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FORT BEND COUNTY, TEXAS
(East of the Brazos River)

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

* * *

by

Penn Livingston and Samuel F. Turner

Mimeographed by
WORKS PROGRESS ADMINISTRATION
PROJECT 10443

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Prepared in cooperation with the United States
Department of the Interior, Geological Survey.

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Austin, Texas
April 10, 1939

FORT BEND COUNTY, TEXAS
(East of the Brazos River)

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Introduction
by
Samuel F. Turner
Associate Hydraulic Engineer
United States Department of the Interior
Geological Survey

This pamphlet contains records of wells in the eastern part of Fort Bend County, Texas, with tables of well logs, well water analyses, and a map which shows all the wells described, each well having a number on the map corresponding to the number assigned to it in the well tables.

The records were obtained in the course of an investigation which was undertaken as part of a statewide study of the underground water resources of Texas. The investigation was made by the State Board of Water Engineers, in cooperation with the U. S. Department of the Interior, Geological Survey. The field work was carried out by Penn Livingston and Samuel F. Turner of the Geological Survey. The analyses were made in the laboratory of the Geological Survey at Washington by Margaret D. Foster. The field tests were made in Houston by Samuel F. Turner.

The well records serve as a guide to land owners and well drillers who may need information regarding wells and pumping plants, the depth to ground water in different parts of the county and the quantity and quality of water yielded by wells. They afford a basis for the more intensive investigation which is now being made.

These records were typed and mimeographed by employees of Works Progress Administration Project 10443, which is sponsored by the Texas Board of Water Engineers in cooperation with the Geological Survey.

Records of wells in Fort Bend County, Texas
 (All wells are drilled unless otherwise noted in "Remarks" column.)
 (Principal water-bearing beds are sand or gravel.)

No.	Distance from Katy	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Principal water-bearing bed	
							Depth to top of bed (ft.)	Thickness (ft.)
1	11 miles southwest	Pecan Acres, Inc.	Layne-Texas Co.	1913	205	18	53 135	47 68
d/ 2	11½ miles southwest	S. A. & A. P. Ry.	--	--	900	--	--	--
3	13 miles southwest	J. H. Hinsch	Layne-Texas Co.	1909	371	24	248 327	43 31
4	14 miles southwest	A. F. Sager	do.	1909	361	24	110 282 308	161 25 43
e/ 5	8 miles southwest	Fulshear Gin Co.	Jean Davis	--	110+	4	100	10
6	6 miles southwest	P. V. Cook	Bud Southard	1930	596	16	--	--
7	5 miles southwest	C. C. Cardiff	Layne-Texas Co.	1925	653	24	115 282 339 570	85 33 70 65
8	3 miles southwest	Parker Est.	--	1900?	500+	--	--	--
d/ 9	2½ miles southwest	Thomas Caraway	Bud Southard	1925	174	26	--	--
e/ 10	2 miles southwest	W. E. Denny	--	1900?	160+	72	--	--
e/ 11	1¾ miles southwest	P. V. Cook	Bud Southard	1929	170+	28	--	--
12	½ mile west southwest	Stockdick Est.	--	--	--	18	--	--
e/ 13	1 mile southeast	L. G. Tucker	Layne-Texas Co.	1909	180	24	100 130	25 45
14	2 miles south	W. H. Weller	do.	1908	206	24	82 110	18 55
e/ 15	3¼ miles southwest	P. V. Cook	I. W. Lawson	--	172	24	--	--
e/ 16	4 miles southwest	C. C. Cardiff	C. R. Jensen	1925	337	24	115 184 214	62 20 57
17	5 miles south	H. L. Gordon	I. W. Lawson	1926	586	24	287 --	29 --
e/ 18	5¾ miles south	John Cope	do.	1928	723	26	132 197 343 683	58 15 25 30

a/ Bench mark is point from which water-level measurement was made and was usually top of casing, top of pump base, or top of water pipe clamp.

b/ T, turbine; J, jack; A, air; E, electric; G, gasoline engine (includes tractors); F, fuel oil engines; W, windmill; H, hand.

Records obtained by Penn Livingston and Samuel F. Turner
(See "Table of field tests" for tests of hardness, chloride and sulphate.)

No.	Height of bench mark above (+) ground (ft.) a/	Water level		Pump and kind and amount of power b/	Use of water c/	Remarks
		Below bench mark (ft.)	Date of measurement			
1	1	28.6	Sept. 11, 1931	W	D, S	Well formerly used to irrigate rice. Casing; 104 feet of 18-inch and 101 feet of 12-inch. Screens set at 59 to 103 and
2	--	--	--	--	RR	Railroad well at 145 to 202 feet. Simonton.
3	--	65f/	1909	None	N	Reported yield 900 gallons a minute. f/
4	--	56f/	1909	None	N	Reported yield 1,100 gallons a minute. f/ Casing; 77 feet of 24-inch and 283 feet of 9 5/8-inch. Screens set at 175 to 251, 270 to 291, and 310 to 348 feet.
5	--	--	--	J, E	Ind	Water in coarse gravel.
6	--	--	--	T, E, 50	I	Yield 1,110 gallons a minute. July 27, 1932.
7	2	64.8	Aug. 25, 1931	T, E, 25	I	Yield 410 gallons a minute, July 27, 1932. Casing; 90 feet of 24-inch, 108 feet of 12-inch, and 430 feet of 10-inch. Screens set at 137 to 198, 284 to 303, 344 to 365
8	0	48.0	Mar. 18, 1933	T, G, --	S	Well formerly and 583 to 624 feet. used to irrigate rice.
9	--	--	--	T, --, 30	D, S, I	Temperature 72° F. Yield 910 gallons a minute, August 12, 1932.
10	0	42.4	Sept. 29, 1932	None	N	Has two 8-inch wells drilled in bottom of 32-foot brick pit.
11	6	52.5	Mar. 18, 1933	T, E, --	I	Estimated yield 1,300 gallons a minute, June 11, 1931. Casing; 70 feet of 28-
12	1/2	25.0	Sept. 11, 1932	None	N	inch and 12-inch to bottom.
13	--	--	--	T, E, 30	I	Yield 820 gallons a minute, Sept. 20, 1932. Casing; 74 feet of 24-inch, and 109 feet of 11 5/8-inch. Screen set at
14	--	--	--	None	N	Well abandoned and 102 to 178 feet. filled. Had 50 feet of 24-inch casing and 121 feet of 11 5/8-inch casing. Screens set at 85 to 97, and 116 to 171
15	1/2	52.3	Mar. 24, 1931	T, E, 40	I	Temperature 72° F. Yield 780 feet. gallons a minute, Sept. 12, 1932.
16	1/2	53.7	Mar. 3, 1931	T, E, 60	I	Yield 1,250 gallons a minute, August 20, 1932. Temperature 73° F. Casing; 98 feet of 24-inch, 14 feet of 18-inch, 159 feet
17	--	--	--	T, E, 75	I	Yield of 12-inch and 66 feet of 6-inch. 1,330 gallons a minute, August 19, 1932. Casing; 100 feet of 24-inch, 140 feet of
18	1/2	49.2	Mar. 24, 1931	T, E, 125	I	Yield 12-inch and 346 feet of 8-inch. 1,800 gallons a minute, August 19, 1932. Temperature 73° F. Casing; 132 feet of 26-inch, 83 feet of 12-inch and 508 feet

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

d/ For analysis of water see under well number in table of analyses.

e/ See "Records of field tests" for partial analysis of water from this well.

f/ Reported by driller.

Records of wells in Fort Bend County--Continued

No.	Distance from Katy	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Principal water-bearing bed	
							Depth to top of bed (ft.)	Thickness (ft.)
e/ 19	4 $\frac{3}{4}$ miles south	R. Robertson	I. W. Lawson	1926	545	24	--	--
20	5 $\frac{3}{4}$ miles south southeast	L. Pauli	do.	1913	250	24	--	--
e/ 21	6 miles south	-- McDonald	--	Old	--	36	--	--
e/ 22	8 miles south	Mason Briscoe	Jean Davis	1927	137	2	--	--
d/ 23	9 miles south	G. Phillips	--	1919	70	3	--	--
e/ 24	10 $\frac{1}{2}$ miles south	Sugarland Ind.	J. Hobbs	1930	138	2	125	13
25	do.	do.	do.	1930	246	2	170	76
e/ 26	10 miles southeast	C. Pillot	Southern well Drilling Co.	1923	657	26	--	--
d/ 27	9 $\frac{1}{2}$ miles southeast	Southern Pacific Ry.	--	--	200	10	--	--
e/ 28	do.	-- Thomson	H. W. Veller	--	84	--	--	--

No.	Distance from Sugarland	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Principal water-bearing bed	
							Depth to top of bed (ft.)	Thickness (ft.)
d/ 51	10 $\frac{1}{2}$ miles west southwest	Southern Pacific Ry.	Layne-Texas Co.	1913	351	16	282	69
52	1 $\frac{1}{2}$ miles west	Central State farm	J. Hobbs	1930	257	2	235	22
53	At Sugarland	Sugarland Ind.	Layne-Texas Co.	1921	1,049	8	8 144	91 110
e/ 54	do.	do.	do.	1920	1,606	24	1,505	79
55	do.	do.	do.	1922	604	16	291 425 497	61 35 30
56	do.	do.	J. Hobbs	1916	715	16	531 571 499	34 30 83
57	$\frac{1}{2}$ mile east southeast	do.	do.	1931	258	2	583 648	56 61
58	3 $\frac{1}{2}$ miles southeast	do.	do.	1931	353	2	234 296	24 57
59	do.	do.	do.	1931	160	2	151	9

a/ Bench mark is point from which water-level measurement was made and was usually top of casing, top of pump base, or top of water pipe clamp.

b/ T, turbine; J, jack; A, air; E, electric; G, gasoline engine (includes tractors); F, fuel oil engines; W, windmill; H, hand.

Penn Livingston and Samuel F. Turner

No.	Height of bench mark above (+) ground (ft.) a/	Water level		Pump and kind and amount of power b/	Use of water c/	Remarks
		Below bench mark (ft.)	Date of measurement			
19	0	34.5	Mar. 24, 1931	T,E, 75	I	Temperature 73° F. Casing; 100 feet of 24-inch, also 10 and 6-inch.
20	3½	48.8	June 11, 1931	T,E, 30	I	Also 10-inch casing.
21	½	39.9	Mar. 24, 1931	T,E, 40	I	Temperature 72° F.
22	--	--	--	J,W,E	D,S	¾ mile northeast of Foster.
23	--	--	--	J,W	D,S	At Foster.
24	--	27f/	1930	J,H	D,S	1½ miles southwest of Foster. f/
25	--	27f/	1930	J,H	D	1½ miles southwest of Foster.
26	--	--	--	T,F, 100	D,S,I	Casing; 82 feet of 26-inch to bottom. 220 feet of screen.
27	--	--	--	--	RR	At Clodine.
28	½	26.0	Sept. 3, 1931	J,H	D,S	Do.

No.	Height of bench mark above (+) ground (ft.) a/	Water level		Pump and kind and amount of power b/	Use of water c/	Remarks
		Below bench mark (ft.)	Date of measurement			
51	--	32f/	1913	A,F, 50	RR	At Rosenberg, Casing; 351 feet of 16-inch. Screened at 281 to 341 feet. Reported yield, 400 gallons a minute in 1913. f/
52	--	19.5 f/	Oct. 23, 1930	J,-	D,S	
53	--	--	--	T,E, 125	Ind	Casing; 737 feet of 8-inch. Screens set at 5 to 84 and 167 to 249 feet.
54	--	2f/	1920	T,E, 100	D	Casing; 92 feet of 24-inch, 1,400 feet of 10-inch and 61 feet of 8-inch screen.
55	--	--	--	T,E, 50	Ind	Casing; 88 feet of 16-inch, and 522 feet of 8-inch. Screens set at 293 to 353, 439 to 460, 505 to 527, 543 to 565 and
56	--	--	--	None	N	Casing; 93 feet of 16-inch, 501 feet of 8-inch and 147 feet of 6-inch. Screens set at 573 to 600 feet, 609 to 712 feet.
57	--	17f/	July 16, 1931	J,H	D,S	
58	--	13f/	July 9, 1931	J,H	D,S	
59	--	16f/	June 27, 1931	J,H	D,S	

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

d/ For analysis of water see under well number in table of analyses.

e/ See "Records of field tests" for partial analysis of water from this well.

f/ Reported by driller.

Records of wells in Fort Bend County--Continued

No.	Distance from Sugarland	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Principal water-bearing bed	
							Depth to top of bed (ft.)	Thickness (ft.)
60	3 $\frac{3}{4}$ miles east	Captain Brooks	Layne-Texas Co.	1927	273	12	159 241	34 32
61	6 miles east	Jim Goodwin	J. Hobbs	--	298	2	278	20
e/ 62	do.	E. R. Robinson	-- Patterson	--	43	2	--	--
e/ 63	6 $\frac{1}{2}$ miles east	C. Bigby	J. W. Jackson	1931	320	6	--	--
64	do.	Balke Elec. Co.	Layne-Texas Co.	1927	297	6	260	37
d/ 70	8 $\frac{1}{2}$ miles east	State of Texas	--	1921	240	4	--	--
d/ 71	8 miles east southeast	Sinclair-Prairie Oil Co.	--	1931	285	6	--	--
d/ 72	do.	R. C. Duff	--	1922	60 \pm	2 $\frac{1}{2}$	--	--
d/ 73	do.	Walter Adams	Ruse Patterson	1923	70 \pm	2	--	--
d/ 74	9 miles east southeast	State of Texas	--	1930	304	5	--	--
d/ 75	10 miles east southeast	Gulf Pipe Line Co.	--	1920	800 \pm	6	--	--
e/ 90	12 miles southeast	G. C. & S. F. Ry.	Layne-Texas Co.	1925	509	10	104 237 460	27 -- 46
91	13 miles southeast	House Est.	--	--	1,300 \pm	--	--	--
92	do.	do.	--	--	1,300 \pm	--	--	--

a/ Bench mark is point from which water-level measurement was made and was usually top of casing, top of pump base, or top of water pipe clamp.

b/ T, turbine; J, jack; A, air; E, electric; G, gasoline engine (includes tractors); F, fuel oil engines; W, windmill; H, hand.

Penn Livingston and Samuel F. Turner

No.	Height of bench mark above (+) ground (ft.) <u>a/</u>	Water level		Pump and kind and amount of power <u>b/</u>	Use of water <u>c/</u>	Remarks
		Below bench mark (ft.)	Date of measurement			
60	--	18.5 <u>f/</u>	July 7, 1927	T, -	N	Casing; 110 feet of 12-inch and 174 feet of 8-inch. Screens set at 159 to 192, and 247 to 269 feet. Reported yield, 225 gallons a minute, July 7, 1927. <u>f/</u>
61	--	--	--	J, H	D	12 feet of 2-inch screen set at bottom. $\frac{1}{2}$ mile southeast of Missouri City.
62	1	17.0	Sept. 4, 1931	J, E	D, S	At Missouri City.
63	--	--	--	T, E, 15	Ind	Well used to supply water to lake at Loma Linda.
64	--	--	--	T, E, 1/3	D	Casing; 67 feet of 6-inch and 228 feet of 4-inch. Screen set at 274 to 296 feet.
70	--	--	--	A, E, --	D, S	Three miles east-southeast of Missouri City. Prison Camp No. 2.
71	--	--	--	J, -	D, S, Ind	Three miles southeast of Missouri City.
72	--	--	--	J, H	S	Do.
73	--	--	--	J, H	D, S	Do.
74	--	--	--	J, E, 10	D, S	Four miles southeast of Missouri City, Prison Camp No. 1.
75	--	--	--	A, -	D, S	Five miles southeast of Missouri City.
90	--	18 <u>f/</u>	1925	J, F, --	RR, D	At Duke. Casing; 271 feet of 10-inch. Screens set at 109 to 130 and 232 to 271 feet. Water from 460-foot stratum was
91	0	10.3	Apr. 10, 1931	None	N	Formerly used to supply sugar mill. <u>not good for boilers.</u>
92	0	10.5	do.	None	N	Do.

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

d/ For analysis of water see under well number in table of analyses.

e/ See "Records of field tests" for partial analysis of water from this well.

f/ Reported by driller.

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Records of field tests of samples from wells in Fort Bend County, Texas
(Analyzed by Samuel F. Turner. Parts per million. For records
of wells see corresponding numbers in well tables.)

Well No.	Owner	Date of collection	Depth of well (ft.)	Hardness as CaCO ₃ a/	Chloride (Cl)	Sulphate (SO ₄) b/
5	Fulshear Gin Co.	-	110±	280	110	5
9	Thomas Caraway	Mar. 18, 1933	174	200	80	3
11	P. V. Cook	do.	170±	200	85	5
13	L. G. Tucker	-	180	220	60	-
15	P. V. Cook	Mar. 24, 1931	172	200	85	5
16	C. C. Cardiff	Mar. 3, 1931	337	190	85	5
18	John Cope	Mar. 24, 1931	723	200	95	10
19	R. Robertson	do.	545	190	60	10
21	-- McDonald	do.	-	160	60	5
22	Mason Briscoe	-	137	250	100	15
23	G. Phillips	-	70	400	360	10
26	C. Pillot	-	657	210	70	5
28	-- Thompson	Sept. 3, 1931	84	210	95	5
54	Sugarland Ind.	-	1,606	80	-	6
62	E. R. Robinson	Sept. 4, 1931	43	230	70	5
63	C. Bigby	-	320	230	95	5
90	G. C. & S. F. R.R.	-	509	270	60	15

a/ Hardness as calcium carbonate by the soap method.

b/ Sulphate by turbidity method and may be as much as 25 per cent in error.

Analyses of water from wells in Fort Bend County, Texas

Well No.	Owner	Date of collection	Depth of well (ft.)	Total dissolved solids (c lc.)	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)
2	S. A. & A. P. R.R.	May 14, 1931	900	-	14	2/2.6	47	4.9
9	Thomas Caraway	Aug. 8, 1933	174	317	-	0.04	74	8.7
23	G. Phillips	Aug. 7, 1933	70	-	-	-	-	-
27	S. P. R.R.	May 14, 1931	200	-	20	2/3.4	77	6.5
51	do.	May 5, 1931	351	541	15	2/1.5	85	11
70	State of Texas	Aug. 16, 1933	240	340	-	0.02	56	17
71	Sinclair Prairie Oil Co.	Aug. 15, 1933	285	328	-	0.08	44	11
72	R. C. Tuff	do.	60	-	-	-	-	-
73	Walter Adams	do.	70	-	-	-	-	-
74	State of Texas	do.	304	775	-	0.04	9.3	2.9
75	Gulf Pipe Line Co.	do.	800	-	-	-	-	-

1/ Sum of constituents reported.

(Parts per million. Well numbers correspond to numbers in table of records of wells.)

Well No.	Sodium and Potassium (Na-K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate	Total hardness as CaCO ₃	Analyst
2	-	222	-	38	0.23	138	C. S. Wilson
9	39	262	3.8	62	0.2	221	Margaret D. Foster
23	-	360	11	242	6.0	402	Do.
27	-	294	-	50	0.23	219	C. S. Wilson
51	103	292	19	160	Trace	258	Do.
70	55	279	13	62	0	210	Margaret D. Foster
71	72	277	15	49	0.1	155	Do.
72	-	552	15	120	1.1	222	Do.
73	-	422	16	48	0	312	Do.
74	302	378	17	257	0.53	35	Do.
75	-	366	24	248	0.3	81	Do.

2/ Iron and aluminum oxides.

Public of Drillers' Logs, Fort Bend County, Texas

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 1</u>		
Pecan Acres, Inc., owner.		
Clay - - - - -	43	43
Fine sand - - - - -	10	53
Coarse sand - - - - -	47	100
Clay - - - - -	12	112
Rock - - - - -	1	113
Fine sand - - - - -	4	117
Rock - - - - -	1	118
Fine sand - - - - -	3	121
Rock - - - - -	1	122
Clay - - - - -	13	135
Medium coarse sand - - - - -	68	203
Gumbo - - - - -	2	205

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 3</u>		
J. H. Hinsch, owner.		
Clay - - - - -	52	52
Sand - - - - -	24	76
Caving clay - - - - -	44	120
Fine sand - - - - -	122	242
Clay and gravel - - - - -	6	248
Gravel - - - - -	21	269
Sand - - - - -	22	291
Clay - - - - -	3	294
Sand - - - - -	4	298
Sand and rock - - - - -	16	314
Gravel and clay - - - - -	13	327
Gravel - - - - -	20	347
Sand - - - - -	11	358
Clay and gumbo - - - - -	13	371

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 7</u>		
C. C. Cardill, owner.		
Surface - - - - -	3	3
Clay - - - - -	42	45
Sand - - - - -	65	110
Clay - - - - -	5	115
Sand - - - - -	60	175
Sand and gravel - - - - -	25	200
Rock - - - - -	3	203
Clay - - - - -	14	217
Sand with streaks of rock - - - - -	55	272
Rock - - - - -	10	282
Coarse sand - - - - -	33	315
Fine sand - - - - -	16	331
Clay - - - - -	8	339
Sand - - - - -	70	409
Clay - - - - -	10	419
Rock - - - - -	1	420
Hard packed sand - - - - -	18	438
Rock - - - - -	2	440
Sand - - - - -	8	448
Clay - - - - -	92	540
Rock - - - - -	2	542
Clay - - - - -	18	560

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 7--Continued</u>		
Sand - - - - -	10	570
Sand and gravel - - - - -	65	635
Clay - - - - -	18	653

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 13</u>		
L. G. Tucker, owner.		
Soil - - - - -	3	3
Clay - - - - -	53	56
Fine sand - - - - -	14	70
Clay - - - - -	30	100
Fine sand - - - - -	15	115
Coarse sand - - - - -	10	125
Soft rock - - - - -	5	130
Gravel - - - - -	45	175
Clay - - - - -	5	180

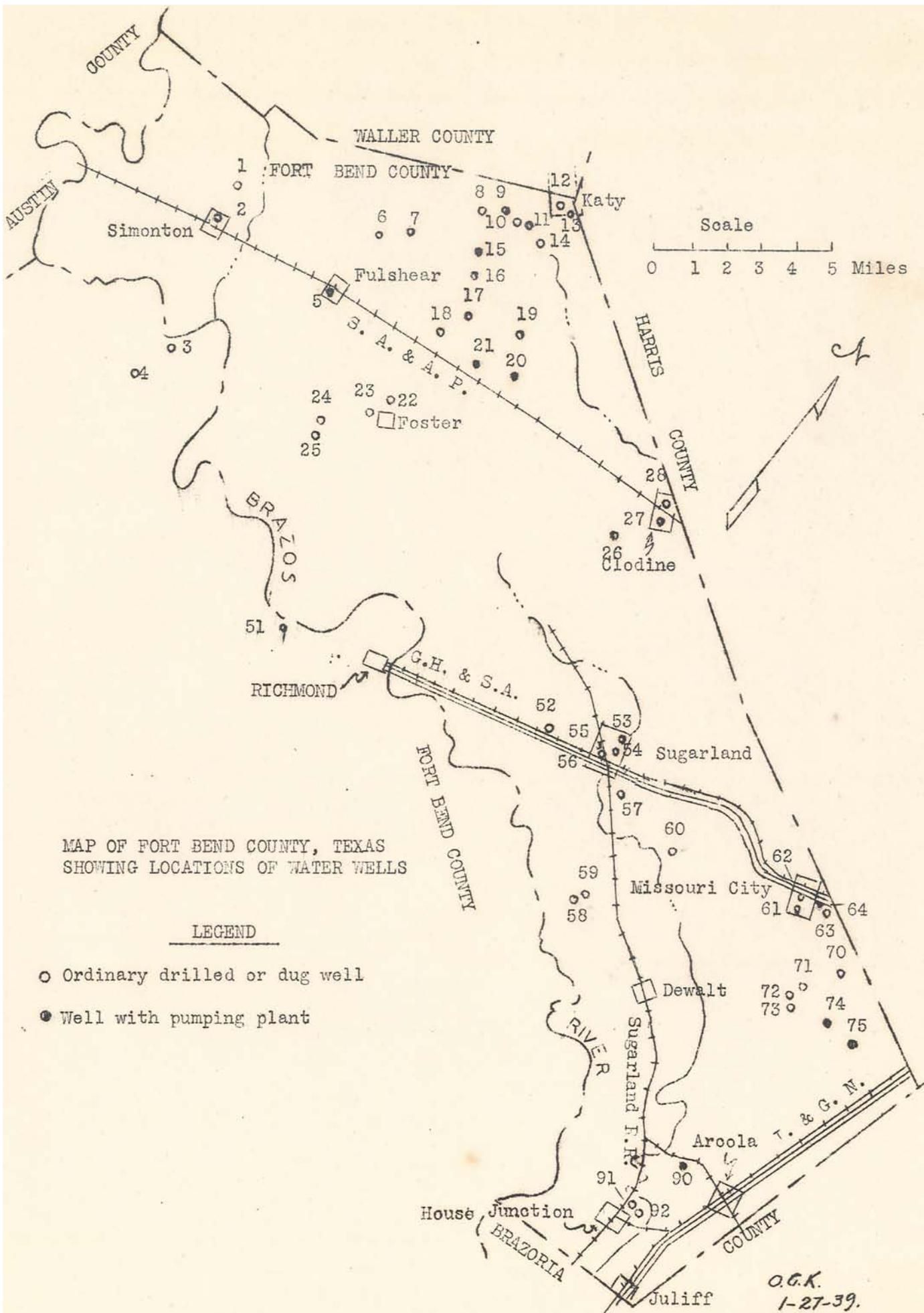
	Thickness (feet)	Depth (feet)
<u>Driller's log of well 51</u>		
Southern Pacific Railway, owner.		
Red clay - - - - -	30	30
Quick sand - - - - -	9	39
Red clay - - - - -	20	59
Red sand - - - - -	30	89
Sand rock - - - - -	4	93
Coarse red sand - - - - -	22	115
Red clay - - - - -	46	161
Coarse sand and gravel - - - - -	44	205
Blue gumbo - - - - -	37	242
Medium fine sand - - - - -	40	282
Coarse sand - - - - -	40	322
Coarse sand and gravel - - - - -	29	351

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 53</u>		
Sugarland Industries, owner.		
Artificial fill - - - - -	8	8
Sand - - - - -	12	20
Soft clay - - - - -	3	23
Sand - - - - -	27	50
Packed sand - - - - -	4	54
Sand - - - - -	45	99
Packed sand - - - - -	6	105
Sand - - - - -	32	137
Clay - - - - -	7	144
Sand - - - - -	40	184
Clay - - - - -	21	205
Sand - - - - -	49	254
Clay - - - - -	3	257
Sand - - - - -	28	285
Gumbo - - - - -	15	300
Sand - - - - -	75	375
Clay - - - - -	15	390
Sand - - - - -	15	405
Clay - - - - -	10	415
Sand - - - - -	46	459
Clay - - - - -	5	464

(Continued on next page)

Table of Drillers' Logs, Fort Bend County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
<u>Driller's log of well 53--Continued</u>				<u>Driller's log of well 93</u>			
Sand	-	-	12	476	G. C. & S. Ry, owner.		
Clay	-	-	9	485	Black clay	-	6
Sand	-	-	83	568	Yellow clay	-	4
Clay	-	-	9	577	Red sandy clay	-	2
Sand	-	-	27	604	Red clay	-	18
Gumbo	-	-	17	621	Fine red sand	-	12
Sand and gravel	-	-	16	637	Fine yellow sand	-	33
Rock	-	-	1	638	Coarse sand	-	3
Sand	-	-	9	647	White clay	-	6
Clay	-	-	5	652	Fine red sand	-	2'
Sand	-	-	81	735	Red sand, water	-	27
Tough gumbo	-	-	6	739	Clay	-	5
Soft clay	-	-	22	761	Red sandy clay	-	11
Gumbo	-	-	11	772	Red clay	-	9
Clay	-	-	6	778	Sandy clay	-	6
(bottom of well in 1931)					Lime rock	-	2
Gumbo and boulders	-	-	5	783	Red clay	-	23
Gumbo	-	-	39	822	Hard black shale	-	13
Clay and boulders	-	-	8	830	Hard pack sand	-	30
Rock	-	-	2	832	Sandstone	-	1
Clay and boulders	-	-	13	845	Hard pack sand water	-	34
Rock	-	-	2	847	Hard shale	-	19
Clay and boulders	-	-	17	864	Soft shale	-	16
Gumbo and boulders	-	-	2	866	Blue clay	-	16
Gumbo	-	-	19	885	Black shale	-	10
Sand rock	-	-	2	887	Pack sand	-	6
Sand	-	-	4	891	Tough blue clay	-	14
Rock	-	-	3	894	Soft clay	-	3
Sand with hard layers	-	-	16	910	Blue clay	-	8
Yellow clay	-	-	6	916	Hard fine sand	-	5
Sand with hard layers	-	-	35	951	Soft clay	-	4
Clay and boulder	-	-	2	953	Gumbo	-	34
Clay	-	-	25	978	Sandy shale	-	20
Sand rock	-	-	2	980	Gumbo	-	32
Clay and boulder	-	-	12	992	Coarse sand	-	26
Sand and gravel	-	-	42	1034	Hard sand	-	2
Clay	-	-	15	1049	Coarse sand	-	18
					Clay	-	3
<u>Driller's log of well 64</u>							
Baltic Electric Company, owner.							
Clay	-	-	15	15			
Sand	-	-	9	24			
Clay	-	-	14	38			
Sand	-	-	12	50			
Limestone	-	-	12	62			
Clay	-	-	98	160			
Shale	-	-	2'	180			
Clay	-	-	25	205			
Sand	-	-	7	212			
Clay	-	-	48	260			
Sand	-	-	37	297			



MAP OF FORT BEND COUNTY, TEXAS
SHOWING LOCATIONS OF WATER WELLS

LEGEND

- Ordinary drilled or dug well
- Well with pumping plant

O.G.K.
1-27-39.