\frac{1}{2}$ gallons a minute.
61	+	do.	Flows	D, S	Another flowing well about the same depth 1,100 feet southwest.
62	+	do.	Flows	D, S	Estimated flow 10 gallons a minute. Owner reports well flowed 50 gallons a minute and static water level was 42 feet above the
63	+	do.	C, S, $\frac{1}{2}$ Flows	D, S	Casing: 17 feet of 3-inch. ground in 1902. Measured flow 1 $\frac{1}{2}$ gallons a minute.
64	+	do.	Flows	D, S	Casing: 130 feet of 3-inch. Measured flow 3 gallons a minute.
65	+	do.	Flows	D, S	Casing: 60 feet of 4-inch. Measured flow 6 gallons a minute. Owner reports static level
66	11.41	Oct. 9, 1942	C,	D, S	Dug well. was 9 feet above the ground in 1925.
67	15.51	do.	C, W	D, S	Do.
68	17.02	July 18, 1942	C,	D, S	Do.
69	<u>a/</u> 50	1912	C,	D, S	Casing: 243 feet of 3-inch.
70	<u>a/</u> 40	1942	C, H,	D, S	

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Records of wells in Fayette County--Continued

Well	Distance from Platonia	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
71	6 miles east	F. Floriance No. 1	Elain and Reynolds	1931	2,605	--	--
72	3 1/2 miles northeast	Joe Sbrusch	Willie Schlotzman	1932	566	3	0
73	7 miles northeast	Salem Congregation	Aug. H. Hausman	1940	445	3	0
74	do.	Gus Loth Est.	Dave Sauer	1919	356	3	0
75	7 1/2 miles northeast	G. E. Ruhmann	--	Old	71	42	6.0
76	9 miles northeast	Frank Oile	Albert Sauer	1920	250 1/2	3	0.8
77	7 1/2 miles northeast	Dusek and Bittner	Henry Lafond	1918	116	3	1.0
78	9 1/2 miles northeast	John A. Kerr	--	1912	1,744	6	--
79	do.	do.	--	1900	75	60	3.0

Well	Distance from West Point	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
80	6 1/2 miles south	Henry S. Minor	Joe Latocha	1912	226	3	0
81	5 1/2 miles south	The Texas Co.	R. A. Kremel	1928	305	3 1/2	--
82	4 1/2 miles south	Mrs. H. Byler	do.	1924	265	3	0
83	5 miles southwest	J. R. Plummer	do.	1928	279	3	--
84	6 1/2 miles southwest	Dr. Frank Guenther	Aug. H. Hausmann	1933	226	3	0
85	6 miles southwest	Paul Schroeder	--	1932	175 1/2	3	0
86	4 1/2 miles southwest	Dr. Frank Guenther	Aug. H. Hausmann	1921	200	3	0
87	3 miles southwest	Jim Moore	do.	1925	231	3	--
88	4 1/2 miles southwest	Joe Krenak	--	1915	302	3	0.4
89	4 miles west	Ralph Richards	--	1912	26	36	3.0
90	4 miles northwest	do.	--	1927	26	36	3.0
91	2 1/2 miles northwest	Mr. Lakunz Weirs	--	1906	30	30	4.0
92	4 1/2 miles northwest	J. J. Hoack	--	1894	40	30	3.2
93	5 miles north	Hattie Johnson	--	1897	46	36	2.5
94	4 1/2 miles northeast	Lutheran Church	Paul Lehman	1934	135	3	--

Well	Water level Below measuring point (ft.) a/	Date of measurement	Method of lift b/	Use of water c/	Remarks
71	---	---	---	---	Oil test. See log.
72	d/ 15	1932	C, W	D, S	Casing: 60 feet of 3-inch.
73	d/ 30	1940	C, P, W	D, P	Casing: 419 feet of 3-inch. Blue sand reported from 410 to 445 feet.
74	a/ 50	1942	C, W	D, S	
75	40.59	Oct. 8, 1942	B, H	D, S	Dug well.
76	109.21	do.	C, G, W 1 1/2	D, S	
77	44.33	Oct. 12, 1942	C, W	S	
78	---	---	---	---	Exploratory water well. Owner reports no satisfactory supply was found. See log.
79	40.15	July 2, 1942	C, G, W 3	S	Dug well.

Well	Water level Below measuring point (ft.) a/	Date of measurement	Method of lift b/	Use of water c/	Remarks
80	37.29	June 30, 1942	C, W	D, S	Casing: 100 feet of 3-inch.
81	---	---	C, E, W 3	D, S Ind	Supplies camr and bentonite plant.
82	d/ 120	1938	C, W	D, S	Casing: 200 feet of 3-inch.
83	---	---	C, H	D, S	Casing: 140 feet of 3-inch.
84	d/ 105	1936	C, G, W 1 1/2	D, S	Casing: 206 feet of 3-inch. Water reported in hard blue sand from 170 to 223 feet.
85	d/ 40	1932	C, W	D, S	Casing: 150 feet of 3-inch.
86	d/ 60	1921	C, W	D, S	Casing: 160 feet of 3-inch.
87	---	---	C, W	D, S	Casing: 184 feet of 3-inch.
88	39.43	June 29, 1942	C, W	D, S	
89	24.80	do.	C, W	D, S	Dug well.
90	35.59	do.	C, W	D, S	Do.
91	29.18	July 20, 1942	C, W	D, S	Do.
92	55.31	do.	C, W	D, S	Do.
93	23.22	do.	B, H	D, S	Do.
94	---	---	C, H	D, S	Casing: 104 feet of 3-inch.

Records of wells in Fayette County--Continued

Well	Distance from West Point	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
95	4 $\frac{1}{2}$ miles northeast	V. J. Williams Est.	Fred Gieptner	1940	195	3	--
96	4 $\frac{1}{2}$ miles northeast	do.	--	1917	65	36	1.0
97	2 $\frac{1}{2}$ miles north	Mrs. Mary Fietsch	--	Old	40	36	2.5
98	1 mile east	Rudolph Schmidt	Alvin Harms	1937	110	3	--
99	In West Point	A. F. Sekrens	do.	1939	85	3	0
100	1 $\frac{1}{2}$ miles southwest	A. F. Haynie	A. F. Haynie	1934	30	2 $\frac{1}{2}$	--
101	2 miles southwest	Dr. F. E. Young Est.	Aug. H. Hausmann	1911	105	3	0
102	2 miles south	Gus Hollis	-- Psencik	1917	192	3	0
103	5 miles southeast	Oscar Riess	--	1844	25	24	2.3
104	4 $\frac{1}{2}$ miles southeast	W. N. Marshall	--	1942	22	27	5.0
105	4 miles east	E. F. Zigal	Aug. H. Hausmann	1927	281	3	0
106	do.	Edward Morgan	do.	1927	285	3	0
107	do.	Will Morgan	do.	1920	269	3	0
108	2 $\frac{1}{2}$ miles northeast	Eril Flata	do.	1918	88	3	--
109	4 $\frac{1}{2}$ miles northeast	Mrs. Mary Zbonek	--	1920	50	36	3.0

Well	Distance from Warda	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
110	5 miles southwest	Dave Croft	Paul Lehman	1937	170	3	0
111	3 $\frac{1}{2}$ miles southwest	John Hobratschk	do.	1925	252	3	0
112	4 $\frac{1}{2}$ miles southwest	Dave Croft	do.	1925	180	3	0
113	2 $\frac{1}{2}$ miles southwest	Gerhard Zoch	do.	1925	151	3	0
114	2 $\frac{1}{2}$ miles west	Herman Geune	W. Wachsmann	1922	182	4	0.7
115	3 miles northwest	Ernst Kleiber	R. A. Kremel	1925	156	4	--
116	In Warda	Paul Lehman	Paul Lehman	1925	174	3	0
117	2 $\frac{1}{2}$ miles northeast	Herman Lorenze	do.	1925	145	3	0

Well	Elev		Date of measurement	Method of lift	Use of water	Remarks
	(ft.)	a/				
95	--	--		C, W	D, S	
96	55.13		July 20, 1942	C, W	D, S	Dug well.
97	53.74		Do.	C, W	D, S	Dug well. Formerly supplied locomotives.
98	--	--		C, W	D, S	Casing: 100 feet of 3-inch.
99	a/ 55		1939	C, W	D, S	Casing: 60 feet of 3-inch. Temperature 70 $\frac{1}{2}$ ° F.
100	--	--		C, W	D, S	Driven well. Water reported in gravel.
101	a/ 110		1911	C, W	N	Casing: 150 feet of 3-inch.
102	a/ 100		1917	C, W	D, S	
103	13.96		June 23, 1942	B, H	D, S	Dug well.
104	19.94		Do.	B, H	D, S	Do.
105	a/ 85		1927	C, W	D	Casing: 261 feet of 3-inch. Temperature 73° F.
106	a/ 55		1927	C, H, W	D, S	Casing: 252 feet of 3-inch. Supplies house, store and gin.
107	a/ 55		1927	C, H, W	D, S	Casing: 247 feet of 3-inch. Water reported in blue sand from 245 to 269 feet.
108	--	--		C, W	D, S	Casing: 50 feet of 3-inch. Originally drilled to 65 feet, deepened in 1918.
109	39.93		June 27, 1942	B, H	D, S	Dug well. Water reported in river gravel.

Well	Elev		Date of measurement	Method of lift	Use of water	Remarks
	(ft.)	a/				
110	a/ 84		1927	C, H	D, S	Casing: 86 feet of 3-inch. Formerly supplied sawmill and camp.
111	a/ 82		1925	C, W	D, S	Casing: 228 feet of 3-inch. Formerly supplied sawmill and camp.
112	a/ 30		1925	C, W	D, S	Casing: 180 feet of 3-inch.
113	a/ 115		1925	C, W	D, S	
114	100.81		July 20, 1942	C, W	S	
115	--	--		C, H	N	Very damaged and no water sample obtained. Water reported highly mineralized.
116	a/ 70		1925	C, W	D, S	Casing: 148 feet of 3-inch.
117	a/ 35		1925	C, H	D, S	Casing: 128 feet of 3-inch.

Records of wells in Fayette County--Continued

Well	Distance from Verda	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
118	3½ miles northeast	Mrs. John Buscha	--	1900	30	36	2.0
119	1½ miles east	Kasper Est.	Paul Lehman	Old	130	3	---
120	2 miles southeast	John Schulz	-- Kluge	Old	175½	3	---
121	2½ miles southeast	Haz Waltner	Paul Lehman	1940	126	3	---
122	4 miles southeast	F. J. Tomecek	do.	1941	177	3	---
123	3½ miles southeast	Louis Giese	--	Old	60	3	---
124	5 miles southeast	Aug. Pietsch	Paul Lehman	1941	135	3	---
125	4½ miles southeast	J. C. Weishuhn	--	Old	74	6	1.1

Well	Distance from Round Top	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
126	7 miles southwest	Henry E. Fuchs	Gus J. Struve	1929	148	3	0
127	6½ miles west	Otto Toll	Alvin Harms	1925	165	3	0
128	8 miles west	Chas. Sohr	Paul Lehman	1925	170	3	0
129	do.	Herman Toll	Adolph Kroll	1925	125	8	1.3
130	7½ miles west	Chas. Mueller	Alvin Harms	1934	203	3	1.0
131	5 miles northwest	Henry Schumann	--	Old	121	8	1.0
132	do.	L. I. Stuermer	-- Millet	1902	185	8	1.0
133	do.	do.	--	1913	143	30	1.0
134	6 miles northwest	Mrs. Evie McClellan	--	--	180	4	0.5
135	6½ miles northwest	Arthur Lueller	Jesse C. Rinn	1925	174	3	0
136	4½ miles west	Ernest Reinhold	Oscar Wagner	1921	93	8	0
137	4½ miles southwest	Arnold Kruse	Alvin Harms	1941	128	3	0
138	2½ miles southwest	John A. Ahlhorn	--	Old	47	36	2.0
139	1½ miles northwest	First National Bank	Aug. E. Kruemann	1936	236	3	0
140	3½ miles northwest	Lee Krause	--	Old	38	42	2.0

Well	Water level		Method of lift	Use of water	Remarks
	Below measuring point (ft.) a/	Date of measurement			
118	22.53	July 21, 1942	B, H	D, S	Dug well.
119	---	---	C, H	D, S	
120	---	---	C, H	D, S	
121	---	---	C, H, $\frac{1}{2}$	D, S	Casing: 100 feet of 3-inch.
122	---	---	C, H	D, S	Casing: 147 feet of 3-inch.
125	---	---	C, H	D, S	
134	---	---	C, G, $\frac{1}{2}$	S	Casing: 123 feet of 3-inch.
125	71.11	July 20, 1942	B, H	D, S	Bored well.

Well	Water level		Method of lift	Use of water	Remarks
	Below measuring point (ft.) a/	Date of measurement			
126	d/ 72	1929	C, H	D, S	Casing: 115 feet of 3-inch.
127	d/ 115	1925	C, H	D, S	
128	d/ 90	1925	C, H	D, S	Casing: 150 feet of 3-inch.
129	121.15	July 21, 1942	B, H	D, S	Bored well.
130	115.29	do.	C, W	D, S	Casing: 188 feet of 3-inch. Water reported in blue sand rock.
131	98.27	do.	C, W	D, S	Bored well.
132	109.73	do.	C, W	D, S	
133	75.90	do.	C, W	D, S	Dug well.
134	139.83	July 29, 1942	C, G, 3	S	Water reported highly mineralized.
135	c/ 54	1925	C, H	D, S	
136	d/ 75	1921	B, H	D, S	Highly mineralized water reported at 130 feet in nearby abandoned well.
137	d/ 52	1941	C, H	D, S	Casing: 121 feet of 3-inch.
138	45.50	July 29, 1942	B, H	D, S	Dug well.
139	d/ 15	1936	C, H	D, S	Casing: 216 feet of 3-inch. See lo.
140	13.82	July 29, 1942	B, H	D, S	Dug well.



## Records of wells in Fayette County--Continued

Well	Distance from Round Top	Owner	Driller	Date com- ple- ted	Depth of well (ft.)	Diam- eter of well (in.)	Height of measuring point above ground (ft.)
141	5 miles northwest	Willie Kiel	--	Old	84	36	3.0
142	5½ miles north	Texas Garage	Walter E. Rinn	1928	150	3	0
143	6 miles northeast	Geo. Gerland	--	1933	74	30	0
144	5 miles northeast	Ott. F. Fuchs Est.	Walter E. Rinn	1926	165	3	0
145	4½ miles northeast	do.	--	1895	38	36	3.0
146	5 miles north	C. W. Minze	--	1940	55	36	0
147	3½ miles northeast	Fritz Jaster	--	1921	72	42	0
148	4½ miles northeast	Mrs. Emil Fietz Est.	--	Old	29	42	3.0
149	2½ miles northeast	Geo. H. Nustedt	Walter E. Rinn	1934	75	3	0
150	1½ miles northeast	Gus Meak Est.	--	1924	79	56	3.0
151	In Round Top	E. E. Schwarz	--	Old	104	36	2.5
152	5 mile southwest	Carl Anders	Colorado Oil Co.	1934	2,815	--	--
153	2 miles southwest	Geo. H. Dippel	--	Old	34	56	4.0
154	3½ miles southwest	Hueske and Tillmann	--	Old	40	30	0.5
155	2 miles southeast	Bodo Kraus	Alvin Harms	1911	100	3	--
156	4½ miles northeast	Unknown	--	Old	43	8	0.2
157	3½ miles southeast	Hermann Rummel	--	1915	59	30	0
158	5 miles southeast	Chas. Mayer	--	--	90	8	0
159	4 miles southeast	Hermann Schulze, Sr. Est.	--	1872	50	36	3.6
160	4 miles south	Henry Cordes	--	1865	70	30	3.0
161	5 miles southwest	Henry Ziese	Henry Cordes	1900	118	3	0
162	do.	Henry Bremer	--	1867	20	36	2.5
163	6½ miles southwest	Anton Bunjes, Jr.	Oscar Wagner	1913	60	8	0
164	4 miles southwest	Geo. E. Lenert	--	Old	32	48	3.0
165	3 miles southwest	V. G. Franzel	V. G. Frenzel	1939	105	8	0
166	5½ miles southwest	H. D. Franzel	Alvin Harms	1938	136	3.2	0
167	6½ miles southwest	Fred Ahlrichs	--	Old	33	42	3.0

Well	Feet elevation point (G.S.) p/	level Date of measure- ment	Method of lift p/	Use of water q/	Remarks
141	23.27	July 20, 1942	B, F	D, S	Dug well.
142	2/130	1926	C, E, $\frac{1}{2}$	D	Casing: 100 feet of 3-inch. 50' lies granite.
143	2/69	1953	C, G, $\frac{1}{2}$	D, S	Dug well.
144	2/127	1926	C, H	D, S	Casing: 150 feet of 3-inch.
145	23.94	July 30, 1942	C, H	D, S	Dug well.
146	2/50	1940	C, H	D, S	Do.
147	24.66	July 30, 1942	C, G, 3	D, S	Dug to 52 feet. Unceased drilled hole from 52 to 72 feet.
148	9.73	do.	B, H	D, S	Dug well.
149	2/75	1934	C, E, $\frac{1}{2}$	D, S	
150	14.65	July 30, 1942	B, H	D, S	Dug to 64 feet. Unceased drilled hole from 64 to 73 feet.
151	11.20	July 29, 1942	B, F	D, S	Dug well.
152	--	--	--	--	Oil test. Electrical log, in files of Texas State Board of Water Engineers shows sands between 120 and 130, 330 and 360 and 380 and 750 feet.
153	24.51	July 30, 1942	B, F	D, S	Dug well.
154	21.25	do.	C, H	D, S	Do.
155	--	--	C, H	D, S	Casing: 34 feet of 3-inch.
156	27.48	July 30, 1942	B, H	D, S	Dug well.
157	2/35	1942	C, H	D, S	Dug well.
158	2/28	1942	C, H	D, S	
159	23.20	July 30, 1942	C, H	D, S	Dug well.
160	26.29	do.	C, H	D, S	Dug to 50 feet. Unceased drilled hole from 50 to 70 feet.
161	2/75	1934	C,	S	
162	17.43	July 30, 1942	C, E, $\frac{1}{2}$	D, S	Dug well.
163	2/40	1913	C,	D, S	Casing perforated from 20 to 40 feet. Highly mineralized water reported at 340 feet in
164	21.75	July 29, 1942	B, F	D, S	Dug well. (nearly abandoned well.)
165	2/15	1939	C, E,	D, S	Dug to 20 feet. Drilled from 20 to 105 feet.
166	2/126	1956	C,	D, S	Casing: 117 feet of 3-inch. Screen: 19 feet of 2-inch. later reported in blue sand rock.
167	17.36	July 25, 1942	B, H	D, S	Dug well.

Records of wells in Fayette County--Continued

Well	Distance from Le Grange	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
168	7 $\frac{1}{2}$ miles northeast	Mrs. Emma Gau	--	Old	64	36	3.7
169	6 $\frac{1}{2}$ miles north	Miss Lizzie Marquart	Aug. H. Hausmann	1922	194	3	0
170	3 miles north	Aug. Michalk	do.	1922	194	3	--
171	4 miles north	do.	Paul Lehman	1941	198	3	--
172	3 $\frac{1}{2}$ miles northwest	John Sirocka	--	1908	35	30	3.3
173	5 $\frac{1}{2}$ miles northwest	R. C. Faires	--	1912	42	30	5.0
174	3 miles northwest	Edward Morgan	--	--	24	30	2.5
175	4 $\frac{1}{2}$ miles northwest	Harold Steele	Alvin Harms	1939	35	4	0
176	4 $\frac{1}{2}$ miles northwest	Hugh Pugh	Aug. H. Hausmann	1933	122	3	0
177	7 miles southwest	Stanley Mach	Alvin Harms	1938	124	3	--
178	do.	John Mach	do.	1942	189	3	0
179	do.	J. C. Melcher No. 1	National Oil Co.	1929	3,462	--	--
180	6 miles southwest	Joe A. Bordovsky	--	1860	55	42	2.5
181	5 $\frac{1}{2}$ miles southwest	Adolf Hunger No. 1	National Oil Co.	1929	2,620	--	--
182	4 $\frac{1}{2}$ miles southwest	Paul Buchhorn	Aug. H. Hausmann	1925	185	3	0
183	2 $\frac{1}{2}$ miles southwest	Joe Bordovsky	do.	1918	150	3	0
184	2 $\frac{1}{2}$ miles northwest	Henry Koepke	--	1890	30	36	--
185	do.	M. L. Shaw Est.	Aug. H. Hausmann	1930	213	3,2	0
186	2 $\frac{1}{2}$ miles northwest	Aug. Michalk	do.	1920	100	3	0
187	1 $\frac{1}{2}$ miles north	Bill Fetschik	Alvin Harms	Old	112	3	--
188	2 $\frac{1}{2}$ miles northeast	Jeff Collins	--	1935	49	30	2.5
189	3 miles northeast	Mrs. Louise Liemann	Henry Tiejen	1918	119	3	--
190	4 miles northeast	C. H. Anders	--	1897	24	48	3.0
191	5 miles northeast	V. F. Hofmann	Alvin Harms	1940	175	3	0
192	5 $\frac{1}{2}$ miles northeast	William Hermes	--	1927	33	36	1.2
193	6 $\frac{1}{2}$ miles northeast	Shell Pipe Line Co.	--	1929	120	3- 5/8	--
194	do.	L. T. Koepke	-- Gede	1911	216	3	0

Well	Water level Flow measuring point (ft.) a/	Date of measure- ment	Method of lift b/	Use of water c/	Remarks
168	17.36	July 25, 1942	C,	D,S	Dug well.
169	17	1922	C,H	D,S	Casing: 175 feet of 3-inch.
170	--	--	C,G, 1 1/2	D,S	Do.
171	--	--	C,H	D,S	Casing: 178 feet of 3-inch. Supplies cotton gin.
172	22.91	July 24, 1942	C,H	D,S	Dug well.
173	24.67	June 27, 1942	B,H	D,S	Do.
174	16.3	do.	C,H	D,S	Do.
175	17/30	1939	C,H	D,S	Casing: 35 feet of 4-inch.
176	17/23	1938	C,H	D,S	Dug to 55 feet. Drilled from 55 to 122 feet. Shallow groundwater reported to be cased off.
177	--	--	C,H	D,S	Casing: 115 feet of 3-inch.
178	17/30	Sept. 1941	C,H	D,S	Casing: 140 feet of 3-inch.
179	--	--	--	--	Oil test. See log.
180	27.96	July 3, 1942	B,H	D,S	Dug well.
181	--	--	--	--	Oil test. See log.
182	17/40	1925	C,H	D,S	Casing: 149 feet of 3-inch.
183	17/30	1913	C,	D,S	Casing: 120 feet of 3-inch.
184	--	--	C,H	D,S	Dug well.
185	17/1.7	Mar. 5, 1960	C,H	D,S	Casing: 10 feet of 3-inch; 104 feet of 2-inch screen from 193 to 213 feet.
186	17/2.5	1920	C,H	D,S	Casing: 87 feet of 3-inch.
187	--	--	C,H	D,S	
188	21.01	July 24, 1942	B,H	D,S	Dug well.
189	--	--	C,G, 1 1/2	D	
190	11.45	July 21, 1942	C,H	D,S	Dug well.
191	17/30	1940	C,H	D,S	Casing: 165 feet of 3-inch.
192	11.70	July 21, 1942	B,H	D,S	Dug well.
193	--	--	C,H, 2	D	Supplies camp houses.
194	17/115	1911	C,H	D,S	

Records of wells in Fayette County--Continued

Well	Distance from La Grange	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
195	1 miles northeast	Gerhard Helmken	Alvin Harms	1918	170	3	0
196	do.	Elc Tietjen	Henry Tietjen	1924	110	3	0
197	5 1/2 miles northeast	do.	Alvin Harms	1940	185	3	0
198	do.	Charlie Tschiedel	do.	1933	225	3	0
199	7 miles northeast	Henry Onken	do.	1934	167	3	--
200	6 1/2 miles northeast	Henry Von Minden	do.	1934	215	3	0
201	6 miles northeast	Otto Mueller	Henry Tietjen	1921	148	3	0
202	5 1/2 miles east	Halsted Public School	Alvin Harms	1939	148	3	0
203	5 1/2 miles east	C. C. Zirsch	Henry Iselt	1908	157	3	0
204	2 1/2 miles east	Rudolph Friemel	Seismograph Crew	1942	150	5	2.0
205	1 1/2 miles east	C. W. Albers	A. G. Baumback	1930	217	3	0
206	1 mile northeast	State Highway Dept.	Aug. H. Hausmann	1935	190	4	1.0
207	1/4 mile northeast	Texas Public Service Co. Sta. A	--	1922	265	8	0
208	1/2 mile northwest	Texas Public Service Co. Sta. B	Layne-Texas Co.	1936	293	13- 5/8, 8	0
209	1/2 mile west	Texas Public Service Co. Sta. C	Faylor-Roberts Co.	1910	192	10	0 4.7
210	1 mile southwest	La Grange Live-Stock Auction Co.	Alvin Harms	1940	161	3	0
211	1/2 mile southwest	G. H. Diers	Aug. H. Hausmann	1910	196	4	0
212	1/2 mile southwest	do.	do.	1910	200	4	0
213	do.	Spears Dairy	do.	1933	347	3, 4	0
214	1/4 mile south	L. W. Stolz	do.	1918	225	3, 2	0 1.2
215	1/4 mile southeast	F. W. Hunger	do.	1918	239	5	0
216	1/2 mile southeast	Texas Public Service Co.	Layne-Texas Co.	1936	315	--	--
217	2 1/2 miles southwest	F. L. Hausmann	Aug. H. Hausmann	1924	322	5	--
218	3 1/2 miles southwest	Lacey Laygood	do.	1940	316	3	0

Well No.	Water level below ground point (ft.) a/	Date of measure- ment	Method of lift b/	Use of water c/	Remarks
195	d/ 32	1939	C, F	D, S	Casing: 132 feet of 3-inch. Water reported in blue sand rock.
196	d/ 30	1924	C, F	D, S	Casing: 90 feet of 3-inch.
197	d/ 35	1940	C, E, 1 1/2	D, S	Casing: 150 feet of 3-inch. Reported yield 25 gallons a minute. Supplies touring camp.
198	d/ 65	1935	C,	D, S	Casing: 160 feet of 3-inch.
199	--	--	C, F	D, S	Casing: 147 feet of 3-inch. Water reported in hard white sand rock from 145 to 157 feet.
200	d/ 20	1934	C, E, 1 1/2	D, S	Casing: 201 feet of 3-inch. Water reported in hard gray sand rock from 195 to 215 feet.
201	d/ 60	Apr. 1942	C, E	D, S	Casing: 112 feet of 3-inch. Water reported in sand under rock at 148 feet.
202	d/ 36	1939	C, E, 1 1/2	P	Casing: 107 feet of 3-inch.
203	d/ 30	1911	C, F	D, S	
204	+	July 1942	1, F	Flow S	Casing: 75 feet of 3-inch. Measured flow 7 1/2 gallons a minute. Water reported in blue sand rock from 75 to 150 feet.
205	d/ 42	1930	C, F	D, S	Casing: 199 feet of 3-inch. Water reported in blue sand from 206 to 217 feet. Other sands at 65 and 120 feet.
206	42.75	July 1942	2, None	None	Casing: 178 feet of 4-inch. See log.
207	d/ 50	1942	A, E, 15	P	Ice box plant. Drawdown reported 11 1/2 feet after well was pumped 48 hours at 100 gallons a minute. This well and wells 208 and 209 supply
208	d/ 37	1937	F, E, 15	P	Casing: 116 feet of 1 1/2-3/8-inch; 30 feet of 3-inch. Screen in 120 to 140 feet. Estimated yield, 140 gallons a minute. Standby well.
209	d/ 28.75	1910 June 24, 1942	A, E, 10	P	Estimated yield 150 gallons a minute. Standby well.
210	d/ 27	1940	C, E, 1	S	Casing: 151 feet of 3-inch.
211	d/	1910	None	E	Casing obstructed at 4 feet.
212	d/ 7	1910 1921	C, -	Ind	Supplies cotton gin.
213	d/ 11	1938	C, E, 5	Ind	Casing: 34 feet of 6-inch; 190 feet of 4-inch. Water reported in blue sand from 65 to 347 feet. Reported yield 40 gallons a minute.
214	d/ 9.15	1920 June 24, 1942	C, E	Ind	Casing: 158 feet of 3-inch; 10 feet of 2-inch. Reported flow 7 gallons a minute in 1918. Water in sand from 155 to 225 feet.
215	d/ 7	1918	C, F	D	Drilled to 190 feet in 1917. Drilled to 259 feet in 1918.
216	--	--	--	--	Drilled as exploratory well for oil supply. See log.
217	--	--	C, E	D, S	Casing: 30 feet of 3-inch.
218	d/ 185	1940	C, E,	D, S	Casing: 284 feet of 3-inch.

Records of wells in Fayette County--Continued

Well	Distance from La Grange	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
219	5 $\frac{1}{2}$ miles southwest	Henry Lunke	do.	1917	234	3	0
220	6 miles southwest	Chas. Brachovy	do.	1937	71	3	--
221	3 $\frac{1}{4}$ miles southwest	Henry Fetter	do.	1916	172	3	0
222	2 $\frac{1}{4}$ miles south	Aug. H. Hausmann	Aug. H. Hausmann	1909	230	3	0
223	1 $\frac{1}{2}$ miles southeast	Frank Willmann	do.	1935	192	3	0
224	do.	Dr. L. D. Boelsche	Alvin Harms	1940	163	3	0
225	1 $\frac{1}{4}$ miles southeast	Elo. G. Albers	Aug. H. Hausmann	1928	299	3	0
226	2 $\frac{1}{4}$ miles southeast	Walther League	Alvin Harms	1942	95	3	0
227	3 $\frac{1}{2}$ miles southeast	Mrs. Tom Shelton	Aug. H. Hausmann	1917	137	3	0
228	do.	Joe Kovar	do.	1917	120	3	--
229	4 $\frac{1}{2}$ miles south	Edmund Lunke	--	Old	40	30	0.5
230	5 miles southeast	John Kana	Alvin Harms	1939	307	3,2	0
231	do.	do.	Aug. H. Hausmann	1917	329	3	0.5
232	5 $\frac{1}{2}$ miles southeast	Richard Jaiser	--	1924	30	30	2.5
233	7 miles southeast	Gussie Huebner Est.	Aug. H. Hausmann	1956	165	3	1.0
234	6 $\frac{1}{2}$ miles southeast	Chas. L. Lunke	John Schawitzka	1908	186	3	0
235	do.	B. F. Lidiah	Aug. H. Hausmann	1922	171	3	0
236	7 miles southwest	J. Brachovy	Jim Haresk	1835	499	3	--
237	7 $\frac{1}{2}$ miles southwest	Henry Inape Est.	Aug. H. Hausmann	1916	273	3	0
238	do.	Paul Wittich	Dave Sauer	Old	333	3	--
239	6 $\frac{1}{2}$ miles southwest	Gust. Schubert	Aug. F. Hausmann	1925	157	3	0
240	7 $\frac{1}{2}$ miles southwest	Ernest Solover	do.	1919	139	3	0
241	9 $\frac{1}{2}$ miles southwest	Will Berry	Dave Sauer	1918	85	3	0

Well	Water level	Date of measurement	Method of lift	Use of water	Remarks
	Below surface point (ft.) a/				
219	d/ 60	1917	C, F	D, S	Casing: 201 feet of 3-inch.
220	--	--	C, F	D, S	Casing: 63 feet of 3-inch.
221	d/ 90	1916	C, F	D, S	Casing: 158 feet of 3-inch.
222	d/ 155	1941	C, G, 3	D, S, Ind	Casing: 200 feet of 3-inch. Water in blue sand from 190 to 230 feet. Supplies cotton gin.
223	d/ 153	1935	C, E, 6	D, S	Casing: 176 feet of 3-inch. Temperature 75° F. Drawdown reported 9 feet after pumping 12 gallons a minute for 12 hours. See log.
224	d/ 132	1940	C, B, 2	D, S	Casing: 163 feet of 3-inch.
225	d/ 155	1928	C, L, 3	D, S	Casing: 276 feet of 3-inch. Water reported in blue sand from 264 to 299 feet.
226	d/ 65	1942	C, H	P	Casing: 72 feet of 3-inch. Supplies picnic grounds.
227	d/ 148	1917	C, F	D, S	Casing: 115 feet of 3-inch.
228	--	--	C, H	P	Casing: 103 feet of 3-inch.
229	28.47	July 15, 1942	C, F	D, S	Dug well.
230	d/ 10	1959	C, B	D, S	Casing: 209 feet of 3-inch; 98 feet of 2-inch.
231	2.75 2.87	June 27, 1917 July 15, 1942	C, F	D, S	Casing: 276 feet of 3-inch.
232	17.33	July 14, 1942	C, F	D, S	Dug well.
233	d/ 100 137.32	1936 June 26, 1942	C, W	D, S	Casing: 134 feet of 3-inch. See log.
234	d/ 40	1908	C, F	D, S	Casing: 160 feet of 3-inch.
235	d/ 90	1922	C, F	D, S	Casing: 141 feet of 3-inch.
236	--	--	C, F	D, S	Temperature 74.5° F.
237	d/ 75	1916	C, G, 15	D, S	Casing: 215 feet of 3-inch.
238	--	--	C, F	D, S	
239	d/ 30	1925	C, F	D, S	Casing: 139 feet of 3-inch.
240	d/ 100	1919	C, F	D, S	Casing: 137 feet of 3-inch.
241	d/ 50	1918	C, F	D, S	



## Records of wells in Fayette County--Continued

Well	Distance from Schultenburg	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
242	8 $\frac{1}{2}$ miles northwest	W. R. Keuper	Willie Schlottmann	1918	300	3	---
243	5 miles northwest	Henry Knape	---	Old	170	3	1.4
244	6 $\frac{1}{2}$ miles northwest	Joe Schilhab Est.	Aug. H. Hausmann	1911	302	5	0.5
245	7 miles northwest	Frank Hertel	Dave Sauer	1918	190	3	1.0
246	5 miles northwest	Hermann Guettermann	Joe A. Anders	1910	325	3	4.0
247	3 $\frac{1}{2}$ miles northwest	R. S. Koehler Est.	---	---	30	48	3.0
248	4 miles west	Frank J. Rendal	---	Old	55	36	3.0
249	4 $\frac{1}{2}$ miles west	Mrs. Magdalena Gebauer	---	Old	31	48	3.0
250	5 miles southwest	Joe Kutac	---	1925	98	3	1.0
251	4 miles southwest	Frank Zacek	Frank Zacek	1915	74	4	0
252	2 $\frac{1}{2}$ miles west	M. P. Lind	---	Old	33	36	3.0
253	3 miles northwest	Miss Agnes Kainer	Willie Schlottmann	1921	50	4	0
254	4 $\frac{1}{2}$ miles northwest	F. Schenk	do.	Old	90	3	---
255	6 $\frac{1}{2}$ miles northwest	Mrs. Charley Brueggemann	Aug. H. Hausmann	1932	165	3	0
256	7 miles north	Pinus Franka	Chas. Krause	1909	140	3	0
257	do.	Frank J. Koether	Aug. H. Hausmann	1933	458	3,2	0
258	3 miles north	Theo. Antosh	---	Old	30	30	1.0
259	5 $\frac{1}{2}$ miles north	E. J. Bolling	Aug. H. Hausmann	1938	212	3,2	0
260	4 miles northeast	Joe A. Anders	Joe A. Anders	Old	64	3	1.0
261	2 miles north	Edmund Strobel, Sr.	---	---	170	5	---
262	1 $\frac{1}{2}$ miles west	Magnolia Pipe Line Co.	Hugh Greensheald	1924	400 $\frac{1}{2}$	8	2.0
263	1 mile west	Carnation Co. No. 2	Layne-Texas Co.	1929	244	16,8	0
264	do.	Carnation Co. No. 1	do.	1929	249	16,8	0
265	$\frac{1}{2}$ mile west	Schultenburg Oil Mill	Willie Schlottmann	1895	237	6	0
266	$\frac{1}{4}$ mile northwest	W. F. Kiehn	do.	1890	78	4	0

Well	Water level to measuring point (...) g/	Date of measure- ment	Method of lift b/	Use of water c/	Remarks
242	--	--	C, W	D, S	
243	47.59	July 3, 1942	C, W	D, S	
244	a/ 32 3.42	1911 July 3, 1942	C, W	D, S	Casing: 260 feet of 3-inch.
245	+	Oct. 8, 1942	Flows	D, S	Casing: 140 feet of 3-inch. Measured flow 6 gallons a minute.
246	+	July 3, 1942	Flows	D, S	
247	27.82	July 16, 1942	B, H	S	Dug well.
248	43.63	do.	C, G, -	D, S	Do.
249	39.64	Oct. 9, 1942	B, H	D, S	Do.
250	41.34	July 16, 1942	C, W	D, S	
251	a/ 75	1915	C, G, 1 1/2	D, S	Casing: 40 feet of 4-inch. Water in sand rock from 40 to 74 feet.
252	10.73	July 16, 1942	C, W	D, S	Dug well.
253	a/ 30	1942	C, W	D, S	
254	--	--	C, W	D, S	
255	a/ 90	1938	C, W	D, S	Casing: 153 feet of 3-inch. Water in red sand rock from 135 to 165 feet.
256	a/ 30	1941	C, W	D, S	
257	a/ 50	1933	C, W	D, S	Casing: 284 feet of 3-inch; 194 feet of 2-inch. Water in blue sand from 420 to 437 feet.
258	27.73	July 15, 1942	C, H	D, S	Dug well.
259	a/ 70	1936	C, W	D, S	Casing: 200 feet of 3-inch. Screen: 12 feet of 2-inch from 200 to 212 feet. Water in blue
260	17.82	July 15, 1942	C, W	D, S	sand from 200 to 210 feet.
261	--	--	C, G,	D, S	
262	10.68	July 17, 1942	None	N	Yield inadequate. Never used.
263	a/ 70	Aug. 20, 1929	T, L, 30	Ind	Casing: 200 feet of 16-inch; 44 feet of 8-inch. Screens from 158 to 178 and 222 to 242 feet. Reported yield 300 gallons a minute.
264	a/ 30	July 1, 1929	T, L, 30	Ind	Casing: 200 feet of 16-inch; 38 feet of 8-inch. Screen from 224 to 246 feet. Drilled to 1,099 feet and plugged back. Reported yield
265	a/ 37 a/ 30	1895 1890	C, G, 3	Ind	Casing: 211 feet of 6-inch. Reported yield 260 gallons a minute. See log.
266	a/ 38	1941	C, W	D, S	

## Records of wells in Fayette County--Continued

Well	Distance from Schulenburg	Owner	Driller	Date com- ple- ted	Depth of well (ft.)	Diam- eter of well (in.)	Height of measuring point above ground (ft.)
267	$\frac{1}{2}$ mile southwest	I. & M. O. R. R.	Layne-Bowler Co.	1904	726	9-5/8, 8 $\frac{1}{4}$	0
268	do.	do.	Layne-Texas Co.	--	270 $\frac{1}{2}$	--	--
269	$\frac{1}{2}$ mile southwest	Central Power & Light Co. No. 2	do.	1938	673	18-5/8, 16, 10 $\frac{1}{2}$ , 8-5/8, 6-5/8	0
270	do.	Central Power & Light Co. No. 1	do.	1929	279	15, 8	0
271	3 $\frac{1}{2}$ miles southwest	Aug. Gebert	Willie Schlottmann	1940	62	4	0.7
272	2 $\frac{1}{4}$ miles south	Frank F. Klessel	--	1882	75	30	3.5
273	1 $\frac{1}{2}$ miles southeast	John Vacek	--	Old	63	42	3.0
274	1 $\frac{1}{2}$ miles northeast	Frank Vacek	--	1865	75	30	3.5
275	3 $\frac{1}{2}$ miles northeast	Rud. Demel	--	Old	80	36	2.5
276	6 miles northeast	Cyril J. Barta	--	Old	60	36	1.5
277	8 miles northeast	John A. Bartos, Jr.	Aug. E. Hausmann	1935	247	3, 2	0
278	9 miles northeast	Vaclav J. Dolezal	-- Ezell	1911	140	3	0
279	9 $\frac{1}{2}$ miles northeast	Holman Public School	Aug. E. Hausmann	1921	85	3	0
280	9 miles northeast	Dr. C. H. Meyer	--	Old	68	36	3.0
281	7 $\frac{1}{2}$ miles northeast	Chas. J. Adamcik	--	1932	45	56	2.0
282	7 miles northeast	John Bayer	Aug. E. Hausmann	1933	152	3	0
285	5 $\frac{1}{2}$ miles northeast	Lmil Peter	-- Knebel	1897	94	60	0.5
284	3 $\frac{1}{2}$ miles northeast	Paul Green	--	--	52	36	0.8
285	3 $\frac{1}{2}$ miles east	Linnie Bednarz	--	1862	73	30	4.0
286	6 $\frac{1}{2}$ miles northeast	Mrs. Barbara Nohavitzka	--	1907	90	3	0
287	7 $\frac{1}{2}$ miles northeast	F. E. Kloesel	--	Old	31	36	3.0
288	9 $\frac{1}{2}$ miles northeast	Anton Freis, Jr.	--	Old	15	36	4.0
289	10 $\frac{1}{2}$ miles northeast	Joe Freis	Joe A. Anders	1918	253	3	0.5
290	12 miles northeast	J. J. Hudoc	--	--	82	3	2.5
291	10 $\frac{1}{2}$ miles northeast	Hill bank Trust Co.	--	Old	29	30	2.5

Well	Water level	Date of measurement	Method of lift	Use of water	Remarks
	gauge (ft.) a/		b/	c/	
267	34	Nov. 11, 1904	--	--	Formerly supplied locomotives. Plugged and abandoned. See log.
268	--	--	T, E, 1 1/2	F, R	
269	34	Dec. 12, 1939	T, E, 25	F	Casing: 159 feet of 18-5/8-inch; 17 feet of 11-inch; 4 feet of 10-inch; 186 feet of 8-5/8-inch; 86 feet of 6-5/8-inch. Screen from 644 to 660 feet. Reported yield 65 gallons a minute. See log.
270	3/91	Mar. 15, 1929	T, E, 25	F	This well and well 269 supply City of Schulenburg. Reported yield 190 gallons a minute. See log.
	3/30	Mar. 22, 1942			
271	27.73	July 16, 1942	C, G, -	D, S	Casing: 50 feet of 4-inch.
272	27.21	July 17, 1942	C, G, -	D, S	Dry well.
273	28.76	do.	C, G, -	D, S	Do.
274	28.94	do.	C, G, -	D, S	Do.
275	27.02	July 15, 1942	C, G, -	D, S	Do.
276	26.93	do.	C, G, -	D, S	Do.
277	3/30	1935	C, G, -	D, S	Casing: 102 feet of 3-inch; 50 feet of 2-inch. Screen from 237 to 247 feet. Water in red sand from 210 to 247 feet.
278	3/40	1911	C, G, -	D, S	
279	3/30	1921	--	--	Casing: 70 feet of 3-inch. Abandoned.
280	45.92	July 15, 1942	C, G, -	D, S	Dry well.
281	47.97	do.	C, G, -	D, S	Do.
282	3/110	1933	C, G, -	D, S	Casing: 139 feet of 3-inch. Screen from 139 to 152 feet.
283	40.17	July 15, 1942	C, G, -	D, S	Dry well. Formerly supplied cotton gin. Water in sand rock from 80 to 94 feet.
284	41.46	July 17, 1942	C, G, -	D, S	Dry well.
285	41.04	do.	C, G, -	D, S	Do.
286	3/30	1939	C, G, -	D, S	
287	46.05	July 15, 1942	C, G, -	D, S	Dry well.
288	49.30	July 14, 1942	C, G, -	D, S	Do.
289	157.26	do.	C, G, -	D, S	
290	71.71	do.	C, G, -	D, S	
291	55.03	do.	C, G, -	D, S	Dry well.

## Records of wells in Fayette County--Continued

Well	Distance from Schuenburg	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
292	11½ miles northeast	Albert Seydler	--	1895	30	30	2.5
Well	Distance from Fayetteville	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
293	8 miles southwest	J. A. Novasak	--	Old	35	4	0
294	do.	V. B. Zapalac	--	1908	64	30	4.5
295	5 miles southwest	Emil Lidiak	--	1902	49	30	--
296	4½ miles west	William Hill	Bob Eckols	1921	210	3	--
297	5½ miles west	C. W. Harlfinger	-- Treybig	1892	150 <sup>+</sup>	8	0.5
298	5 miles northwest	J. C. Eschiedel	Henry Tietjen	1912	170	4	0
299	6 miles northwest	Mrs. Louis Muesse	--	Old	40	30	2.5
300	4 miles northwest	Mrs. Selma Fritsch	--	1894	35	8	0
301	4½ miles northwest	John Halamicek Est.	Walter E. Rinn	1937	122	3,2	1.0
302	4½ miles northwest	do.	Henry Tietjen	1921	140	3	2.0
303	4½ miles northwest	Willie Cordes	Alvin Harms	1939	135	3	0
304	6 miles north	D. Gerdes Est.	Walter E. Rinn	1925	265	3	2.5
305	6½ miles north	Walter Voelkel	Henry Cordes	1911	102	12	1.0
306	6½ miles north	do.	Rinn Bros.	1931	162	3	4.0
307	3 miles northeast	Rudolph Schmidt Est.	Walter E. Rinn	1922	154	3	3.5
308	5½ miles northeast	Mrs. Mary Svrcek	Gus Hartfield	1912	276	3	5.0
309	7 miles northeast	W. F. Pinck	Walter E. Rinn	--	208	3,2	--
310	7½ miles northeast	Rudolph Gabriel	--	Old	97	3	--
311	6 miles northeast	Hugo P. Schmitt	Walter E. Rinn	1938	242	3,2	0
312	3½ miles northeast	William Coufal	do.	1917	37	5	--
313	2½ miles north	Ed. F. Kubala	--	Old	135	3	--
314	2¼ miles north	Stephen Schley	--	1890	49	36	0.5
315	2½ miles northwest	Mrs. E. Sarrazin	Alvin Harms	1934	138	3,2	--

Well	Flow level	Date of measurement	Method of lift	Use of water	Remarks
	(St.) a/		b/	c/	
292	11.34	July 14, 1942	C, H	D, S	Drilled well.
293	10.30	1942	C, H	D, S	Drilled well.
294	10.89	July 9, 1942	C, C, 3	D, S	Drilled well.
295	--	--	C, C, 3	D, S	Do.
296	--	--	C, H	D, S	
297	7.31	July 8, 1942	C, H	S	Water reported highly mineralized.
298	10.70	1940	C, E, 1/2	D, S	Casing: 120 feet of 3-inch.
299	11.89	July 10, 1942	C, H	D, S	Drilled well.
300	3/ 30	1942	C, H	D, S	Drilled well.
301	-	July 24, 1942	Flows	D, S	Casing: 105 feet of 3-inch and 17 feet of perforated 2-inch at bottom. Measured flow, 2 gallons a minute.
302	+	do.	Flows	D, S	Measured flow 1 gallon a minute.
303	-	July 10, 1942	Flows	D, S	Casing: 124 feet of 3-inch.
304	+	do.	Flows	D, S	Casing: 215 feet of 3-inch. Screen from 245 to 255 feet. Measured flow 5 gallons a minute.
305	2.93	do.	C, H	D, S	
306	-	July 10, 1942	Flows	D, S	Measured flow 7-gallon a minute.
307	+	do.	Flows	D, S	Casing: 153 feet of 3-inch. Measured flow 1/2 gallon a minute.
308	-	do.	Flows	D, S	Casing: 95 feet of 3-inch. Measured flow 1/2 gallon in 50 seconds.
309	--	--	C, H	D, S	Casing: 191 feet of 3-inch and 17 feet of perforated 2-inch at bottom.
310	--	--	C, H	D, S	
311	12/ 47	1938	C, H	D, S	Casing: 235 feet of 3-inch and 17 feet of perforated 2-inch at bottom.
312	--	--	C, H	D, S	Casing: 87 feet of 3-inch.
313	--	--	C, H	D, S	
314	28.77	July 8, 1942	C, H	D, S	
315	--	--	C, H	D, S	Casing: 122 feet of 3-inch and 17 feet of perforated 2-inch at bottom.

Records of wells in Fayette County--Continued

Well	Distance from Fayetteville	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
316	2 $\frac{1}{2}$ miles southwest	Mrs. Jenovefa Chovanec	Alvin Harris	1934	147	3	---
317	4 $\frac{1}{2}$ miles southwest	F. J. Hruska	do.	1938	95	3	0
318	do.	City of Ellinger	---	Old	120	4	0
319	do.	F. J. Hruska	Alvin Harris	1938	120	3	0
320	do.	Anton Mazac	Gus J. Struve	1930	262	3	0
321	5 $\frac{1}{2}$ miles south	Raymond Peters	Alvin Harris	1934	176	3	---
322	3 miles south	A. W. Girndt	Charley Reither	1917	117	3	0
323	2 $\frac{1}{2}$ miles south	Rosa Martinek	---	1892	110	4	2.0
324	2 $\frac{1}{2}$ miles southeast	Jm. Dybala No. 1	McNeil Petroleum Co.	1937	4,014	---	---
325	$\frac{1}{2}$ mile southwest	Frank Vitek	Alvin Harris	1938	253	3,2	0
326	In Fayetteville	City of Fayetteville	Loyne-Texas Co.	1927	908	12,8	1.0
327	$\frac{1}{2}$ mile east	Herman Quandt	Alvin Harris	1934	219	3	1.5
328	2 $\frac{1}{4}$ miles east	Frank Krenek	Eugene Kurtz	Old	112	5	0
329	3 $\frac{1}{4}$ miles northeast	E. V. Kovar	---	1902	30	8	1.0
330	5 miles northeast	Martin Kocourek	Bill Plaggens	1941	47	30	0
331	5 $\frac{1}{2}$ miles northeast	Herman Von Minden	Chas. Zapalac	Old	34	30	1.5
332	5 miles northeast	Joe Kulpanek	---	Old	78	3	0.8
333	7 $\frac{1}{2}$ miles northeast	Coufal Est.	Walter E. Rinn	1930	139	3	0
334	7 miles northeast	John H. Coufal	do.	1921	127	3	0
335	do.	J. C. Garlin Est.	---	Old	95	36	3.0

a/ Plus (+) indicates water level above measuring point.

b/ Pump or lift: P, turbine; A, air lift; C, cylinder; B, rope and bucket.

Power: E, electric; G, gasoline engine; W, windmill; H, hand. Figure indicates horse power.

Well	Year crossing point (ft.) a/	Level Date of measure- ment	Method of lift b/	Use of water c/	Remarks
315	---	---	C, F	D, S	Casing: 127 feet of 3-inch.
317	d/	1958	C, H	D, S	Casing: 83 feet of 3-inch. Drilled to 55 feet and drilled from 55 to 95 feet.
318	d/ 45	1941	I, S, 1	F	Supplies Town of Ellinger. Reported yield 10 gallons a minute.
319	d/ 47	1938	C, G, 1	D, S	Casing: 106 feet of 3-inch. Screen in blue sand shell from 104 to 120 feet.
320	d/ 47	1950	C, G, 1	D, S	Casing: 251 feet of 3-inch.
321	--	--	C, F	D, S	Casing: 156 feet of 3-inch.
322	d/ 30	1917	C, G, 3	D, S	Casing: 111 feet of 3-inch. Screen from 111 to 117 feet.
323	70.96	July 9, 1942	None	H	
324	--	--	--	--	Oil test. See log.
325	d/ 110	1938	C, G, -	D, S	Casing: 184 feet of 3-inch; 29 feet of 2-inch.
326	d/ 72 91.34	July 16, 1927 July 8, 1942	T, S, 2C	F	Casing: 193 feet of 12-inch; 712 feet of 3-inch. Screens from 768 to 790 and 800 to 902 feet. Reported yield 156 gallons a minute. Supplies City of Fayetteville. Temperature 83°
327	101.13	July 8, 1942	C, F	D, S	Casing: 200 feet of 3-inch. See log.
328	d/ 35	1942	C, H	S	
329	8.79	July 10, 1942	B, F	D, S	Test well.
330	d/ 30	1941	C, H	D, S	Drill well.
331	70.25	July 10, 1942	C, G, 1	D, S	Do.
332	75.40	July 24, 1942	C, F	D, S	
333	d/ 125	1930	C, F	D, S	Casing: 129 feet of 3-inch. Screen from 129 to 150 feet.
334	d/ 115	1921	C, F	D, S	
335	71.09	July 10, 1942	C, H	D, S	Drill well.

c/ P, public supply; Ind, industrial; R, railroad; Sw, swimming pool; , domestic; S, to be; n, none.

d/ Year level reported by driller or owner.



Table of Drillers' logs of wells in Fayette County, Texas

	Thickness (feet)	Depth (feet)
<u>Well 17, partial log</u>		
Sandy McKinnen No. 1, 6 <sup>1</sup> / <sub>2</sub> miles south of Cistern.		
Surface	2	2
Clay	8	10
Black sand	25	35
Sand, water	5	40
Black sand	10	50
Lignite and blue shale	5	55
Blue shale	5	60
Sand rock	2	62
Blue sand, water	43	105
Sand and shale	28	133
Sand rock	2	135
Blue shale	20	155
Sand rock	2	157
Sand and shale	33	190
Blue sand	30	220
Sand	20	240
Sandy shale	20	260
Sand rock	2	262
Sand	118	380
Sandy shale	24	504
Hard rock	1	505
Shell, shale and rock	159	664
TOTAL DEPTH		664

	Thickness (feet)	Depth (feet)
<u>Well 35, partial log</u>		
Alfred Steinhauser No. 1, 5 <sup>1</sup> / <sub>2</sub> miles northwest of Flatonia.		
Surface	12	12
Coarse-grained sand rock	6	18
Clay, shale and shells	212	230
Sand, water	5	235
Sand rock	1	236
Gray shale	22	258
Sand rock	1	259
Shale and boulders	21	280
Sand shale and pyrite	30	310
Shale and pyrite	30	340
Sand rock	1	341
Shale	5	346
Lime	1	347
Shale, shells and chert	25	372
White sand and pyrite	11	383
Shale, shells and chert	12	395
Green sand and shale	2	397
Shale and shells	20	600
Sand, shale and pyrite	20	648
Gray sand	27	675
Shale, shell and pyrite	100	775
Sandy shale, salt water	57	832
Shell, shale and gub	286	1118
Sandy shale	20	1138

	Thickness (feet)	Depth (feet)
<u>Well 35, partial log--Continued</u>		
Sand, fresh water	10	1148
No record	274	1422
Sand with clay streaks	10	1432
Sandy shale	33	1465
Gumbo, rock and shale	21	1486
Sandy shale	40	1526
Sand rock	7	1533
Sandy shale	33	1566
No record	12	1578
Lime rock	2	1580
Shale, clay and lime	55	1635
Sand	1	1636
Sandy shale and rock	174	1810
Shale	23	1833
Rock shell	1	1834
TOTAL DEPTH		3008

	Thickness (feet)	Depth (feet)
<u>Well 37, partial log</u>		
A. B. Kerr No. 1, 5 <sup>1</sup> / <sub>2</sub> miles northwest of Flatonia.		
Sand and clay	79	79
Rock	2	81
Lignite	20	101
Rock	2	103
Sand and boulders	97	200
Clay and boulders	50	250
Sand	40	290
Sand and clay	50	340
Sand, water	33	373
Sand and clay	60	433
Rock	1	444
Sand	41	485
Shale and lime	644	1129
Sand and shale	144	1273
Sticky shale	22	1295
Shale and sand	78	1373
Shale	365	1738
TOTAL DEPTH		4007

	Thickness (feet)	Depth (feet)
<u>Well 46</u>		
City of Flatonia, in Flatonia.		
Black dirt	12	12
Sand rock	12	24
White sand	50	74
Quicksand	5	79
White sand	15	94
Sand, water	9	103

(Continued on next page)

Table of Drillers' Logs of wells in Fayette County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 48--Continued</u>		
Yellow sand	9	112
Sand rock	5	117
Yellow sand	16	133
Joint clay	8	141
Gumbo	20	161
Joint clay	22	183
Coal, gum mixed with clay	60	243
Blue sand rock, water	50	293
Gumbo mixed with coal	52	345
Sand rock	12	357
Sand, water	6	363
Blue sand rock	60	423
Gumbo	29	451
Blue sand rock	13	464
Sand, water	19	482
Blue sand rock	6	488
Brown sand	6	494
Hard rock	6	500
Lignite	8	508
Sand	3	511
Sand rock	8	519
Sand, water	9	528
Sand rock	48	576
Gumbo	14	590
Hard rock	12	602
Gumbo	14	616
Hard clay mixed with sand	16	632
Sand rock	37	669
Gumbo	21	690
Sand rock	26	716
Hard slate rock	5	721
Gumbo	6	727
Sand, water	12	739
Soft rock	9	748
Hard rock	4	752
Soft rock	33	785
Hard rock	3	788
Gumbo mixed with shale	137	925
Sand, water	10	935
Gumbo	10	945

Well 71

F. Floriance No. 1, 6 miles east of Flatonia.		
Hard sandstone	15	15
Red clay	30	45
Sand, water	7	52
Yellow clay	243	299
Blue sand, water	20	319
Rock	3	322
Yellow clay	27	349
Hard sand	14	363
Hard pink clay	22	385

	Thickness (feet)	Depth (feet)
<u>Well 71--Continued</u>		
Gray sand, water	10	395
Hard shale	54	449
Pack sand	11	460
Sticky blue clay	183	643
Sand, flowing water	17	660
Shale and lime	30	690
Sandy shale	15	705
Gumbo	77	782
Hard lime	5	787
Sand, water	28	815
Gumbo, shale and sand	944	1759
Blue sand, water	39	1798
Gumbo and rock	44	1842
Sandy shale	60	1902
Sticky shale	136	2038
Rock	3	2041
Hard sandy shale	29	2070
No record	15	2085
Shale	28	2113
Sand	9	2122
Shale	52	2174
Hard lime	2	2176
Sandy shale	49	2225
Shale, gumbo and lime	216	2441
Sand, water	15	2456
Sticky shale	13	2475
Gumbo	130	2605

Well 78 a/

John A. Kerr, 9 $\frac{1}{2}$ miles northeast of Flatonia.		
Quaternary; Soil and sub-soil	15	15
Fayette sandstone:		
Yellow-brown fine-grained slightly argillaceous sandstone	15	30
Lignite	4	34
Bluish-gray sandy clay	36	70
Light bluish-gray friable argillaceous, very fine-grained sand	10	80
Green calcareous fossiliferous shale	120	200

(Continued on next page)

Table of Drillers' Logs of wells in Fayette County--Continued

Well 78--Continued			Well 78--Continued		
	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Blue limestone with some fine grains of pyrite	1 $\frac{1}{2}$	201 $\frac{1}{2}$	Samples indicate two separate beds; one is a nonfossiliferous compact lignitic, noncalcareous shale; the other is a plastic, sticky, dark-green fossiliferous calcareous shale	99	999
Yegua formation:			Green calcareous fossiliferous plastic shale	91	1090
Green calcareous fossiliferous shale	138 $\frac{1}{4}$	340	Green fossiliferous calcareous shale with poorly preserved fossils	40	1130
Greenish-gray glauconitic marl; fossiliferous	1	341	Dark-green calcareous plastic shale	45	1175
Green-black sandy clay, slightly fossiliferous	59	400	Green calcareous fossiliferous plastic shale	50	1225
Tough, plastic green-brown slightly fossiliferous shale	100	500	Dark-green calcareous plastic fossiliferous, shale	75	1300
Tough, plastic green-brown slightly fossiliferous shale; slightly calcareous	30	530	Dark-green calcareous plastic fossiliferous shale; green-brown fine-grained loose slightly calcareous sand at 1,340 feet	65	1365
Green-black fossiliferous shale	25	555	Green calcareous fossiliferous plastic shale	45	1410
Green-black slightly fossiliferous shale	39	594	Fossiliferous shale	15	1425
Green-gray argillaceous sand; only slightly calcareous	45	639	Green-black fossiliferous shale	75	1500
Green-black calcareous sand; contains very fine-grained quartz with some mica possibly some glauconite (?)	1	640	Mount Selman formation (?):		
Green-gray slightly calcareous, argillaceous sand	111	751	Record missing	40	1540
Bluish-gray fine-grained slightly argillaceous sand	44	795	Brown porous fine-grained sand; slightly calcareous, probably water-bearing	20	1560
Cock Mountain formation(?):			Sample lacking	15	1575
Samples represent a number of distinct beds	55	850	Fossiliferous shale	100	1675
Green-gray slightly sandy fossiliferous shale	50	900	No record	27	1702
			Green-black calcareous fossiliferous shale	28	1730

(Continued on next page)

Table of Drillers' Logs of wells in Fayette County--Continued

	Thickness (feet)	Depth (feet)
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Well 78--Continued

Brown lignitic shale 14 1744  
 a/ Deussen, Alexander, Geology of the Coastal Plain of Texas west of the Brazos River: U. S. Geol. Survey Prof. Paper 126, pp. 86-87, 1924.

Well 159

First National Bank, 1 $\frac{3}{4}$  miles northwest of Round Top.

Surface soil with flint rocks	3	3
Gray sandy soil	12	14
Soft brownish-gray sandstone	30	44
White chalky rock with thin clay streaks	16	60
Clay with scm. coarse-grained sandstone streaks	40	100
Clay with some sand layers	35	135
Hard sand rock	1	136
Soft sand	1	137
Hard rock	1	138
Varied colored clay with sand streaks	18	156
Sandstone and sand	12	168
Hard rock	2	170
Bluish-white clay	1	171
Hard sand rock with soft streaks	2	173
Sand rock and blue clay	12	185
Bluish clay and sand streaks	10	195
Bluish-colored clay	18	213
Hard rock	5	218
Sand rock, water	18	236

well 179, partial log

J. C. Melcher No. 1, 7 miles southwest of La Grange.

Soil	3	3
Yellow sand	12	15
Sandstone	25	40
Sand	5	45
Blue shale	25	70
Sand, water	42	112
Boulders	2	114

	Thickness (feet)	Depth (feet)
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well 179, partial log--Continued

White sand, water	18	132
Lignite	4	136
Shale	6	142
Pack sand	48	190
Shale	20	210
Gray sand	50	260
Coal	10	270
Lignitic shale	28	298
Hard shale	14	312
Lignite	6	318
Brown shale	32	350
Sand	42	392
Sandy shale	47	439
Sticky shale	61	500
Sand, water	150	650
Lignite	10	640
Sandy shale	30	670
Sticky shale	60	730
Sandy shale	46	776
Rock	1	777
Shale and gumbo	168	945
Sandy shale	13	958
Gumbo	50	1008
Sandy shale and shells	37	1045
Shale and gumbo	189	1234
Sand, water	48	1282
Gumbo and shale	57	1339
Sand, water	24	1363
Sticky shale	23	1386
Sandy lime	6	1392
Gumbo and shale	141	1533
Shale and rock with pyrite	30	1563
Sandy shale and lime	33	1656
Sand, water	45	1701
Sticky shale	19	1720
Sand streaks with shale	26	1746
Sandy lignitic shale	49	1795
Gumbo	35	1830
TOTAL DEPTH		3462

Well 181

Adolf Hunger No. 1, 5 $\frac{1}{2}$  miles southwest of La Grange.

Soil	3	3
Clay	9	12
Gravel	9	21
Sand rock	24	45
Yellow sand	5	50
Sand rock	31	81

(Continued on next page)

Table of Drillers' Logs of wells in Fayette County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 181--Continued</u>		
Grey sand	29	110
Sandy shale	20	130
Lignite	2	132
Shale	18	150
Peck sand	20	170
Shale	26	190
Coal	7	203
Sand, water	27	230
Shale	30	260
Lignite	8	268
Sand, water	38	306
Lignite and shale	70	385
Sand, water	35	420
Green shale	82	502
Coal	8	510
Peck sand	20	530
Shale and boulders	139	669
Sand, water	30	708
Sandy shale	47	755
Rock	1	756
Shale and boulders	84	840
Sandy shale	26	866
Sand rock	1	867
Sticky shale	43	910
Shale shells	10	920
Sand, water	32	952
Shale and gumbo	68	1020
Sand shells	30	1050
Gumbo and shale	65	1115
Sand, water	75	1190
Gummy shale	52	1242
Brown sandy shale	19	1261
Shale and gumbo	44	1305
Brown sandy shale	13	1318
Gummy shale	26	1346
Lime rock	1	1347
Gumbo	93	1440
Sand	50	1490
Sticky shale	32	1522
Lignite, sand, and shale	7	1529
Sticky shale	27	1556
Sand, water	19	1575
Sticky shale	25	1600
Sandy shale	8	1608
Sticky shale	49	1657
Sand with shale streaks	21	1678
Sticky shale and gumbo	92	1770
Shale, sand and shells	33	1803
Gumbo	37	1840
Sticky shale	102	1942
Shale, shells and marl with sand	68	2010
Lime rock	1	2011

	Thickness (feet)	Depth (feet)
<u>Well 181--Continued</u>		
Sticky shale	63	2074
Lime rock	1	2075
Gumbo	55	2130
Pyrites rock	1	2131
Gumbo and sandy shale	26	2157
Sandy shale	15	2172
Sticky shale	53	2225
Sandy shale and gumbo	253	2478
Pyrite	2	2480
White sand and shale	18	2498
Gumbo, lime rocks and shale	97	2595
Sticky gray shale	13	2612
Sand, shale and shells	7	2620

Well 208

Texas Public Service Co., Station B, $\frac{1}{2}$ mile northwest of Le Grange		
Yellow clay	10	10
Red clay	11	21
Sand and gravel	4	25
Yellow clay	2	27
Hard sand and shale	23	35
Rock	1	66
Hard green shale	6	72
Hard green shale and sand	42	114
Sand with layers of shale	15	129
Rock	1	130
Sand with layers of shale	3	138
Hard green shale	12	150
Shale and lignite	11	161
Fine-grained sand with layers of shale	23	187
Sand, shale and lignite	29	216
Fine-grained sand	12	223
Sand, shale and lignite	35	253
Green and brown shale	30	293

Well 216

Texas Public Service Co., $\frac{3}{4}$ mile south-east of Le Grange		
Clay	10	10
Sand	6	16
Sand and gravel	9	25
White clay	29	54
Blue sandy shale	79	133
Rock	1	134
Green shale	28	162

(Continued on next page)

Table of Drillers' Logs of wells in Fayette County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 216--Continued</u>		
Sand and shale layers	4	166
Green shale and layers of rock	79	245
Fine-grained gray sand rock	4	249
	2	251
Hard shale	15	266
Fine-grained gray sand	3	274
Sandy shale	18	292
Sandy shale and lignite	12	304
Green and brown shale	11	315

	Thickness (feet)	Depth (feet)
<u>Well 223</u>		
Frank Willmann, 1 $\frac{1}{2}$ miles southeast of La Grange.		
Black soil and gravel	2	2
Vari-colored clay	16	18
White and yellow clay with rock streaks	21	39
Soft white and yellow clay	11	50
Hard fine-grained rock and consolidated gravel	10	60
Hard rock and streaks of coarse-grained sand	10	70
Hard rock and layers of clay	5	75
Blue rock and clay	5	80
White and reddish- colored clay with rock layers	10	90
Sand rock	10	100
Sand rock with thin layers of sand	13	113
Hard rock	9	122
Soapstone	18	140
Sand rock	3	143
White clay	4	147
Sand rock	4	151
Hard sand rock and thin layers of sand	36	187
Blue clay	5	192

	Thickness (feet)	Depth (feet)
<u>Well 233</u>		
Gussie Luebner Est., 7 miles southeast of La Grange.		
Sandy soil	4	4
Sandy clay and layers of white sand	11	15

	Thickness (feet)	Depth (feet)
<u>Well 233--Continued</u>		
Soft brownish-colored sandstone	5	20
Sand with hard streaks	10	30
Sand	12	42
Layers of yellow clay and sand	8	50
Yellow clay	23	73
Yellow, blue and red clay	27	100
Red sticky clay	10	110
Vari-colored clay	7	117
Red and blue clay with streaks of rock	13	130
Hard rock	2	132
Soft rock	1	135
Hard rock with thin sand streaks	16	149
Blue sand with thin hard streaks	6	155
Blue sand with hard streaks and clay	10	165

	Thickness (feet)	Depth (feet)
<u>Well 264</u>		
Carnation Co. No. 1, $\frac{3}{4}$ mile west of Schulenburg.		
Clay	9	9
Sand and shale	17	26
Rock	2	28
Sand and shale	20	48
Shale and hard streaks	20	68
Rock	1	69
Shale	3	72
Rock	1	73
Sand	10	83
Shale, layers of sand and rock	118	201
Shale	23	224
Hard sand	19	243
Shale	405	648
Pack sand	16	664
Gumbo	4	668
Gumbo and pack sand	8	676
Gumbo	4	680
Hard sand	66	746
Shale	147	893
Fine-grained sand	12	905
Gumbo	5	910
Fine-grained sand	16	926
Shale	35	961

(Continued on next page)

Table of Drillers' Logs of wells in Fayette County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 264--Continued</u>		
Pack sand	6	967
Shale	59	1026
Rock	2	1028
Shale, layers of rock	71	1099

<u>Well 267</u>		
T. & N. O. R.R., $\frac{1}{4}$ mile southwest of Schulenburg.		
Clay	12	12
Rock	10	22
Clay	3	30
Rock	5	35
Sand, rock and clay	57	92
Rock	2	94
Clay	81	175
Rock and clay	22	197
Rock	3	200
Clay	65	268
Sand	16	284
Rock	16	300
Clay	26	326
Rock and clay	24	350
Rock	2	352
Clay	13	365
Rock	15	380
Rock and clay	40	420
Soft rock	2	422
Hard rock	3	425
Boulders	9	434
Clay	14	448
Sandy rock	2	450
Clay	20	470
Rock	3	473
Clay	55	528
Rock boulders	6	534
Hard clay	41	575
Rock	5	580
Clay	3	583
Rock	17	600
Sand and clay	30	630
Sand and gravel	70	700
Clay	26	726

<u>Well 269</u>		
Central Power & Light Company, No. 2, $\frac{1}{2}$ mile southwest of Schulenburg.		
Soil and clay	15	15
Coarse-grained sand	5	20
Clay and boulders	60	80
Clay	74	154
Hard sand	4	158

	Thickness (feet)	Depth (feet)
<u>Well 269--Continued</u>		
Sand	20	178
Gumbo	60	238
Sand	23	261
Shale	114	375
Hard white sand	6	381
Shale and boulders	181	562
Shale	50	612
Hard sand	24	636
Loose sand	30	666
Shale	7	673

<u>Well 270</u>		
Central Power & Light Company, No. 1, $\frac{1}{2}$ mile southwest of Schulenburg.		
Clay	12	12
Sand, rock and clay	66	78
Soft clay	63	141
Hard sand and clay	90	231
Clay	3	234
Fine-grained sand	8	242
Gravel	3	250
Sand	24	274
Rock	2	276
Gravel	3	279

<u>Well 324, partial log</u>		
Wm. Bybala No. 1, $2\frac{1}{2}$ miles southeast of Fayetteville.		
Yellow clay	30	30
Pinkish-purple clay	64	94
Gray sand	20	114
Blue clay	40	154
Sand	5	159
Gray clay	25	184
Blue sand	34	218
Shale and boulders	18	236
Pink shale	92	328
Gray shale	76	404
Hard sand	10	414
Sandy lime	16	430
Shale	5	435
Hard sand, pyrite and lime	17	452
Shale and boulders	38	490
Sandy shale	10	500
Shale and boulders	43	543
Shale and gypsum	67	610
Green shale and boulders	121	731
Gray shale	35	766
Sand	15	781
Sandy shale	91	862
Green sand	12	874

(Continued on next page)

Table of Drillers' Logs of wells in Fayette County--Continued

Well 324, partial log--Continued			Well 326--Continued		
	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Sticky shale	36	910	Hard shale	35	422
Sandy shale	22	932	Clay	14	436
Sand	25	957	Shale and gumbo	38	474
Sticky shale and boulders	16	973	Soft shale	7	<del>481</del>
Sandy shale and boulders	59	1032	Hard shale	6	487
Sand	10	1042	Gumbo	33	520
Shale	84	1126	Soft shale	21	541
Peck sand	21	1147	Shale and gumbo	25	566
Shale, lime, streaks of sand and fossils	854	2001	Shale and rock	22	588
TOTAL DEPTH		4014	Shale and gumbo	45	633
			Gumbo	7	640
			Shale and gumbo	60	700
			Soft shale	32	732
			Gumbo	32	764
			Sand	28	792
			Gumbo	71	863
			Rock	1	864
			Sand	40	904
			Gumbo	4	908

Well 326

City of Fayetteville, in Fayetteville.		
	Thickness (feet)	Depth (feet)
Clay and boulders	51	51
Sand	10	61
Clay	15	76
Sand	12	88
Shale	91	179
Sand and shale	10	189
Hard shale	192	381
Rock	1	382
Sand	4	386
Rock	1	387



Partial analyses of water from wells in Fayette County, Texas

Analyzed at The University of Texas under the direction of W. J. Hastings, Chemist, U. S. Department of the Interior, Geological Survey, and Dr. F. P. Schoch, Director of the Bureau of Industrial Chemistry. Results are in parts per million. Well numbers correspond to numbers in table of well records.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
1	J. C. Miller	400±	Oct. 13, 1942	542	61	5.1	135	268	133	76	-	0	173
2	Joe A. Elsik	296	do.	2,945	350	100	513	122	1,057	360	0.1	-	1,287
3	Kasper and Wagner	400±	do.	930	117	57	128	220	303	218	-	0	525
4	A. J. Harbich	100	do.	2,144	202	99	397	220	798	540	0.4	0	911
5	La J. Psencik	250±	do.	2,967	331	135	471	165	1,294	655	0.1	-	1,333
6	Clem Vinklerek	415	Oct. 14, 1942	933	114	43	157	232	270	235	0.2	0	462
7	Frank Stephan	72	do.	6,252	505	433	1,010	430	2,402	1,690	0	-	3,042
8	L. J. Lidiak	240	do.	3,439	300	133	735	140	1,072	1,180	-	-	1,297
10	O. Buescher	394	do.	1,389	175	57	230	146	425	430	-	0	670
a/11	Cistern Well Co.	408	July 31, 1942	702	57	36	138	236	222	117	0	1.0	290
13	Mrs. Annie Thiemann	417	Oct. 13, 1942	1,457	128	35	377	177	140	700	0.3	-	461
14	Max Johnson	101	do.	1,489	115	40	352	343	429	370	-	3.0	490
15	F. R. Fisher	500	Oct. 9, 1942	1,810	154	58	413	146	462	650	0.5	-	621
16	Brooks H. Anderson	38	do.	2,708	362	113	339	171	1,109	650	0.9	-	1,369
20	H. A. Armin Est.	130	Oct. 13, 1942	242	16	7.5	68	93	17	35	-	0	70
21	Dean Dewitt	217	Oct. 14, 1942	3,762	460	137	591	72	1,756	780	2.0	-	1,715
22	Herbert Naumann	379	Oct. 14, 1942	719	16	7.5	249	214	122	219	-	0.5	70
23	Eddie Kocin	60	do.	176	33	4.6	21	134	44	0.0	-	0	113
24	Mrs. Myrtle Rav Est.	100±	do.	2,533	254	140	400	37	1,020	700	0.8	-	1,211
25	Sam Hopper	26	do.	129	27	2.2	21	122	12	7.0	-	0	76
27	Emil Boehnke	285	do.	549	24	8.3	132	233	33	135	-	0	95
28	J. R. Allison	27	do.	4,886	857	222	561	201	387	2,260	0.4	-	3,057
29	Wallace Cherey	113	do.	1,476	218	52	241	237	314	510	-	0	757
30	O. B. Robertson	2,000	July 2, 1942	1,140	6.4	3.9	475	1,147	13	75	1.4	1.0	32

a/ Analyses of water from selected wells are given in milligram equivalents per liter on page 50.

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

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
31	J. E. Robertson	57	Oct. 14, 1942	1,660	373	31	121	220	832	195	0	0	1,059
32	Fred Weidel Est.	370	Oct. 13, 1942	2,364	228	80	482	433	887	474	0	0	899
36	John A. Kerr	365	Oct. 14, 1942	584	42	14	170	354	44	140	0	0	154
38	Mrs. Bertha Kelso	79	Oct. 13, 1942	1,885	268	50	293	342	887	218	0.4	1.0	876
39	Mrs. Beula Dozier	200±	Oct. 9, 1942	1,338	177	39	237	287	444	300	-	0	604
40	Dan Sutton Est.	47	do.	1,614	338	33	212	342	148	715	-	-	981
41	J. L. Johnson	25	do.	5,338	712	77	1,000	134	2,033	1,450	-	-	3,098
42	J. J. St. Urba	49	do.	294	29	12	50	18	96	91	0.5	0	123
43	Ed Albrecht	180	Oct. 9, 1942	1,762	141	14	456	226	684	355	0.5	0	408
44	Jaroslav Michal	99	July 31, 1942	3,119	395	54	537	73	1,257	700	0.1	-	1,208
45	G. J. Parker	100	Oct. 10, 1942	2,176	196	25	532	195	776	550	0.2	1.0	590
47	Peter Randuch	90	Oct. 12, 1942	374	25	5.1	106	110	96	88	-	0	83
a/ 48	City of Flatonia	945	July 31, 1942	646	57	5.5	150	174	105	168	0.2	0	164
49	Flatonia Mill Co.	480	Oct. 14, 1942	1,198	233	12	186	403	203	230	0.2	36	632
50	F. J. Harbich	62	Oct. 9, 1942	546	163	3.4	34	373	22	86	-	52	422
51	Harry Wiedemann	92	do.	516	115	6.3	61	342	55	31	-	30	314
52	Emil F. Nesrsta	112	do.	558	118	3.9	84	155	12	230	-	20	312
53	John Hajek	200	do.	389	86	3.9	62	342	26	43	-	0	232
54	F. A. Arnim Est.	200	do.	382	74	1.5	78	348	12	42	0.2	2.5	191
55	Emil Greiv	166	July 2, 1942	-	-	-	-	268	26	40	-	0	-
a/ 56	D. F. Johnson	252	do.	425	91	6.3	66	317	30	75	0.6	0	254
57	F. Stryk	40	Oct. 12, 1942	400	76	11	53	262	33	38	-	60	237
58	John Doubrava	35	Oct. 13, 1942	926	178	41	109	451	59	272	0.1	45	616
59	James Grasshoff	45	do.	402	66	2.7	88	323	18	49	-	19	177
60	Arthur Chrebeisek	327	Oct. 12, 1942	540	119	3.6	78	329	100	77	-	0	312
61	Edward Kalich	270	do.	410	100	7.5	49	305	30	73	0.8	0	280
62	Moritz Schwenke	185	do.	255	71	6.3	17	195	30	35	-	0	204

a/ Analyses of water from selected wells are given in milligram equivalents per liter on page 50.

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

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K, calc.)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
63	Ludwig Ladewig	145	Oct. 12, 1942	355	77	6.3	57	354	11	29	0.1	0.5	317
64	Herman Bretting	130	do.	341	80	7.5	45	323	22	27	0.3	0	230
65	P. V. Schalec	155	do.	337	43	7.5	78	323	23	21	-	0	150
a/66	Frank Klekar	25	Oct. 9, 1942	854	145	11	151	323	41	244	0.1	103	407
67	Unknown	27	do.	344	69	5.1	51	232	33	12	-	45	193
68	John F. Krupala	70	July 13, 1942	-	-	-	-	183	48	105	-	9.0	-
69	Chas. J. Michna	253	do.	526	91	5.1	101	143	41	213	0.1	0	243
70	Erwin Stavinoha	55	Oct. 13, 1942	535	105	5.1	92	335	30	103	-	30	233
a/72	Joe Sbruseh	336	Oct. 3, 1942	624	91	4.7	151	427	25	141	0.2	0	243
73	Salen Congregation	445	July 3, 1942	-	-	-	-	317	55	203	-	7.0	-
74	Gus Loth Estate	333	Oct. 13, 1942	432	71	6.3	107	232	33	149	0.7	0	204
75	G. L. Ruhmann	71	Oct. 3, 1942	373	40	18	38	366	33	19	-	0	171
76	Frank Olle	250±	do.	432	103	6.3	57	360	37	52	-	0	284
77	Dusek & Bittner	116	Oct. 12, 1942	1,343	159	15	275	261	340	430	0	0	434
79	John A. Herr	75	July 2, 1942	-	-	-	-	232	470	300	-	48	-
80	Henry S. Minor	226	June 30, 1942	1,630	132	25	461	244	252	630	0.1	-	430
81	The Texas Co.	325	do.	559	33	16	152	311	129	70	-	1.0	160
82	Mrs. M. Byler	265	do.	-	-	-	-	159	332	740	-	-	-
83	J. R. Plummer	279	do.	-	-	-	-	323	214	155	-	0	-
84	Dr. Frank Guenther	223	do.	-	-	-	-	207	739	395	-	2.0	-
85	Paul Schroeder	175±	do.	1,604	109	29	413	360	647	225	0.1	4.0	393
a/86	Dr. Frank Guenther	200	June 27, 1942	757	27	11	245	293	203	135	0.2	1.5	112
87	Jim Moore	231	June 29, 1942	1,960	174	33	460	348	813	302	0.3	6.0	565
88	Joe Krenek	302	do.	1,753	215	42	434	159	388	795	0.3	-	712
89	Ralph Richards	26	do.	353	92	7.5	32	305	30	15	0.4	30	250
90	do.	26	do.	-	-	-	-	220	30	13	-	16	-
91	Wm. Lakunz Heirs	30	July 20, 1942	323	34	10	26	305	22	13	0.1	18	251
92	J. J. Noeck	40	do.	992	94	26	227	409	166	170	-	103	341

a/ Analyses of water from selected wells are given in milligram equivalents per liter on page 50.

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

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
a/ 93	Mattie Johnson	46	July 20, 1942	2,410	215	98	406	0	924	400	0.8	366	940
94	Lutheran Church	135	do.	-	-	-	-	166	776	271	-	3.0	-
95	W. U. Williams Est.	195	do.	2,371	297	49	145	360	979	422	0.2	2.0	945
96	do.	65	do.	257	46	7.3	44	214	23	27	-	5.0	145
97	Mrs. Mary Pietsch	40	do.	-	-	-	-	207	17	16	-	19	-
98	Rudolph Schmidt	110	June 29, 1942	363	52	7.5	77	220	26	75	-	17	160
99	A. F. Behrens	85	June 26, 1942	638	98	16	126	342	41	180	-	7.0	310
100	A. F. Haynie	30	do.	1,092	176	32	181	378	207	310	0	0	570
102	Gus Hollis	192	do.	-	-	-	-	206	207	422	-	0	-
103	Oscar Riess	25	do.	1,025	75	6.3	305	397	126	274	-	44	214
104	W. N. Marshall	22	do.	203	43	5.1	30	159	16	19	0	30	120
105	E. F. Zigal	281	June 27, 1942	637	12	3.9	232	384	129	70	0.5	1.0	47
a/ 106	Edward Morgan	235	June 26, 1942	655	4.0	1.5	250	390	133	67	0.9	6.5	16
107	Will Morgan	269	June 27, 1942	-	-	-	-	232	129	62	-	0	-
108	Emil Flath	88	June 29, 1942	-	-	-	-	207	22	10	-	1.0	-
109	Mrs. Mary Zbonek	30	June 27, 1942	-	-	-	-	415	26	11	-	45	-
110	Dave Croft	170	July 20, 1942	962	91	14	233	323	351	112	0	2.0	283
112	do.	130	do.	-	-	-	-	150	830	297	-	0	-
113	Gerhard Zoch	151	do.	702	28	7.5	209	281	148	151	-	0	100
114	Herman Heune	182	do.	-	-	-	-	110	1,311	910	-	-	-
116	Paul Lehman	174	July 18, 1942	-	-	-	-	171	600	155	-	0	-
117	Herman Lorenze	145	July 20, 1942	-	-	-	-	171	1,201	412	-	3.0	-
118	Mrs. John Buscha	30	July 21, 1942	409	2.4	3.9	120	61	52	29	-	172	22
a/ 119	Kasper Est.	180	July 20, 1942	1,713	174	50	342	214	702	338	0	2.0	641
120	John Schulz	175±	do.	-	-	-	-	171	1,201	368	-	2.0	-
121	Max Walther	126	do.	1,761	167	23	403	305	795	221	0	2.0	514
122	F. J. Tomecek	177	July 18, 1942	560	0.0	2.9	198	180	148	107	0	-	-

a/ Analyses of water from selected wells are given in milligram equivalents per liter on page 50.

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

Results are in parts per million.

Well	Owner	Depth of well (ft)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
123	Louis Giese	60	July 20, 1942	1,170	177	21	220	220	222	420	-	0	529
124	Aug. Pietsch	135	do.	653	33	12	184	174	214	159	-	0	133
125	J. C. Weishuhn	74	do.	-	-	-	-	128	92	281	-	0	-
126	Henry F. Fuchs	148	July 25, 1942	-	-	-	-	146	48	115	-	0	-
127	Otto Toll	165	July 21, 1942	463	91	6.3	84	329	8	112	-	0	254
128	Chas. Sohr	170	do.	352	20	1.5	140	177	4	117	0.4	0	11
129	Herman Toll	123	do.	1,117	96	25	259	67	628	135	0.3	1.0	340
130	Chas. Mueller	203	do.	319	14	2.7	104	110	55	88	-	1.5	47
131	Henry Schumann	121	do.	1,783	192	52	344	0	540	655	-	-	692
132	F. F. Stuermer	185	do.	721	64	10	195	61	59	363	0	0	201
133	do.	143	do.	2,011	343	74	274	95	218	960	-	-	1,160
135	Arthur Mueller	174	July 29, 1942	-	-	-	-	98	59	195	-	0	-
136	Ernest Feinhold	93	do.	818	104	28	161	98	67	410	-	0	377
a/ 137	Arnold Krause	128	do.	967	174	7.5	189	360	30	389	0.6	0	465
138	John A. Ahlhorn	47	do.	1,275	328	18	121	336	48	535	0.2	10	896
139	First National Bank	235	do.	-	-	-	-	238	13	65	-	0	-
140	Lee Krause	38	do.	93	6.0	1.5	30	85	3	7.0	-	3.0	21
141	Willie Kiel	84	do.	1,416	268	37	217	415	55	635	0.1	-	823
142	Texas Garage	150	do.	-	-	-	-	146	20	210	-	1.0	-
143	Geo. Gerland	74	do.	-	-	-	-	305	18	82	-	45	-
144	Otto F. Fuchs Est.	165	July 30, 1942	-	-	-	-	232	11	37	-	1.0	-
145	do.	38	do.	-	-	-	-	171	8	40	-	65	-
a/ 146	C. W. Hinze	35	July 29, 1942	458	100	8.8	71	403	5	73	0.2	2.0	285
147	Fritz Jaster	72	July 30, 1942	-	-	-	-	134	41	163	-	39	-
148	Mrs. Emil Pietz Est.	29	do.	-	-	-	-	180	33	204	-	14	-
149	Geo. H. Nustedt	75	do.	384	72	7.5	69	372	11	18	0.2	23	210
150	Gus Noak Fst.	79	do.	-	-	-	-	201	13	64	-	120	-

a/ Analyses of water from selected wells are given in milligram equivalents per liter on page 5).

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

Well	Owner	Depth of well (ft)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
e/ 151	E. F. Schwarz	104	July 29, 1942	958	206	3.9	110	354	96	184	0	175	532
153	Geo. H. Dippel	34	July 30, 1942	-	-	-	-	110	23	194	-	25	-
154	Hueske and Tillman	40	do.	-	-	-	-	98	30	530	-	42	-
155	Rodo Kraus	100	do.	-	-	-	-	220	52	680	-	-	-
156	Unknown	43	do.	-	-	-	-	104	30	152	-	252	-
157	Herman Rummel	59	do.	-	-	-	-	262	175	440	0.7	540	-
158	Chas. Mayer	90	do.	-	-	-	-	238	26	110	-	63	-
159	Herman Schulze, S. Est.	50	do.	-	-	-	-	171	33	77	-	17	-
160	Henry Jordes	70	do.	-	-	-	-	195	10	49	-	0	-
161	Henry Ziese	118	July 24, 1942	-	-	-	-	146	303	3,630	-	-	-
162	Henry Bromer	20	July 30, 1942	-	-	-	-	177	47	38	-	46	-
163	Anton Punjes, Jr.	60	July 29, 1942	-	-	-	-	232	11	67	-	255	-
164	George E. Lenert	32	do.	754	170	2.7	77	305	148	56	0.1	150	437
165	V. C. Hanzel	105	July 25, 1942	-	-	-	-	98	7	18	-	46	-
167	Fred Ahlrichs	23	do.	-	-	-	-	189	12	34	-	21	-
168	Mrs. Emma Gau	64	do.	-	-	-	-	201	4	10	-	22	-
169	Miss Lizzie Marquart	194	July 21, 1942	513	104	7.5	76	220	85	132	-	0	200
a/ 170	Aug. Michalk	194	July 18, 1942	364	43	5.1	87	171	74	70	-	1.0	128
171	do.	198	July 24, 1942	584	12	2.7	200	201	185	84	0.1	1.0	42
172	John Sirocke	35	do.	-	-	-	-	262	26	12	-	37	-
173	R. A. Peires	42	June 27, 1942	-	-	-	-	226	55	48	-	120	-
174	Edward Morgan	24	do.	290	71	14	25	305	14	16	-	-	233
175	Harold Steele	35	do.	414	88	8.8	64	348	21	61	0.2	0	255
176	Hugh Pugh	122	do.	599	89	15	115	140	55	256	-	0	294
177	Stanley Mach	124	July 2, 1942	1,262	68	8.8	288	391	333	267	0.1	5.0	205
178	John Mach	182	Oct. 7, 1942	4,462	757	92	711	244	832	1,950	0.2	-	2,272

a/ Analyses of water from selected wells are given in milligram equivalents per liter on page 50.

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

Results are in parts per million

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
180	Joe A. Bordovsky	55	July 3, 1942	372	77	6.3	58	329	18	24	--	27	219
182	Paul Buchhorn	185	do.	514	107	6.3	84	323	30	128	--	0	294
183	Joe Bordovsky	150	June 26, 1942	--	--	--	--	317	55	76	--	1.5	--
184	Henry Koepke	30	June 27, 1942	329	103	6.3	8.3	220	26	55	--	22	284
185	W. L. Shaw Est.	213	do.	740	8.0	1.5	299	555	3	155	--	0	26
a/186	Aug. Michalk	100	July 24, 1942	413	34	3.9	120	220	55	84	0.1	8.0	102
187	Bill Petschik	112	July 21, 1942	1,159	299	27	86	250	148	486	0.1	0	857
188	Jeff Collins	49	July 24, 1942	--	--	--	--	177	63	435	--	10	--
189	Mrs. Louis Tiemann	119	July 8, 1942	358	93	5.1	44	373	8	22	--	0	253
190	C. H. Anders	24	July 21, 1942	732	160	1.5	105	336	166	129	0.2	5.0	406
191	W. F. Hofmann	175	July 25, 1942	--	--	--	--	155	55	85	--	0	--
192	William Hermes	23	July 21, 1942	--	--	--	--	171	52	185	--	8.0	--
193	Shell Pipe Line Co.	120	do.	376	105	5.1	37	306	6	37	0.3	6.0	283
194	L. T. Koepke	216	July 29, 1942	--	--	--	--	311	9	42	--	0	--
195	Gerhard Helmken	170	June 24, 1942	--	--	--	--	256	21	34	--	23	--
196	Flo Tietjen	110	July 8, 1942	485	88	7.5	93	354	26	96	--	0	250
197	do.	185	do.	--	--	--	--	293	16	56	--	1.0	--
198	Charlie Tschiedel	225	July 11, 1942	472	94	7.5	80	348	37	82	--	0	265
199	Henry Onken	167	July 8, 1942	--	--	--	--	334	10	38	--	0	--
200	Henry Von Minden	215	July 11, 1942	--	--	--	--	305	33	34	--	0	--
201	Otto Mueller	148	July 1, 1942	--	--	--	--	244	30	175	--	0	--
203	O. C. Kirsch	157	do.	--	--	--	--	293	33	50	--	1.0	--
204	Rudolph Friemal	150	do.	--	--	--	--	244	10	18	--	0	--
205	O. W. Albers	217	do.	543	16	7.5	198	458	30	65	0.5	0.5	70
206	State Highway Dept.	190	July 2, 1942	--	--	--	--	134	4	295	--	0	--
207	Texas Public Service Co. Sta. A	265	June 24, 1942	659	14	2.0	220	388	70	92	0.2	.8	43

a/ Analyses of water from selected wells are given in milligram equivalents per liter on page 10.

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

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
a/ 208	Texas Public Service Co. Sta. B	293	June 24, 1942	601	18	1.1	194	368	56	77	0.3	1.4	50
209	Texas Public Service Co. Sta. C	192	do.	625	5.0	0.4	116	400	48	73	.6	.0	14
210	La Grange Livestock Auction Co.	161	June 26, 1942	-	-	-	-	427	33	168	-	0	-
a/ 213	Spears Dairy	347	June 24, 1942	476	2.0	1.5	189	305	37	91	0.5	5.0	11
214	L. W. Stolz	225	July 2, 1942	663	22	2.7	241	415	63	129	0.5	1.0	67
215	F. W. Hunger	239	July 1, 1942	684	8.4	3.9	264	451	59	126	-	1.0	37
217	F. L. Hausmann	322	Oct. 13, 1942	605	142	7.5	81	14	168	-	1.2	-	385
218	Macey Haygood	316	June 27, 1942	764	77	12	202	390	92	189	-	0	243
a/ 219	Henry Munke	234	July 3, 1942	757	101	12	177	305	26	289	0.6	1.0	303
220	Chas. H. Brachovy	71	do.	533	4.8	2.4	201	439	12	15	0.1	82	22
221	Henry Petter	172	do.	-	-	-	-	244	55	790	-	-	-
222	Aug. H. Hausmann	230	June 25, 1942	-	-	-	-	293	30	185	-	2.0	-
223	Frank Willmann	192	July 3, 1942	336	86	6.1	40	348	17	16	-	0	239
224	Dr. I. D. Roelsche	163	June 29, 1942	299	92	7.5	16	317	10	17	0.1	0	260
225	Elo. G. Albers	299	July 1, 1942	-	-	-	-	427	30	149	-	1.0	-
226	Walther League	95	June 29, 1942	568	55	7.5	164	458	3.0	85	0.3	0	170
227	Mrs. Tom Shelton	137	July 14, 1942	-	-	-	-	348	59	40	-	0	-
229	Edmund Munke	40	July 15, 1942	-	-	-	-	207	26	68	-	394	-
230	John Kana	307	do.	751	12	3.9	287	464	52	168	0	0	47
231	do.	329	do.	-	-	-	-	415	41	156	-	0	-
232	Richard Naiser	30	July 14, 1942	-	-	-	-	183	12	17	-	51	-
233	Gussie Huebner Est.	155	June 25, 1942	-	-	-	-	366	55	56	-	49	-
234	Chas. L. Munke	186	July 15, 1942	-	-	-	-	366	30	220	-	5.0	-

a/ Analyses of water from selected wells are given in milligram equivalents per liter on page 50.

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

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
	235 B. P. Lidiak	171	July 3, 1942	452	62	30	109	390	30	59	-	0	196
	236 J. Hrachovy	499	July 2, 1942	-	-	-	-	342	63	85	0.2	1.0	-
	237 Henry Knapc Est.	273	July 15, 1942	723	132	8.8	135	299	30	270	0.3	0	355
a/	238 Paul Wittich	333	July 3, 1942	927	150	36	152	329	52	375	0.2	0	522
	239 Gust. Schubert	157	do.	-	-	-	-	397	30	198	-	0	-
	240 Ernest Melcher	169	do.	-	-	-	-	214	30	231	-	0	-
	241 Will Berry	85	Oct. 7, 1942	393	83	5.1	58	329	9	21	0.4	54	223
	242 W. B. Keuper	370	Oct. 8, 1942	519	117	6.3	75	342	41	111	0.8	0	319
	243 Henry Knapc	170	July 2, 1942	-	-	-	-	293	33	147	-	0	-
	244 Joe Schilhab Est.	302	do.	572	91	4.9	127	342	33	143	0.1	0	243
	245 Frank Hertel	190	Oct. 10, 1942	502	103	7.5	77	342	33	103	-	0	300
	246 Hermann Cuettermann	325	July 3, 1942	609	92	7.5	134	263	30	12	-	1.0	250
	247 F. B. Koehler Est.	30	July 15, 1942	4,369	1,105	56	104	366	314	2,510	0	-	2,995
	248 Frank J. Mendal	55	do.	342	95	3.9	30	329	12	14	-	24	257
	249 Mrs. Magdalena Gebauer	31	Oct. 9, 1942	491	126	1.5	26	171	12	51	-	190	321
	250 Joe Kutac	98	July 15, 1942	-	-	-	-	293	43	190	-	34	-
	251 Frank Zacek	74	do.	-	-	-	-	323	7	34	-	35	-
	252 M. P. Lind	33	do.	-	-	-	-	329	48	37	-	32	-
	253 Mrs. Agnes Kainer	53	do.	421	67	3.9	89	317	16	22	-	72	172
	254 F. Schenk	90	do.	630	111	5.1	109	397	17	61	0.3	132	293
a/	255 Mrs. Charley Brueggemann	165	do.	441	38	3.9	139	409	8	50	0.2	0.5	112
	256 Tinus Franka	140	July 2, 1942	-	-	-	-	214	203	330	-	-	-
	257 Frank J. Koether	458	do.	-	-	-	-	269	2	286	0.2	0	-
	258 Theo. Antosh	30	July 15, 1942	-	-	-	-	134	14	72	-	34	-
	259 F. J. Bolling	212	July 2, 1942	-	-	-	-	342	30	112	-	1.0	-

a/ Analyses of water from selected wells are given in milligram equivalents per liter on page 50.

Partial Analyses of water from wells in Fayette County--Continued

Results are in parts per million.

Well No.	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
260	Joe A. Anders	64	July 15, 1942	-	-	-	-	98	14	67	-	14	-
261	Edmund Strobel, Sr.	170	Oct. 3, 1942	660	89	14	137	244	129	170	-	0.5	278
263	Carnation Co., No. 2	244	July 6, 1942	520	65.	6.3	134	384	33	93	0.2	0	189
264	Carnation Co., No. 1	249	do.	-	-	-	-	293	12	139	-	0	-
a/265	Schulenburg Oil Mill	237	July 17, 1942	605	39	6.3	196	336	17	182	-	0	124
266	W. F. Kiehn	78	do.	-	-	-	-	183	70	162	-	175	-
268	T. & M. O. R. R.	270+	July 6, 1942	555	67	6.3	144	415	30	87	0.2	16	194
269	Central Power & Light Co. No. 2	673	July 17, 1942	710	9.4	1.0	250	513	26	88	0.2	28	28
270	Central Power & Light Co. No. 1	279	do.	555	42	7.0	162	378	28	102	0.4	1.8	134
271	Aug. Gebert	62	July 16, 1942	641	53	6.3	189	494	55	49	-	40	159
a/272	Frank F. Klessel	75	July 17, 1942	438	84	7.5	76	342	19	63	0.2	20	240
273	John Vacek	63	do.	683	111	5.1	130	338	41	129	-	102	298
274	Frank Vacek	75	do.	-	-	-	-	85	185	605	-	-	-
275	Rud. Demel	80	July 15, 1942	-	-	-	-	201	19	32	-	20	-
276	Cyril J. Barta	60	do.	645	111	6.3	126	232	30	245	-	13	304
277	John A. Bartos, Jr.	247	do.	-	-	-	-	293	111	255	-	0	-
278	Vaclav J. Dolezal	140	do.	-	-	-	-	287	12	42	-	8.0	-
280	Dr. C. H. Meyer	68	do.	6,988	793	224	1,460	171	852	3,595	0	-	2,903
281	Chas. J. Adameik	45	do.	-	-	-	-	153	44	305	-	32	-
283	Emil Peter	94	do.	-	-	-	-	220	111	247	-	10	-
284	Paul Green	52	July 17, 1942	-	-	-	-	354	55	163	-	189	-

a/ Analyses of water from selected wells are given in milligram equivalents per liter on page 50.

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

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
a/ 285	Finnie Bednarz	73	July 17, 1942	-	-	-	-	262	203	357	0.1	380	-
286	Mrs. Barbara Mohawitz	0	do.	324	90	3.9	28	305	9	13	0.2	30	242
287	F. W. Kloesel	31	July 15, 1942	1,226	290	17	65	207	26	255	0.3	471	796
288	Anton Freis, Sr.	15	July 14, 1942	-	-	-	-	183	30	157	-	41	-
289	Joe Freis	253	do.	-	-	-	-	195	33	108	-	0	-
290	J. J. Hudac	82	do.	-	-	-	-	104	7	59	-	32	-
291	Hill Bank & Trust Co.	29	do.	-	-	-	-	262	11	27	-	18	-
292	Albert Seydler	30	do.	-	-	-	-	275	30	50	-	39	-
293	J. A. Novasak	35	July 10, 1942	-	-	-	-	293	22	18	-	15	-
294	V. B. Zapalar	64	do.	-	-	-	-	293	44	31	-	13	-
295	Emil Lidiak	49	do.	353	105	12	14	336	18	30	0.1	9.0	313
a/ 298	J. C. Schmiedel	170	July 8, 1942	412	138	6.1	12	409	16	18	0.1	21	359
299	Mrs. Louis Muesse	40	July 10, 1942	-	-	-	-	140	59	350	-	0	-
300	Mrs. Selma Writsch	35	July 10, 1942	959	210	16	125	476	59	259	-	55	590
301	John Malamicek Est.	122	July 24, 1942	-	-	-	-	329	85	166	-	0	-
302	do.	140	do.	-	-	-	-	403	41	130	-	0	-
303	Willie Cordes	135	July 10, 1942	-	-	-	-	427	33	143	-	0	-
304	D. Gerdes Est.	25	do.	-	-	-	-	317	10	90	0.1	0	-
305	alter Voelkel	102	do.	-	-	-	-	214	2	165	-	0	-
306	do.	142	do.	-	-	-	-	206	3	115	-	2.5	-
307	Rudolph Schmidt Est.	154	do.	-	-	-	-	305	16	245	-	0	-
308	Mrs. Mary Svrcek	276	do.	-	-	-	-	293	2	200	-	3.0	-
309	W. F. Finck	208	July 24, 1942	-	-	-	-	195	2	176	-	0.0	-
310	Rudolph Gabriel	97	do.	-	-	-	-	195	19	130	-	16	-
311	Hugo P. Schmidt	242	do.	437	14	3.9	157	201	2	161	-	0	52
312	William Koufal	87	do.	-	-	-	-	342	63	148	-	1.0	-

a/ Analyses of water from selected wells are given in milligram equivalents per liter on page 50.

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

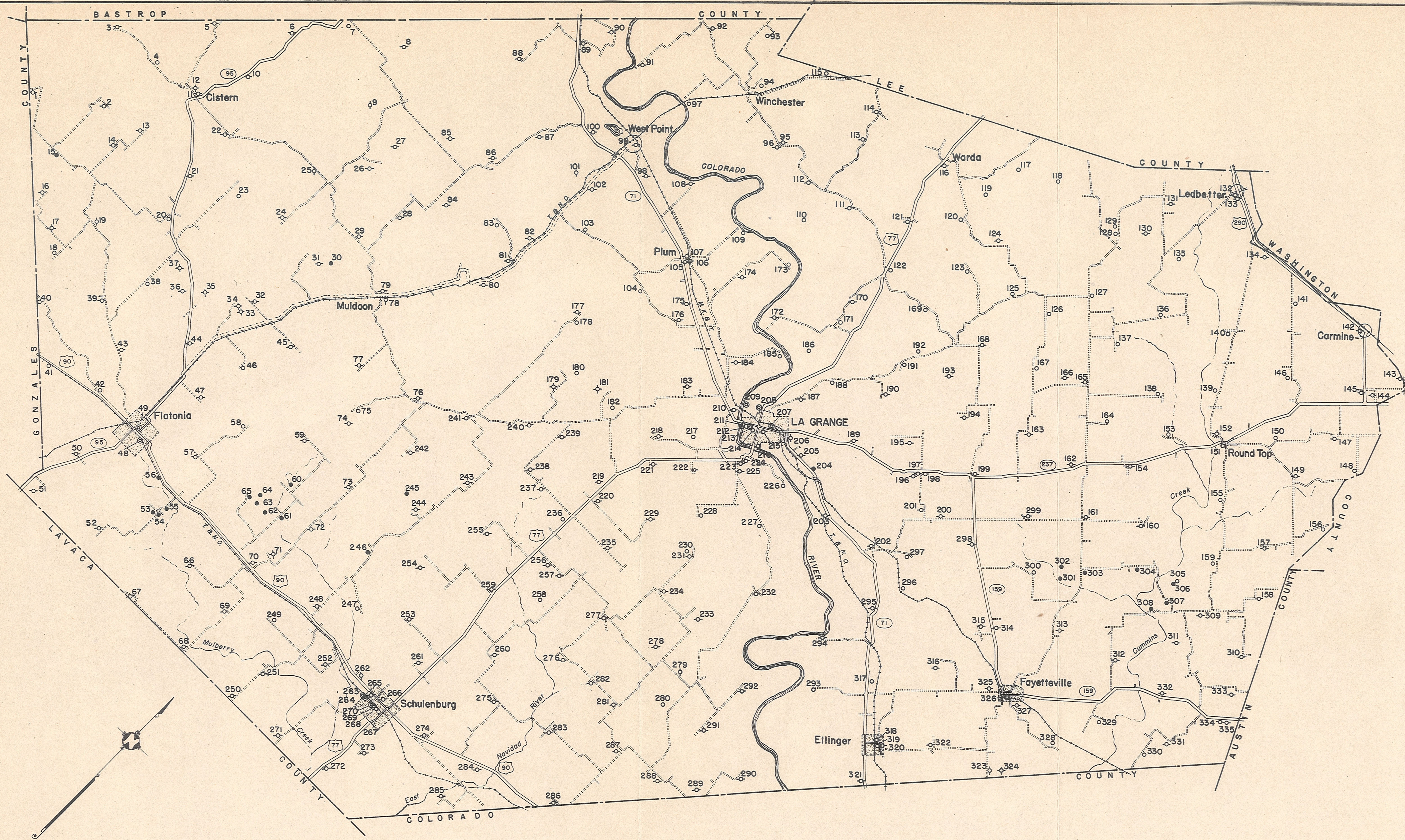
Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO <sub>3</sub> ) (S.L.)	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
313	Ed. F. Kubala	135	July 10, 1942	-	-	-	-	232	30	265	-	0
314	Stephen Schley	49	July 8, 1942	1,353	235	21	239	403	122	494	1.5	1.5
315	Mrs. F. Sarrazin	138	do.	-	-	-	-	297	37	110	-	0
316	Mrs. Jenevafa Chovanec	147	do.	653	69	14	170	378	37	177	-	0
317	F. J. Hruska	95	do.	-	-	-	-	220	13	46	-	4.0
318	City of Ellinger	120	July 10, 1942	-	-	-	-	473	148	610	-	-
a/ 319	F. J. Hruska	120	July 8, 1942	1,559	131	38	408	421	185	530	0.4	0
320	Anton Mazac	262	do.	730	25	11	255	537	26	146	-	0
321	Raymond Peters	176	July 10, 1942	-	-	-	-	317	107	349	-	0
322	A. W. Girndt	117	do.	-	-	-	-	305	7	41	-	23
325	Frank Vitek	253	July 8, 1942	-	-	-	-	329	33	96	-	0
a/ 326	City of Fayetteville	908	do.	643	5.6	0.5	240	534	31	48	0.2	0
327	Herman Quandt	219	do.	795	75	21	209	445	55	215	0.6	0
328	Frank Krenek	112	July 10, 1942	-	-	-	-	297	316	375	-	-
329	F. V. Kovar	30	do.	572	36	13	97	220	35	146	0.1	32
330	Martin Kocourek	47	do.	-	-	-	-	122	26	145	-	270
331	Herman Von Minden	54	do.	-	-	-	-	93	30	60	-	20
332	Joe Kulhanek	73	July 24, 1942	-	-	-	-	73	59	122	-	200
334	John H. Boufal	127	July 10, 1942	-	-	-	-	195	33	160	-	0
335	H. C. Garlin Est.	95	do.	-	-	-	-	244	59	275	318	-

a/ Analyses of water from selected wells are given in milligram equivalents per liter on page 50.

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

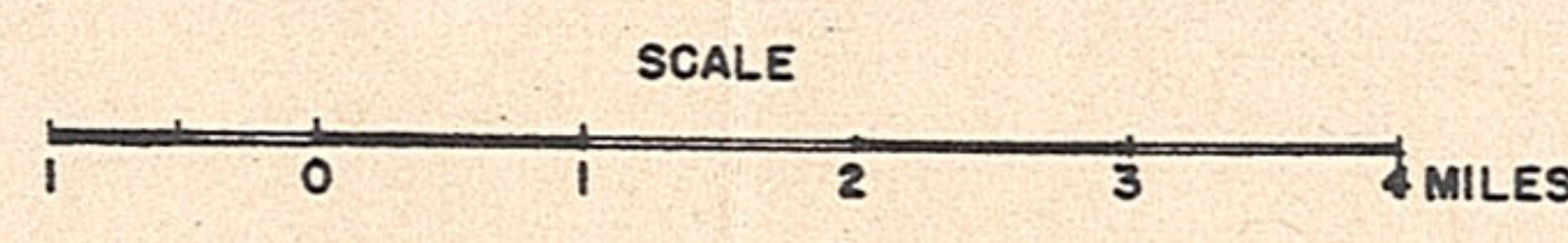
Well	Owner	Depth of well (ft.)	Date of collection	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
11	Cistern Well Co.	408	July 31, 1942	2.84	2.96	5.80	3.87	4.62	3.30	0	.02	6.01
48	City of Flatonia	945	do.	2.84	.45	3.29	2.85	2.10	4.74	.01	0	6.50
56	D. F. Johnson	252	July 2, 1942	4.56	0.52	1.80	5.20	0.616	2.12	0.03	0	5.08
66	Frank Klekar	25	Oct. 9, 1942	7.24	0.90	1.55	5.30	0.347	6.23	0.01	1.36	8.14
72	Joe Sbrusch	366	Oct. 3, 1942	4.56	0.40	1.90	7.00	0.509	3.98	0.01	0	4.96
85	Dr. Frank Guenther	200	June 27, 1942	1.34	0.90	1.65	4.80	4.236	3.81	0.01	3.00	2.24
93	Mattie Johnson	46	July 20, 1942	10.74	8.06	2.15	0	19.25	11.28	0.04	5.90	18.80
106	Edward Morgan	285	June 26, 1942	0.20	0.12	2.00	6.40	2.772	1.89	0.05	0.10	0.32
119	Kasper Est.	180	July 20, 1942	8.68	4.14	2.50	3.50	14.63	9.53	0	0.03	12.82
137	Arnold Kruse	123	July 29, 1942	8.68	0.62	1.75	5.90	0.616	10.97	0.03	0	9.30
151	F. P. Schwarz	104	do.	10.32	0.32	1.90	5.80	2.002	5.19	0	2.82	10.64
170	Aug. Michalk	194	July 18, 1942	2.14	0.40	1.85	2.80	1.54	1.97	-	0.02	2.56
186	do.	100	July 24, 1942	1.72	0.32	1.90	3.60	1.155	2.37	0.01	0.13	2.04
203	The Texas Public Service Co. Sta. 3.	140	June 14, 1942	.90	.00	8.42	6.03	1.17	2.17	.02	.02	.59
213	Spears Dairy	347	do.	0.10	0.12	2.00	5.00	0.77	2.57	0.03	0.08	0.22
219	Henry Munke	234	July 3, 1942	5.04	1.02	1.55	5.00	0.539	3.15	0.03	0.02	6.06
238	Paul Wittich	333	do.	7.50	2.94	2.65	5.40	1.078	10.58	0.01	0	10.44
255	Mrs. Charley Brueggemann	165	July 16, 1942	1.92	0.32	1.90	6.70	0.17	1.41	0.01	0.01	2.24
269	Central Power & Light Co., No. 2	672	July 17, 1942	0.47	0.08	10.89	3.41	.54	2.48	0.01	0.00	.55
272	Frank F. Flesgel	75	do.	4.13	0.62	1.75	5.60	0.40	1.78	0.01	0.32	4.80
286	Mrs. Barbara Hohawitza	90	do.	4.52	0.32	1.90	5.00	0.19	0.37	0.01	0.48	4.84
298	Joe C. Tschiedel	170	July 3, 1942	6.88	0.50	1.35	6.70	0.33	0.51	0.01	0.34	7.38
319	F. J. Hruska	120	do.	6.54	3.14	2.55	6.90	3.85	16.64	0.02	0	9.68
326	City of Fayetteville	908	do.	0.23	0.04	10.44	8.75	.65	1.35	.01	.00	0.32



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

TEXAS BOARD OF  
WATER ENGINEERS  
IN COOPERATION WITH  
U. S. GEOLOGICAL SURVEY

### MAP OF FAYETTE COUNTY, TEXAS SHOWING LOCATION OF WATER WELLS



- EXPLANATION —
- WELL WITH HAND PUMP, BUCKET OR BAILER
  - ◊ WELL WITH WINDMILL OR SMALL POWER PUMP
  - ⊙ WELL WITH PUMPING PLANT — 5 HORSE POWER OR LARGER
  - ◇ UNUSED WELL
  - FLOWING WELL
  - ⋄ WELL DRILLED TO TEST FOR OIL OR GAS
  - Ⓡ U. S. HIGHWAY
  - Ⓣ STATE HIGHWAY