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TRAVIS COUNTY, TEXAS

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

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

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TRAVIS COUNTY, TEXAS

Introduction

by

W. O. George, J. C. Cumley and C. R. Follett

This release contains records of 575 wells, drillers' logs of 70 wells, and results of chemical analyses of water from 546 wells and springs in Travis County, Texas. Most of these records were obtained by the writers from 1937 to 1940 as a part of a state-wide program of ground-water investigations in Texas by the State Board of Water Engineers in cooperation with the United States Department of the Interior, Geological Survey. A part of the work, particularly the drilling of shallow test holes, was done in cooperation with the Work Projects Administration. Some of the chemical analyses, also, were made by the Work Projects Administration at The University of Texas under the direction of Dr. E. P. Schoch, Director, Bureau of Industrial Chemistry, and E. W. Lohr, Chemist, Quality of Water Division, Federal Geological Survey.

The wells of Travis County draw from water-bearing limestones, sands, and gravels, ranging in age from Lower Cretaceous to Recent. The relation of the geology to the occurrence of ground water in the county is discussed in the following reports:

U. S. Department of the Interior, Geological Survey, Geologic Atlas, Austin, Tex. folio (no. 76), by R. T. Hill and T. W. Vaughan, 1902.

U. S. Department of the Interior, Twenty-first Annual Report of the Geological Survey, pt. VII, Geography and geology of the Black and Grand Prairies, Tex., with detailed descriptions of the Cretaceous formations and special reference to artesian waters, by R. T. Hill, 1901.

U. S. Department of the Interior, Eighteenth Annual Report of the Geological Survey, pt. I, pp. 193-322, Geology of the Edwards Plateau and Rio Grande Plain adjacent to Austin and San Antonio, Tex., with reference to the occurrence of underground waters, by R. T. Hill and T. W. Vaughan, 1896-97.

Texas University Bulletin, Bureau of Economic Geology, Mineral resources of Travis County, Tex., pp. 41-68, by E. H. Sellards, 1930.

Nearly all of the ranches, farms, and small communities of Travis County are supplied with water from wells or springs. Public supplies are obtained partly or wholly from wells in three communities, as follows:

Austin (population 87,930 in 1940):- Most of the water supply of Austin is obtained from the Colorado River. Three of the municipal swimming pools are supplied from wells or springs, the Stacy pool being supplied from a well 2,246 feet in depth (no. 697), the Deep Eddy pool from three shallow wells in the gravel along the river (nos. 457-459), and the large pool in Zilker Park from Barton Springs, one of the large springs of the state. A swimming pool at the State School for the Feeble Minded is supplied from a shallow well (no. 439). A part of the water used in the State Hospital for the Insane is obtained from a well 1,975 feet in depth (no. 333). Five miles northeast of the Capitol, beyond the city limits of the city water mains, two wells about 450 feet in depth (nos. 343 and 344) supply a suburban population of about 250 families. Four and one-half miles southwest of the Capitol a well 280 feet in depth (no. 482) furnishes water to a small suburban community.

Pflugerville:- This small unincorporated town is supplied with an average of about 20,000 gallons a day from two privately-owned wells, one 695 feet and the other 650 feet in depth (nos. 785 and 783 respectively).

Manor (population 688 in 1940):- Manor obtains water from a city-owned well (no. 853) about 3,000 feet deep. The well is reported to have a flow of about 110 gallons a minute.

These records serve as a guide to land owners, 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 the wells. They afford a basis for the more intensive investigation that is now being carried on by the State Board of Water Engineers in cooperation with the Federal Geological Survey.

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.

This release was typed in part by typists employed on Work Projects Administration Project No. 17276.

Records of wells and springs in Travis County, Texas

No.	Distance from Mansfield Dam	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
1	15 $\frac{1}{2}$ miles northwest	J. L. Turner	--	Creek valley	Old	--	5	--
2	13 $\frac{1}{2}$ miles northwest	T. L. LaRue	--	do.	--	53	--	0.7
3	13 miles northwest	Mrs. Minnie Henry	John Heine	do.	Old	49	6	1.0
4	12 miles northwest	Howard Varner	Hudson & Williams	do.	1920?	52	48	1.0
5	11 $\frac{1}{2}$ miles northwest	H. P. Hensel	--	do.	Old	--	--	--
6	10 $\frac{3}{4}$ miles northwest	do.	--	--	-- Spring	--	--	--
7	8 $\frac{1}{2}$ miles northwest	Walter Briggs	--	Creek valley	1925?	133	8	1.2
8	9 $\frac{1}{4}$ miles north	N. O. Turner	--	do.	1910?	127	8	2.0
9	9 $\frac{1}{2}$ miles northwest	Travis County	Felix Berry	do.	1934?	56	--	--
10	9 $\frac{1}{2}$ miles northwest	A. D. Alley	--	Hillside	Old	90	5	1.2
11	do.	J. K. Petty	Arnold Insell	do.	1915?	428	6	--
12	10 $\frac{3}{4}$ miles north	Mrs. W. D. Fulkes	do.	do.	1916?	448	8	0.5
13	11 miles northwest	do.	Henry Whitehead	Creek valley	1939	111	6	0.6
14	11 $\frac{1}{2}$ miles northwest	Mrs. Blanche G. Doughtery	Arnold Insell	Hilltop	1912?	425	8	0.3
15	do.	do.	do.	Hillside	1900?	140	8	--
16	12 miles northwest	do.	P. F. Griffin	do.	1921	789	--	--
17	do.	do.	Arnold Insell	do.	1910?	425	8	0.5
18	do.	do.	--	do.	1919	1,900+	--	--
19	2 miles north	Travis County	Henry Whitehead	Ridgetop	--	100+	--	--
20	11 $\frac{1}{2}$ miles north	Miss Leona Williamson	--	do.	Old	200+	--	--
21	12 $\frac{3}{4}$ miles north	Mrs. Roberta Farrell	Arnold Insell	Hillside	1910?	72	6	1.2
22	14 $\frac{1}{4}$ miles north	Jerry Barton	Ree Simmons	Ridgetop	--	300	--	--
23	14 $\frac{1}{2}$ miles north	D. W. Huddleston	Henry Whitehead	Gentle slope	1910?	100+	6	0.5
24	do.	do.	--	do.	Old	25	36	3.0

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

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

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

All wells are drilled unless otherwise noted in Remarks column

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
1	--	--	C,W	D,S	
2	45.38	Nov. 12, 1940	C,H	D,S	
3	43.97	do.	B,H	D,S	Cased to bottom.
4	32.15	do.	B,H	D,S	Dug to 30 feet, 7-inch drilled hole from 30 feet to bottom. No casing.
5	--	--	C,W	D,S	Bank of creek. Dug well.
6	--	Nov. 12, 1940	--	D,S	Estimated flow 10 gallons a minute from conglomerate. Reported not to have failed in 75 years.
7	45.59	Nov. 4, 1940	B,H	D,S	Cased to 45 feet. Temperature 70° F.
8	18.92	Nov. 6, 1940	B,H	D,S	Cased to 3 feet.
9	--	--	C,H	F	Supplies Fairview School.
10	71.19	Nov. 6, 1940	B,H	D,S	Cased to 6 feet. Supply reported rather small.
11	275	e/ 1940	C,W	D,S	Galvanized iron casing. Water from sand.
12	58.76	Nov. 6, 1940	C,W	D,S	Cased to 10 feet.
13	31.97	Nov. 4, 1940	B,H	D,S	
14	116.75	Nov. 7, 1940	C,W	D,S	
15	--	--	C,W	D,S	
16	--	--	None	N	Oil test. See log.
17	91.49	Nov. 7, 1940	C,W	S	Known as Hawks Nest well.
18	--	--	C,W	D,S	No casing. Drilled as oil test. Plugged at about 400 feet.
19	--	--	C,H	F	Supplies Round Mountain School.
20	--	--	C,W	D,S	
21	28.97	Nov. 6, 1940	B,H	D,S	Cased to 4 feet.
22	--	--	C,W	D,S	
23	85.01	Nov. 6, 1940	C,H	D,S	No casing.
24	12.02	do.	B,H	D,S	Dug well. Cased to 7 feet. Reported to fail during droughts.

d/ No water sample collected for analysis.

e/ Water level reported.

Records of wells and springs in Travis County--Continued

No.	Distance from Mansfield Dam	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
d/ 35	9 miles northeast	H. H. Trammel	--	Hillside	Old	191+	--	--
36	8 miles northeast	John Q. Gaincs	Arnold Insell	do.	Old	300+	--	0.6
37	8½ miles north	Frank Hart	Marshall & Toungate	In valley	Old	280	6	2.2
38	do.	B. Gardner	Williams & Haydon	Creek valley	1910?	312	6	0
39	8½ miles north	do.	--	do.	1920?	52	8	1.5
40	8 miles north	Jones & Crumley	--	do.	Old	77	8	1.3
41	8½ miles north	Humbles & Chapman	--	--	-- Spring	--	--	--
42	7 miles north	Jones Bros.	--	Creek valley	Old	200+	6	0.4
43	5½ miles northwest	Q. C. Taylor	--	Head of ravine	-- Spring	--	--	--
44	6 miles northwest	S. C. Pearson	S. W. Glass	Hilltop	1938	422	6	--
✓ 46	7 miles northwest	Lower Colorado River Authority	--	--	-- Spring	--	--	--
47	7½ miles northwest	do.	--	--	Old	41	6½	1.2
✓ 48	do.	do.	--	River valley	--	67	7	0.9
49	8½ miles northwest	do.	--	do.	Old	61	6	1.5
50	9½ miles northwest	Jeff D. Singleton	John Heine	Ridge-top	1910?	64	7	1.2
51	10¼ miles northwest	D. L. Singleton	D. L. Singleton	Creek bank	1920?	8	48	1.0
52	do.	Dillard Singleton	Robert Kennedy	--	1937?	75	5	2.0
53	11 miles northwest	Hulbert Carpenter	--	River terrace	--	70	--	1.0
54	11¾ miles northwest	J. L. Carpenter	--	--	--	40	8	1.0
d/ 55	do.	do.	--	River terrace	--	125	--	1.5
56	12 miles northwest	Riley Gouricy	--	In valley	--	20	6	1.2
57	12¼ miles northwest	George Lester	--	--	-- Spring	--	--	--
58	13½ miles northwest	Joe Strickland	--	Gentle slope	Old	75+	--	--
59	13½ miles northwest	do.	--	Creek valley	Old	84	--	--
60	do.	do.	--	do.	--	20	36	0.2
71	10½ miles northwest	G. W. Wood	Alva Hayden	River terrace	1923	63	5	0.5

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
35	--	--	C,W	D,S	
36	68.16	Nov. 6, 1940	C,W	D,S	
37	11.05	do.	B,H	D,S	Cased to 16 feet.
38	2	Nov. 4, 1940	Flows	D,S	Cased to 8 feet. Flows 1 gallon a minute. Temperature 70° F.
39	7.72	do.	B,H	D,S	
40	46.20	do.	B,H	D,S	Cased to 3 feet.
41	--	do.	None	D,S	Wall of canyon. Estimated flow $\frac{1}{2}$ gallon a minute from limestone.
42	105.74	do.	B,H	D,S	
43	--	Nov. 6, 1938	None	S	Estimated flow 2 gallons a minute from limestone. Known as Devil's Hollow spring. Temperature
44	342	e/ 1938	--	--	Reported 80 foot drawdown after bailing 74° F. 5 gallons a minute for 40 minutes. See log.
46	--	Nov. 9, 1938	None	S	In ravine. Estimated flow 200 gallons a minute from crevice in limestone. Flow reported to vary
47	27.89	Nov. 14, 1940	C,H	D,S	but little.
48	44.25	do.	B,H	D,S	Cased to 20 feet.
49	40.62	do.	B,H	D,S	
50	58.71	Nov. 12, 1940	B,H	D,S	No casing. Supply reported rather small.
51	4.27	do.	B,H	D,S	Dug well. No casing.
52	21.79	do.	B,H	D,S	Cased to bottom. Plugged at 50 feet above a cavity.
53	46.9	Oct. 10, 1938	C,W	S	
54	19.84	do.	B,H	D	Cased to 7 feet.
55	23.35	do.	C,W	--	
56	11.80	Nov. 14, 1940	C,H	D,S	
57	--	Nov. 12, 1938	None	D,S,I	Near creek. Estimated flow, $\frac{1}{2}$ gallon a minute from alluvium overlying limestone. Temperature
58	--	--	C,H	D,S	75° F.
59	--	--	C,H,W	D,S	
60	3.50	Nov. 14, 1940	B,H	D,S	Dug well.
71	21.44	Oct. 10, 1938	B,H	D,S	

Records of wells and springs in Travis County--Continued

No.	Distance from Mansfield Dam	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
72	10 $\frac{1}{2}$ miles northwest	H. Carpenter	Robert Kennedy	Ridge-top	1937	200	6	--
73	9 $\frac{3}{4}$ miles west	W. H. Grizzard	--	--	-- Spring	--	--	--
74	8 $\frac{3}{4}$ miles west	F. A. Collier	S. W. Glass	Hilltop	1930?	100	6	--
75	8 $\frac{1}{2}$ miles northwest	do.	--	Gentle slope	Old	39	6	0.5
d/ 76	7 $\frac{3}{4}$ miles northwest	Max Rosenbush	Max Rosenbush	River terrace	--	45	6	0.5
d/ 77	do.	do.	Henry Hudson	do.	1915	100	6	--
d/ 78	6 $\frac{1}{2}$ miles northwest	M. M. Bonnett	--	do.	--	52	6	2.0
79	5 $\frac{1}{4}$ miles northwest	J. G. Puryear	W. Watson	Hilltop	--	280	6	1.0
80	4 $\frac{1}{2}$ miles northwest	Pool & Sherman	--	--	-- Spring	--	--	--
81	do.	do.	--	Hilltop	--	175+	6	0.5
82	3 $\frac{1}{2}$ miles northwest	State of Texas	--	--	-- Spring	--	--	--
84	3 $\frac{1}{4}$ miles west	Oscar Collier	Oscar Clemmens	High terrace	1928	266	--	--
d/ 85	do.	do.	do.	do.	--	85+	--	2.0
86	1 $\frac{1}{2}$ miles northwest	B. A. Steinhagen	Bob Johnson	Hilltop	1939	608	5	1.0
87	do.	F. W. Sternenberg	--	--	1939	785	--	--
d/ 88	1 $\frac{3}{4}$ miles northwest	Burgess Haydon	A. C. Clements	High terrace	1919	386	--	1.0
89	2 miles northwest	do.	Hanuah & Houston	do.	1898	202	--	1.1
d/ 90	4 $\frac{1}{8}$ miles north	Dodd & Reed	F. S. Berry	Hill-side	1939	440	--	--
91	3 $\frac{1}{2}$ miles north	do.	do.	Gentle slope	1938	370+	--	--
92	3 miles north	do.	do.	Hilltop	1939	440	--	--
d/ 93	do.	do.	do.	Hill-side	1939	390	--	--
d/ 94	3 $\frac{1}{2}$ miles northeast	H. R. Dyke	--	--	1940	452	6	--
95	3 $\frac{1}{2}$ miles northeast	Lower Colorado River Authority	--	--	-- Spring	--	--	--
96	4 miles northeast	do.	--	--	-- Spring	--	--	--
97	4 $\frac{1}{2}$ miles northeast	W. J. Harrell Est.	R. L. Harrell	Creek valley	--	16	--	0

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
72	75	e/ 1940	C,G	D,S	Steel casing, perforated near bottom.
73	--	Oct. 28, 1938	None	D,S	At head of ravine. Estimated flow 1 gallon a minute from porous limestone. Known as ZZ Ranch spring.
74	70	e/ 1940	C,H	D,S	No casing.
75	30.28	Nov. 14, 1940	B,H	D,S	Cased to 16 feet.
76	35.05	Nov. 5, 1938	B,H	D,S	
77	--	--	C,G	D,S	Cased to 16 feet.
78	45.26	Nov. 4, 1938	B,H	D	Cased to 14 feet.
79	175.79	Oct. 25, 1938	B,H	D,S	
80	--	Nov. 1, 1938	None	D	In deep ravine. Estimated flow $\frac{1}{2}$ gallon a minute from limestone. Known as Cox Hollow spring. Temperature 74° F.
81	169.5	Nov. 4, 1938	C,H	D,S	
82	--	Nov. 1, 1938	None	D,S	In deep ravine. Estimated flow $\frac{1}{2}$ gallon a minute from limestone. Known as Sheep spring. Temperature 72° F.
84	--	--	C,W	D,S	
85	75.67	Oct. 13, 1938	None	N	Obstruction at 85 feet.
86	220.5	Nov. 3, 1939	C,E	D	Drawdown reported 3 feet after well was bailed at 40 gallons a minute for 3 minutes. Water from sand at 575-608 feet, and from limestone at 385 feet.
87	--	--	--	--	
88	272.2	June 21, 1939	C,G, 2	D	Supply reported rather small.
89	102.45	do.	B,H	D	
90	--	-- 1940	C,H	N	Drilled to supply Dodd City when needed.
91	--	-- 1940	C,G, $1\frac{1}{2}$	D,S	Do.
92	--	-- 1940	C,G	P	Supplies Dodd City. Cased to 340 feet.
93	--	-- 1940	C,H	N	Drilled to supply Dodd City when needed.
94	--	-- 1940	C,G	P	Cased to bottom. Reported yield 40 gallons a minute.
95	--	Nov. 18, 1940	None	S	Bank of creek. Estimated flow 1 gallon a minute. Temperature 68° F.
96	--	Nov. 1, 1940	None	D,S	Bank of creek. Estimated flow, 1 gallon a minute from limestone. Reported to fail during droughts.
97	4.5	e/ 1940	C,G,H	D,S,I	Dug well, 48 by 72 inches. Cased to bottom. Reported yield 250 gallons a minute from alluvium.

Records of wells and springs in Travis County--Continued

No.	Distance from Mansfield Dam	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
98	4½ miles northeast	W. J. Harrell Est.	--	--	-- Spring	--	--	--
99	5½ miles northeast	Jack Dies	--	Creek valley	-- Spring	--	--	--
100	do.	do.	--	--	-- Spring	--	--	--
101	6 miles northeast	do.	--	--	-- Spring	--	--	--
102	6¼ miles northeast	do.	--	Ridge-top	--	85	6	--
103	6 miles northeast	Tuttle Est.	--	--	-- Spring	--	--	--
104	do.	--	--	--	-- Spring	--	--	--
105	5¾ miles northeast	Folkeberger Est.	--	--	-- Spring	--	--	--
106	do.	do.	--	--	-- Spring	--	--	--
107	5¼ miles northeast	W. K. Hudson	-- Martin	Ridge-top	--	100	6	1.0
108	do.	B. Gardner	--	--	-- Spring	--	--	--
109	do.	do.	--	--	-- Spring	--	--	--
121	5½ miles northeast	Folkeberger Est.	--	--	-- Spring	--	--	--
122	6¼ miles northeast	Grant & Hall	--	Creek valley	Old	100	6	0.5
d/123	do.	do.	--	Creek bank	-- Spring	--	--	--
124	6½ miles northeast	W. L. Richards	Cap Reed	Creek valley	1900?	75	6	0.3
125	6¼ miles northeast	do.	--	--	-- Spring	--	--	--
126	6¾ miles northeast	K. T. Williamson	--	Hill-side	1930?	69	7	0.5
127	7 miles northeast	Williamson & Cantrell	--	--	-- Spring	--	--	--
128	do.	Travis County	--	--	-- Spring	--	--	--
129	7 miles east	Jess Prewitt	-- Daniels	Hill-side	1928	101	5½	1.6
130	6¼ miles northeast	R. D. Honeycutt	--	do.	Old	50	6	0.3
e/131	do.	W. L. Richards	--	Creek valley	-- Spring	--	--	--

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
98	--	Nov. 1, 1940	None	S	In bed of creek. Estimated flow 40 gallons a minute from conglomerate. Reported to fail during droughts.
99	--	do.	None	D,S	Reported flow 40 gallons a minute. Supplies water for swimming pool. Temperature 69° F.
100	--	do.	None	D,S	Bank of creek. Reported flow 20 gallons a minute from limestone. Water piped to house and barns. Temperature 68° F.
101	--	do.	None	S,I	Head of creek. Estimated flow 50 gallons a minute from limestone. Known as Big spring. Temperature 69° F. Irrigates 1½ acres.
102	--	--	C,W	D,S	No casing. Irrigates 1½ acres.
103	--	Nov. 1, 1940	None	D,S	Bank of creek. Estimated flow 8 gallons a minute from limestone. Reported to have not failed in 85 years. Known as Tuttle spring.
104	--	do.	None	S	In bed of creek. Estimated flow 3 gallons a minute from limestone. Known as Dipping Vat spring.
105	--	do.	None	S	At head of canyon. Estimated flow 40 gallons a minute from limestone. Known as Kelly Hollow spring.
106	--	do.	None	S	In creek bed. Estimated flow 75 gallons a minute from alluvium. Reported to have never failed. Temperature 68° F.
107	68.77	do.	B,H	D,S	Cased to 79 feet. Temperature 68° F.
108	--	do.	None	S	Bank of creek. Estimated flow 2 gallons a minute from limestone. Reported to have never failed.
109	--	do.	None	S	Bank of creek. Estimated flow 3 gallons a minute from limestone. Reported to have never failed.
121	--	Nov. 16, 1940	None	D,S	In creek bottom. Reported not to have failed in 28 years.
132	22.28	June 13, 1940	B,H	D,S	Cased to 14 feet.
123	--	do.	None	S	Reported flow ½ gallon a minute from limestone.
124	32.49	June 13, 1940	B,H	D,S	Water at 35 feet.
	30.93	Feb. 19, 1941			
125	--	July 20, 1940	None	S	At head of creek. Reported flow 2 gallons a minute from limestone. Known as Holman spring.
126	39.03	June 13, 1940	B,H	D,S	Cased to 20 feet. Reported to have never failed.
127	--	do.	None	D,S,P	In bed of creek. Supplies 2 families and Oak Grove School. Temperature 72° F.
128	--	June 14, 1940	None	D,S	Bank of creek. Estimated flow ¼ gallon a minute.
129	68.02	June 13, 1940	B,H	D,S	
130	37.09	do.	B,H	D,S	Cased to 20 feet.
131	--	July 20, 1940	None	S	Flow 3 gallons a minute. Known as Reed spring.

Records of wells and springs in Travis County--Continued

No.	Distance from Mansfield Dam	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) <u>a/</u>
132	6 miles northeast	W. L. Richards	--	--	-- Spring	--	--	--
133	4½ miles northeast	W. W. Carson, Jr.	A. Haydon	--	1940	215	--	--
134	4½ miles northeast	do.	--	--	-- Spring	--	--	--
135	¾ miles east	A. F. Mickel	A. C. Clements	Flat	1936	139	6	--
136	do.	do.	--	do.	1937	133	6	0.3
137	¾ miles east	R. V. Blair	-- Robinson	Side of ridge	1939	110	6	--
138	¾ miles east	J. E. Williams	-- Henderson	--	1940	390	--	--
139	do.	Mrs. Mary L. Anderson	J. R. Johnson	Side of ridge	1937	362	6	--
140	4 miles east	E. M. Freund	A. C. Clements	Ridge-top	1930	365+	--	--
141	2 miles southeast	Thomas B. Hughes	--	--	-- Spring	--	--	--
142	1 mile east	do.	-- Johnson	Ridge-top	1937?	500+	6	--
143	¾ mile southeast	Bureau of Reclamation, U.S. Dept. of the Interior	Bob Johnson	do.	1937	716	6- 5/8	--
147	½ miles southwest	Mrs. Nora Eck	--	Upland flat	--	102	6	0.6
148	4½ miles south	Travis County	A. C. Clements	River terrace	1940	127	6	0.5
149	4 miles south	Thomas B. Hughes	--	River valley	Old	125+	--	--
150	do.	Travis County	A. C. Clements	do.	1940	125	6	--
151	4 miles southeast	H. H. Allen	Felix Sanders	River terrace	1910	142	--	--
155	4½ miles southeast	I. D. Fowler	--	--	--	65	6	3.0
156	4¾ miles southeast	do.	--	--	--	32	6	2.5
157	do.	do.	--	--	-- Spring	--	--	--
158	5 miles southeast	do.	--	Terrace	--	35	6	2.5
159	5½ miles southeast	City of Austin	J. E. Johnson	Ridge-top	1939	254	10	--
160	5¾ miles southeast	Oswald Wolf	Ford Hudson	Terrace	1922?	180	4	1.5
161	5½ miles southeast	Travis County	--	Hill-side	--	100+	--	--

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
132	--	July 20, 1940	None	S	In creek valley. Reported flow 4 gallons a minute from limestone. Not known to have failed.
133	170	e/ 1940	C,W	D,S	Water at 185 feet. Known as Morris spring.
134	--	Nov. 16, 1940	None	S	In creek bed. Estimated flow 15 gallons a minute from limestone. Not known to have failed.
135	--	-- 1940	C,G, $\frac{1}{2}$	D,S,P	Depth originally 89 feet, Temperature 69° F. water at 84 feet; later drilled to 139 feet without striking additional water. Supplies water for 15 families at Four Points.
136	72.05	Nov. 19, 1940	B,H	D,S,P	Cased to 2 feet. Supplies water for 9 families at Four Points. Reported water at 80 and 100
137	83	e/ 1940	B,H	D,S,P	Cased to 30 feet. Supplies water for 5 families at Four Points. feet.
138	--	-- 1940	C,G	D,S,P	Supplies water for 8 families at Four Points.
139	--	-- 1940	C,W, G, $1\frac{1}{2}$	D,S,P	Supplies water for 15 families at Four Points.
140	--	-- 1940	C,W,G	D,S,P	Do.
141	--	Nov. 19, 1940	None	D,S	Head of gully. Estimated flow $\frac{1}{4}$ gallon a minute from limestone. Temperature 59° F.
142	400	e/ 1940	C,E, 8	D,S,P	Cased to bottom. Supplies water for 140 families at Mansfield Dam.
143	--	-- 1941	C,E	D,P	Cased; bottom 88 feet perforated. Reported yield 15 gallons a minute from sand. Supplies government camp. See Table of Analyses for analyses of water samples obtained at different
147	57.88	Apr. 4, 1938	B,H	D	depths.
148	38.71	Nov. 19, 1940	C,W	P	Supplies water for county park.
149	--	-- 1940	C,W	D,S	
150	--	-- 1940	C,W	P	Supplies water for county park.
151	0	e/ 1938	C,H	D,S	Water reported from limestone at 87 and 132 feet. Has supplied 100 head of cattle.
155	28.8	Oct. 13, 1938	B,H	D,S	
156	27.72	do.	B,H	D,S	Cased to bottom.
157	--	do.	C,G	D	No surface flow from pit 15 feet deep. Reported yield by pumping 21 gallons a minute.
158	31.8	Aug. 29, 1937	B,H	D	
159	65	Nov. e/ 1939	T,E, 5	P	Reported yield 30 gallons a minute from limestone. Supplies C.C.C. camp. See log.
160	162	Aug. 30, 1937	C,H	D,S	
161	--	-- 1940	C,H	P	Supplies water for Brewton Springs School.

Records of wells and springs in Travis County--Continued

No.	Distance from Mansfield Dam	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
162	5½ miles south	J. S. Hutson	A. C. Clements	Hilltop	1925	229	6	--
181	7½ miles south	Travis Cook	--	Hillside	1931	1,835	8	0.5
182	7¼ miles south	Mrs. J. H. Harrison	--	do.	1926	221	--	--
183	8½ miles south	Dean Smith	--	--	-- Spring	--	--	--
184	9¼ miles south	A. A. Maxey	S. W. Glass	Hillside	1940	165	6	0.8
185	9¼ miles south	J. F. Thurman	--	Creek bed	1885	20	26	1.5
3/186	9½ miles south	-- Boone	--	Ridge-top	--	450	8	0.5
3/187	do.	do.	--	do.	Old	60	6	2.0
188	9¼ miles south	do.	--	--	-- Spring	--	--	--
189	10 miles south	P. R. Tilley	-- Sanders	--	1925	430	6	1.0
190	11¾ miles south	Campbell White	--	Ridge-top	1890?	260	6	2.5
3/191	11 miles southwest	do.	--	Creek valley	--	200+	6	0.5
192	12¼ miles southwest	H. P. Prather	C. Hayden	Ridge-top	1935?	280+	6	--
201	8¾ miles southwest	Dr. Arnold Romberg	S. W. Glass	Hillside	1940	228	6	--
202	7 miles south	B. E. Giesecke	--	Creek terrace	1927	210	6	0.8
203	6¾ miles south	J. M. Smith	--	Creek valley	Old	120+	6	--
204	6 miles southwest	F. W. King	--	Hillside	Old	200+	--	--
205	6½ miles southwest	H. C. Bohls	Sanders, Hayden & Glass	Ridge-top	1914	440	6	--
206	6¾ miles southwest	Wiley & Johnson	Gus Sanders	Hillside	1936	435	6	--
207	do.	Travis County	--	Ridge-top	1890?	245+	8	2.0
208	6½ miles southwest	Malcolm Naumann	S. W. Glass	Gentle slope	1939	175	8	--
209	do.	J. L. Fogle	Gus Sanders	Ridge-top	1936	150	8	1.1
210	7 miles southwest	C. E. Lallier	--	Hillside	1890?	160	6	--
212	5½ miles southwest	F. H. Maul	--	--	Old	23	36	2.5
213	do.	A. E. Maul	C. Hayden	--	1926?	400+	6	0.2

No.	Water level		Method of lift	Use of power	Remarks
	Above or below measuring point (ft.)	Date of measurement			
162	100	e/ 1940	C,E, $\frac{3}{4}$	D,S	No casing.
181	202.76	Feb. 14, 1941	C,W	D,S	Oil test, now a water well. See log.
182	--	-- 1941	C,H,W	D,S	Supply reported small.
183	--	Feb. 13, 1941	None	D,S	In creek valley. Flow reported to vary from 0 to 75 gallons a minute.
184	8.87	Feb. 14, 1941	B,H	D,S	Cased to 12 feet. Water reported at 40, 135 and 150 feet.
185	12.78	Aug. 6, 1937	B,H	D,S	Dug well. Cased to bottom.
186	13.10	Feb. 14, 1941	C,W	D,S	
187	17.13	do.	B,H	D	Supply reported small.
188	--	do.	None	S	In bed of creek. Estimated flow 3 gallons a minute from limestone. Temperature 54° F.
189	120	e/ 1936	C,W	D,S	Cased to 10 feet.
190	27.49	Nov. 13, 1940	B,H	D,S	Cased to 40 feet.
191	127.39	do.	B,H	D,S	Cased to 3 feet.
192	--	-- 1940	C,W	D,S	
201	168	e/ 1940	C,W	D,S	No casing. Water reported at 183 and 203 feet.
202	97.14	May 12, 1940	B,H	D,S	Cased to 20 feet.
203	--	-- 1940	C,H	D,S	Cased to 10 feet.
204	--	-- 1940	C,H	D,S	
205	150	e/ 1941	C,W	D,S	Cased to 13 feet. Drilled to 241 feet in 1914, to 282 feet in 1925, and to 440 feet in 1939. Reported yield about 150 gallons a day until 1939. Water at 90, 220, 405 and 411 feet.
206	250	e/ 1936	C,G, $1\frac{1}{2}$	D	Deepened from 287 to 435 feet in 1939. Supply now reported adequate. See log.
207	118.15	Nov. 15, 1940	B,H	D,P	Cased to 15 feet. Supplies water for Bee Caves school. Supply reported rather small.
208	--	-- 1940	C,W	D,S	Cased to 15 feet.
209	78.25	Nov. 15, 1940	B,H	D,S	Cased to 12 feet. Supply reported small.
210	151	e/ 1937	C,W	D,S	
212	13.36	Apr. 1, 1938	B,H	D,S	Dug well. Cased to bottom.
213	243.60	do.	C,G, $1\frac{1}{2}$	D	

Records of wells and springs in Travis County--Continued

No.	Distance from Mansfield Dam	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
d/214	6 miles southwest	-- Hatfield	--	Terrace	--	400+	6	--
215	8 $\frac{1}{4}$ miles southwest	Snyder Est.	Mark Fletcher	Side of valley	1938	71	6	1.0
216	8 $\frac{1}{2}$ miles southwest	Combs Est.	Houston Robertson	Terrace	1915?	139	8	0.0
217	7 $\frac{1}{4}$ miles southwest	W. Jackson	--	Creek valley	1940	260	6	--
218	7 $\frac{1}{2}$ miles southwest	--	--	do.	Old	36	36	0.1
219	8 miles southwest	W. Jackson	-- Heffington	do.	1890	165	6	--
220	8 $\frac{1}{4}$ miles southwest	Mrs. R. A. Hickson	Sam Robertson	Ridge-top	1900?	81	--	--
221	8 $\frac{1}{2}$ miles southwest	B. J. Reimers	-- Heffington	Creek valley	1916	200	6	--
222	8 $\frac{3}{4}$ miles southwest	Fred W. Shield	--	Hilltop	Old	545	--	--
223	9 $\frac{1}{2}$ miles southwest	do.	Bob Johnson	Ridge-top	1938	300+	6	--
d/224	10 miles southwest	do.	--	Gentle slope	Old	150	8	1.6
d/225	10 $\frac{1}{4}$ miles southwest	do.	Bob Johnson	do.	1938	545+	6	--
226	11 miles southwest	Emery Crumley	C. Hayden	Hill-side	--	200+	--	--
227	10 $\frac{3}{4}$ miles southwest	Roy Tom	--	Terrace	--	62	5	0.0
228	9 $\frac{1}{2}$ miles southwest	W. H. Johnson	Gus Sanders	Hill-side	1936?	127	6	--
229	10 miles southwest	G. A. Parkinson	Fletcher & Bassford	Gentle slope	Old	365	6	--
230	11 $\frac{1}{4}$ miles southwest	--	--	Creek bed	-- Spring	--	--	--
231	12 $\frac{1}{4}$ miles southwest	F. W. Hill	--	In draw	1911?	120+	6	--
d/232	15 $\frac{3}{4}$ miles southwest	do.	--	Creek bank	1911?	120	5	--
d/233	13 $\frac{1}{4}$ miles southwest	H. Reimers	E. D. Summerow	Creek valley	1926	1,134	8	--
234	do.	B. J. Reimers	Felix Sanders	do.	1910?	75	6	--
d/235	14 $\frac{1}{2}$ miles southwest	--	--	Gentle slope	Old	50	6	1.4
236	15 $\frac{1}{4}$ miles west	-- Newman	--	do.	Old	200+	5	--
237	15 $\frac{1}{2}$ miles west	do.	--	do.	Old	200+	--	--

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

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

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

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
214	--	-- 1938	C,W	--	Cased to 20 feet.
215	54.12	Nov. 14, 1940	B,H	D,S	Cased to 8 feet.
216	36.36	Feb. 20, 1941	B,H	D,S	No casing.
217	--	-- 1940	C,W	S	
218	15.25	Feb. 20, 1941	B,H	N	Dug well. No casing.
219	--	-- 1941	C,W, G, 1 $\frac{1}{2}$	D,S	No casing.
220	--	-- 1941	C,G, 1 $\frac{1}{2}$	D,S	
221	178	e/ 1941	C,G	D,S	No casing.
222	400	e/ 1937	C,W,G	D,S	
223	250	e/ 1940	C,W	D,S	No casing. Reported yield 30 gallons a minute when bailed.
224	106.93	Feb. 20, 1941	None	N	Cased to 10 feet. Yield reported rather small.
225	--	-- 1941	C,E, 2	D,S	
226	--	-- 1940	C,W	D,S	Yield reported rather small.
227	50.5	May 24, 1938	B,H	D,S	Cased to 10 feet.
228	37	e/ 1940	C,W	D,S	Cased to 16 feet. Water reported at 80 feet and 117 feet.
229	--	-- 1940	C,W	D,S	
230	--	Nov. 13, 1940	None	S	Estimated flow 3 gallons a minute from limestone.
231	50	e/ 1937	C,G, 2	D,S	Cased to 5 feet. Has supplied water for 800 head of goats.
232	--	-- 1937	C,G	S	
233	14	e/ 1940	None	N	Oil test. See log.
234	55	e/ 1940	C,W	D,S	Cased; perforated near bottom.
235	43.68	Nov. 13, 1940	B,H	D,S	
236	--	-- 1940	C,W	D,S	
237	--	-- 1940	C,W	D,S	

d/ No water sample collected for analysis.

e/ Water level reported.

Records of wells and springs in Travis County--Continued

No.	Distance from State Capitol	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
251	11 $\frac{1}{2}$ miles north	--	--	--	--	220	--	--
252	12 $\frac{1}{4}$ miles north	Austin White Lime Co.	--	--	--	97	4	--
253	do.	do.	--	Hilltop	--	387	4	--
d/254	do.	do.	--	In pit	--	73	4	2.0
255	11 $\frac{3}{8}$ miles north	Thorp Est.	--	--	--	130	--	--
d/256	do.	--	--	Flat	--	93	--	0.7
257	12 $\frac{1}{4}$ miles north	Dillingham Est.	-- Johnson	Ridge-top	1939	210	6	0.4
258	do.	do.	--	Creek bed	Old	32	48	2.3
259	12 $\frac{1}{8}$ miles north	A. F. Martin	C. Bustin	Hilltop	1915	300+	6	--
260	do.	C. L. Parker	Joe Robinson	Hill-side	1905	180	6	--
261	13 miles north	H. C. Warren	A. Z. Daniels	--	1939	270	6	1.0
262	13 $\frac{1}{2}$ miles northeast	Mrs. N. J. Stramler	Joe Robinson	Gentle slope	1910	330	5	--
263	14 miles northeast	E. E. True	--	Ridge-top	Old	300+	6	--
264	13 $\frac{1}{2}$ miles northeast	Mrs. W. M. Bratton	--	do.	1890?	35	60	0.0
265	13 miles northeast	do.	Robertson & McBride	Side of ridge	1994	368	5	--
266	11 $\frac{3}{4}$ miles northeast	J. D. Dillingham	--	do.	1889	276	5	0.9
267	11 $\frac{1}{2}$ miles north	Dave Dillingham	--	Gentle slope	--	350+	--	--
268	11 miles north	Oscar E. Schmidt	Earl Cearley	do.	1936	82	4- 5/8	--
269	10 $\frac{3}{4}$ miles north	C. H. Powers	--	do.	1921	335	6	0.2
270	11 miles northeast	--	--	Ridge-top	--	255	--	0.5
271	10 $\frac{3}{4}$ miles northeast	J. C. Bryant	Wesley Hunt	Hill-side	1939	465	6	--
272	10 $\frac{1}{2}$ miles northeast	do.	--	--	-- Spring	--	--	--
273	10 $\frac{1}{4}$ miles northeast	Frank Scofield	Wesley Hunt	Hill-side	1939	445+	6	--
274	9 $\frac{1}{2}$ miles northeast	John Mus	Earl Johnson	Hilltop	1939	423	5 $\frac{3}{4}$	--
d/275	9 $\frac{1}{4}$ miles northeast	A. W. Cox	--	Creek bank	1938	57	10 $\frac{3}{8}$	0.5
276	do.	do.	--	do.	1900?	1,400+	7	1.0

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
251	--	-- 1939	C,W	S	Water encountered only at 38 feet.
252	34.5	e/ 1940	C,E	D,S	
253	77.5	e/ 1940	C,E	Ind	Reported maximum yield 7 gallons a minute.
254	59.30	June 12, 1940	None	N	
255	--	-- 1939	C,W	--	
256	86.49	Nov. 15, 1939	C,W	N	
257	148.74	Oct. 11, 1940	C,W	D,S	Cased to 96 feet.
258	9.63	do.	B,H	D,S	Dug well.
259	--	-- 1940	C,W, G, 1½	D,S	
260	160	e/ 1940	C,W	D,S	Cased to 11 feet. Water at 161-180 feet.
261	226.19	Oct. 4, 1940	C,W	D,S	Cased to 90 feet. Water at about 210 feet.
262	230	e/ 1940	C,W	D,S	Cased to 40 feet. Water at about 300 feet.
263	--	-- 1940	C,W	D,S	
264	4.98	June 3, 1940	B,H	D	Dug well.
265	318	e/ 1894	C,W	D,S	Cased to 318 feet.
266	241.91	Oct. 11, 1940	C,H,W	D,S	
267	--	-- 1940	C,W	D,S	
268	--	-- 1940	C,W	D,S	Cased to 40 feet. Reported yield 20 gallons an hour from limestone at 60 feet.
269	67.43	Oct. 11, 1940	C,W	D,S	Cased to 3 feet. Drilled as oil test.
270	217.44	Nov. 15, 1939	C,G	D,S	
271	225	e/ 1939	C,E	D,S	Cased to 165 feet.
272	--	June 3, 1940	None	S	Bank of creek. Flow 3 gallons a minute from chalk. Brick and concrete box around spring.
273	345	e/ 1939	C,E	D,S	Goes dry during droughts.
274	124	e/ 1939	C,E	D	See log.
275	11.26	June 5, 1940	None	N	
276	13.82	do.	C,E	D,P	Drilled as oil test; plugged and used as water well. Supplies water for store and tourist cabins.

Records of wells and springs in Travis County--Continued

No.	Distance from State Capitol	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
d/277	9½ miles northeast	Mary Bird	Sun Oil Co.	--	--	740	--	--
278	10 miles north	Carl Sundback	--	Gentle slope	--	400	8+	--
279	do.	-- Archae	--	Hilltop	1925	81	8	1.7
280	9½ miles north	Travis County	--	Creek bank	Old	20	28	1.8
281	9 miles north	J. R. Gault	--	Gentle slope	1904	307	6	--
282	9¼ miles north	E. C. Mueller	--	Creek bottoms	Old	33	60	0.0
283	9 miles north	E. H. Gault	--	Gentle slope	Old	304	5	--
284	8⅝ miles north	Robinson Bros.	--	do.	--	400+	4½	0.9
285	8 miles north	--	--	--	-- Spring	--	--	--
286	8½ miles north	C. R. Barnes	--	Flat	1908	417	5	--
287	7¾ miles north	Casper Shults	--	Ridge-top	Old	452	6	--
288	7¼ miles north	G. E. Saunders	--	do.	Old	40	48	1.0
289	7¼ miles northeast	A. S. Neans	--	Creek bottoms	Old	55	60	1.3
290	do.	do.	--	Ridge-top	Old	35	42	2.0
311	7½ miles northeast	-- Wiggington	--	Side of ridge	Old	22	60	2.6
312	do.	do.	Wesley Hunt	do.	1932?	475	6	--
313	8 miles northeast	H. E. Eubank	Hayden & Clements	Hilltop	1935	492	--	--
d/314	8¾ miles northeast	--	--	Gentle slope	--	174	6	0.4
315	7½ miles northeast	C. T. Ward	--	Hill-side	Old	30	36	1.4
316	do.	do.	-- Henderson	do.	1938	100	6	--
317	do.	Mrs. M. B. Owens	S. W. Glass	Hilltop	1939	613	6	--
d/318	7¼ miles northeast	R. R. Sansom	Albert Neans	do.	--	700+	--	0.4
319	7 miles northeast	Frank George	--	Flat	1910	45+	30	--
320	6½ miles northeast	do.	--	--	-- Spring	--	--	--

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
277	--	--	None	N	Oil test. See log.
278	150	e/ 1940	C,W,G	D,S	
279	67.61	Nov. 14, 1939	B,H	D,S	Cased to 5 feet.
280	14.42	Nov. 14, 1939	B,H	D,S	Dug well. Cased to bottom.
	11.48	June 7, 1940			
	14.42	Oct. 14, 1940			
281	135	e/ 1940	C,W	D,S	Cased to 170 feet. Water at or near 307 feet.
282	15.40	Oct. 14, 1940	B,H	S	Dug well.
283	191	Nov. 14, 1939	C,W	D,S	Water from limestone.
284	193.66	Oct. 14, 1940	C,W, G, 1 $\frac{1}{2}$	D,S	Supply reported rather small.
285	--	do.	None	D,S	In bank of draw. Estimated flow 3 gallons a minute from limestone.
286	--	-- 1940	C,G	D,S	Cased to about 200 feet. Well deepened from 185 to 417 feet in 1940.
287	200	e/ 1940	C,W,G	D,S	Cased to 200 feet.
288	29.59	Oct. 14, 1940	B,H	S	Dug well. Cased to 15 feet.
289	3.18	June 4, 1940	B,H	D,S	Dug well. Cased to 12 feet. Reported that supply failed in 1917, 1925 and 1939.
290	25.57	do.	B,C,H	S	Dug well. Cased to 7 feet.
311	6.69	June 5, 1940	B,H	D,S	Dug well. No casing.
312	--	-- 1940	C,W	S	Cased to 250 feet.
313	--	-- 1940	C,W	D,S	
314	103.06	June 5, 1940	C,W	N	
315	24.81	June 6, 1940	B,H	D,S	Dug well. Cased to 9 feet.
316	--	-- 1940	C,H	D,S	
317	--	-- 1940	C,G, 2	S	
318	153.16	June 4, 1940	None	N	
319	40	e/ 1940	C,G	D,S	Dug well. Cased to bottom.
320	--	Oct. 17, 1940	None	D,S	Bank of creek. Estimated flow $\frac{1}{2}$ gallon a minute.

Records of wells and springs in Travis County--Continued

No.	Distance from State Capitol	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
321	6 $\frac{1}{2}$ miles northeast	F. W. Davis	--	Hill-side	1903	35	72	2.7
322	5 $\frac{1}{2}$ miles northeast	John Toagle	--	Hilltop	Old	484	6	0.3
323	5 $\frac{1}{4}$ miles northeast	Fred Parsons	Wesley Hunt	Gentle slope	Old	400	6	0.6
324	do.	Mulkey Est.	--	Hill-side	Old	45	36	3.0
325	5 $\frac{1}{4}$ miles northeast	Webb Ruff	--	Hilltop	--	461	--	--
a/326	4 $\frac{1}{2}$ miles northeast	Ahart Est.	--	do.	1933?	400+	8	0.1
327	4 $\frac{1}{2}$ miles northeast	Walling Est.	--	do.	--	442	5	--
328	do.	do.	--	Ridge-top	--	37	35	3.1
a/329	3 $\frac{3}{4}$ miles northeast	-- Neal	--	Hill-side	--	735	6	--
a/330	3 $\frac{1}{2}$ miles northeast	-- Seiber	--	Gentle slope	--	216	8	0.5
a/331	3 $\frac{3}{4}$ miles northeast	J. C. Campbell, Jr.	--	do.	--	183+	10	1.0
332	2 miles northeast	Adolph Sieber	--	Flat	--	15	30	1.5
333	2 $\frac{1}{2}$ miles north	State of Texas	-- McGillvray	--	1895?	1,975	--	--
334	3 miles north	E. P. Collins	--	--	--	426	--	--
335	3 $\frac{1}{2}$ miles north	Joe Brown	Jim Johnson	Flat	1939	310	--	--
336	do.	C. H. Jung, Jr.	--	Gentle slope	1919?	316	--	--
337	3 $\frac{1}{4}$ miles northwest	State Highway Department	Jim Johnson	Flat	1939	405	6	--
338	4 miles northwest	Thiele Est.	Lon Daniels	Hill-side	1929	231	5	--
339	4 $\frac{1}{4}$ miles northwest	Walter Farmer	Billy Watson	do.	1910	190	6	1.0
340	4 $\frac{1}{2}$ miles northwest	M. M. Bonnett	Jim Johnson	Gentle slope	1939	315	--	--
341	4 $\frac{1}{4}$ miles north	Austin Memorial Park	J. L. Reese	Ridge-top	1928	330+	6	--
342	5 miles north	F. O. Richcreek	--	do.	--	450	5	--
343	4 $\frac{3}{4}$ miles northeast	Travis County Water District No. 2	Layne-Texas Co.	Side of ridge	1940	458	10 $\frac{3}{4}$	2.0
344	do.	do.	J. R. Johnson	do.	1936	440+	6	2.0

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
321	12.93	July 6, 1938	B,H	--	Dug well. Cased to 4 feet. Reported to fail during droughts.
322	174.9	Feb. 4, 1940	None	N	
323	94.40	Oct. 17, 1940	C,G, 1 $\frac{1}{2}$	D,S	
324	45.52	June 4, 1940	B,H	D,S	Dug well. Said to have failed in 1940.
325	--	-- 1940	C,G	D,Ind	Supplies water for private airport.
326	40.11	Oct. 17, 1940	None	N	Cased to 4 feet. Obstruction in well at 56 feet.
327	182.69	do.	C,W	S	
328	20.52	do.	B,H	D,S	Dug well. Cased to 9 feet.
329	200	e/ 1940	C,G	N	Water reported to be unfit for domestic use or stock.
330	21.79	Oct. 17, 1940	None	N	Water reported to have sulphur taste.
331	136.86	do.	C,W	N	
332	9.66	Mar. 7, 1938	C,Cf, H,E,1	D,S,I	Dug well. Cased to bottom. Irrigates small garden.
333	--	--	- ,E, Flows	P	Reported flow 150,000 gallons a day when drilled, water rose 40 feet above land surface. Supplies
334	140	e/ 1937	C,E	D,P	Supplies water for Insane Asylum. See log. water for tourist cabins. See log.
335	210	e/ 1939	C,E, 3	D,S,I	Cased to 150 feet. Water reported at 295-310 feet. Irrigates 2 acres.
336	66	e/ 1939	C,G, 3	D,S,I	Reported yield 16 gallons a minute. Irrigates small garden.
337	40	e/ 1939	C,E, 7 $\frac{1}{2}$	D,I, Ind	Reported yield 25 gallons a minute. Deepened from 240 to 405 feet in 1940. Supplies water
338	225	e/ 1940	C,W, G,2	D,S	Cased to 200 feet. Water for Camp Hubbard. at 225-231 feet.
339	59.06	Mar. 16, 1940	B,H	D,S	Deepened from 75 to 190 feet in 1928.
340	70	e/ 1939	C,G, 1 $\frac{1}{2}$	D,S	Reported yield 2 gallons a minute when bailed.
341	100	e/ 1928	C,G, 7 $\frac{1}{2}$	D,I	Cased to 90 feet. Reported pumpage 60,000 gallons a day in summer. Irrigates cemetery.
	200	e/ 1936			
342	--	-- 1940	C,E, 1	D,S	Cased to 425 feet.
343	196	Oct. --, 1940	T,E	P	Drawdown reported 55 feet after pumping 208 gallons a minute for 72 hours. Drilled to
344	193	Oct. --, 1940	C,E	P	Cased to supply water district. See log. 207 feet. To be used as emergency or standby well in conjunction with well 343.

Records of wells and springs in Travis County--Continued

No.	Distance from State Capitol	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
345	5 miles northeast	Thurlow B. Weed, Jr.	A. C. Clements	Flat	1938	456	6	--
346	do.	Mrs. J. D. Pelphrey	--	Side of ridge	Old	72	72	1.5
347	5½ miles northeast	D. Tisdale	-- Daniels	Hill-side	1934	455	6	--
d/348	5½ miles north	--	--	Flat	--	41	--	0.6
349	do.	Walter Kromer	Felix Sanders	Hill-side	1912	444	5½	--
350	5½ miles northeast	J. Tetens	Robinson Bros.	Gentle slope	Old	451	5	--
351	6½ miles northeast	Mrs. Lucile Harvey	--	Creek bank	Old	22	120	2.0
352	6 miles northeast	Mrs. E. E. Lawrence	Robinson Bros.	Hill-side	1912	435	6	--
353	6½ miles northeast	W. F. Robinson	-- Watson	do.	1927	395	5- 3/16	--
354	6¼ miles north	John Robinson	S. W. Glass	Ridge-top	1930	428	6	--
355	6½ miles north	J. B. Robinson	--	Side of ridge	Old	265	6	1.7
356	do.	do.	-- Adams	do.	1902	350	6	--
357	6½ miles north	B. Payton	--	Flat	1908	400	5	0.0
358	do.	do.	--	do.	--	400+	--	--
359	7 miles north	do.	--	Gentle slope	Old	80	--	3.3
360	6¾ miles north	W. D. Brooks	--	In draw	Old	400	6	--
d/361	6¼ miles north	do.	A. C. Clements	--	--	325	--	--
d/362	5¾ miles north	A. W. Schmitz	S. W. Glass	Flat	1939	326	5	--
363	6 miles north	Mrs. A. L. Zinzer	--	Hill-side	1940	617	6	--
364	do.	do.	--	--	-- Spring	--	--	--
d/365	6½ miles north	--	--	Ridge-top	--	71	6	1.0
366	6¾ miles north	H. O. Simons	S. W. Glass	do.	1938	135	6	0.0
d/367	do.	W. F. Simons	Mark Fletcher	do.	1937?	47	7	0.7
368	do.	do.	--	do.	1933?	18	42	1.6
369	7 miles north	Aubrey Neely	-- Daniels	Hill-side	1933	63	6	1.0
391	7½ miles north	Mamie Weeks	do.	Gentle slope	1935?	145	5	1.2

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
345	229	e/ 1938	C,E	D,S	See log.
346	16.35	June 4, 1940	C,W	D,S	Dug well. Cased to 5 feet.
347	150	e/ 1940	C,W	D,S	Cased to 300 feet.
348	39.86	Nov. 14, 1939	B,H	N	Dug well.
349	194	e/ 1940	C,W	D,S	Cased to 300 feet.
350	--	-- 1940	C,W	D,S	Supplies water for dairy.
351	17.19	June 7, 1940	C,W	D,S	Dug well. Cased to 10 feet.
352	100	e/ 1940	C,W,G	D,S	Cased to 380 feet. Water reported at about 380 feet.
353	300	e/ 1940	C,W	D,S	See log.
354	220	e/ 1940	C,W	D,S	Cased to about 200 feet.
355	20.08	Oct. 4, 1940	B,H	D,S	Cased to 100 feet.
356	200	e/ 1940	C,W	D,S	Cased to 300 feet. Water in sand at 350 feet.
357	190	Nov. 14, 1939	C,E, 1	D,S	Cased to 400 feet. Formerly supplied water for gin.
358	--	-- 1939	C,W	D,S	
359	57.41	Nov. 14, 1939	C,H	N	
360	--	-- 1939	C,E, 1	D,S	Cased to water.
361	--	--	None	N	Oil test. See log.
362	176	e/ 1939	C,E, 1	D	Cased to 200 feet.
363	130	e/ 1940	C,E	D,S	Yield reported $1\frac{1}{2}$ gallons a minute when bailed. See log.
364	--	Oct. 3, 1940	None	D,S	In creek valley. Flow 2 gallons a minute from limestone. Known as Spicewood springs. Temperature 70° F.
365	59.20	do.	B,H	D,S	
366	98.73	June 14, 1940	B,H	D,S	Water reported at 100-135 feet.
367	12.39	do.	B,H	D,S	Reported yield 60 gallons a day.
368	17.81	do.	B,H	D,S	Dug well. No casing.
369	52.36	do.	B,H	D,S	Cased to 4 feet.
391	22.60	June 13, 1940	B,H	D,S	Cased to 20 feet. Well filled to 82 feet with clay. Reported depth to water 100 feet when depth was 145 feet.

Records of wells and springs in Travis County--Continued

No.	Distance from State Capitol	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a'
392	7½ miles north	Tom Williams	-- Martin	Gentle slope	1935?	49	6	2.0
d/393	7¾ miles north	Bessie L. Schwarzer	-- Calhoun	Side of ridge	1938	163	8	1.0
394	do.	Beal Stone	--	Edge of draw	-- Spring	--	--	--
395	8 miles north	C. N. Rogers	--	Gentle slope	1936?	300+	--	--
396	do.	Mrs. T. Millholand	--	Flat	Old	180	--	--
397	8¼ miles north	Thomas Hamilton	-- Wommels	Ridge-top	1900?	47	6	0.4
d/398	do.	do.	--	--	-- Spring	--	--	--
399	8½ miles north	J. J. Williams	-- Calhoun	Gentle slope	1939	115	8½	2.0
400	do.	--	--	--	--	53	--	0.9
401	8¾ miles north	J. C. Toungate	--	Gentle slope	Old	90	6	--
402	do.	W. F. Stiefer	--	do.	Old	60	8	0.5
403	9 miles north	H. Caldwell	--	do.	1935	76	6?	--
404	do.	Steve Pruett	S. W. Glass	do.	1938	100	7½	1.2
405	do.	J. W. Pruett	do.	Edge of valley	1938	126	6	0.6
406	9½ miles north	Ray Kaufman	Mark Fletcher	Hill-side	1937	63	6	--
407	do.	Ruth Bass	--	do.	1939	103	6	0.8
408	10 miles north	City of Austin	--	--	-- Spring	--	--	--
409	9½ miles north	J. C. DeGress	--	Flat	1927	63	--	--
d/410	do.	M. H. Pruett	-- Daniels	Gentle slope	1939	100	6	1.2
411	9¾ miles north	W. F. Morrow	do.	Flat	1929	336	--	--
412	10 miles north	E. W. Seiders	--	Gentle slope	--	181+	8	0.6
413	10¼ miles north	L. E. Toungate	--	Flat	1939	250+	6	--
414	10¾ miles north	J. R. McElroy	--	Gentle slope	1935?	85+	6	1.3
415	8¾ miles northwest	--	--	--	-- Spring	--	--	--
416	8½ miles northwest	--	--	Creek terrace	--	115	6	1.5
417	8¼ miles northwest	C. C. Wallis	C. C. Wallis	Creek bed	1937	16	60	3.0

No.	Water level		Method of lift b/	Use of water c/	Remarks
	Above or below measuring point (ft.)	Date of measurement			
392	18.01	June 13, 1940	B,H	D,S	Cased to 22 feet.
393	112.15	June 12, 1940	C,E	D,S	Cased to 5 feet. Reported that water rose to surface when depth of 58 feet was reached.
394	--	June 10, 1940	None	D,S	Measured flow 1/3 gallon a minute from limestone. Temperature 69° F.
395	--	-- 1940	C,W	D,S	Supplies water for three houses.
396	--	-- 1939	C,W	D,S	
397	33.06	June 12, 1940	B,H	D,S	Cased to 40 feet. Supply reported small during droughts.
398	--	do.	None	D,S	At head of draw. Not flowing when visited. Reported flow 0 to 1/2 gallon a minute from limestone.
399	85.32	do.	B,H	D,S	Cased to 4 feet.
400	36.96	Nov. 15, 1939	B,H	D,S	
401	37	e/ 1940	C,W	D,S	
402	20.74	June 12, 1940	B,H	D,S	Cased to 22 feet.
403	20	e/ 1940	C,H	D,S	No casing.
404	84.03	June 11, 1940	B,H	D,S	Cased to 3 feet.
405	67.25	do.	B,H	D,S	Cased to 4 feet. Supply reported rather small.
406	44.26	June 12, 1940	C,H	D,S	
407	60.71	do.	C,W	D,S	
408	--	--	None	D	Estimated flow 10 gallons a minute. Known as Transient Camp spring.
409	27	e/ 1939	C,E, 1	D,S	No casing.
410	41.78	June 11, 1940	C,G, 3	S	Cased to 6 feet. Water reported at about 40 and about 85 feet.
411	150	e/ 1939	C,G	D,S	
412	75.28	June 10, 1940	C,W	D,S	
413	--	-- 1940	C,E	D	Cased to 20 feet.
414	41.06	June 10, 1940	C,H,G	D,S	Cased to 20+ feet.
415	--	June 14, 1940	None	D,S	Bank of creek. Flow reported 0 to 1 gallon a minute.
416	24.03	do.	B,H	D,S	
417	10.94	do.	B,H	D,S	Dug well. No casing.

Records of wells and springs in Travis County--Continued

No.	Distance from State Capitol	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
418	7 $\frac{3}{4}$ miles northwest	Mrs. -- Duval	--	Creek valley	Old	23	60	1.2
419	do.	H. O. Simons	-- Daniels	do.	1929	112	6	2.0
420	do.	Mrs. -- Duval	--	Hillside	1938?	100+	--	--
421	8 $\frac{1}{4}$ miles northwest	J. B. Beard	--	Creek valley	Old	165	--	1.3
422	do.	C. R. Beard	--	do.	1938	152	6- 5/8	0.6
423	8 miles northwest	Branton Beard	--	do.	Old	175	8	1.7
424	7 $\frac{1}{4}$ miles northwest	Mack Cowan	--	do.	--	136	8	0.5
d/425	6 $\frac{3}{4}$ miles northwest	Mrs. Mary Walden	--	do.	1905	95	6	1.2
426	6 $\frac{1}{2}$ miles northwest	Clark C. Champion	A. C. Clements	do.	1938	280	6	0
427	6 $\frac{5}{8}$ miles northwest	do.	Cap Reed	do.	1910?	200	6	0
428	6 $\frac{1}{2}$ miles northwest	Travis County	--	do.	--	125+	--	--
430	6 miles northwest	Boy Scouts of America	-- Johnson	do.	--	842	--	--
431	4 $\frac{3}{4}$ miles northwest	W. S. Gatewood	--	Flat	1938	90+	--	--
435	3 $\frac{1}{2}$ miles northwest	J. W. McClendon	--	River terrace	--	150	--	--
436	do.	H. H. Sevier	--	do.	1914?	140	6	--
437	do.	M. R. Gutsch	--	do.	1900?	150	6	--
438	3 miles northwest	R. A. Muenster	--	--	--	167	--	--
439	2 $\frac{3}{4}$ miles northwest	State of Texas	--	In valley	--	23	120	--
440	2 $\frac{1}{2}$ miles northwest	--	--	--	-- Spring	--	--	--
441	3 $\frac{1}{2}$ miles northwest	S. J. Larson	S. J. Larson	River terrace	1939	18	60	1.0
442	3 $\frac{3}{4}$ miles northwest	Vann M. Kennedy	S. W. Glass	Hilltop	1939	170+	--	--
443	4 $\frac{1}{2}$ miles northwest	W. S. Adkins et al	J. R. Johnson	do.	1939	977	6	--
444	5 $\frac{1}{4}$ miles northwest	P. D. Moreland	Earl Johnson	do.	1938	601	--	--
445	6 $\frac{1}{2}$ miles northwest	Addie & Jessie Roy	Iram Chisum	Hillside	1925	557	--	--
446	6 miles northwest	H. H. Shelton	J. A. Johnson	do.	1933	310	--	--

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
418	20.68	June 14, 1940	B,H	N	Dug well. Cased to 6 feet. Reported to fail during droughts.
419	9.15	do.	B,H	S	Cased to 9 feet.
420	--	-- 1940	C,H, G,1½	D,S	
421	34.11	Mar. 14, 1940	C,W	D,S	
422	56.44	do.	B,H	D,S	
423	38.67	Nov. 18, 1940	B,C, H,W	D,S	Cased to 5 feet.
424	37.08	do.	B,H	D,S	Cased to 7 feet.
425	34.52	Oct. 3, 1940	B,H	N	No casing.
426	--	e/ 1940	Flows	D,S	Cased to 10 feet. Water reported at 217 feet. Estimated flow 1 gallon a minute. Flowed 6 feet
427	4.5	Mar. 16, 1940	None	D,S	Flow, less than 1 pint a minute. Water level 4.5 feet above land surface in 1940.
428	--	-- 1940	C,H	N	Formerly supplied water surface, Mar. 16, 1940. for Pleasant Valley School.
430	--	Nov. 19, 1940	None	D	Measured flow 40 gallons a minute. Temperature 78° F. Supplies water for swimming pool of Boy Scouts. See log.
431	--	-- 1940	C,H	D,S	
435	--	-- 1940	C,E	D,S,I	No casing. Irrigates lawn.
436	--	-- 1940	C,G, 9	D,S,I	Irrigates lawn.
437	--	-- 1940	C,G, 2	D,S,I	
438	142	e/ 1938	--	--	Water-bearing sand at 157 feet.
439	6.79	Mar. 8, 1938	Cf,E, 10	I	Dug well. Cased to bottom. Supplies swimming pool at Institute for Feebleminded. Drawdown reported 12 feet when pumping 200 gallons a minute. Water in gravel. Temperature 79° F.
440	--	Sept. 1937	None	N	At head of creek.
441	17.79	Nov. 15, 1940	C,H	D,S	Dug well. Cased to bottom.
442	--	-- 1939	C,W	--	
443	307	e/ 1940	C,E	D,S	Reported yield, 14 gallons a minute. See Table of Analyses for analyses of water samples obtained at different depths. Known as Cerro de Tecolote well. See log.
444	--	-- 1938	--	--	
445	--	-- 1940	C,E,W	D,S	
446	--	-- 1937	C,G	D,S	

Records of wells and springs in Travis County--Continued

No.	Distance from State Capitol	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
447	5 $\frac{3}{4}$ miles northwest	Theodore P. Meyer	A. C. Clements	Hilltop	1909	591	8	--
448	do.	Frank Templeman	--	do.	---	583	--	--
449	5 $\frac{1}{2}$ miles northwest	Henry Schnautz	--	Hillside	---	83	6	0.5
d/450	4 $\frac{1}{2}$ miles west	T. H. & Mrs. Bess Mason	Gus Sanders	do.	1936	152	6	1.0
d/451	do.	T. H. Mason	--	--	Old	12	--	2.5
d/452	do.	do.	-- Sanders	--	1935	200	6	1.0
453	5 $\frac{3}{4}$ miles west	R. W. Shipp	-- Johnson	Hilltop	1937	357	6	--
454	5 $\frac{3}{4}$ miles west	do.	-- Curley	do.	1936	357	6	--
455	4 $\frac{1}{4}$ miles west	M. C. Landrum	A. C. Clements	do.	1910?	350	---	--
456	2 miles west	Rosa Delanna	do.	Hillside	1934	213	10	--
d/457	3 miles west	City of Austin	--	Road terrace	--	24 ⁺	18	0.4
d/458	do.	do.	--	do.	--	24 ⁺	50	1.4
d/459	do.	do.	--	do.	--	25 ⁺	120	2.2
460	2 miles southwest	Rosa Delanna	Charles Delanna	Street terrace	1908	165	6	--
461	2 $\frac{1}{2}$ miles southwest	City of Austin	--	--	-- Spring	--	--	--
481	3 $\frac{1}{2}$ miles southwest	F. O. Cullen	--	Hilltop	1907?	280	6	--
482	4 miles southwest	Theodor Low	Gus Sanders	Flat	1931	280	6	--
483	5 miles southwest	S. N. Alired	-- Brown	Hillside	1887	265 ⁺	5	2.0
484	5 $\frac{1}{4}$ miles southwest	J. C. Brodie	do.	Hilltop	1898	299	6	--

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
447	341	e/ 1940	C,E	D,P	Cased to 150 feet. Supplies water for Cedar Crest lodge.
448	386	e/ 1940	C,W	D,S	Water reported at 550 feet.
449	71.00	Oct. 14, 1938	C,W	--	
450	18.05	May 16, 1938	None	N	Cased to 5 feet. Drawdown 9 feet when pumping 7 gallons a minute. Water reported at 47, 72, and 92 feet. Well deepened from 102 to 152 feet in July 1939.
	53.68	Oct. 31, 1938			
	127.05	Aug. 5, 1939			
451	4.81	May 16, 1938	B,H	S	Dug well. Reported to fail during droughts.
	Dry	Oct. 31, 1938			
452	126	May 16, 1938	--	N	Yield reported rather small.
	179.64	Oct. 31, 1938			
453	275	e/ 1938	C,-	D,S,I	Cased to 80 feet. Irrigates garden.
454	275	e/ 1938	C,E,3 G,5	D,S,I	Cased to 200 feet. Water at 300 feet. Reported yield 20 gallons a minute when bailed for 1 hour.
455	300	e/ 1937	C,G, 4	D,S	Irrigates garden.
456	173	e/ 1937	C,W	D,S	Cased to 158 feet.
457	17.01	Feb. 19, 1941	T,E, 7½	P	Dug well. Used with wells 458 and 459 to supply water for Deep Eddy swimming pool.
458	18.01	do.	None	P	Dug well. Connected to well 457 by tunnel near bottom.
459	16.26	do.	T,E, 7½	P	Dug well.
460	81	e/ 1937	C,W, G,½	D,S,I	Originally dug 90 feet, later drilled to 135 feet. Irrigates small garden. Water from fine-grained white sand at 90-97 feet; gravel at 135 feet.
461	--	--	None	P	In bed of creek. Known as Barton Springs. The flow of these springs have been measured by the Surface Water Division of the Geological Survey periodically since 1894. (See U.S-Geol. Survey Water-Supply Paper 850). Temperature 73° F.
481	--	-- 1937	C,W,G	D,S	Cased to 6 feet.
482	230	e/ 1937	C,E, 7½	P	Cased to about 140 feet. Supplies water for subdivision.
483	247.87	Sept. 6, 1939	C,W,G	D,S	
484	263	e/ 1937	C,W, G,2	D,S	Cased to 12 feet.

Records of wells and springs in Travis County--Continued

No.	Distance from State Capitol	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
485	7 miles southwest	Lee Patton	A. C. Clements	Hillside	1890	268	5	1.2
486	8½ miles southwest	Lee Finch	--	Creek valley	1938	150	6	0.5
487	do.	Mrs. Amy Brewer	-- Sanders	do.	1938?	114	5-5/8	0.8
488	do.	Ross G. Brown	S. W. Glass	do.	1938	115	6	1.2
489	do.	F. D. Lloyd	do.	do.	1938	125	7½	1.1
490	10 miles southwest	Ben White	--	do.	--	200	--	--
491	do.	F. W. Miller	--	Hillside	1880?	60	48	2.0
492	9½ miles southwest	do.	--	do.	--	260	4	--
493	12½ miles southwest	John Koenig	A. C. Clements	do.	1930	320	4	--
494	13 miles southwest	do.	--	--	-- Spring	--	--	--
495	10½ miles southwest	Eugene Howard	Hinzey et al	In draw	--	1,090	6	0.5
496	9½ miles southwest	George Barker	A. C. Clements	Gentle slope	1929	220	6	--
497	9½ miles southwest	Eugene Howard	-- Brown	Flat	1898	216	4	--
498	do.	do.	A. C. Clements	Gentle slope	1905?	280	6	--
499	8½ miles southwest	Joe Dossun	do.	do.	1938	350	--	--
500	8 miles southwest	Mrs. B. B. Davis	-- Brown	Hillside	Old	350	4	--
501	4½ miles southwest	Merle Goodnight	--	do.	1936	18	36	2.3
502	1½ miles southwest	H. S. Lawson Est.	--	do.	1788	25	70	1.0
504	9½ miles southwest	R. B. Gault	R. B. Gault	Gentle slope	1935	32	28	2.0
506	7½ miles southwest	Mrs. Rosa J. Spillman	-- Brown	Hilltop	1901	400	6	1.0
d/508	7 miles southwest	Barge Renoe	A. C. Clements	Hillside	1927	254	--	1.0
509	7½ miles southwest	Erlene Patton	--	Creek Flat	1885	45	60	3.1
516	4 miles southeast	Frank Bailey	Hal Brown	River terrace	1900	37	36	1.0
519	8 miles southeast	Travis County	--	do.	--	39	36	2.0
527	13¼ miles southwest	Sarah E. Moore	--	In valley	--	50	48	4.0

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
485	29.85	Aug. 6, 1937	B,H	D	Cased to 3 feet. Water at 40 to 50 feet.
	26.35	Jan. 1, 1938			
486	40.05	Feb. 14, 1941	B,H	D,S	Cased to 40 feet or more.
487	10.11	do.	B,H	D,S	Cased to 9 feet. Water reported in blue sand at 85 feet.
488	29.59	do.	B,H	D,S	Cased to 6 feet. Water reported at about 100 feet.
489	31.90	do.	B,H	D,S	Cased to 8 feet. Water at about 100 feet.
490	--	-- 1937	C,W	D,S	
491	27.38	Aug. 26, 1937	B,H	D	Dug well.
492	--	-- 1937	C,G, 1/2	S	
493	100	e/ 1937	C,G	D,S	Cavity reported at about 320 feet.
494	--	Aug. 27, 1937	None	S	In creek bed. Estimated flow 7 gallons a minute from limestone. Flow increases in wet weather.
495	116	e/ 1941	C,W, G,3	S	Cased at top. Water reported at about 200, 500, and 1,090 feet. Temperature 69° F.
496	160	e/ 1941	C,W, G,2	D,S	No casing. Water reported at 190 feet.
497	--	-- 1937	C,W, G,3	D,S	
498	--	-- 1941	C,W, G,6	D,S	
499	--	-- 1941	C,W	D,S	
500	--	-- 1941	C,W	D,S	See log.
501	15.01	Aug. 3, 1937	C,E, 1/6	D,S	Dug well. Cased to 8 feet.
502	9.30	do.	C,E	D,S	Do.
504	23.89	Aug. 5, 1937	B,H	D,S	Dug well. Cased to 21 feet. Water from blue lime at 21-32 feet.
506	137.00	do.	C,W	D,S	
508	221.3	do.	C,-	N	Well has never been used.
509	42.34	Aug. 6, 1937	B,H	D	Dug well. No casing.
516	33.02	Aug. 7, 1937	B,C, H,E	D,S	Dug well. Cased to bottom.
519	35.43	Aug. 9, 1937	B,H	P	Dug well. Cased to bottom. Supplies Colorado Colored School No. 3.
527	9.81	Aug. 13, 1937	B,H	D,S	Dug well. Cased to 8 feet.

Records of wells and springs in Travis County--Continued

No.	Distance from State Capitol	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a.
552	2 $\frac{1}{4}$ miles southwest	Ennis Rambo	--	Gentle slope	--	22	36	2.5
551	7 $\frac{1}{2}$ miles southwest	J. A. Malone	Felix Sanders	Hilltop	1926	451	5	1.0
d/616	11 $\frac{1}{2}$ miles west	J. R. Moore	--	Gentle slope	Old	175	--	0.5
617	do.	do.	--	do.	Old	17	36	1.5
d/618	12 miles southwest	Homer Heep	--	Hillside	--	105	36	0.0
621	7 $\frac{1}{2}$ miles southwest	Mrs. L. L. Hart	A. C. Clements	Gentle slope	--	375	10	1.0
e/640	3 miles southeast	Roy Clements	--	Flat	1929	24	36	1.0
661	7 $\frac{1}{2}$ miles southwest	John Cameron	-- Fowler	Hilltop	Old	365	5	--
662	7 $\frac{1}{2}$ miles southwest	Ted Deison	S. W. Glass	Gentle slope	1940	246	6	--
665	6 $\frac{1}{2}$ miles southwest	Harry Williams	--	Flat	--	235	--	--
664	7 miles southwest	J. P. Hanley	--	Gentle slope	Old	235	4	--
665	7 $\frac{1}{2}$ miles southwest	J. W. Eskew	-- Reese & A. C. Clements	Ridge-top	1910	300	6	--
666	7 $\frac{1}{4}$ miles southwest	-- Stevenson	--	do.	--	200+	--	--
667	6 $\frac{1}{2}$ miles southwest	Ben Garza	--	do.	Old	275	6	--
668	do.	-- McAlmeyer	--	do.	Old	283	4	1.2
669	6 $\frac{3}{4}$ miles southwest	-- Mathis	--	Hillside	--	27	48	0.0
670	7 $\frac{1}{2}$ miles southwest	Theodor Low	S. W. Glass	Side of ridge	1936?	316	6	--
671	8 miles southwest	J. T. Eskew	-- Robinson	Hilltop	1910	355	5	--
672	8 $\frac{1}{2}$ miles southwest	Jodie Jackson	-- Johnson	Ridge-top	1937?	327	5	--
673	9 miles southwest	Roy Slaughter	Gus Sanders	Hilltop	1900?	440	6	--
674	8 $\frac{1}{4}$ miles southwest	do.	Huckabee Bros.	In valley	1934	16	36	2.0
d/675	7 miles southwest	C. R. Riesenecker	--	Bottom of draw	1928?	300+	6	0.6
676	6 $\frac{1}{2}$ miles southwest	H. W. Ottmer	--	Gentle slope	1900?	418	5	--
677	6 $\frac{1}{2}$ miles southwest	E. Jewel	--	Hilltop	--	200+	--	--

c/ Measuring point was usually top of casing, top of pipe clamp or top of well curb.
 b/ C, cylinder; B, bucket; Cf, centrifugal; T, turbine; H, hand; W, windmill; E, electric; G, gasoline. Number indicates horsepower.
 c/ D, domestic; S, stock; I, irrigation; P, public; Ind, industrial; N, not used.

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
532	13.82	Aug. 18, 1937	C,H	D	Dug well. Cased to 6 feet.
581	198.22	Jan. 19, 1937	C,E	D,S	Cased to 300 feet.
616	129.75	Feb. 26, 1937	C,G	D,S	
617	9.14	Jan. 11, 1937	B,H	D,S	Dug well.
618	18.04	Jan. 12, 1938	C,W	N	Do.
621	225.95	Jan. 19, 1938	C,W,E	D,S	
640	18.77	Mar. 11, 1938	None	N	Dug well.
661	--	-- 1941	C,W, G,2	D,S	Cased to bottom.
662	--	-- 1941	C,W	D,S	Cased to 3 feet.
663	--	-- 1937	C,G, 3	D,S	
664	185	e/ 1941	C,E	D,S	
665	150	e/ 1941	C,W, E,1	D,S	Cased to 3 feet. Deepened from 225 to 300 feet in 1937.
666	--	-- 1941	C,W	D,S	
667	--	-- 1941	C,W	D,S	Cased to 273 feet.
668	245.67	Feb. 18, 1941	C,W	D,S	
669	26.2	Aug. 24, 1937	B,H	D,S	Dug well. Cased from 6 to 27 feet. Supply reported rather small.
670	308	e/ 1941	C,W,G	D,S	Cased to bottom.
671	335	e/ 1937	C,W	D,S	
672	237	e/ 1941	C,E	D,S	Cased to bottom.
673	222	e/ 1937	C,W, G,3	D,S	
674	972	Aug. 25, 1937	C,W	S	Dug well.
675	29.79	Oct. 20, 1938	C,W	N	
676	150.7	Aug. 17, 1937	C,W, G,1 $\frac{1}{2}$	S	
677	--	-- 1938	C,E, 1	S	

d/ No water sample collected for analysis.

e/ Water level reported.

Records of wells and springs in Travis County--Continued

No.	Distance from State Capitol	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
678	6 $\frac{1}{4}$ miles southwest	G. C. Stalnaker	--	In draw	--	60	60	1.5
679	7 miles southwest	Mrs. C. L. Downs	--	Creek bottoms	--	57	--	2.0
680	6 $\frac{1}{2}$ miles southwest	E. W. Winkler	--	In draw	Old	22	48	3.0
681	6 miles southwest	H. S. Wallace	S. W. Glass	Hill-side	1937	436	6	--
682	do.	Francis Snyder	--	--	Old	125	--	1.9
683	do.	G. A. Bahn Est.	--	Hilltop	1935?	425	8	--
684	5 $\frac{1}{2}$ miles southwest	do.	Charles Weaver	In valley	Old	70	48	2.0
685	do.	C. Sollberger	T. E. Owens	Gentle slope	1935	402	6	2.0
686	5 miles southwest	A. M. Quist	--	--	-- Spring	--	--	--
687	do.	Mrs. Elizabeth Gentsch	Gus Sanders	Ridge-top	--	290	4	0.6
688	4 $\frac{1}{2}$ miles southwest	Mrs. M. Epps	--	In draw	Old	30	30	1.8
689	do.	August Hartkopf	-- Reese	do.	1925	113	--	0.5
690	4 $\frac{1}{2}$ miles southwest	C. E. Lallier	--	--	1900	140	8	1.2
691	do.	Frank Casey	--	In draw	--	42	6	0.3
692	4 miles southwest	Mrs. Bill Odom	--	--	--	100+	--	--
6/693	do.	-- Tennyson	--	--	--	370	--	--
d/694	3 $\frac{1}{2}$ miles southwest	W. B. Lovelace	Nance & Bailey	--	1923	780+	--	--
3/695	3 $\frac{1}{2}$ miles southwest	St. Edwards University	--	Hilltop	1885	1,200	--	--
5/696	2 $\frac{1}{2}$ miles southwest	Brown's Rest Home	--	Gentle slope	1885?	650	5?	--
697	2 $\frac{1}{2}$ miles south	City of Austin	Layne-Texas Co.	Creek terrace	1932	2,246	6- 5/8	--
698	2 miles south	O. O. Norwood	-- Garrick	River terrace	1929	1,595	8	--
699	5 miles southwest	J. D. Elliott	Earl Johnson	Creek bank	1938	156	6	0.5
700	1 $\frac{1}{2}$ mile south	F. B. Perry	H. McGillvray	River terrace	1899?	2,025	12	2.5
1/701	At State Capitol	State of Texas	--	Gentle slope	1858	471	--	--

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
678	20.02	Oct. 20, 1938	C,H, W,G,2	D,S	Dug well.
679	6.69	Jan. 6, 1938	C,W	D,S	Dug well. Reported to have not failed since 1925.
680	12.11	Aug. 25, 1937	B,H	D,S	Dug well. Cased to 14 feet. Supply reported small during droughts.
681	350	e/ 1938	C,G, $\frac{1}{2}$	S	Cased to bottom.
682	36.66	Oct. 20, 1938	B,H	S	
685	300	e/ 1938	C,G, 4	D,S	Reported yield 2 gallons a minute.
684	68.00	Aug. 25, 1937	B,H	D,S	Dug well. No casing.
	64.86	Jan. 7, 1958			
685	300	Jan. 15, 1938	C,G, 2	D,S	See log.
686	--	Sept. 30, 1938	None	S	In draw. Estimated flow one pint a minute.
687	221.69	Sept. 5, 1939	C,W	D,S	
688	26.42	July 30, 1938	C,G, 2	D,S	Dug well.
689	1.92	Jan. 5, 1938	C,W	D,S	No casing. Water reported at 28 and 87 feet.
690	144.5	Oct. 10, 1938	C,W	D,S	
691	29.55	July 30, 1938	B,H	S	Cased to 20 feet.
692	50	e/ 1938	C,W	D,S	Supply reported rather small.
693	--	-- 1938	--	--	See log.
694	--	--	None	N	Oil test. See log.
695	40	e/ 1937	C,E, 5	D	Supplies water for swimming pool.
696	130	e/ 1939	None	N	
697	74	e/ 1932	Flows T,E, $7\frac{1}{2}$	P	Reported flow 112 gallons a minute on October 29, 1932. Yield of pump 200 gallons a minute in 1937. Supplies water for Municipal swimming pool. Water level 74 feet above land surface in 1932. Temperature 100°F. See log.
698	96	e/ 1937	Flows	D	Reported flow 83 gallons a minute in 1937. Supplies water for swimming pool. Water level 96 feet above land surface in 1937. Temperature 94°F. See log.
699	46	e/ 1938	C,W	D,I	Draw-down 2 feet after pumping 30 gallons a minute for 1 hour. See log.
700	35.69	--	Flows	N	Flow when drilled 250,000 gallons a day. Temperature 100°F. Water level 35.7 feet above land surface on Sept. 8, 1937. See log.
701	--	--	None	N	See log.

Records of wells and springs in Travis County--Continued

No.	Distance from State Capitol	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
702	At State Capitol	State of Texas	--	Gentle slope	1890	1,454	--	--
d/703	½ mile south	Driskill Hotel Co.	--	do.	1900	2,250	5-5/8	--
711	2½ miles east	R. & G. Water Co.	--	Flat	1916	1,147	--	--
d/712	¾ miles southeast	Jack Wakeman	--	do.	1925	39	72	--
713	4¼ miles southeast	W. S. Wallace	W. S. Wallace	do.	1932	36	72	1.0
714	¾ miles southeast	Otto Grein	--	Hill-side	1936	25	42	3.0
715	4 miles south	B. D. Byrne	--	--	--	Spring	--	--
716	4½ miles south	Lee Gartman	--	Creek terrace	1936	60	4	0.5
717	6½ miles south	Travis County	--	Hill-side	--	3	36	1.0
718	5½ miles southeast	Edward Smith	--	Flat	--	16	70	3.0
d/719	6½ miles southeast	Holmstrom & Caffey	--	Creek valley	--	1,025	--	--
720	6¼ miles southeast	--	--	Flat	--	24	--	2.1
721	6½ miles southeast	Travis County	--	do.	--	34	--	0.5
722	7 miles southeast	A. L. Sanders	--	Gentle slope	1936	32	36	2.5
723	do.	J. C. Burch	--	Flat	1900	42	36	2.0
724	5¾ miles southeast	--	--	do.	1939	21	36	1.6
725	5¼ miles southeast	--	--	In valley	--	24	36	1.3
726	do.	O. B. Warren	--	Hill-side	--	25	36	1.0
730	6 miles southeast	Howard Yeargin	--	Flat	1931	35	60	0.0
731	do.	Tom Yeargin	--	do.	1931	35	60	0.0
732	do.	-- Bull	--	Gentle slope	--	31	36	1.5
735	6¼ miles east	--	--	Flat	Old	18	48	1.8
736	6 miles east	State Farm Colony	--	do.	--	26	24	2.3
737	5½ miles east	C. Burg	--	--	1939	41	30	2.5
739	do.	State Farm Colony	--	Flat	1935	40	126	--
740	5¼ miles east	M. C. Nixon	--	Creek bottoms	--	25	72	0.0

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
702	--	--	Flows	--	See log.
703	55	--	Cf,E, 15	P	Cased to 1,580 feet. Supplies part of water for hotel and laundry. Water level 55 feet above
711	92	--	Flows	D	Reported flow 200 gallons land surface in 1941. a minute. Water level 92 feet above land sur-
712	28.54	Mar. 8, 1938	None	N	Dug well. Cased to bottom. face in 1938.
713	34.72	Aug. 21, 1937	Cf,G	D,I	Dug well. Irrigates 12 acres.
714	27.57	Aug. 7, 1937	None	N	Dug well. Cased to 6 feet.
715	--	Aug. 9, 1937	None	S	Bank of creek. Small flow from limestone. Known as Springland spring. Temperature 74° F.
716	18.71	Aug. 23, 1937	B,H	D	
717	1.20	do.	None	N	Dug well.
718	12.03	Aug. 9, 1937	B,H	D,S	Dug well. Cased to 5 feet.
719	--	--	None	N	Oil test. See log.
720	19.35	Nov. 20, 1939	None	N	Dug well. Reported to fail during droughts.
721	32.60	Nov. 22, 1939	C,H	N	Dug well. Formerly supplied water for J. B. Norwood School.
722	30.54	Aug. 6, 1937	B,H	D,S	Dug well. Cased to bottom.
723	37.8	do.	B,C, H,W	D,I	Dug well. Cased to bottom. Irrigates garden.
724	18.22	Dec. 20, 1939	None	N	Dug well. Cased to bottom.
725	19.68	do.	C,W	N	Do.
726	23.90	Aug. 7, 1937	B,H	D	Do.
730	29.23	Aug. 20, 1937	Cf,G, 9	D,I	Dug well. Cased to bottom. Irrigates 15 acres.
731	30.65	do.	Cf,G, 6	D,S,I	Dug well. Cased to bottom. Irrigates 20 acres.
732	28.91	Aug. 7, 1937	B,H	D	Dug well. Cased to bottom.
735	17.77	Oct. 18, 1939	None	N	Do.
736	23.69	Dec. 8, 1939	None	N	Dug well.
737	36.5	Nov. 15, 1939	None	N	Dug well. Cased to bottom.
739	30	e/ 1939	T,E, 7½	D,S,P	Dug well. Reported to pump dry in 1 hour.
740	14.73	Nov. 15, 1939	Cf,G, 60	I	Dug well.

Records of wells and springs in Travis County--Continued

No.	Distance from State Capitol	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
742	5½ miles east	State Farm Colony	-- Rich	Creek bank	1937	49	96	27.0
745	4½ miles east	Mrs. -- Resig	--	Ravine bank	Old	20	30	1.0
747	5¼ miles east	A. C. Bull	--	Creek bank	Old	35	30	2.2
748	6 miles northeast	--	--	--	Old	28	30	0.0
749	4¾ miles east	R. Cabin	--	Gentle slope	Old	16	--	2.0
d/752	4¼ miles east	County-City Sanatorium	A. C. Clements	Ridge-top	1936	44	--	--
753	4 miles east	Mrs. E. Wolter	--	Gentle slope	1939	15	--	0.0
754	3¾ miles northeast	Mrs. Alta Wilder	--	--	Old	28	--	--
No.	Distance from Manor	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
771	11¾ miles northwest	J. A. Pearson	-- Adams	Ridge-top	1904?	317	6	--
772	11¼ miles northwest	Mrs. A. F. McDonald	--	Creek bottoms	1904?	16	28	2.4
773	11 miles northwest	do.	-- Robertson	Hill-side	1920	300+	5	--
774	11½ miles northwest	Annie Jacobson Est.	-- Adams	Gentle slope	1903?	250+	5	--
d/775	11¾ miles northwest	Mrs. O. L. Brady	Johnson, Dye & Hughes	do.	1933	1,435	--	--
776	do.	do.	--	do.	--	552	5	--
777	6 miles northwest	do.	--	Creek bottoms	1917	14	36	2.5
778	10 miles northwest	Oscar Wolff, Sr.	George Hunt	Gentle slope	1930	475	5-7/8	0.9
779	9¼ miles northwest	S. W. Brogren	-- Robertson	Hilltop	1921	525	5	--
d/780	do.	August Hebbe	--	do.	Old	27	32	2.3
781	do.	do.	-- Robertson	Hill-side	1912?	690	6	--
782	8½ miles northwest	C. C. Kuemple	Cribbs & Davidson	Hilltop	1935	609	10	--
783	8 miles northwest	Pflugerville Gin Co.	J. R. Johnson	do.	1939	696	6-5/8	--

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

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

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

Water level					
No.	Above or below measuring point (ft.)	Date of measurement	Method of lift b/	Use of water c/	Remarks
742	47.91	Oct. 17, 1939	T,E	P,I	Dug well.
745	16.83	Oct. 18, 1939	None	D,S	Dug well. Cased to bottom.
747	32.78	Oct. 26, 1939	None	D,S	Do.
748	23.25	do.	None	N	Do.
749	15.3	Oct. 18, 1939	None	D,S	Dug well.
752	--	-- 1939	Cf,E	P	Supply reported rather small.
753	12.95	Oct. 18, 1939	None	N	Dug well.
754	--	-- 1957	--,H	D,S	Dug well. Supply reported rather small.

Water level					
No.	Above or below measuring point (ft.)	Date of measurement	Method of lift b/	Use of water c/	Remarks
771	180	e/ 1940	C,W	D,S	Cased to about 100 feet.
772	8.97	June 3, 1940	B,H	D	Dug well. Reported to have failed in 1925.
773	220	e/ 1940	C,W	D,S	
774	--	-- 1940	C,W	D,S	Cased to 177 feet.
775	--	--	None	N	Oil test. See log.
776	--	-- 1940	C,W	D,S	See log.
777	9.16	June 6, 1940	C,W	D,S	Dug well. Cased to bottom.
778	200.48	June 3, 1940	C,W	D,S	Cased to about 320 feet. Water from white sand at 460-475 feet.
779	--	-- 1940	C,W	D,S	Cased to bottom.
780	26.16	June 3, 1940	B,H	D,S	Dug well.
781	190	e/ 1940	C,W	D,S	
782	150	e/ 1935	C,E, 3	P	Reported drawdown 130 feet when bailed at 40 gallons a minute. Supplies water for C. C. C.
783	125	e/ 1939	T,E	P,Ind	Reported yield 60 gallons a minute. Supplies part of water for Pflugerville and a gin. Temperature 75° F. See log.

1/ No water sample collected for analysis.

2/ Water level reported.

Records of wells and springs in Travis County--Continued

No.	Distance from Manor	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
784	7½ miles northwest	Otto Wuthrich	--	Hilltop	--	--	--	--
785	8 miles northwest	Pflugerville Gin Co.	--	Gentle slope	1910	650	8	--
786	7 miles northwest	F. J. Bohls	--	Hillside	1870	24	21	2.3
787	7¼ miles northwest	Theodore Timmerman	--	Flat	1923	28	40	0.6
788	5 miles north	Ernest Hebbe	Ernest Hebbe	Hilltop	1934	24	36	1.1
789	7½ miles north	W. A. Randig	W. A. Randig	Bottom of draw	1937	12	50	1.6
790	8½ miles north	T. C. Pfennig	T. C. Pfennig	Creek bottoms	1926	19	47	2.8
791	8¾ miles northwest	Fred Pfennig	H. Robertson	Hilltop	1925	610	5	--
792	9 miles northwest	H. J. Bohls	-- Bohls	Hillside	1912	630	4½	--
793	11 miles north	W. K. Prim	-- Robinson	Hilltop	1913	725	6	--
794	9¾ miles north	J. L. Hancock	--	In draw	1908	20	29	3.0
795	9 miles northeast	R. H. Richard	John Merka	do.	1937	12	30	2.5
796	7¾ miles north	Murray & Westment	--	Hilltop	1903	18	24	2.4
797	6 miles northeast	St. Johns Lutheran Church	--	In draw	1918	40	30	2.1
798	9 miles northeast	John Melber	John Melber	do.	1914	17	54	0.5
799	8 miles northeast	Mrs. Gus Haman	--	Creek bottoms	Old	11	36	2.3
800	do.	Sol Swenson	Charles Davis	Hillside	1925	35	28	2.7
801	6¾ miles northeast	New Sweden Gin Co.	--	Flat	1933	20	30	2.3
802	7 miles northeast	Peterson Est.	--	In draw	1900	24	18	1.9
d/803	9¾ miles northeast	-- Carlson	--	--	--	300	--	--
d/804	10½ miles northeast	-- Bengston	Lund & Johnson Bros.	--	1925	2,052	--	--
805	8¾ miles east	R. W. Neidig	--	Gentle slope	Old	26	24	2.3
d/806	6½ miles east	Alfred Carlson	Gulf Production Co.	--	--	1,138	--	--
807	4½ miles northeast	-- Nagle	--	Creek bottoms	Old	18	30	5.0
d/808	2 miles northeast	Ralph Richie	Walter, Werchen & Stone	In draw	1926	1,117	--	--
809	1½ miles east	Porter Thurman	W. L. Hewitt	Hilltop	1938	16	36	1.4

No.	Water level		Method of lift b/ c/	Use of water e/	Remarks
	Above or below measuring point (ft.)	Date of measure- ment			
784	--	-- 1938	C,G, 3	D,S	Reported a deep well.
785	60	e/ 1910	C,G, 20	P,Ind	Reported yield 18 gallons a minute. Auxiliary to well 783.
786	13.0	July 7, 1938	B,H	D	Dug well.
787	18.64	July 8, 1938	C,W	D,S	Dug well. Supply reported rather small.
788	15.5	do.	C,W	D,S	Dug well. Cased to bottom.
789	2.2	do.	None	N	Do.
790	7.8	do.	C,W	D,S	Dug well.
791	65	e/ 1925	C,W	D,S	Cased to 400 feet. Water at 590-610 feet.
792	160	e/ 1938	C,W	D,S	Cased to about 400 feet.
793	300	e/ 1938	C,G, 4	D,S	Cased to about 500 feet.
794	6.61	July 7, 1938	B,H	D	Dug well. Cased to bottom. Supply reported rather small.
795	8.48	do.	C,W	D	Dug well. Supply reported rather small from white clay at 6-11 feet.
796	6.88	do.	B,H	D	Dug well. Supply reported rather small.
797	3.17	July 8, 1938	B,H	S	Do.
798	2.04	July 7, 1938	C,H	D	Do.
799	6.44	July 8, 1938	B,H	D,S	Dug well. Cased to bottom.
800	9.06	do.	None	N	Dug well. Water in yellow joint clay at 10-52 feet.
801	6.52	do.	B,H	D	Dug well.
802	5.16	July 9, 1938	None	N	Dug well. Cased to bottom.
803	--	--	None	N	Oil test. See log.
804	--	--	None	N	Do.
805	9.43	July 12, 1938	None	N	Dug well.
806	--	--	None	N	Oil test. See log.
807	11.20	July 12, 1938	None	N	Dug well.
808	--	--	None	N	Oil test. See log.
809	7.64	July 12, 1938	C,H	N	Dug well.

Records of wells and springs in Travis County--Continued

No.	Distance from Manor	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
810	2½ miles east	C. W. Sponberg	--	Gentle slope	Old	52	42	1.7
821	5¾ miles east	L. F. Ballerstedt	--	Creek bottoms	--	17	34	0.0
d/822	6 miles east	Anna Giese	Humble Oil & Refining Co.	--	1925	1,895	--	--
823	6¼ miles east	Howard Rivers	--	Creek bottoms	1930	19	46	5.2
825	5 miles southeast	D. S. Lockwood	--	--	-- Spring	--	--	--
826	3½ miles southeast	A. R. Parson	--	Gentle slope	Old	20	28	2.9
827	do.	do.	--	do	1931	21	27	3.3
828	do.	Pat Lockwood	--	Gentle slope	Old	30	24	1.2
d/829	6½ miles southeast	R. C. Sanders	--	River flat	Old	29	24	--
830	6¼ miles southeast	--	--	do.	Old	32	50	3.0
831	5 miles south	Travis County	--	Gentle slope	--	40	24	--
832	5½ miles south	Carl McEachern	--	do.	1927	26	24	2.8
d/833	7½ miles south	--	--	River flat	Old	29	30	2.3
834	8¼ miles south	A. D. Jones	--	do.	Old	36	24	0.5
835	6½ miles south	--	--	Gentle slope	Old	35	36	3.0
d/836	6½ miles southwest	--	--	Flat	Old	49+	36	1.8
837	5¼ miles southwest	O. Peterson	--	Gentle slope	1914	17	30	2.0
851	2 miles southwest	--	--	Hillside	Old	17	54	2.4
852	¼ mile southwest	Mrs. G. J. Eppright	--	Flat	--	24	30	1.4
853	In Manor	City of Manor	W. B. Hinton	do.	1936	3,001	8	0
d/854	do.	do.	Eppright & McGillvray	do.	1895	2,560	6	0
855	4 miles southwest	--	--	Gentle slope	--	16	192	0.9
d/856	3½ miles west	T. E. Bucy	--	do	Old	22	24	1.3
857	5¼ miles northwest	--	--	Creek bottoms	--	19	72	0.9
858	6½ miles northwest	B. F. Payton	B. F. Payton	Hillside	1940	1,456	6	--

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
810	19.80	Oct. 16, 1940	C,H,G	S	Dug well.
821	5.63	July 12, 1938	C,W	N	Do.
822	--	--	None	N	Oil test. See log.
823	9.97	July 12, 1938	B,H	--	Dug well. Supply reported rather small.
825	--	do.	None	D,S	In draw. Reported yield 40 gallons a minute in 1925. Flow 1 gallon a minute. Known as Wilbern spring.
826	15.90	Oct. 16, 1940	B,H	D,S	Dug well. Cased to bottom. Supply reported rather small. Diameter at bottom 60 inches.
827	20.26	do.	B,H	D,S	Dug well. Cased to bottom. Supply reported rather small. Diameter at bottom 72 inches.
828	26.28	Jan. 3, 1940	None	N	Dug well.
829	23.8	Jan. 4, 1940	None	N	Do.
830	26.61	do.	None	N	Do.
831	31.07	Jan. 3, 1940	None	N	Do.
832	17.49	do.	None	N	Do.
833	27.25	Jan. 2, 1940	None	N	Do.
834	32.8	do.	C,W	D,S	Dug well. Supply reported rather small.
835	24.67	Jan. 3, 1940	None	N	Dug well.
836	47.09	Jan. 2, 1940	None	N	Do.
837	13.42	Jan. 4, 1940	None	N	Do.
851	15.5	Jan. 11, 1940	None	N	Do.
852	9.98	July 12, 1938	C,W	S	Do.
853	115	--	Flows	P	Reported flow 150 gallons a minute in 1936; static water level 115' above land surface; 110 gallons a minute in 1941; static water level at 80' above land surface. Supplies water for the City
	80	--			
854	100	--	None	N	Reported flow of 100,000 gallons a day with water level of Manor. Temperature 110° F. See log.
855	6.39	Oct. 17, 1940	Cf,G	D,Ind	Dug well. Cased to bottom. Supplies water for gin. 100 feet above land surface when drilled.
856	10.03	Jan. 5, 1940	C,W	--	Dug well.
857	17.19	do.	C,W	D,S	Do.
858	--	--	None	N	See log.

Records of wells and springs in Travis County--Continued

No.	Distance from Manor	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) <u>a/</u>
859	6 $\frac{1}{4}$ miles northwest	E. B. Giles	E. B. Giles	In draw	1901	27	36	0.2
860	6 $\frac{1}{2}$ miles northwest	Mrs. B. Hamann	--	Hilltop	1920?	725+	6	0.7
861	do.	do.	--	do.	Old	28	28	2.4
862	8 $\frac{1}{2}$ miles northwest	J. R. Pennington	--	Ridge-top	1932?	459	6	--
863	8 $\frac{1}{4}$ miles northwest	Tom Kellum	-- Hunt	do.	1939	445	--	--
864	8 miles northwest	G. W. Dillingham	-- Adams	Creek valley	1917	420	6?	--
865	7 $\frac{1}{4}$ miles northwest	Christian Nehring	--	Creek bed	1895	20	34	2.3
866	7 $\frac{3}{4}$ miles northwest	Bohn Est.	--	Gentle slope	1922	640	8	--
867	7 miles northwest	H. A. Nauert	--	Creek bottoms	1925	12	30	0.0
868	6 $\frac{1}{2}$ miles northwest	B. F. Payton	J. A. Johnson	Gentle slope	1939	573	--	--

No.	Distance from Creedmoor	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) <u>a/</u>
881	8 miles northwest	Hugo Tetens	-- Hudson	Hilltop	Old	300+	4	1.5
882	8 $\frac{1}{2}$ miles northwest	J. E. Kruemeke	--	--	--	192+	--	1.5
883	8 miles northwest	B. F. Swank	A. C. Clements	Hilltop	1935	178	5?	--
884	7 $\frac{1}{2}$ miles northwest	H. A. Townsley	--	Flat	--	390	6	1.4
885	7 $\frac{1}{2}$ miles northwest	F. B. Polk	Jim Johnson	Creek valley	1913	244	4 $\frac{1}{2}$	1.2
886	6 $\frac{3}{4}$ miles northwest	W. P. Cruze	Gus Sanders	Flat	1925	254	5	--
887	6 $\frac{1}{2}$ miles northwest	F. W. Worth	-- Johnson	do.	1917?	250	6	--
888	6 $\frac{1}{4}$ miles northwest	Hall Est.	--	Hilltop	--	32	36	3.0
d/889	do.	D. T. Cunningham	Felix Sanders	do.	1922	270	--	1.0

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

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

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

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
859	3.21	July 6, 1938	C,W	D,S,I	Dug well. Cased to 12 feet. Supply reported rather small.
860	118.24	do.	C,W	S,I	
861	22.05	do.	None	N	Dug well.
862	250	e/ 1940	C,W	D,S	
863	150	e/ 1940	C,E	D,S	
864	--	-- 1940	C,W,G	D,S	
865	8.74	June 5, 1940	C,W	D,S	Dug well.
866	--	-- 1940	C,W	S	
867	2.61	July 7, 1938	C,W	D,S	Dug well.
868	88	e/ 1939	C,W	S	

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
881	194.15	Jan. 12, 1938	C,W	D,S	Well deepened from 254 to about 300 feet.
882	192.65	Jan. 8, 1937	None	N	
883	--	--	C,W	S	Cased to 115 feet. Supply reported small from limestone at 158-178 feet.
884	169.8	Feb. 17, 1941	C,W, E,1	D,S	
885	180.02	Sept. 6, 1939	C,W	D,S	
	130.26	Feb. 17, 1941			
886	150	e/ 1941	C,G	D,S,P	Cased to 170 feet. Water at 234 feet. Supplies water for 3 public schools in Manchaca.
887	100	e/ 1937	C,G, 4	D,S	Cased to 160 feet.
888	13.56	Jan. 10, 1938	B,H	S	Dug well.
	16.80	Feb. 17, 1941			
889	142.59	Jan. 10, 1938	C,G, 3	D,S	
	119.44	Feb. 17, 1941			

c/ No water sample collected for analysis.

e/ Water level reported.

Records of wells and springs in Travis County--Continued

No.	Distance from Creedmoor	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
890	5 $\frac{3}{4}$ miles northwest	Russell C. Faulkner	--	Terrace	--	57	60	3.0
891	do.	do.	--	--	-- Spring	--	--	--
892	do.	do.	Williamson & Adair	Ridge-top	1939	277	5 $\frac{1}{2}$	0.8
d/893	5 $\frac{1}{4}$ miles northwest	L. J. Trotti	--	In valley	1938	30	48	--
894	5 miles northwest	J. S. Durham	--	Gentle slope	1938	30	60	2.0
d/895	do.	Jim McCoy	--	do.	1925	300+	4	--
895	5 $\frac{1}{2}$ miles northwest	C. A. Freund	--	--	-- Spring	--	--	--
897	do.	Ben H. Wilson	--	Hilltop	--	390	10	2.0
898	5 $\frac{3}{4}$ miles northwest	Mrs. E. R. Harel	Earl Johnson	Near draw	1939	390	5- 3/16	--
899	5 $\frac{1}{4}$ miles north	P. Shelton	--	--	-- Spring	--	--	--
900	5 miles northwest	Travis County	--	Hilltop	--	37	48	2.0
901	3 miles northwest	Mrs. Mathilda Dittmar	--	In valley	--	16	36	1.0
902	3 miles north	-- Rivers	--	Hill-side	--	33	--	3.0
903	5 miles north	F. J. Dittmar	--	Valley flat	--	17	48	0.5
904	5 $\frac{1}{2}$ miles northeast	D. Collins	E. Nalle et al	do.	1920	2,425	4	--
905	4 $\frac{1}{2}$ miles northeast	A. L. Sanders	Ray Carson	do.	1935	10	36	1.0
906	4 $\frac{1}{4}$ miles northeast	do.	--	Gentle slope	Old	35	72	--
907	3 $\frac{1}{4}$ miles northeast	W. E. McGrand	--	Hilltop	1880?	52	48	1.0
d/931	4 $\frac{1}{2}$ miles northeast	James Ross	Bybee & Marshburn	Hill-side	1925	1,005	--	--
932	5 $\frac{1}{2}$ miles northeast	Mrs. A. C. Kieke	--	In draw	1868	18	60	3.0
935	6 $\frac{3}{4}$ miles northeast	Owsald Olle	--	--	-- Spring	--	--	--
936	do.	do.	--	--	-- Spring	--	--	--
937	7 miles northeast	C. T. Sundberg	C. T. Sundberg	Flat	1932	27	48	0.5

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
890	17.46	Aug. 25, 1937	None	N	Dug well. Cased to 5 feet.
	17.33	Jan. 9, 1938			
	13.17	Feb. 17, 1941			
891	--	Feb. 17, 1941	None	S	On side of ridge. Estimated flow 15 gallons a minute from conglomerate. Temperature 64° F.
892	85.77	do.	C,W	D,S	Yield 10 gallons a minute for 75 minutes when bailed. See log.
893	23.5	e/ 1938	C,W	D,I	Dug well. Reported yield 600 gallons in 3 hours. See log.
894	28.68	Mar. 21, 1938	C,H	D	Dug well. Cased to bottom. See log.
895	--	-- 1937	C,-	N	Reported sulphur water.
896	--	Aug. 3, 1937	None	D,S	At head of draw. Measured flow 4 gallons a minute from chalk and gravel. Temperature 74° F.
897	95.96	Oct. 20, 1938	C,W	D,S	
898	150	e/ 1939	C,E, 2	D	Cased to 300 feet. Reported yield 6 gallons a minute during 24 hour test.
899	--	Aug. 20, 1937	None	P	Bank of creek. Flow 5 gallons a minute from sandy gravel. Supplies water for swimming pool. Known as Bluff Springs. Temperature 74° F.
900	37.14	Oct. 20, 1938	C,W	P	Dug well. Supplies water for Bluff Springs School.
901	8.25	Aug. 23, 1937	C,H	N	Dug well. Cased to bottom.
902	31.11	do.	B,H	D,S	Dug well.
903	14.72	do.	C,W	N	Do.
904	--	Aug. 18, 1937	Flows	S	Flows into pond. Temperature 93° F.
905	6.78	Aug. 19, 1937	C,H	D,S	Dug well.
906	--	-- 1939	C,W	D,S	Dug well. No casing.
907	34.3	Aug. 19, 1937	B,H	D,S	Dug well. Cased to bottom.
931	--	--	None	N	Oil test. See log.
932	9.10	Aug. 6, 1937	B,H	D,S	Dug well. Cased to bottom.
935	--	Dec. 11, 1939	None	S	In creek valley. Flow from gravel.
936	--	do.	None	S	Do.
937	26.18	Aug. 6, 1937	C,W,H	D	Dug well. Cased to bottom.

Records of wells and springs in Travis County--Continued

No.	Distance from Creedmoor	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) <u>a/</u>
938	7 miles northeast	--	--	Flat	1939	35	10	--
939	7 $\frac{1}{2}$ miles northeast	Olin W. Finger	--	Creek valley	--	517	--	--
940	7 $\frac{3}{4}$ miles northeast	W. F. Woolsey	--	Creek terrace	--	30	36	2.0
941	8 $\frac{3}{4}$ miles northeast	T. R. Pearce	--	Gentle slope	--	21	36	0.5
942	11 $\frac{3}{4}$ miles northeast	--	--	River flat	--	25	--	0.2
943	12 $\frac{1}{2}$ miles northeast	J. H. Norwood	O. A. Moreland	River terrace	1937	30	48	--
944	15 $\frac{1}{4}$ miles northeast	M. Fowler	--	River flat	Old	31	24	0.5
946	14 $\frac{1}{2}$ miles northeast	C. H. Buck	Isiah Johnson	In valley	1931	50	72	--
947	14 miles northeast	--	--	Gentle slope	--	47	--	3.5
d/950	13 miles northeast	--	--	Flat	--	38	36	1.5
d/951	12 $\frac{1}{2}$ miles northeast	W. W. Childress	Adanac Oil Co.	Creek terrace	1923	1,630	--	--
952	13 miles northeast	--	--	Flat	--	61	--	--
d/954	13 $\frac{1}{2}$ miles northeast	Mrs. Louise Gentry	--	do.	--	63+	--	3.0
d/956	12 $\frac{3}{4}$ miles northeast	Republic Bank & Trust Co.	Rydal Oil Co.	Hilltop	1928	1,780	--	--
d/957	11 $\frac{1}{4}$ miles northeast	Stark Washington	Garfield Oil Co.	Creek terrace	1925	1,374	--	--
d/958	do.	do.	do.	do.	1926	1,468	--	--
965	9 miles northeast	M. W. B. Simmons	--	Hilltop	--	15	96	1.5
966	7 $\frac{1}{2}$ miles northeast	Claus Philquist	Allen & Stolley	Flat	1929	3,008	10	--
967	6 miles northeast	Willie Reinhardt	Willie Reinhardt	do.	1925	13	36	2.5
d/968	6 $\frac{1}{4}$ miles northeast	-- Jacobson	Roy Clark	Hillside	1930	880	--	--
d/969	4 $\frac{1}{4}$ miles east	Otto Schreiber	Smith & Clark	In valley	--	892	--	--
d/970	3 $\frac{1}{2}$ miles southeast	-- Peyton	Campbell et al	Hillside	1927	815	--	--
971	3 $\frac{1}{2}$ miles southwest	Mrs. L. M. Montgomery	--	Gentle slope	--	13	36	2.0
972	1 $\frac{1}{4}$ miles south	Ed Steussy	--	Creek bank	1922	22	--	1.5
973	In Creedmoor	W. M. Studer	--	Flat	1900?	21	48	1.0

No.	Water level		Method of lift	Use of water	Remarks
	Above or below measuring point (ft.)	Date of measurement			
938	24	e/ 1939	C,E, 3	Ind	Casing perforated in water-sand from 24 to 37 feet. Water piped 3 miles to supply Shell Pipe Line station.
939	--	--	--	--	
940	28.19	Aug. 18, 1937	B,H	D,S	Dug well.
941	18.17	Aug. 9, 1937	C,G, 6	D,S	Do.
942	23.00	Nov. 20, 1939	None	N	Do.
943	25	e/ 1937	Cf,G	I	Dug well. Drawdown reported 3.5 feet after pumping 310 gallons a minute from gravel for 2 hours. Irrigates 12 acres. Temperature 70° F.
944	29.15	Dec. 12, 1939	None	N	Dug well. Supply reported rather small.
946	35	e/ 1937	-,G	I	Dug well. Cased to bottom. Reported yield 600 gallons a minute from gravel.
947	45.87	Nov. 20, 1939	None	N	Dug well.
950	37.7	do.	None	N	Do.
951	--	--	None	N	Oil test.
952	59.92	Nov. 20, 1939	None	N	Dug well.
954	58.52	Oct. 24, 1939	C,W	D,S	
956	--	--	None	N	Oil test. See log.
957	--	--	None	N	Do.
958	--	--	None	N	Do.
965	12.88	Aug. 9, 1937	B,H	D	Dug well.
966	--	--	Flows	Ind	See log. Water level 80 feet above land surface in 1937.
967	2.99	Aug. 19, 1937	None	S	Dug well. No casing.
968	--	--	None	N	Oil test. See log.
969	--	--	None	N	Do.
970	--	--	None	N	Do.
971	8.13	Aug. 20, 1937	None	N	Dug well. Cased to bottom.
972	3.50	do.	C,G, 4	D,S	Two connected dug wells.
973	10.26	Aug. 19, 1937	C,G, 1½	D	Dug well.

Records of wells and springs in Travis County--Continued

No.	Distance from Creedmoor	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
974	1 mile southeast	Roger B. Tyler	--	Creek bank	--	20	36	2.0
975	1½ miles northeast	A. J. Langford	A. J. Langford	do.	1926	15	48	1.0
d/976	1 mile north	Axel Johanson	Dixie Oil Co.	Hillside	1925	745	--	--
977	1½ miles northwest	Jake Sneed	--	Creek bank	--	10	36	0.5
978	do.	Sam Young	--	do.	--	20	36	3.0
979	2 miles west	Travis County	--	Creek valley	--	11	30	1.0
980	3¼ miles northwest	Willie Woods	--	Creek bed	--	19	36	2.0
981	4½ miles northwest	H. F. Heep	--	In draw	--	24	36	2.5
982	do.	J. L. Durrozet Est.	--	Hilltop	--	341	--	0.5

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

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

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

No.	Water level		Method of lift b/ c/	Use of water c/	Remarks
	Above or below measuring point (ft.)	Date of measure- ment			
974	5.91	Aug. 19, 1937	None	N	Dug well. Cased to bottom.
975	6.99	do.	B,H	D,S	Do.
976	--	--	None	N	Oil test. See log.
977	7.19	Aug. 20, 1937	B,H	D,S	Dug well. Cased to 7 feet.
978	7.61	do.	C,W	D,S	Dug well. Cased to bottom.
979	9.04	do.	None	S	Do.
980	3.62	do.	C,W	D,S	Do.
981	7.29	Aug. 5, 1937	None	N	Dug well. Cased to 3 feet.
	4.36	Jan. 12, 1938			
982	149.01	June 27, 1939	None	N	

d/ No water sample collected for analysis.

e/ Water level reported.

Table of drillers' logs, Travis County, Texas

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 16</u>		
Mrs. Blanche G. Dougherty ranch, 12 miles northwest of Mansfield Dam. Altitude of land surface, 1,024 feet.		
Lime, sandstone - - - - -	49	49
Gray limestone - - - - -	35	84
Gray shelly limestone - - -	46	130
Shelly limestone - - - - -	85	215
Lime, sandstone - - - - -	36	251
Blue gumbo - - - - -	7	258
Limestone - - - - -	107	365
Limestone, shale - - - - -	14	379
Coarse-grained water gravel	66	445
Coarse-grained water gravel, lime - - - - -	55	480
Hard limestone boulders, blue gumbo in layers - -	11	491
Lime, gypsum, blue gumbo in layers - - - - -	17	508
Limestone - - - - -	6	514
Hard limestone - - - - -	15	529
Shelly, hard layers of limestone - - - - -	7	536
Shelly shale, shell and hard limestone, shale in layers	5	541
Brown and blue gumbo in layers - - - - -	17	558
Sand rock - - - - -	6	564
Chocolate-colored gumbo - -	17	581
Hard limestone - - - - -	1	582
Brown and blue shale - - -	4	586
Brown and blue shale, boulders - - - - -	26	612
Gravel, red gumbo - - - - -	12	624
Limestone - - - - -	15	639
Red gumbo - - - - -	15	654
Blue gumbo, lime layers - -	3	657
Lime and blue gumbo in layers - - - - -	8	665
Blue gumbo and lime layers - - - - -	7	672
Lime and gypsum in layers -	4	676
Gypsum, lime - - - - -	3	679
Lime rock - - - - -	20	699
Gray shelly lime - - - - -	29	728
Shale and gumbo in thin layers - - - - -	15	743
Blue and brown shale, gumbo with sand and sulphur - -	30	773
Blue gumbo with sand - - -	5	778
Blue shale, sand - - - - -	3	781

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 16--Continued</u>		
Corrected depth - - - - -	--	653
Shale, gumbo, boulders -	15	668
Blue gumbo, shale - - - - -	88	756
Shale, blue and brown gumbo	10	766
Shale, gumbo, lime - - - -	5	771
Blue gumbo - - - - -	3	774
Sand and lime - - - - -	2	776
Lime, sand, gumbo - - - - -	12	788
Lime, sand - - - - -	5	793
Dark gray sand - - - - -	2	795
Lime, sand rock - - - - -	8	803
Black shale - - - - -	12	815
Corrected depth - - - - -	--	764
Lime, sand rock - - - - -	4	768
Iron rock - - - - -	6	774
Slate - - - - -	11	785
Slate, iron rock - - - - -	3	788
Blue gumbo, white gravel-	4	792
Slate - - - - -	12	804
Corrected depth - - - - -	--	789
TOTAL DEPTH - - - - -		789

<u>Driller's log of well 44</u>		
S. C. Pearson ranch, 6 miles northwest of Mansfield Dam.		
White and yellow limestone	14	14
Gummy blue limestone - -	326	340
Blue limestone with grit-	50	390
White limestone and sand	16	406
Sand - - - - -	16	422
TOTAL DEPTH - - - - -		422
CASING RECORD: 14 feet of blank 6-inch steel casing at top.		

<u>Driller's log of well 159</u>		
City of Austin park on Lake Austin, 5½ miles southeast of Mansfield Dam. Altitude of land surface, 675 feet.		
Surface soil and trap rock	2	2
Limestone - - - - -	30	32
Hard blue shale - - - - -	5	37
White limestone - - - - -	48	85
Blue shale and white lime flags. (Produced 30 gallons of water in 12 hours.) - - - - -	15	100
(Continued on next page)		

Table of drillers' logs, Travis County--Continued

	Thickness (feet)	Depth (feet)
Driller's log of well 159--Continued		
White limestone - - - -	112	212
Porous limestone (good water zone) - - - -	33	245
White limestone - - - -	9	254
TOTAL DEPTH		254
CASING RECORD: 10 and 6-inch steel casing to bottom, bottom 20 feet per- forated.		

Driller's log of well 181		
Travis Cook ranch, $7\frac{1}{2}$ miles south of Mansfield Dam. Altitude of land surface, 775± feet.		
White lime - - - -	5	5
Yellow clay - - - -	7	12
White lime - - - -	21	33
Gumbo - - - -	4	37
Broken lime - - - -	28	65
Gumbo - - - -	15	80
Sandy lime, broken	15	95
Gray shale - - - -	50	145
Sand, lime - - - -	15	160
White water sand -	10	170
Sandy shale - - - -	20	190
Lime sand, broken -	20	210
Hard gray lime - -	15	225
Sand, lime shells -	10	235
Shale - - - -	30	265
Sea shells - - - -	10	275
Shale - - - -	15	290
Hard lime - - - -	5	295
Sandy shale - - - -	5	300
Dry sand (water) -	15	315
Sandy shale - - - -	5	320
Gravel - - - -	12	332
White water sand -	28	360
Sandy lime, broken	5	365
Sandy shale - - - -	20	385
Fine-grained white sand - - - -	40	425
Sand, shells - - - -	5	430
Gray shale - - - -	15	445
Lime shells - - - -	2	447
Hard white lime (water)	3	450
Sandy shale - - - -	15	465
Gray shale - - - -	25	490
Sand - - - -	20	510
Lime shells - - - -	10	520
Blue shale - - - -	30	550
Hard white lime - -	3	553
Shale - - - -	7	560
Sandy shale - - - -	15	575
Gumbo - - - -	15	590
Gray sand - - - -	12	602

	Thickness (feet)	Depth (feet)
Driller's log of well 181--Continued		
Hard lime - - - -	4	306
Shale - - - -	14	620
Sand, hole full of water	20	640
Blue shale - - - -	30	670
Sand, red beds (water at 700 feet, hole full of water) - - - -	150	820
Lime - - - -	2	822
Coarse-grained sand, (water at 900+ feet)	113	935
Yellow clay - - - -	35	970
Sand - - - -	10	980
Black shale; little flakes of white at 1070 - - - -	90	1070
Black shale, no water	765	1835
CASING RECORD : 8-inch to 946 feet, perforated.		

Driller's log of well 206		
Wiley and Johnson tract, at Beeceaves, $6\frac{3}{4}$ miles southwest of Mansfield Dam.		
White limestone - - - -	287	287
Blue shale - - - -	20	307
Granite - - - -	128	435
TOTAL DEPTH		435
CASING RECORD : 6-inch steel to 15± feet.		

Driller's log of well 233 1/2		
H. Reimers ranch near Hamilton Pool $13\frac{1}{2}$ miles southwest of Mansfield Dam. Altitude of land surface, 800± feet.		
Soil - - - -	2	2
Sandy limestone - -	38	40
Shell - - - -	1	41
Blue shale - - - -	14	55
Blue limestone - -	4	59
Blue clayey shale -	25	84
Shale - - - -	3	87
Blue lime - - - -	7	94
Brown shale - - - -	8	102
Red clayey shale -	7	109
Hard sandstone, dark:	4	113
Sandstone, brown -	25	138
White limestone - -	11	149
Brown limestone - -	16	165
Red clay - - - -	10	175
Red sand and gravel	8	183
Lime and shells - -	4	187
Red sandstone - - -	9	196
(Continued on next page)		

Table of drillers' logs Travis County--Continued

	Thickness (feet)	Depth (feet)
Driller's log of well 233 1/--Continued		
White limestone and shells - - - - -	4	200
Red clay and gravel	45	245
White limestone and shells - - - - -	5	250
Red clay and gravel	15	265
White sandstone - -	1	266
Blue shale, base of Travis Peak? - -	2	268
Yellow and blue clay	10	278
Yellow and green clay	12	290
Olive green gumbo -	3	293
Gray clayey shale -	12	305
Black sandy shale -	15	320
Gray clayey shale -	45	365
Hard black shale -	40	405
Blue shale - - - - -	5	410
Black slate - - - - -	4	414
Blue slate - - - - -	31	445
Blue shale - - - - -	31	476
Shale and slate - -	16	492
Blue shale - - - - -	5	497
Black slate - - - - -	53	550
Black shale - - - - -	80	630
Black shale, flags, and gray lime - - - - -	26	656
Gray lime - - - - -	1	657
Black shale - - - - -	1	658
Gray lime - - - - -	2	660
Black slate - - - - -	35	695
Black slate and lime flags - - - - -	35	730
Black slate and sandy lime - - - - -	15	745
Black shale, oil show	9	754
Shale and slate, oil show - - - - -	59	813
Limestone - - - - -	3	816
Shale and lime - - -	6	822
Shale - - - - -	2	824
Gray limestone - -	42	866
Black shale - - - - -	5	871
Gray lime - - - - -	1	872
Black shale - - - - -	112	984
Gray lime - - - - -	2	986
Black shale - - - - -	44	1030
Black shale and flint rock - - - - -	30	1060
Black shale - - - - -	74	1134
TOTAL DEPTH - - - - -		1134

1/Sellards, E. H. Mineral Resources of Texas, Travis County: Bureau of Econ. Geology, University of Texas, pp. 67-68, 1930.

	Thickness (feet)	Depth (feet)
Driller's log of well 274		
John Mus tract, 9 $\frac{1}{2}$ miles northeast of the State Capitol.		
Chalk - - - - -	100	100
Blue clay - - - - -	40	140
White chalk - - - -	50	190
Blue clay - - - - -	40	230
White limestone (water at 250 and 387 feet, bailed $\frac{1}{2}$ and 2 $\frac{1}{2}$ gallons per minute) - -	180	410
Gray limestone - -	13	423
TOTAL DEPTH- - - -		423
CASING RECORD: 5 $\frac{3}{4}$ -inch blank steel to 160 feet.		

	Thickness (feet)	Depth (feet)
Driller's log of well 277		
Mary Bird tract, 9 $\frac{1}{2}$ miles northeast of the State Capitol.		
White limestone - -	60	60
Dark-colored sticky gumbo - - - - -	26	86
Gumbo - - - - -	14	100
Gumbo and iron - -	6	106
Gumbo, water - - -	39	145
Gumbo and lime - -	20	165
Shale, gumbo and lime-stone, asphaltic	36	201
Lime and gumbo - -	55	256
Hard lime - - - - -	54	310
Limestone - - - - -	85	395
Hard limestone - -	225	620
Hard blue lime - -	20	640
Sticky white mud -	10	650
Lime and gumbo - -	90	740
TOTAL DEPTH		740

	Thickness (feet)	Depth (feet)
Log of well 333 2/		
Interpretation of log by C. C. Babb, U. S. Geol. Survey.		
State of Texas tract, in Austin at the Insane Asylum, 2 $\frac{1}{2}$ miles north of the State Capitol. Altitude of land surface, 635 feet.		
Dark shale - - - - -	80	80
Very hard limestone (Buda) - - - - -	25	105
Blue marl (Del Rio)	90	195
Limestone and alternations of limestone, marl and sand -	1105	1300
Water-bearing sand	15	1315
Limestone - - - - -	60	1375

(Continued on next page.)

Table of drillers' logs, Travis County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 333 2/--Continued</u>		
Rotten shale - - - -	50	1425
Limestone - - - - -	60	1485
Sand, water-bearing	315	1800
Blue shale or marl; no limestone - - - - -	175	1975
TOTAL DEPTH		1975

2/ Hill, R. T., Geography and
Geology of the Black and Grand Prairies,
Texas, U. S. Geol. Survey 21st Ann.
Rept. Part 7, p. 508, 1899-1900.

<u>Driller's log of well 334</u>		
E. P. Collins tract, 3 miles north of the State Capitol.		
Soil and rock - - - -	28	28
Chalk - - - - -	122	150
Shale - - - - -	45	195
Limestone - - - - -	25	220
Clay - - - - -	56	276
Limestone (water at 424+ feet) - - - - -	150	426
TOTAL DEPTH		426

<u>Driller's log of well 337</u>		
State Highway Dept., at Camp Hubbard $3\frac{1}{4}$ miles northwest of the State Capitol. Altitude of land surface, 625 feet.		
Surface material - - - -	5	5
Gravel - - - - -	15	20
Clay, boulders (water) -	10	30
Clay - - - - -	70	100
White limestone and marly beds - - - - -	100	200
Limestone (water at 230, 310 and 375 feet) - -	205	405
TOTAL DEPTH		405

<u>Driller's log of well 343</u>		
Travis County Water District No. 2 pumping plant, $4\frac{3}{4}$ miles northeast of the State Capitol.		
Soil - - - - -	3	3
Soft chalk - - - - -	8	11
Chalk - - - - -	67	78
Soft broken chalk	15	93
Chalk - - - - -	8	101
Hard shale - - - - -	49	150
Harder shale - - - - -	16	166
Limestone - - - - -	41	207
Hard clay - - - - -	28	235
Blue clay - - - - -	31	266
Limestone - - - - -	11	277
Hard limestone - - - -	23	300

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 343--Continued</u>		
Limestone and few layers of shale -		
	47	347
Hard sticky shale -	4	351
Lime and shale - -	4	355
Lime - - - - -	35	390
Hard layers lime -	5	395
Medium hard layers lime - - - - -	8	403
Core lime - - - - -	4	407
Hard lime - - - - -	4	411
Soft lime - - - - -	5	416
Hard lime and rock	4	420
Soft lime - - - - -	3	423
Rock - - - - -	2	425
Hard lime - - - - -	12	437
Soft and rough lime	2	439
Hard lime - - - - -	2	441
Soft lime - - - - -	1	442
Soft and rough lime	2	444
Hard lime - - - - -	4	448
Soft and rough lime	2	450
Soft lime (water 402 to 458 feet) - - - - -	8	458
TOTAL DEPTH		458
CASING RECORD: Blank 10 $\frac{3}{4}$ and 6-inch to 406 feet, 6-inch screen 406 to bottom.		

<u>Driller's log of well 345</u>		
Thurlow B. Weed Jr. tract, 5 miles northeast of the State Capitol.		
Chalk - - - - -	167	167
Clay and limestone	38	205
Limestone - - - - -	29	234
Clay - - - - -	70	304
Limestone with marly beds - - - - -	80	384
Limestone (water)	72	456
TOTAL DEPTH		456
CASING RECORD: Steel 6 and 4-inch to bottom.		

<u>Log of well 353 3/</u>		
From interpretation of log by E. H. Sellards W. F. Robinson farm, $6\frac{1}{2}$ miles northeast of the State Capitol. Altitude of land surface, 725+ feet.		
Austin chalk - - - - -	100	100
Eagle Ford clay and limestone - - - - -	35	135
Buda limestone - - - -	40	175
Del Rio clay - - - - -	65	240

(Continued on next page.)

Table of drillers' logs, Travis County--Continued

	Thickness (feet)	Depth (feet)
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Log of well 353 3/4--Continued

Georgetown and Edwards limestone (water at 350 feet) - - - - -	155	595
TOTAL DEPTH		395
CASING RECORD: Blank 5-3/16-inch steel to 248 feet. 3/4 Sellards, E. F., op. cit. pp. 63-64.		

Driller's log of well 361

W. D. Brooks tract, 6 1/4 miles north of the State Capitol.		
Surface material - - -	18	18
Chalk - - - - -	3	21
Shale - - - - -	42	63
Lime - - - - -	29	92
Clay - - - - -	70	162
Lime - - - - -	133	295
Lime and flint - - -	30	325
TOTAL DEPTH		325
Water, 1 to 2 barrels per hour.		

Driller's log of well 363

Mrs. A. L. Zinzer tract, 6 miles north of the State Capitol.		
Limestone - - - - -	98	98
Blue rock, some layers of clay (water at 150 feet) - - - - -	492	590
Hard light gray limestone	27	617
TOTAL DEPTH		617
CASING RECORD: Blank 6-inch steel to 10 feet.		

Driller's log of well 430

Boy Scouts of America camp, 6 miles northwest of the State Capitol.		
Limestone - - - - -	200	200
Sand and clay - - - -	35	235
Limestone - - - - -	135	370
Shale - - - - -	20	390
Limestone - - - - -	10	400
Fine sand (strong supply of water) - - - - -	15	415
Limestone (sandy) - -	15	430
Shale - - - - -	37	467
Limestone - - - - -	8	475
Shale - - - - -	15	490
Sand - - - - -	352	842
(Water at 530, 575, 590 to 600, 635 and 700 feet. Flowing at 590 to 600 feet. Flowing 30 to 50 gallons per minute at 635 feet.)		

	Thickness (feet)	Depth (feet)
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Driller's log of well 443

W. S. Adkins et al, addition, 4 1/2 miles northwest of the State Capitol. Known as "Cerro Tecolote" well. Altitude of land surface, 990+ feet.		
Gray limestone, cherty	39	39
Blue limestone - - - -	31	70
Blue limestone with marl - - - - -	10	80
Blue limestone - - - -	38	118
Yellow limestone - - -	47	165
Blue limestone -- -- -	243	408
Greenish and grayish gumbo (prominent caving)	14	422
Blue limestone (water at 460 to 475 and 590 feet) - - - - -	97	519
Blue gumbo - - - - -	5	524
Dark blue limestone -	32	556
Sand (water at 560 feet)	4	560
Blue limestone (water at 588 feet) - - - - -	34	594
Gray limestone - - - -	56	650
Hard limestone - - - -	10	660
Blue limestone and sand (water at 712 feet) - - - - -	66	726
Gray limestone - - - -	47	773
Blue gumbo (5 feet of prominent sticky gumbo) - - - - -	4	777
Hard sandy dark blue limestone - - - - -	49	826
Alternating strata limestone and gumbo		
Blue gumbo (caving) -	12	868
Blue limestone - - - -	4	872
Blue gumbo (caving) -	4	876
Hard blue limestone -	13	889
White water sand - -	6	936
Alternating streaks light brown sand rock and packsand (water)		
	41	977
TOTAL DEPTH		977
CASING RECORD: 650 feet of 6-inch and 243 feet of 5-inch.		

Driller's log of well 500 4/

Mrs B. B. Davis farm, 8 miles southwest of the State Capitol.		
Joint clay and gravel -	13	13
Joint clay (Eagle Ford)	67	80
(Continued on next page.)		

Table of drillers' logs, Travis County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 500 4/--Continued</u>		
White lime rock (Buda and Del Rio) - - -	50	130
Blue clay (Buda and Del Rio) - - - - -	10	140
Rock mixed with clay and yellow sand (Georgetown and Edwards and white sand rock with water (Georgetown and Edwards) - - - - -	210	350
TOTAL DEPTH		350
CASING RECORD: 4-inch steel. 4/Hill, R. T., op. cit. p. 507.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 685</u>		
J. Sollberger tract, 5½ miles south- west of the State Capitol.		
Rock - - - - -	175	175
Mud - - - - -	40	215
Rock - - - - -	?	?
Mud - - - - -	?	305
Rock - - - - -	97	402
TOTAL DEPTH		402
CASING RECORD: 0 to 10 feet, blank 6- inch steel and 165 to 345 feet, 6-inch steel perforated at 202 feet.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 693</u>		
Tennyson tract, 4 miles southwest of the State Capitol.		
Surface clay - - - - -	10	10
White rock - - - - -	175	185
Black stony clay - - - - -	75	260
White limestone - - - - -	40	300
Clay - - - - -	70	370
Limestone and marl - - - - -	--	370
TOTAL DEPTH		370

	Thickness (feet)	Depth (feet)
<u>Log of well 694 5/</u>		
From interpretations from samples and driller's notes by E. H. Sellards.		
W. B. Lovelace tract, 3½ miles south- west of the State Capitol.		
Austin chalk, Eagle Ford clay and limestone and Buda limestone - - - - -		
	262	262
Del Rio clay - - - - -	65	327
Georgetown, Edwards and Comanche limestones and Walnut clay - - - - -	453	780+
Glen Rose limestone - - - - -	--	780+
TOTAL DEPTH		780+
5/Sellards, E. H., op. cit. p. 62.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 697</u>		
City of Austin, Stacy Swimming Pool 2½ miles south of the State Capitol. Altitude of discharge pipe, 524 feet.		
Soil - - - - -	6	6
Lime rock - - - - -	189	195
Sand and shale - - - - -	15	210
Lime rock - - - - -	30	240
Black shale - - - - -	35	275
Blue lime rock - - - - -	35	310
Blue mud - - - - -	35	345
Black shale - - - - -	39	384
Rock - - - - -	399	783
Flint rock - - - - -	16	799
Hard rock - - - - -	29	828
Rock - - - - -	142	970
Hard rock - - - - -	47	1017
Rock - - - - -	104	1121
Soft lime - - - - -	34	1155
Rock and black shale - - - - -	22	1177
Rock - - - - -	62	1239
Hard rock - - - - -	21	1260
Rock - - - - -	374	1634
Limestone and conglomerate	40	1674
Sand rock - - - - -	17	1691
Sand - - - - -	13	1709
Sand rock - - - - -	15	1724
Sand - - - - -	121	1845
Shale - - - - -	5	1850
Sand - - - - -	43	1893
Shale - - - - -	14	1907
Sharp sand - - - - -	18	1925
Fine sand - - - - -	12	1937
Hard sand - - - - -	7	1944
Shale - - - - -	23	1967
Sand rock and lime - - - - -	33	2000
Shale - - - - -	28	2028
Sticky shale - - - - -	7	2035
Hard rock - - - - -	8	2043
Shale and lime - - - - -	28	2071
Lime rock - - - - -	13	2084
Rock - - - - -	12	2096
Shale - - - - -	18	2114
Rock - - - - -	12	2126
Fine sand rock, lime and cement - - - - -	25	2151
Hard rock - - - - -	9	2160
Sand and rock - - - - -	11	2171
Rock - - - - -	7	2178
Sand - - - - -	3	2181
Porous rock - - - - -	8	2189

(Continued on next page)

Table of drillers' logs, Travis County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 697--Continued</u>		
Sand and rock - - - - -	24	2213
Shale - - - - -	20	2233
Rock and shale - - - - -	13	2246
TOTAL DEPTH		2246
CASING RECORD: 1,634 feet of 6-5/8-inch, 572 feet of 5-3/16 and 4 1/2-inch.		

<u>Log of well 698 6/</u>		
From interpretations from log and samples by E. H. Sellards. O. O. Norwood, in Travis Heights in Austin, 2 miles south of the State Capitol. Altitude of land surface, 475+ feet.		
Austin chalk - - - - -	208	208
Eagle Ford clay and limestone, Buda limestone and Del Rio clay - - -	140	348
Georgetown limestone to Travis Peak formation, inclusive - - - - -	1247	1595
TOTAL DEPTH		1595
CASING RECORD: 8-inch to bottom. 5/ Sellards, E. H., op. cit. p. 62.		

<u>Driller's log of well 699</u>		
J. D. Elliot place, 5 miles southwest of the State Capitol.		
Surface material - - - - -	10	10
Chalk - - - - -	116	126
Clay and limestone - - -	14	140
Limestone - - - - -	16	156
TOTAL DEPTH		156
CASING RECORD: 6-inch cast iron to 10 feet.		

<u>Log of well 700 2/</u>		
F. B. Perry, in Austin, 1/2 mile south of the State Capitol.		
Surface dirt - - - - -	20	20
Gravel bed (water) - - -	5	25
Limestone - - - - -	100	125
Shale - - - - -	70	195
Limestone - - - - -	25	220
Blue marl - - - - -	40	260
Limestone - - - - -	100	360
Sand rock - - - - -	10	370
Limestone - - - - -	70	440
Sand rock and limestone (sulphur water) - - - -	150	590
Limestone - - - - -	600	1190
Sand rock (water) - - - -	25	1215
Limestone - - - - -	300	1515

	Thickness (feet)	Depth (feet)
<u>Log of well 700 2/--Continued</u>		
Blue shale - - - - -	60	1575
Limestone - - - - -	100	1675
Sand rock, main flow - -	200	1875
Blue shale - - - - -	40	1915
Sand rock - - - - -	50	1965
Blue shale - - - - -	60	2025
Shale - - - - -	--	--
TOTAL DEPTH		2025
CASING RECORD: 300 feet of 10-inch; 600 feet of 8-inch; 300 feet of 7-inch and 200 feet of 6-inch.		
Z/Hill, R. T., op. cit. pp. 509-510.		

<u>Log of well 701 3/</u>		
State of Texas. Under the State Capitol.		
Soil and subsoil - - - -	5	5
Soft white chalky limestone, disintegrating more or less rapidly on exposure to the air - - - - -	18	23
Moderately hard, bluish-gray and cream-colored argillaceous limestone, containing teeth and scales of fishes, <u>Inoceramus</u> (<u>Trichites</u>) <u>lexouxii</u> , ammonites, and other fossil remains -	94	117
Dark, bluish-gray, indurated marl - - - - -	14	131
Compact, bluish-gray limestone - - - - -	31	162
Blue, marly clay with fossil shells coated with iron pyrites, chiefly <u>Exogyra arietina</u> , <u>Janira</u> and <u>Dentalina</u> - - - - -	70	232
Hard, dark bluish-gray earthy pyritiferous limestone and shale, containing <u>Exogyra arietina</u> , <u>Gryphea pitcheri</u> , <u>Janira</u> and <u>Toxaster</u> . Many of the fossils of these strata are wholly or in part composed of iron pyrites - - - - -	47	279
Soft sandy argillaceous limestone, with fossils like those at 232 to 279 feet - - - - -	25	304

(Continued on next page)

Table of drillers' logs, Travis County--Continued

Thickness		Depth	Thickness		Depth
(feet)		(feet)	(feet)		(feet)
<u>Log of well 701 8/--Continued</u>			<u>Log of well 702 9/--Continued</u>		
Soft, earthy, sandy, fine-grained limestone of a dull gray hue - - - - -	6	310	Blue clay, shale (arictina clay) - - - - -	59	239
Indurated, bluish-gray silico-magnesian limestone, containing a good deal of sulphuret of iron - - - - -	6	316	Light colored limestone (Washita) - - - - -	13	252
Grayish white, earthy, fine-textured sandy limestone (magnesian?), with <u>Toxaster</u> and <u>Exogyra</u> . Water at 323 feet; rose to 285 feet to within 40 feet of surface - - - -	13	329	Darker limestone (Washita) Limestone, light, dark and yellowish - - - - -	15	267
Bluish-gray sandy magnesian limestone with thin marly partings and abounding in organic remains- <u>Exogyra arictina</u> , <u>Gryphea pitcheri</u> , <u>Janira Dentalina</u> , and fish teeth. Many of these fossils are coated with sulphuret of iron, which gives to them an elegantly bronzed appearance - - - - -	48	377	Limestone, grayish yellow (Washita) - - - - -	75	342
Gray, earthy limestone, of a fine sandy texture, gypsum, nodules of flint, and masses of iron pyrites, and also a few organic remains, chiefly <u>Exogyra</u> and <u>Toxaster</u> - - - - -	94	471	Water-bearing sand - - - -	4	374
TOTAL DEPTH		471	(At this point the water was strongly impregnated with sulphuretted hydrogen, and has a salty taste. The water gradually rose in the well until it stood within 30 feet of the floor of the derrick, and there was therefore 344 feet of water in the well.)		
<u>8/Description of samples by B. F. Shumard. Texas Almanac, Richardson and Co., Vol. 111 pp. 161-162 Galveston, 1859.</u>			Water-sand with shaly clay and thin layers of limestone - - - - -	128	502
<u>Log of well 702 9/</u>			Limestone with traces of sand - - - - -	8	510
State of Texas: On State Capitol grounds.			Limestone - - - - -	20	530
Clay, soil, sand and clay - -	7	7	Limestone with chalk flint	17	547
Drift and white Cretaceous limestone - - - - -	18	25	Limestone without flint -	4	551
Bluish Cretaceous limestone	43	68	Limestone with thin layers of clay, shale - - - - -	20	571
Gray argillaceous limestone	33	106	Limestone, lighter color, without clay, shale - -	4	575
Shaly limestone, harder than preceding, with bands of harder material - - - - -	42	148	Yellowish light and dark limestone, gray - - - -	237	812
Limestone, hard, light and dark - - - - -	20	168	Limestone, dark gray and lighter color, with clay, shale - - - - -	28	840
Clay, shale with fine pebbles and pyrite - - - - -	12	180	Yellowish limestone with blue shale - - - - -	10	350
			Blue clay, shale with limestone - - - - -	36	886
			Yellowish limestone with shale - - - - -	59	945
			Yellowish gray limestone-	6	951
			Yellowish and light gray limestone, with shale -	22	973
			Yellowish limestone - - -	12	985
			Yellowish gray limestone-	4	989
			Bluish shaly limestone -	4	993
			Gray shaly limestone - -	8	1001
			Gray and yellow limestone	3	1004
			Yellowish gray limestone-	3	1007
			Yellowish gray limestone with shale - - - - -	16	1023

(Continued on next page)

Table of drillers' logs, Travis County--Continued

	Thickness (feet)	Depth (feet)
<u>Log of well 702 9/--Continued</u>		
(At this point the drill rods were broken and lodged in the well, and this well was abandoned, December 31, 1889. January 1, 1890, the derrick was moved 8 feet to the southeast and a new hole started with 3-inch bit on January 3. On February 6, the depth of 1,023 feet was reached in the new hole.)		
Grayish yellow limestone with clay - - - - -	10	1033
Blue clay with little limestone - - - - -	15	1048
Bluish gray limestone with a little clay -	10	1058
Blue clay, shale and limestone - - - - -	10	1068
Grayish yellow limestone with blue clay shale -	84	1152
Gray limestone without shale - - - - -	6	1158
Gray limestone - - - - -	12	1170
Gray limestone with blue shale - - - - -	5	1175
Yellow gray limestone without shale - - - - -	32	1207
Yellow gray limestone with clay - - - - -	24	1231
Yellow gray limestone without clay - - - - -	9	1240
Yellow gray limestone with yellow clay, shale - -	23	1263
Yellow gray limestone without clay - - - - -	4	1267
Yellow gray limestone with a little clay -	4	1271
Yellow gray limestone mixed with about 50% white clay - - - - -	17	1288
Yellowish gray limestone without clay - - - - -	4	1292
Yellowish gray limestone	9	1301
Yellow gray limestone with a little white clay -	31	1332
Yellow gray limestone -	12	1344
Yellow gray limestone with a little clay -	16	1360
Yellow limestone of light color - - - - -	21 $\frac{1}{2}$	1381 $\frac{1}{2}$
Limestone, light yellow	14 $\frac{1}{2}$	1396

	Thickness (feet)	Depth (feet)
<u>Log of well 702 9/--Continued</u>		
Limestone, light yellow, with clay - - - - -	4 $\frac{1}{2}$	1400 $\frac{1}{2}$
Limestone, darker, with clay - - - - -	5 $\frac{1}{2}$	1406
Limestone, dark to medium yellow, with sand - -	11	1417
Limestone, dark to medium yellow with bluish clay	5	1422
Limestone, dark to medium yellow with sand - - -	5	1427
Sand, with limestone, dark shale and pyrite - - -	10	1437
(At this point the water flowed out in a solid stream, 2 $\frac{1}{2}$ by 3 $\frac{1}{2}$ inches.)		
Dark clay, shale with limestone - - - - -	13	1450
Dark clay, shale with limestone and sand - - -	5	1455
Water sand with little limestone - - - - -	5	1460
Yellow gray limestone with sand and dark clay - -	47	1507
Dark clay, shale with limestone and sand - - - -	4	1511
Dark clay, shale with limestone sand and pyrite -	8	1519
Dark clay, shale, calcareous, with sand and flint - - -	35	1554
TOTAL DEPTH		1554
At this point the well was discontinued, the flow of water being 86,400 gallons per 24 hours, March 8, 1890.		
9/Sellards, D. E., op. cit. pp. 53-55.		
Log revised from notes of D. W. Dumble.		
<u>Driller's log of well 719</u>		
Holmstrom and Caffey tract, 6 $\frac{1}{2}$ miles southeast of the State Capitol.		
Clay - - - - -	18	18
Serpentine - - - - -	320	338
Chalk - - - - -	132	470
Bentonite - - - - -	71	541
Limestone - - - - -	13	554
Shale - - - - -	4	558
Chalk - - - - -	42	600
Formation unknown - - -	100	700
Limestone - - - - -	250	950
Formation unknown - - -	75	1025
TOTAL DEPTH		1025

Table of drillers' logs, Travis County--Continued

	Thickness (feet)	Depth (feet)
<u>Partial driller's log of well 775</u>		
Mrs. O. L. Brady farm, 10 $\frac{1}{4}$ miles north-west of Manor.		
Surface soil - - - - -	6	6
Chalk, lime rock - - - -	100	106
Clay, limestone, shale -	50	156
Limestone - - - - -	42	198
Clay - - - - -	70	268
Limestone (water at bottom)	267	535
TOTAL DEPTH		1435

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 776</u>		
Mrs. O. L. Brady farm, 10 $\frac{1}{4}$ miles north-west of Manor.		
Chalk and rock - - - -	210	210
Clay, limestone, shale	44	254
Limestone - - - - -	40	294
Clay - - - - -	64	358
Limestone - - - - -	139	497
Rock (water) - - - -	55	552
TOTAL DEPTH		552
CASING RECORD: 373 feet of 5-inch at top.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 782</u>		
-- Kumpke tract, 8 $\frac{1}{2}$ miles north-west of Manor.		
Soil - - - - -	3	3
White soil - - - - -	27	30
Shale - - - - -	15	45
Chalk - - - - -	180	225
Blue shale - - - - -	35	260
Dark-colored shale - - -	45	305
Lime, little water - - -	35	340
Blue shale - - - - -	67	407
Hard white lime - - - -	103	515
Porous lime, water - - -	94	609
TOTAL DEPTH		609
CASING RECORD: 420 feet of 10 and 6-inch at top.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 783</u>		
Pflugerville Gin Co. lot in Pflugerville, 8 miles northwest of Manor.		
Surface material - - - -	4	4
Blue lime - - - - -	46	50
Sandy yellow lime (water)	10	60
Blue broken lime - - - -	26	86
Hard lime - - - - -	4	90
White chalk - - - - -	25	115
Blue shale - - - - -	7	122
White chalk - - - - -	181	303

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 783--Continued</u>		
Sandy gray shale - - - -	32	335
Black shale - - - - -	32	367
Gray hard cap - - - - -	5	372
Gray limestone - - - - -	30	402
Blue clay - - - - -	45	447
Bluish-gray limestone, soft	13	460
Bluish-gray limestone, tough	23	483
White limestone - - - - -	111	594
Limestone, black flint streaks - - - - -	6	600
Porous limestone - - - -	15	615
Hard gray limestone (tested 12 gallons per minute)- -	16	631
Porous limestone (tested 50 gallons per minute) - - -	59	690
Hard gray limestone - - - -	6	696
TOTAL DEPTH		696
CASING RECORD: 492 feet of 6-5/8-inch at top.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 803</u>		
Carlson farm, 9 $\frac{3}{4}$ miles north of Manor.		
Blue clay - - - - -	190	190
Serpentine - - - - -	1	191
Gray marl - - - - -	89	280
Sandy marl and shells - -	5	285
Gray marl - - - - -	15	300
Boulder - - - - -	--	300
TOTAL DEPTH		300

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 804</u>		
Bengston farm, 10 $\frac{1}{2}$ miles northeast of Manor. Altitude of land surface, 571 feet.		
Surface - - - - -	64	64
Shale - - - - -	33	97
Rock - - - - -	3	100
Shale - - - - -	103	203
Rock - - - - -	117	320
Shale - - - - -	1	321
Sticky shale - - - - -	87	408
Shale and boulders - - -	46	454
Gray shale - - - - -	196	650
Sticky shale - - - - -	48	698
Shale - - - - -	85	783
Gumbo - - - - -	107	890
Shale - - - - -	16	906
Chalky shale - - - - -	60	966
Marl - - - - -	19	985
Shale - - - - -	104	1089
Sandy shale - - - - -	15	1104
Shale - - - - -	56	1160
Chalk - - - - -	160	1320

(Continued on next page.)

Table of drillers' logs, Travis County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 804--Continued</u>		
Shale - - - - -	410	1730
Limestone - - - - -	3	1733
Clay - - - - -	167	1900
Not known - - - - -	55	2052
TOTAL DEPTH		2052

<u>Driller's log of well 806</u>		
Alfred Carlson farm, 6 1/2 miles east of Manor. Altitude of land surface, 557 feet.		
Yellow and black shale	370	370
Dark shale - - - - -	180	550
White shale, hard streaks	145	695
Gray and white shale -	47	742
Serpentine - - - - -	384	1126
Chalk - - - - -	12	1138
TOTAL DEPTH		1138

<u>Driller's log of well 808</u>		
Ralph Richie farm, 2 miles northeast of Manor. Altitude of land surface, 550 feet.		
Surface - - - - -	50	50
Blue clay - - - - -	40	90
Shale - - - - -	170	260
Shell - - - - -	1	261
Loose shale - - - - -	247	508
Sticky shale - - - - -	70	578
Shale - - - - -	25	603
Sticky shale - - - - -	33	636
Hard-packed marl - - -	50	686
Sticky marl - - - - -	22	708
Chalk - - - - -	400	1108
Shale - - - - -	9	1117
TOTAL DEPTH		1117

<u>Driller's log of well 322</u>		
Anna Giese farm, 6 miles east of Manor. Altitude of land surface, 424 feet.		
Clay - - - - -	80	80
Hard clay - - - - -	35	115
Hard shale - - - - -	43	158
Shale - - - - -	26	184
Hard shale - - - - -	4	188
Shale - - - - -	78	266
Hard shale - - - - -	79	345
Shale - - - - -	65	410
Hard shale - - - - -	6	416
Shale - - - - -	26	442
Hard shale - - - - -	21	463
Shale - - - - -	6	469
Hard shale - - - - -	54	523
Shale and lime - - -	2	525
Hard shale - - - - -	21	546
Shell - - - - -	1	547

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 822--Continued</u>		
Hard shale - - - - -	81	628
Sticky shale - - - - -	26	654
Hard gummy shale - - -	46	700
Sandy shale - - - - -	1	701
Hard shale - - - - -	181	882
Hard gummy shale - - -	74	956
Hard shale - - - - -	83	1039
Shale - - - - -	85	1124
Shale and chalk - - - -	17	1141
Shale and serpentine - -	29	1170
Hard black shale and serpentine - - - - -	5	1175
Shale and serpentine - -	13	1188
Chalk - - - - -	72	1260
Chalk, shale streaks - -	28	1288
Chalk - - - - -	16	1304
Hard shale - - - - -	6	1310
Chalk - - - - -	3	1313
Shale and chalk - - - - -	92	1405
Chalk - - - - -	66	1471
Shale - - - - -	4	1475
Chalk - - - - -	74	1549
Shale - - - - -	13	1562
Limestone - - - - -	58	1620
Clay - - - - -	40	1660
Limestone - - - - -	2	1662
Clay - - - - -	18	1680
Limestone - - - - -	81	1761
Hard limestone - - - - -	9	1770
Limestone - - - - -	54	1824
Limestone and shale - - -	7	1831
Corrected depth - - - - -	-	1851
Shale and lime, streaked	21	1872
Shale and lime - - - - -	23	1895
TOTAL DEPTH		1895

<u>Driller's log of well 853</u>		
City of Manor block, in Manor at pumping plant.		
Top soil - - - - -	6	6
Yellow clay - - - - -	11	17
Gravel (water) - - - - -	7	24
Yellow clay - - - - -	31	55
Blue clay - - - - -	525	580
Chalk - - - - -	53	633
Chalk and pyrites - - -	66	699
Chalk and flint rocks -	36	735
Hard white flint - - - -	17	752
Chalk and pyrites - - -	38	790
Chalk, hard streaks - -	90	880
Chalk - - - - -	22	902
Chalk, hard streaks - -	63	965

(Continued on next page.)

Table of drillers' logs, Travis County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 853--Continued</u>		
Clay - - - - -	20	985
Broken limestone - - - - -	25	1010
White limestone - - - - -	155	1165
Limestone (sulphur water) - - - - -	477	1642
Hard blue shale - - - - -	38	1680
Limestone (bad water) - - - - -	62	1742
Hard limestone - - - - -	65	1807
Sandy limestone - - - - -	143	1950
Limestone - - - - -	200	2150
Clay - - - - -	210	2360
Sandy limestone and shale - - - - -	403	2763
Hard sandrock - - - - -	22	2785
Sand (water) - - - - -	216	3001
TOTAL DEPTH		3001
CASING RECORD: 1807 feet of 8-inch, cemented; 1012 feet of 6-inch; 266 feet of 4-inch and 60 feet of 4-inch, perforated with $\frac{1}{2}$ -inch hole.		

	Thickness (feet)	Depth (feet)
<u>Log of well 854 10/</u>		
Interpretation of log by R. T. Hill. City of Manor, in Manor near pumping plant.		
Black soil (Navarro) - - - - -	6	6
Yellow clay (Navarro) - - - - -	11	17
Flint rock and gravel (Navarro) - - - - -	3	20
Yellow and joint clay (Navarro) - - - - -	30	50
Blue clay. At 400 feet blue clay gets lighter color; from 435 to 480 very dark and caves some (Taylor) - - - - -	540	590
Rock. At about 800 feet deep soft strata in rock (Austin) - - - - -	410	1000
Shale. Caves badly (Eagle Ford) - - - - -	25	1025
Hard rock (Buda) - - - - -	50	1075
Blue clay (Del Rio) - - - - -	60	1135
Lime rock. Water at 1250 feet - no good (Georgetown) - - - - -	115	1250
Rock. At 1300 feet pyrite boulder (Edwards) - - - - -	50	1300
Rock. Hard and soft in places (Edwards) - - - - -	70	1370
Sandy and soft rock (Edwards) - - - - -	8	1378
Limestone (Edwards) - - - - -	42	1420
Solid limestone - - - - -	480	1900
Blue marl - - - - -	10	1910

	Thickness (feet)	Depth (feet)
<u>Log of well 854 10/--Continued</u>		
Solid limestone - - - - -	440	2350
Not given - - - - -	210	2560
TOTAL DEPTH		2560
CASING RECORD: 2560 feet of 6 and 4-inch, bottom perforated with $\frac{1}{2}$ -inch holes.		
<u>10/Hill, R. T., op. cit. pp. 511-512.</u>		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 858</u>		
B. F. Payton farm, $6\frac{1}{2}$ miles northwest of Manor.		
Surface material - - - - -	18	18
Blue lime - - - - -	66	84
Chalk - - - - -	231	315
Shale - - - - -	35	350
Limestone - - - - -	40	390
Shale - - - - -	70	460
Limestone - - - - -	460	920
Limestone and shale, alternating (water at 985 and 1185 feet) - - - - -	536	1456
TOTAL DEPTH		1456
CASING RECORD: 1070 feet of 6-inch at top, cemented with 77 sacks of cement.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 892</u>		
Russell C. Farkner farm, $5\frac{1}{4}$ miles northwest of Creedmoor.		
Limestone - - - - -	100	100
Hard limestone - - - - -	35	135
White clay - - - - -	59	194
Clay and limestone - - - - -	46	240
Sand, clay and limestone (water) - - - - -	20	260
Clay and limestone - - - - -	17	277
TOTAL DEPTH		277
CASING RECORD: 200 feet of $5\frac{1}{4}$ -inch at top.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 893</u>		
L. J. Trotti tract, $5\frac{1}{2}$ miles northeast of Creedmoor.		
Black soil and caliche - - - - -	1	1
Gravel (to $1\frac{1}{2}$ -inch diameter, water) - - - - -	20	21
Yellow clay - - - - -	9	30
TOTAL DEPTH		30

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 894</u>		
J. S. Durham tract, 5 miles northwest of Creedmoor.		
Clay and caliche - - - - -	2	2
(Continued on next page.)		

Table of drillers' logs, Travis County--Continued

	Thickness (feet)	Depth (feet)
Driller's log of well 894--Continued		
Clay, sand and gravel - -	12	14
Sand and gravel (water)	16	30
TOTAL DEPTH		30

Driller's log of well 951
James Ross farm, 4 1/2 miles northeast of Creedmoor. Altitude of land surface, 567 1/2 feet.

Black soil - - - - -	15	15
Yellow clay - - - - -	63	78
Gummy shale - - - - -	67	145
Packed shale, lime streaks - - - - -	236	381
Chalk - - - - -	32	413
Chalk and serpentine	28	441
Greenish gumbo - - -	4	445
Greenish brittle shale	44	489
Broken chalk - - - -	231	720
Shale - - - - -	24	744
Lime - - - - -	47	791
Clay - - - - -	55	846
Hard broken lime - -	51	897
Massive lime - - - -	23	920
Hard lime and flint	9	929
Lime, hard streaks	76	1005
TOTAL DEPTH		1005
Encountered no water.		

Log of well 951 11/
From interpretation from log of well No. 1 and samples of well No. 2 by E. H. Sellards.

Navarro and Taylor clay and marls - - - - -	940	940
Austin chalk - - - - -	309	1249
Eagle Ford shale - - -	45	1294
Buda limestone and Bel Rio clay - - - -	132	1426
Georgetown limestone -	116	1542
Edwards limestone - -	88	1630
TOTAL DEPTH		1630
11/ Sellards, E. H., op. cit. p. 60		

Log of well 956 12/
From interpretation from log and samples by E. H. Sellards.

Republic Bank and Trust Co. farm, 12 1/2 miles northeast of Creedmoor. Altitude of land surface, 488 feet.

Navarro and Taylor clay and marl - - -	1077	1077
Austin chalk - -	297	1374
Eagle Ford shale	39	1413
Buda limestone -	45	1458

	Thickness (feet)	Depth (feet)
Log of well 956 12/--Continued		
Del Rio clay and Georgetown limestone - - -	141	1599
Edwards limestone (Core 1600 feet) - - -	181	1780
TOTAL DEPTH		1780
12/ Sellards, E. H., op. cit. p. 63.		

Driller's log of well 957
Stark Washington farm, 11 1/4 miles northeast of Creedmoor.

Surface - - - - -	14	14
Water sand - - - - -	10	24
Sand rock - - - - -	4	28
Hard shale - - - - -	68	96
Gumbo - - - - -	19	115
Hard shale - - - - -	18	133
Blue gumbo - - - - -	31	164
Hard shale - - - - -	36	200
Sticky shale - - - - -	22	222
Gumbo and lime - - -	21	243
Hard shale - - - - -	110	353
Hard blue gumbo - - -	58	411
Sandy shale - - - - -	12	423
Lime, boulders - - -	41	464
Hard gumbo - - - - -	68	532
Sticky shale - - - - -	67	599
Shale - - - - -	98	697
Sticky lime, boulders	20	717
Gumbo and lime - - -	52	769
Blue shale, slate - -	31	800
Sandy lime - - - - -	43	843
Blue gumbo - - - - -	68	911
Sticky shale - - - - -	31	942
Soft gumbo and lime -	30	972
Gumbo, lime - - - - -	36	1008
Crystallized shale -	18	1026
Sandy gumbo - - - - -	15	1041
Blue gumbo - - - - -	9	1050
Hard gumbo, lime - -	22	1072
Sandy lime - - - - -	10	1082
Crystallized lime - -	17	1099
Sandy lime - - - - -	29	1128
Hard shale, lime - -	60	1188
Chalk - - - - -	152	1340
Sandy lime - - - - -	18	1358
Shale - - - - -	16	1374
TOTAL DEPTH		1374

Driller's log of well 958
Stark Washington farm, 11 1/4 miles northeast of Creedmoor.

Surface - - - - -	14	14
Water sand - - - - -	10	24

(Continued on next page.)

Table of drillers' logs, Travis County--Continued

	Thickness (feet)	Depth (feet)
Driller's log of well 958--Continued		
Shale - - - - -	72	96
Gumbo - - - - -	19	115
Hard shale - - - - -	18	133
Gumbo - - - - -	31	164
Shale - - - - -	58	222
Gumbo - - - - -	21	243
Shale - - - - -	110	353
Gumbo - - - - -	58	411
Sandy shale - - - - -	12	423
Lime and sand - - - - -	41	464
Gumbo - - - - -	63	532
Shale - - - - -	185	717
Gumbo - - - - -	52	769
Shale - - - - -	311	1080
Chalk - - - - -	353	1433
Shale - - - - -	12	1445
Limestone - - - - -	18	1463
Clay - - - - -	10	1473
Limestone - - - - -	64	1537
Limestone (not sulphur water) - - - - -	75	1612
Corrected depth		1458
TOTAL DEPTH		1463
CASING RECORD: 1,453 feet of 6-5/8- inch at top.		

	Thickness (feet)	Depth (feet)
Driller's log of well 966 13/ Claus Philquist farm, 7 1/2 miles northeast of Creedmoor. Altitude of land surface, 430 feet.		
Clay - - - - -	35	35
gum rock - - - - -	3	38
Sticky shale - - - - -	362	400
Sandy shale - - - - -	13	413
Sticky shale - - - - -	32	450
Sandy shale - - - - -	15	465
Sticky shale - - - - -	38	503
Sandy shale - - - - -	25	528
Hard shale - - - - -	127	655
Sticky shale - - - - -	10	665
Hard shale - - - - -	15	680
Sticky shale - - - - -	60	740
Shale and gravel - - - - -	7	747
Sticky shale - - - - -	25	772
Sandy shale - - - - -	23	795
Hard shale - - - - -	45	840
Sticky shale - - - - -	54	894
Shale - - - - -	66	960
Sticky shale - - - - -	16	976
Chalk and shale - - - - -	4	980
Chalk - - - - -	107	1087
Chalky shale - - - - -	34	1121
Broken chalk - - - - -	143	1260
Chalky shale - - - - -	11	1271

	Thickness (feet)	Depth (feet)
Driller's log of well 966 13/-Contd.		
Chalk - - - - -	10	1281
Sticky shale - - - - -	15	1296
Lime - - - - -	91	1387
Sticky shale - - - - -	14	1401
Lime - - - - -	47	1443
Sticky shale - - - - -	2	1450
Lime - - - - -	60	1510
Edwards limestone - - - - -	529	2039
Sandy lime (cavities) - - - - -	133	2172
Sandy lime - - - - -	49	2221
Lime - - - - -	42	2263
Hard lime - - - - -	32	2295
Lime - - - - -	10	2305
Hard sandy shale - - - - -	7	2312
Lime (cored) - - - - -	11	2323
Sandy lime (streaks of shale) - - - - -	49	2372
Lime - - - - -	13	2385
Sandy lime (streaks of shale) - - - - -	17	2402
Sandy lime - - - - -	11	2413
Sandy lime (streaks of shale) - - - - -	52	2465
Sandy lime - - - - -	25	2490
Hard sand - - - - -	11	2501
Sandy lime - - - - -	15	2516
Broken lime and shells	12	2528
Lime and shells (cored)	2	2530
Porous lime and shells	45	2575
Lime and shells - - - - -	40	2615
Lime - - - - -	137	2752
Sandy lime - - - - -	135	2887
Sandy blue shale - - - - -	2	2889
Sandy hard shale and lime - - - - -	19	2908
Hard sandy lime (streaks of shale) - - - - -	11	2919
Hard sandy lime - - - - -	6	2925
Hard sandy lime and shale	9	2934
Hard sandy lime - - - - -	9	2943
Lime and shells - - - - -	22	2965
Sandy shale with streaks of lime - - - - -	20	2985
Lime and shale - - - - -	6	2991
Sand and shale (cored)	17	3008
TOTAL DEPTH		3008
Water slightly salty, well flowing with 70 pounds pressure when closed in. CASING RECORD: 114 feet of 10-inch and 2719 feet of 6-inch casing.		
13/Sellards E. H. op. cit. p. 58.		

Table of drillers' logs, Travis County--Continued

	Thickness (feet)	Depth (feet)
<u>Log of well 968 14/</u>		
Interpretation from log and samples by E. H. Sellards. Jacobson farm, $6\frac{1}{4}$ miles northeast of Creedmoor. Altitude of land surface, 552 feet.		
Navarro, Taylor clay and marl - - - -	868	868
Austin chalk - - -	12	880
TOTAL DEPTH		880
14/ Sellards, E. H., op. cit. p. 61.		

	Thickness (feet)	Depth (feet)
<u>Log of well 969 15/</u>		
Interpretation from log by E. H. Sellards. Otto Schreiber farm, $4\frac{1}{2}$ miles east of Creedmoor. Altitude of land surface, 575+ feet.		
Basal Navarro, Taylor clay and marl - -	889	889
Austin chalk - - -	3	892
TOTAL DEPTH		892
15/Sellards, E. H., op. cit. pp. 64-65.		

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 970</u>		
Peyton farm, $3\frac{1}{2}$ miles southeast of Creedmoor. Altitude of land surface, 640 feet.		
Flint boulders - -	7	7
Yellow clay - - -	41	48
Blue shale - - - -	168	216
Shell rock - - - -	2	218

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 970--Continued</u>		
Blue shale - - - - -	588	806
Chalk - - - - -	9	815
TOTAL DEPTH		815
CASING RECORD: 401 feet of 6-5/8-inch.		

	Thickness (feet)	Depth (feet)
<u>Log of well 976 16/</u>		
Interpretation from log and samples by E. H. Sellards. Axel Johanson farm, 1 mile north of Creedmoor. Altitude of land surface, 675 feet.		
Taylor clay, marl and chalk - - - - -	213	213
Austin chalk - - - -	276	488
Eagle Ford clay and shale and Buda limestone	69	557
Del Rio clay - - - - -	41	598
Georgetown limestone -	46	644
Edwards limestone - -	101	745
TOTAL DEPTH		745
16/ Sellards, E. H., op. cit., p. 61.		

Logs of core test wells in Travis County, Texas. Drilled by the Bureau of Reclamation, United States Department of the Interior.

Well 83

On east bank of Colorado River, $4\frac{1}{4}$ miles west of Mansfield Dam. Altitude of land surface, 572.5.

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
River sands and gravel - - - - -	16	0	16	0
Red clay and pebbles - - - - -	5	0	21	0
Soft red clay - - - - -	4	0	25	0
Fine grain-sand unconsolidated - - - - -	1	6	26	6
Soft red clay with occasional seams and patches of very fine poorly consolidated quartz sand	18	6	45	0
Loosely cemented conglomerate, rounded pebbles	2	0	47	0
Red clay marly spots - - - - -	3	0	50	0
Soft red clay-sandy at bottom - - - - -	10	0	60	0
Very fine quartz sand - arenaceous - - - - -	5	6	65	6
Rounded quartz grains in marly cement - - -	1	0	66	6
Fine sand - - - - -	5	6	72	0
Pebble conglomerate-loosely cemented- some clay - - - - -	9	0	81	0
Red sandy clay - - - - -	4	0	85	0
Limestone pebbles conglomerate - - - - -	1	0	86	0
Fine grain sandy marl and clay- - - - -	3	0	89	0
Fine grain dense marl with small pebbles- -	3	0	92	0
Fine grain dense multi-colored marl and pebble conglomerate in lime matrix - - -	8	0	100	0

Flowed $\frac{1}{2}$ gallon per minute at 45 to 47 feet. Completed February 5, 1936.

Well 144

On east side of Colorado River at Mansfield Dam. Altitude of land surface, 537.6

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
River silt and sand - - - - -	43	6	43	6
Boulders, sand and gravel - - - - -	6	6	50	0
Soft weathered limestone - - - - -	3	0	53	0
Hard fine dense limestone-small shells - -	1	2	54	2
Fossil limestone - - - - -	6	6	60	8
Full of small shells - - - - -	8	0	68	8
Fossil limestone, argillaceous seams - - --	1	2	69	10
Fine dense limestone - - - - -	1	1	70	11
Full of small shells - - - - -	5	4	76	3
Fossil limestone-last 2 feet granular - - -	5	3	81	6
Argillaceous limestone - - - - -	2	0	83	6
Fine white granular limestone - - - - -	2	0	85	6
Full of small shells - - - - -	1	3	86	9
Fossil limestone - - - - -	5	3	92	0
Full of small shells - - - - -	4	11	96	11
Dark gray argillaceous limestone-some small fossils- - - - -	10	4	107	3
Patchy limestone - - - - -	2	9	110	0
Dark gray limestone full of small shells --	9	1	119	1
Patchy limestone - - - - -	4	6	123	7
Soft dark gray fine dense limestone - - -	9	8	133	3

(Continued on next page.)

Logs of core test wells in Travis County--Continued

Well 144-Continued

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
White granular limestone - - - - -	1	0	134	3
Marl - - - - -	0	6	134	9
White granular limestone extremely porous zones last 3 feet - - - - -	8	1	142	10
Fine dense limestone - - - - -	5	2	148	0
Fine arenaceous limestone - - - - -	5	9	153	9
Dark fine grain limestone very fossiliferous- porous - - - - -	10	9	164	6
Shell limestone - - - - -	3	6	168	0
Patchy limestone - - - - -	2	0	170	0
Fine dense limestone-few small shells - - -	6	10	176	10
Very fossiliferous limestone - - - - -	9	3	186	1
Fine dense fossil limestone - - - - -	3	6	189	7
Fine dense limestone - - - - -	3	0	192	7
Fossil limestone - - - - -	0	10	193	5
Dark argillaceous limestone - - - - -	0	11	194	4
Fossil limestone - - - - -	4	3	198	7
Fine dense sandy limestone-few fossils last 3 feet - - - - -	15	3	213	10
Fine dense fossiliferous limestone - - - - -	3	0	216	10
Full of small shells - - - - -	2	1	218	11
Fossil limestone - - - - -	1	1	220	0
Argillaceous fossil limestone - - - - -	1	0	221	0
Porous shell limestone - - - - -	4	8	225	8
Shell reef- <u>ostrea</u> - - - - -	4	7	230	3
Fine dense dark gray limestone, slightly sandy - - - - -	4	3	234	6
Very fossiliferous limestone - - - - -	1	6	236	0
Dark fine dense limestone - - - - -	0	8	236	8
Very fossiliferous limestone - - - - -	4	0	240	8
Alternating beds fine dense dark gray lime- stone and fossil limestone - - - - -	4	0	244	8
Very fossiliferous limestone - - - - -	1	6	246	2
Soft dark gray calcareous shale - - - - -	3	10	250	0
Thin shaley limestone-dark gray friable and broken - - - - -	4	9	254	9
Fossil limestone soft limestone layer 257 feet, 7 inches to 258 feet - - - - -	4	2	258	11
Shaley limestone-friable - - - - -	2	7	261	6
Soft dark gray calcareous shale - - - - -	2	6	264	0
Soft dark broken clay, shale - - - - -	2	4	266	4
Soft dark gray clay, shale and marl - - - -	6	0	272	4
Sandy calcareous shale-friable - - - - -	2	3	274	7
Sandy shale and sand - very soft - - - - -	3	4	282	11
Sandy limestone full of small shells - - -	0	7	283	6
Calcareous sandstone-calcite crystals-few small shells - - - - -	4	11	288	5
Sandy shell limestone-very porous artesian water - - - - -	5	0	293	5
Dark calcareous sandstone-small shell fragments - - - - -	5	3	298	8

(Continued on next page.)

Logs of core test wells in Travis County--Continued

Well 144-Continued

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
Sandy limestone-few dense shell: fragments - -	6	7	305	3
Fine calcareous shale-sandy - - - - -	3	8	308	11
Sandstone-calcareous binder - - - - -	2	0	310	11
Red and white sandy clay-calcareous cement - -	7	0	317	11
Fine white sandstone - - - - -	3	6	321	5
Sandy clay and sand - - - - -	5	10	327	3
Fine white sandstone - - - - -	2	0	329	3
Red and white sandy clay - - - - -	3	8	332	11
Soft red clay - - - - -	2	9	335	8
Red and white sandy clay-clayey sand - - - - -	3	0	338	8
Fine argillaceous sandstone - - - - -	5	7	344	3
Glen Rose limestone from surface to 246 feet 2 inches. Travis Peak formation from 246 feet 2 inches to bottom of hole.				
Completed November 23, 1936.				

Well 145

On west side of Colorado River, at Mansfield Dam. Altitude of land surface, 624.0.

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
Soil - - - - -	0	6	0	6
Weathered fine dense limestone with arenaceous streaks - - - - -	14	6	15	0
Weathered limestone full of small shells-soft streaks - - - - -	14	0	29	0
Full of small black fossils - - - - -	2	0	31	0
Fine dense limestone - - - - -	1	2	32	2
Full of small black fossils - - - - -	1	0	33	2
Weathered and broken limestone full of small shells - - - - -	6	4	39	6
Granular weathered limestone - - - - -	1	9	41	3
Fine dense limestone-small fossils last foot weathered - - - - -	4	5	45	8
Fine dense limestone, layers small fossils-marly at bottom - - - - -	3	10	49	6
Patchy limestone - - - - -	10	6	60	0
Top 6 inches porous weathered limestone-rest lost-reported blue marl - - - - -	4	9	64	9
Fine dense arenaceous limestone - - - - -	4	0	68	9
Soft marly limestone-fossils - - - - -	3	3	72	0
Arenaceous limestone - - - - -	1	10	73	10
Thin bedded friable shale, lime - - - - -	3	4	77	2
Fine dense limestone - - - - -	7	4	84	6
Soft marl, limestone, friable - - - - -	2	2	86	8
Weathered arenaceous limestone, porous-fossils	3	10	90	6
Patchy limestone - - - - -	4	0	94	6
Fine dense limestone - - - - -	6	0	100	6
Full of small shells - - - - -	2	0	102	6
Monopleura reef - - - - -	2	0	104	6

(Continued on next page.)

Logs of core test wells in Travis County--Continued

Well 145-Continued

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
Full of small fossils - - - - -	1	0	105	6
Fine dense arenaceous limestone, soft streaks	10	0	115	6
Fine dense limestone-small fossils at bottom	4	0	119	6
Fine dense limestone, patchy-arenaceous-fossils	10	6	130	0
Thin bedded arenaceous limestone - - - - -	3	6	133	6
Fine dense limestone-small fossils - - - - -	6	10	140	4
Thin bedded arenaceous limestone - - - - -	2	2	142	6
Fossiliferous limestone patchy at bottom - -	8	0	150	6
Completed April 7, 1936.				

Well 146

Slope on west side of Colorado River, at Mansfield Dam. Altitude of land surface, 744.5.

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
Soil-decomposed limestone and clay - - - - -	4	0	4	0
Weathered fossiliferous limestone-soft marl, streaks at top - - - - -	8	4	12	4
Full of small fossils weathered-porous at bottom - - - - -	4	8	17	0
Fine dense weathered limestone, soft marl seams - - - - -	6	0	23	0
Badly broken and decomposed limestone full of vugs coated with secondary calcite - - - - -	5	0	28	0
Patchy weathered limestone, porous at bottom	10	1	38	1
Fine dense limestone, weathered - - - - -	2	0	40	1
Porous weathered fossiliferous limestone - -	8	0	48	1
Porous weathered limestone and marl - - - -	5	11	54	0
Soft friable weathered marly limestone - - -	3	8	57	8
Weathered porous limestone full of small fossils. Last 3 feet 0 inches soft friable marly limestone - - - - -	6	4	64	0
Soft weathered marl and limestone - - - - -	2	0	66	0
Patchy limestone - - - - -	6	0	72	0
Arenaceous limestone-middle foot soft marl-orbitulina at top - - - - -	3	1	75	1
Full of small black fossils - - - - -	3	0	78	1
Patchy limestone - - - - -	6	0	84	1
Soft marl limestone - - - - -	4	2	88	9
Soft weathered broken limestone-full of small fossils - - - - -	6	1	94	10
Fine dense weathered limestone soft with marl seams-arenaceous in places - - - - -	8	2	103	0
Soft marl with occasional streak of hard limestone - - - - -	3	0	106	0
Fine dense limestone-marly and arenaceous-breaks easily, last 16 inches harder and more massive - - - - -	10	4	116	4
Fine dense limestone-few fossils - - - - -	9	4	125	8

(Continued on next page.)

Logs of core test wells in Travis County--Continued

Well 146-Continued

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
Slightly weathered fossiliferous limestone -	4	6	130	2
Fine dense limestone, last 18 inches full of small black fossils - - - - -	3	0	133	2
Patchy limestone - - - - -	2	6	135	8
Fine dense limestone - - - - -	1	0	136	8
Full of small shell fragments - - - - -	5	0	141	8
Patchy limestone - - - - -	4	0	145	8
Full of small shell fragments - - - - -	2	8	148	4
Patchy limestone-marl streaks - - - - -	1	0	149	4
Full of fossils - - - - -	0	8	150	0
Completed March 25, 1936.				

Well 152

Slope on west side of Colorado River, $3\frac{3}{4}$ miles southeast of Mansfield Dam.
Altitude of top of pipe, 625.7.

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
Open pipe - - - - -	1	9	1	9
Soil-weathered limestone marl - - - - -	7	4	9	1
Soft decomposed shell limestone, slightly porous	5	11	15	0
Fine dense limestone with soft marl seams, last 6 feet weathered - - - - -	9	3	24	3
Weathered limestone-full of small fossils - -	4	0	28	3
Soft friable marly shale-full of small fossils	4	1	32	4
Full of small black fossils - - - - -	6	7	38	11
Alternate layers fine dense white limestone and fossiliferous limestone - - - - -	4	4	43	3
Soft patchy limestone - - - - -	2	0	45	3
Patchy limestone-marl seams-top foot fossiliferous - - - - -	5	8	50	11
Soft weathered-full of holes-fossils slightly porous - - - - -	5	2	56	1
Soft weathered patchy limestone-marl seams -	6	1	62	2
Thin bedded shaly marl-soft and friable - -	4	3	66	5
Soft fine dense limestone, marl seams - - -	10	2	76	7
Weathered porous limestone - - - - -	4	10	81	5
Soft marl - - - - -	3	2	84	7
Full of small shells - soft mud seams - - -	3	8	88	3
Hard fine dense limestone - - - - -	1	0	89	3
Fine dense limestone-friable at top, weathered at bottom - fossils last 3 feet-	5	1	94	4
Fossiliferous porous weathered limestone - -	4	9	99	1
Fine dense limestone-few thin marl seams bottom 3 feet - - - - -	10	0	109	1
Dark gray limestone full of small shell fragments, last 2 feet porous - - - - -	4	1	113	2
Soft fine dense limestone - - - - -	3	6	116	8
Full of small shells-patchy at bottom - - -	2	0	118	8
Fine dense limestone-marl seams - - - - -	7	10	126	6
Soft muddy limestone - - - - -	2	0	128	6

(Continued on next page.)

Logs of core test wells in Travis County--Continued

Well 152--Continued

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
White fossiliferous limestone - - - - -	7	6	136	0
Fine dense limestone-few arenaceous spots - -	4	3	140	3
Fine dense limestone-broken at top - - - - -	4	3	144	6
Dark gray limestone-full of shell fragments	7	5	151	11
Fine dense arenaceous limestone - - - - -	3	2	155	1
Arenaceous fossiliferous limestone - - - - -	2	6	157	7
Weathered fossiliferous limestone-full of holes	1	8	159	3
Fine dense impervious limestone, patches of small shells - - - - -	9	6	168	9
Fossiliferous limestone - - - - -	5	0	173	9
Impervious limestone full of small shells - -	2	10	176	7
Soft marl - - - - -	1	2	177	9
Fine dense limestone-marl seams - - - - -	3	0	180	9
Shell limestone - - - - -	3	6	184	3
Marly limestone-soft - - - - -	1	6	185	9
Very fossiliferous limestone last 2 feet full of small shells - - - - -	6	7	192	4

Completed April 7, 1936.

Well 153

On Colorado River bank $3\frac{3}{4}$ miles southeast of Mansfield Dam. . Altitude of land surface, 477.3.

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
River sand and silt - - - - -	21	0	21	0
River gravel - - - - -	2	0	23	0
Fine dense limestone-large fossils 25 to 28 feet - - - - -	7	1	30	1
Soft marl seams - - - - -	0	8	30	9
Fine dense limestone arenaceous at bottom-6-inch marl seam at bottom - - - - -	9	8	40	5
Patchy limestone-top 7-inches <u>monoploura</u> - - -	12	6	52	11
Fine dense arenaceous limestone - - - - -	4	0	56	11
Very fossiliferous limestone-marl streaks - -	8	9	65	8
Patchy limestone - - - - -	3	4	69	0
Full of small fossils - - - - -	6	4	75	4
Fine dense limestone - - - - -	7	2	82	6
Full of small fossils - - - - -	7	0	89	6
Fine dense limestone - - - - -	1	5	90	11
Weathered and porous shell limestone - an abundance of small secondary calcite crystals.				
Water channel-artesian flow 45 gallons per minute. Sulphur water from 91 feet 6-inches to 142 feet.- - - - -	50	10	141	9
Arenaceous fossiliferous limestone - - - - -	6	3	148	0
Fine dense limestone-occasional fossil - 2 feet fossiliferous layer 150 to 152 feet - - - -	13	9	161	9
Fine dense arenaceous slightly weathered limestone - - - - -	2	9	163	6
Soft marl limestone - - - - -	2	6	165	0

(Continued on next page.)

Logs of core test wells in Travis County--Continued

Well 153--Continued

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
Granular limestone-small shell fragments abundant-bottom fine dense limestone - - - -	11	6	176	6
Fairly porous and weathered shell limestone- marl seams reported - - - - -	7	10	184	4
Fine dense limestone - - - - -	3	8	188	0
Fine dense fossiliferous limestone - - - - -	5	0	193	0
Full of small fossils - - - - -	2	4	195	4
Fine dense limestone - - - - -	4	4	199	8
Fossiliferous limestone - - - - -	1	0	200	8
Dark fine dense limestone with occasional fossil- core soft last 7 feet - - - - -	22	1	222	9
Completed March 22, 1936.				

Well 154

Slope on east side of Colorado River, $3\frac{3}{4}$ miles southeast of Mansfield Dem.
Altitude of land surface, 497.7.

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
Soil-marl- decomposed limestone - - - - -	6	0	6	0
Porous weathered fossil limestone - - - - -	4	0	10	0
Decomposed and broken limestone-marl streaks	15	0	25	0
Arenaceous and patchy limestone-slightly weathered. Less weathered and arenaceous at bottom - - - - -	16	0	41	0
Fine dense limestone - - - - -	5	0	46	0
Patchy limestone - - - - -	2	6	48	6
Fine dense white limestone - - - - -	2	6	51	0
Hard shell limestone - - - - -	6	6	57	6
Fine dense white limestone slightly arenaceous	5	0	62	6
Full of small fossils, bottom 6 feet slightly arenaceous - - - - -	7	6	70	0
Arenaceous fossil limestone - - - - -	2	0	72	0
Full of small black fossil on a white lime- stone, slightly arenaceous around 79 feet	6	11	78	11
Alternate layers fine dense limestone and fossiliferous limestone - - - - -	2	0	80	11
Full of small shell fragments - - - - -	3	1	84	0
Patchy limestone - - - - -	4	0	88	0
Fine dense limestone slightly patchy - - -	5	9	93	9
Fine dense limestone, few layers of small black fossils near bottom - - - - -	5	0	98	9
Completed March 8, 1936.				

Well 429

On west bank of Colorado River, $6\frac{1}{4}$ miles northwest of the State Capitol. Altitude
of land surface, 491.3.

(Continued on next page)

Logs of core test wells in Travis County--Continued

Well 429--Continued

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
River silt, with about 18-inches of top soil	47	0	47	0
Fine dense limestone, full of small fossils	2	11	49	11
Patchy limestone-soft marl streaks, some weathering-granular at bottom with some fossils - - - - -	11	4	61	3
Fine dense arenaceous limestone-last foot has several small gypsum nodules - - - - -	9	4	70	7
Patchy limestone - - - - -	4	5	75	0
Fine dense limestone-2 feet from very bottom fossiliferous-small shells - - - - -	5	6	80	6
Porous shell fragment limestone, large holes	2	0	82	6
Fine dense limestone-last 2 $\frac{1}{2}$ feet arenaceous and few fossils - - - - -	3	0	91	6
Very fossiliferous limestone-small fossils-arenaceous in middle - - - - -	6	0	97	6
Fine dense limestone, top 18-inches thin bedded - - - - -	8	1	105	7
Porous shell limestone-artesian water channel-6 inches fine dense limestone 2 feet from top	4	0	109	7
Fine dense limestone bottom 2 feet arenaceous-	4	4	115	11
Fine limestone full of small shell fragments porous granular patches last 2 feet - - -	4	8	118	7
Fine dense limestone-massive-top 1 $\frac{1}{2}$ feet thin bedded arenaceous limestone. Artesian flow reported less at 120 feet 6-inches -	10	0	128	7
Patchy limestone - - - - -	3	0	131	7
Fine dense limestone - - - - -	3	8	135	3
Fine thin bedded limestone-breaks easily -	2	4	137	7
Fine dense massive limestone-last 6 feet very fine grain - - - - -	12	0	149	7
Completed March 4, 1936.				

Well 432

Slope on west side of Colorado River, $\frac{4}{4}$ miles northwest of the State Capitol. Altitude of land surface, 579.2.

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
Top soil sand and gravel - - - - -	3	8	3	8
Broken and weathered limestone ~ lime, sand and marl - - - - -	9	4	13	0
Fine dense limestone-weathered - - - - -	4	4	17	4
Slightly weathered shell limestone, porous in spots - - - - -	4	4	23	8
Full of small black fossils - - - - -	3	4	27	0
Fine dense arenaceous fossiliferous limestone -	3	0	30	0
Porous shell limestone, slightly weathered - -	5	0	35	0
Fine dense arenaceous limestone - - - - -	5	0	40	0
Patchy limestone - - - - -	5	0	45	0
Fossiliferous limestone, somewhat porous at bottom - - - - -	10	0	55	0
Fine dense limestone - - - - -	5	0	60	0

(Continued on next page.)

Logs of core test wells in Travis County--Continued

Well 432--Continued

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
Very fossiliferous limestone, slightly porous -	5	0	65	0
Arenaceous limestone-marl streaks - - - - -	6	10	71	10
Very fossiliferous limestone - - - - -	3	2	75	0
Patchy limestone - - - - -	1	0	76	0
Soft marly limestone - - - - -	2	8	78	8
Fine dense limestone - - - - -	2	10	81	6
Arenaceous limestone - - - - -	1	9	83	3
Fine dense limestone, slightly granular at top	9	5	92	8
Fossiliferous limestone-porous shell layers 97 to 98 feet - - - - -	7	4	100	0
Fine dense arenaceous limestone - - - - -	3	0	103	0
Soft friable and broken arenaceous limestone -	7	4	110	4
Shell limestone - - - - -	5	0	115	4
Fine dense limestone - - - - -	2	8	118	0
Friable arenaceous and marly limestone - - -	2	3	120	3
Fine dense limestone - - - - -	4	9	125	0
Arenaceous limestone - - - - -	5	0	130	0
Fine dense limestone - - - - -	3	0	133	0
Marly arenaceous limestone - - - - -	2	8	135	8
Fine dense limestone - - - - -	5	4	141	0
Broken friable arenaceous limestone - - - - -	3	0	144	0
Patchy limestone - - - - -	1	0	145	0
Fine dense limestone - - - - -	5	0	150	0

Completed March 13, 1936.

Well 433

Slope on west side of Colorado River, $4\frac{1}{4}$ miles northwest of the State Capitol.
Altitude of land surface, 475.6.

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
River silt and sand - - - - -	37	0	37	0
Gravel up to $1\frac{1}{2}$ inches - - - - -	5	0	42	0
Fine dense limestone-soft and weathered - - -	6	6	48	6
Full of small black fossils - - - - -	3	3	51	9
Fine dense limestone, arenaceous - - - - -	3	3	55	0
Full of small black fossils - - - - -	2	6	57	6
Granular limestone - - - - -	2	6	60	0
Fine dense limestone shells 63 to 64 feet - -	5	0	65	0
Patchy limestone, gypsum filled fracture $66\frac{1}{2}$ to 68 feet - - - - -	6	6	71	6
Fine dense limestone - - - - -	2	6	74	0
Shell limestone - - - - -	1	0	75	0
Patchy limestone-arenaceous at top - - - - -	5	0	80	0
Alternating layers granular shell limestone and fine dense arenaceous limestone-thin bedded and friable at bottom - - - - -	5	2	85	2
Full of small fossils few marl seams - - - - -	4	10	90	0
Fine dense limestone, gypsum at top - - - - -	3	0	93	0
Full of small fossils - - - - -	1	0	94	0
Fine dense limestone - - - - -	6	0	100	0
Porous shell limestone-small gypsum nodules last 15 inches - - - - -	3	0	103	0

(Continued on next page.)

Logs of core test wells in Travis County--Continued

Well 433--Continued

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
Fine dense limestone - - - - -	3	0	105	0
Fossiliferous limestone, orbitulina at top	7	6	113	6
Full of small black fossil - - - - -	1	6	115	0
Arenaceous fossil limestone - - - - -	4	0	119	0
Fine dense limestone - - - - -	2	3	121	3
Dark arenaceous patchy limestone, gypsum at bottom - - - - -	2	3	123	6
Fine dense limestone - - - - -	5	0	128	6
Porous limestone-small gypsum nodules - - - - -	2	3	130	9
Fine dense limestone-gypsum nodules - - - - -	5	1	135	10
Fine dense very fossiliferous limestone-getting patchy last 15 inches - - - - -	4	2	140	0
Completed March 9, 1936.				

Well 434

On east bank of Colorado River, $4\frac{1}{2}$ miles northwest of the State Capitol. Altitude of land surface, 480.7.

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
River silt backed up by old Austin Dam - - - - -	44	0	44	0
Sand and gravel - - - - -	4	0	48	0
Fine dense limestone - - - - -	7	10	55	10
<u>Orbitulina texana</u> horizon - - - - -	0	6	56	4
Fine dense limestone, full of small shells -	3	8	60	0
Fine dense arenaceous limestone - - - - -	3	5	63	5
Fine dense limestone full of small shell fragment - - - - -	6	5	69	10
Fine dense limestone-occasional streaks of marl - - - - -	6	0	75	10
Fine dense limestone full of small shells - -	4	2	80	0
Marly clay-very soft - - - - -	1	8	81	8
Fine dense arenaceous limestone - marl seams -	3	7	85	3
Patchy limestone-dense and fossiliferous - - -	2	9	88	0
Fine dense limestone-slightly arenaceous in spots - - - - -	11	0	99	0
Thin bedded limestone-small gypsum nodules - -	1	6	100	6
Patchy limestone-fine dense and granular - - -	4	11	105	5
Dark dense compact limestone-slightly arenaceous	5	9	111	2
Fine dense limestone - - - - -	1	9	112	2
Massive-porous-dark gray-gypsum nodules - - -	2	10	115	0
Patchy limestone - - - - -	3	0	118	0
Alternating layers porous granular and fine dense limestone - - - - -	6	2	124	2
Very fossiliferous limestone-5 inches gypsum 7-inches below top - - - - -	3	0	127	2
Fine dense limestone - - - - -	5	11	133	1
Massive arenaceous limestone, last 4 inches gypsum - - - - -	5	11	139	0
Alternating beds-fine dense and porous limestone-gypsum at bottom - - - - -	5	0	144	0
Fine dense limestone small gypsum nodules last 2 feet - - - - -	5	0	149	0

(Continued on next page.)

Logs of core test wells in Travis County--Continued

Well 434--Continued

	Thickness		Depth	
	(feet)	(inches)	(feet)	(inches)
Arenaceous limestone-small shells - - - - -	3	1	152	1
Fine dense limestone-few layers of small shells and several small gypsum nodules - -	12	11	165	0
Gypsum - - - - -	0	6	165	6
White fossiliferous limestone - - - - -	1	9	167	3
Massive fine dense limestone occasional gypsum nodules between 164 and 174 feet -	12	9	180	0
Soft marl - - - - -	0	10	180	10
Dense arenaceous limestone- - - - -	1	3	182	6
Fine dense limestone-top 6-inches shells - -	3	6	186	0
Patchy limestone-fine dense and granular porous - - - - -	7	0	193	0
Dense arenaceous limestone - - - - -	1	0	194	0
Very fossiliferous limestone - - - - -	1	8	195	8
Fine dense limestone - - - - -	1	3	196	11
Monoplœura reef - - - - -	8	1	205	0
Light gray fine dense massive limestone, few shells - - - - -	20	0	225	0
Fine dense arenaceous limestone - - - - -	6	0	231	0
Dense compact limestone - - - - -	7	6	238	3
Course, porous, very fossiliferous limestone -	2	6	241	0
Arenaceous limestone - - - - -	6	0	247	0
Fine dense compact limestone - - - - -	3	0	250	0
Well flowed $\frac{5}{4}$ gallon per minute at 140 feet; 6 gallons per minute at 205 feet; 7 gallons per minute at 240 feet.				
Completed February 19, 1936.				

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

	Thickness (feet)	Depth (feet)
<u>Well 727</u>		
River flat, side of county road 5 miles southeast of the State Capitol.		
Sandy red soil - - - - -	2	2
Red sand - - - - -	8	10
Yellow sand - - - - -	2	12
Red sand - - - - -	9	21
Yellow sand - - - - -	5	26
Yellow sand and gravel -	2	28
December 20, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 728</u>		
River flat, side of county road, 5 $\frac{1}{4}$ miles southeast of the State Capitol.		
Brown surface soil - - -	1	1
Red sand - - - - -	14	15
Sandy yellow clay - - -	7	22
Sandy red clay - - - - -	1	23
Yellow sand and gravel -	3	26
December 21, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 729</u>		
River flat, side of county road, 5 $\frac{1}{4}$ miles southeast of the State Capitol.		
Sandy red soil - - - - -	1	1
Sandy red clay - - - - -	3	4
Red sand - - - - -	9	13
Sandy red clay - - - - -	3	16
Red sand - - - - -	4	20
Yellow sand - - - - -	7	27
December 29, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 733</u>		
River flat, side of county road, 7 miles southeast of the State Capitol.		
Sandy surface soil - - -	4	4
Sandy red clay - - - - -	11	15
Red sand - - - - -	5	20
Yellow sand - - - - -	8	28
Yellow sand and gravel -	1	29
January 12, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 734</u>		
River flat, side of county road, 7 $\frac{1}{2}$ miles southeast of the State Capitol.		
Black surface soil - - -	2	2
Red clay - - - - -	15	17
Sandy red clay - - - - -	6	23
Sandy yellow clay - - -	1	24
Sandy red clay - - - - -	6	30
Yellow sand and gravel -	3	33
Struck water at 32 feet. Water level, 50.5 feet below land surface 48 hours after hole completed. January 5, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 738</u>		
Flat, in State Farm Colony, 5 $\frac{1}{4}$ miles east of the State Capitol.		
Sandy brown surface soil	6	6
Sandy brown clay - - -	3	9
Fine yellow sand - - -	22	31
Fine-grained water sand - - - - -	2	33
Struck water at 31.5 feet. December 7, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 741</u>		
Flat, near creek bank, in State Farm Colony, 5 $\frac{1}{4}$ miles east of the State Capitol.		
Sandy brown surface soil	7	7
Sandy brown soil-some clay - - - - -	12	19
Sandy dark red clay -	1	20
Fine-grained red sand	2	22
Sandy red clay - - -	1	23
Fine-grained yellow sand - - - - -	4	27
Yellow-red sand and gravel - - - - -	5	32
December 5, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 743</u>		
River flat, side of county road, 4 $\frac{1}{4}$ miles southeast of the State Capitol.		
Sandy brown clay - - -	5	5
Yellow clay - - - - -	1	6
Yellow sand - - - - -	2	8
Sandy yellow clay - - -	3	11
Blue clay and sand - - -	6	17
Dirty gray sand - - -	3	20
Struck water at 15 feet. Water level, 16.0 feet below land surface, 36 hours after hole completed. January 2, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 744</u>		
River flat, side of county road 4 $\frac{1}{2}$ miles southeast of the State Capitol.		
Sandy brown soil - - - -	6	6
Sandy reddish clay - - -	1	7
Yellow sand - - - - -	7	14
Yellow sand and clay - -	1	15
Dirty gray fine-grained water sand - - - - -	10	25
Struck water at 15 feet. Water level, 16.2 feet below land surface, 36 hours after hole completed. January 2, 1940.		

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

	Thickness (feet)	Depth (feet)
<u>Well 746</u>		
Flat creek bottoms, A. C. Bull farm, 5 miles east of the State Capitol.		
Sandy surface soil - -	5	5
Brownish-yellow sandy clay - - - - -	5	10
Yellow clay and sand -	4	14
Yellow clay-some gravel	2	16
Yellow clay - - - - -	12	28
Red clay - - - - -	1	29
Yellow clay - - - - -	4	33
Red clay - - - - -	3	36
Red sand, some clay - -	3	39
Fine red sand - - - - -	6	45
Red sand-few pebbles and gravel - - - - -	5	48
Struck seep water at 37.7 feet. October 31, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 750</u>		
Ridge between two draws, near former spring, 4 $\frac{1}{2}$ miles east of the State Capitol.		
Surface soil - - - - -	1	1
Grayish-yellow clay- some gravel and sand -	2	3
Yellow clay-some gravel -	10	13
Yellow and blue clay - -	3	16
Blue clay-some gravel - -	7	23
Struck water at 4 feet. Water level, 0.8 foot below land surface, at well depth of 19 feet. Yield 22 gallons in 4 minutes, drawdown 20.6 feet. Recovered in 5 hours. October 23, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 751</u>		
Slope to draw, at City-County Sanatorium, 4 $\frac{1}{2}$ miles east of the State Capitol.		
Surface soil - - - - -	1	1
Yellow clay - - - - -	12 $\frac{1}{2}$	15 $\frac{1}{2}$
Blue clay - - - - -	10 $\frac{1}{2}$	24
Struck water at 21 feet. Water level, 14.6 feet below land surface, 16 hours after hole completed. October 20, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 824</u>		
Creek bottoms, John W. Pritchett farm, 5 $\frac{1}{2}$ miles southeast of Manor.		
Sandy yellow clay - - -	10	10
Yellow clay - - - - -	6	16
Blue clay - - - - -	2	18
January 15, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 933</u>		
Head of draw, O. Ollie farm, 6 miles northeast of Creedmoor.		
Surface soil - - - - -	3	3
Yellow clay - - - - -	17	20
Blue clay - - - - -	1	21
Yellow clay - - - - -	1	22
Blue clay - - - - -	5	27
December 11, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 934</u>		
Slope, O. Ollie farm, 6 $\frac{1}{2}$ miles north- east of Creedmoor.		
Yellow-gray clay - - -	3	3
Yellow clay - - - - -	30	33
Yellow and blue clay -	2	35
Blue clay - - - - -	1	36
Struck water at 27.7 feet. Water level, 24 feet below land surface, 36 hours after hole completed. December 14, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 945</u>		
Slope to river, Mrs. L. Fowler farm, 14 $\frac{1}{2}$ miles northeast of Creedmoor.		
Sandy red clay - - - -	3	3
Red gravel - - - - -	6	9
Yellow sand - - - - -	3	12
Sandy red clay and gravel - - - - -	4	16
Red sand and gravel -	4	20
Blue clay - - - - -	1	21
Struck water at 19.7 feet. Water level, 19.7 feet below land surface, 8 hours after hole completed. December 13, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 948</u>		
Slope to creek, side of U. S. High- way 13 $\frac{1}{2}$ miles northeast of Creed- moor.		
Black surface soil - -	5	5
Sandy yellow clay - -	1	6
Sandy gravel and clay	18	24
Fine-grained yellow sand - - - - -	3	27
Reddish-yellow fine- grained water sand -	1	28
Struck water at 28 feet. Water level, 27.6 feet below land surface, 15 hours after hole completed. November 22, 1939.		

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

	Thickness (feet)	Depth (feet)
<u>Well 949</u>		
Slope to creek, side of U. S. Highway 71, 13 $\frac{1}{4}$ miles northeast of Creedmoor.		
Dark surface clay - - -	3	3
Sandy red clay - - - -	3	6
Fine yellow sand - - -	4	10
Medium fine-grained yellow sand - - - - - - - -	3	13
Yellow sand and rocks -	12	25
November 20, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 953</u>		
Flat, Jack White farm, 13 $\frac{1}{4}$ miles northeast of Creedmoor.		
Surface soil - - - - -	4	4
Sandy gray clay - - -	3	7
Sandy-rusty clay - - -	4	11
Yellow sand-some red clay - - - - - - - -	4	15
Red clay - - - - - - -	1	16
Yellow sand and yellow clay - - - - - - - -	2	18
Red clay - - - - - - -	9	27
Sandy red clay - - - -	1	28
Sandy yellow clay - -	1	29

	Thickness (feet)	Depth (feet)
<u>Well 953--Continued</u>		
Red sand - some clay -	1	30
Fine-grained redish yellow sand - - - -	4	34
Medium fine-grained yellow sand - - - - -	11	45
Blue clay - - - - - -	1	46
November 3, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 955</u>		
Slope east, Jack White farm, 13 miles northeast of Creedmoor.		
Sandy red clay - - - -	4	4
Sandy yellow clay - - -	1	5
Red sand - - - - - - -	1	6
Sandy yellow clay - -	2	8
Redish-yellow sand-some clay - - - - - -	2	10
Yellow clay - - - - - -	22	32
Yellow clay and chalk	3	35
Yellow sand - - - - - -	4	39
Sandy yellow clay-some gravel - - - - -	2	41
Yellow sand - some gravel - - - - - - -	3	44
Medium fine-grained water sand - - - - - - - -	1	45
November 2, 1939.		

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

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

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
1	J. L. Turner	-	Nov. 12, 1940	451	-	-	-	354	77	33	b/	-	-
2	T. L. LaRue	53	do.	454	-	-	-	366	81	25	b/	-	-
3	Mrs. Minnie Henry	49	do.	452	84	45	23	390	84	24	b/	0.2	392
4	Howard Varner	52	do.	364	50	52	10	329	16	22	52	-	337
5	H. P. Hensel	-	do.	299	72	30	2	317	18	21	b/	-	303
6	do.	Spring	do.	362	84	38	3	390	21	24	b/	-	369
7	Walter Briggs	133	Nov. 4, 1940	611	90	73	26	421	184	31	b/	-	525
8	N. O. Turner	127	Nov. 6, 1940	683	67	58	95	366	238	45	b/	-	406
9	Travis County	56	do.	694	81	65	76	403	238	32	b/	4.4	470
10	A. D. Alley	90	do.	676	89	51	78	360	123	83	75	-	431
12	Mrs. W. D. Fulkes	448	do.	374	63	34	25	250	104	24	b/	0.9	296
14	Mrs. Blanche G. Doughtery	425	Nov. 7, 1940	418	60	33	55	354	61	34	b/	0.7	286
15	do.	140	do.	369	104	20	8	372	10	15	29	-	343
c/18	do.	1,900±	do.	509	76	54	29	329	134	32	20	2.1	413
19	Travis County	100±	Nov. 6, 1940	594	94	68	21	390	192	27	b/	-	512
20	Miss Leona Williamson	200±	Nov. 7, 1940	483	87	57	7	366	366	21	b/	-	450
21	Mrs. Roberta Farrell	72	Nov. 6, 1940	480	90	52	12	360	115	34	b/	-	437
22	Jerry Barton	300±	do.	553	98	62	14	397	157	25	b/	1.8	498
23	D. W. Huddleston	100±	do.	554	108	45	31	403	146	26	b/	-	452
c/24	do.	25	do.	473	120	5	35	262	24	40	120	-	318
36	John Q. Gaines	300±	do.	697	118	71	28	445	229	30	b/	1.7	589
37	Frank Hart	280	do.	815	54	45	176	372	298	61	b/	-	317
38	B. Gardner	312	Nov. 4, 1940	549	26	24	153	384	108	48	b/	1.1	165
39	do.	52	do.	353	100	16	12	348	18	16	20	-	315
40	Jones & Crumley	77	do.	825	73	54	145	372	307	55	b/	4.9	403
41	Humbles & Chapman Spring		do.	227	45	21	13	214	26	17	b/	-	198

a/ Sulphate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

c/ Analyses of selected wells are given in milligram equivalents per liter on page 101

d/ Analyzed by State Department of Health.

Partial analyses of water from wells and springs in Travis County, Texas--Continued
Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.) ³
42	Jones Bros.	200±	Nov. 4, 1940	666	79	62	74	403	215	34	b/	4.2	453
43	Q. C. Taylor	Spring	Nov. 1, 1938	266	-	-	-	281	12	12	b/	-	-
44	S. C. Pearson	422	Nov. 9, 1938	2,120	459	121	24	354	1,314	27	b/	-	1,644
47	Lower Colorado River Authority	41	Nov. 14, 1940	355	83	35	9	403	a/	22	b/	-	351
49	dc.	61	do.	505	122	33	17	433	12	36	72	-	440
50	Jeff D. Singleton	64	Nov. 12, 1940	352	78	38	8	415	a/	18	b/	-	354
51	D. L. Singleton	8	do.	503	78	68	29	610	10	18	b/	-	472
52	Dillard Singleton	75	do.	1,043	202	63	23	378	27	62	480	-	764
c/53	Hulbert Carpenter	70	Oct. 10, 1938	6,536	949	482	710	281	520	3,510	222	0.2	4,358
54	J.L. Carpenter	40	do.	897	107	117	32	408	46	194	200	-	747
56	Riley Gourley	20	Nov. 14, 1940	370	-	-	-	397	15	15	b/	-	-
57	George Lester	Spring	Oct. 12, 1938	365	87	37	2	388	31	14	b/	0.5	368
58	Joe Strickland	75±	Nov. 14, 1940	401	83	42	12	409	26	26	b/	-	381
59	dc.	81	do.	350	42	21	69	336	18	35	b/	-	193
60	do.	20	do.	404	84	47	6	415	28	30	b/	0.2	404
71	G. W. Wood	63	Oct. 10, 1940	607	107	62	5	369	24	39	188	0.5	523
72	H. Carpenter	200	Nov. 14, 1940	289	71	18	17	293	16	23	b/	-	251
73	W. A. Grizzard	Spring	Oct. 28, 1938	414	-	-	-	378	16	14	45	-	-
74	F. A. Collier	100	Nov. 14, 1940	315	69	35	8	378	a/	13	b/	-	316
75	dc.	39	do.	320	70	37	3	360	10	15	b/	-	328
c/79	J. G. Puryear	280	Oct. 25, 1938	756	172	51	10	329	274	65	22	0.4	642
80	Pool & Sherman	Spring	Nov. 1, 1938	432	126	27	2	461	12	16	22	-	427
81	do.	175+	Nov. 4, 1938	523	85	69	4	404	122	18	26	-	495
82	State of Texas	Spring	Nov. 1, 1938	367	-	-	-	366	10	12	26	-	-
84	Oscar Collier	266	Oct. 13, 1938	2,637	554	119	92	366	1,661	31	b/	-	1,873
86	B. A. Steinhagen	608	Nov. 3, 1939	888	23	13	278	293	352	78	b/	-	113
86	do.	608	Nov. 10, 1939	885	-	-	263	280	357	53	b/	2.1	109
87	F. W. Sternenberg	372	Nov. 29, 1939	1,368	96	75	257	294	706	82	b/	3.1	546
87	do.	785	do.	1,031	18	9	340	334	267	191	b/	-	83
87	do.	785	Dec. 29, 1939	988	18	9	339	332	267	191	b/	-	84
89	Burgess Haydon	202	June 21, 1939	854	115	32	-	445	20	18	b/	-	420
91	Dodd & Reed	370±	Nov. 18, 1940	1,296	84	76	258	396	566	110	b/	4.4	522

a/ Sulphate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

c/ Analyses of selected wells are given in milligram equivalents per liter on page 101

d/ Analyzed by State Department of Health.

Partial analyses of water from wells and springs in Travis County, Texas--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Cal- cium (Ca)	Magne- sium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicar- bonate (HCO ₃)	Sul- phate (SO ₄)	Chlo- ride (Cl)	Ni- trate (NO ₃)	Fluor- ide (F)	Total hardness as CaCO ₃ (calc.)
92	Dodd & Reed	440	Nov. 18, 1940	1,209	52	40	335	404	364	210	b/	5.1	294
95	Lower Colorado River Authority	Spring	do.	284	94	9	5	312	a/	14	b/	-	272
96	dc.	Spring	Nov. 1, 1940	377	89	21	29	378	10	24	b/	-	308
97	W. J. Harrell Est.	16	Nov. 4, 1940	357	100	16	19	384	12	21	b/	-	315
98	dc.	Spring	Nov. 1, 1940	348	85	21	24	378	10	20	b/	-	298
99	Jack Dies	Spring	dc.	362	88	16	32	366	a/	26	b/	-	285
100	do.	Spring	do.	335	93	12	21	348	a/	20	b/	-	283
101	do.	Spring	do.	349	-	-	-	336	12	21	b/	-	-
c/102	do.	85	do.	356	80	32	14	378	15	20	b/	-	330
103	Tuttle Est.	Spring	do.	414	104	33	14	470	10	22	b/	-	395
104	-	Spring	do.	450	105	29	32	476	12	32	b/	-	383
105	Folkeberger Est.	Spring	do.	383	-	-	-	409	12	20	b/	-	-
106	do.	Spring	do.	352	87	27	15	390	13	18	b/	-	327
107	W. K. Hudson	100	do.	355	107	18	8	390	a/	16	b/	-	341
108	B. Gardner	Spring	dc.	305	65	29	15	342	a/	20	b/	-	283
109	do.	Spring	do.	335	77	27	18	366	12	21	b/	-	302
121	Folkeberger Est.	Spring	Nov. 16, 1940	351	-	-	-	378	a/	20	b/	-	-
122	Grant & Hall	100	June 13, 1940	350	111	13	2	311	49	22	b/	-	333
124	W. L. Richards	75	do.	386	102	24	13	384	37	21	b/	-	355
125	dc.	Spring	July 20, 1940	373	83	25	31	415	a/	21	b/	0.1	311
126	K. T. Williamson	69	June 13, 1940	688	77	82	41	323	302	24	b/	2.9	531
127	Williamson & Cantrell	Spring	do.	459	104	45	1	390	94	22	b/	1.0	448
128	Travis County	Spring	June 14, 1940	301	73	22	8	281	16	15	29	-	274
129	Jess Prewitt	101	June 13, 1940	865	108	98	43	378	403	27	b/	-	675
c/130	R. D. Honeycutt	50	do.	823	109	82	56	390	357	24	b/	2.7	611
132	W. L. Richards	Spring	July 20, 1940	298	76	20	14	323	a/	22	b/	-	272
133	W. W. Carson Jr.	215	Nov. 16, 1940	526	105	57	6	390	161	14	b/	0.4	495
134	dc.	Spring	do.	365	10	14	13	390	a/	20	b/	-	334

a/ Sulphate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

c/ Analyses of selected wells are given in milligram equivalents per liter on page 101

d/ Analyzed by State Department of Health.

Partial analyses of water from wells and springs in Travis County, Texas--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
135	A. F. Mickel	139	Nov. 19, 1940	270	56	34	3	328	a/	8	b/	0.1	279
136	do.	133	do.	321	72	37	3	376	a/	14	b/	0.1	332
137	R. V. Blair	110	do.	374	93	34	7	428	a/	18	b/	-	372
138	J. E. Williams	390	do.	448	92	47	10	420	76	15	b/	-	423
139	Mrs. Mary L. Anderson	362	do.	351	71	38	8	336	55	12	b/	-	333
140	E. M. Freund	365±	Nov. 19, 1940	309	65	35	6	336	23	13	b/	0.1	306
141	Thomas B. Hughes	Spring	do.	288	70	31	5	344	a/	9	b/	0.2	302
142	do.	500+	do.	1,641	32	20	547	308	429	455	b/	3.1	162
d/143	Bureau of Reclamation U. S. Dept. of the Interior	202	- , 1937	1,220	-	-	-	280	a/	78	b/	-	-
d/143	do.	344	do.	2,832	66	56	-	-	274	1,280	b/	3.2	-
d/143	do.	445	do.	1,820	-	-	-	-	-	43	b/	-	-
d/143	do.	510	do.	3,440	107	94	-	-	490	1,508	b/	3.5	655
d/143	do.	548	do.	2,250	-	-	-	-	-	508	b/	-	-
143	do.	551	June 18, 1937	1,315	50	31	370	345	560	134	b/	-	250
d/143	do.	657	- , 1937	1,260	-	-	-	-	-	141	b/	-	-
143	do.	675	June 22, 1937	1,020	12	9	361	442	288	132	b/	-	65
d/143	do.	716	1937	1,129	160	10	-	-	394	124	b/	3.5	440
d/143	do.	716	Aug. 30, 1938	1,107	18	11	368	366	385	124	b/	3.4	89
143	do.	716	Mar. 21, 1941	1,171	21	5	395	342	467	112	b/	3.3	73
147	Mrs. Nora Eck.	102	Apr. 4, 1938	-	-	-	-	-	25	33	60	-	-
148	Travis County	127	Nov. 19, 1940	1,713	270	103	131	342	994	44	b/	2.2	1,097
149	Thomas B. Hughes	125±	do.	1,321	215	73	113	372	700	32	b/	0.4	837
150	Travis County	125	do.	1,427	154	80	227	424	572	184	b/	1.5	713
151	H. H. Allen	142	Oct. 20, 1938	816	109	91	34	329	395	21	b/	3.8	646
155	I. D. Fowler	65	Oct. 13, 1938	1,090	234	65	3	320	61	132	428	-	850
c/156	do.	32	do.	862	204	57	9	443	89	118	164	3.4	745
157	do.	Spring	do.	486	138	31	7	510	35	24	b/	-	474
158	do.	35	Aug. 29, 1937	2,737	330	116	438	684	1,211	305	b/	-	1,301
159	City of Austin	254	Nov. 18, 1940	887	128	71	82	446	319	61	b//	1.0	611
160	Oswald Wolf	180	Aug. 30 1937	721	721	101	-	537	219	20	b/	-	707

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 101
d/Analyzed by State Department of Health.

Partial analyses of water from wells and springs in Travis County, Texas--Continued
Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.) ³
161	Travis County	100±	Nov. 15, 1940	472	83	59	9	415	92	25	b/	-	451
162	J. S. Hutson	229	Aug. 27, 1937	652	100	81	19	403	208	46	b/	-	535
162	do.	229	Nov. 15, 1940	689	92	99	7	409	265	20	b/	4.6	636
c/181	Travis Cook	1,835	Feb. 14, 1941	523	98	23	46	226	102	53	90	-	339
132	Mrs. J. H. Harrison	221	Feb. 13, 1941	530	122	17	30	262	30	52	150	-	376
183	Dean Smith	Spring	do.	235	76	29	4	323	15	8	b/	-	234
134	A. A. Maxey	165	Feb. 14, 1941	321	89	27	-	366	14	11	b/	-	332
135	J. F. Thurman	20	Aug. 6, 1937	-	-	-	4	400	24	11	b/	0.4	360
185	- - Boone	Spring	Feb. 14, 1941	331	87	29	2	372	15	15	b/	-	338
139	P. R. Tilley	430	Aug. 13, 1937	-	-	-	5	358	31	15	b/	0.3	354
190	Campbell White	260	Nov. 13, 1940	283	62	23	18	311	15	12	b/	-	249
192	H. P. Prather	280±	do.	567	83	72	25	464	134	22	b/	3.3	505
201	Arnold Romberg	228	Aug. 15, 1940	1,212	129	142	23	476	493	29	b/	4.4	905
c/202	B. E. Giesecke	210	May 12, 1940	757	83	88	57	403	302	23	b/	5.7	569
203	J. M. Smith	120±	do.	842	110	117	12	451	355	21	b/	5.3	757
204	F. W. Fing	200±	Nov. 15, 1940	391	79	49	4	390	57	19	b/	0.9	400
205	H. C. Bohls	440	Feb. 14, 1941	1,987	282	185	49	415	1,132	32	b/	2.8	1,464
206	Wiley & Johnson	237	Aug. 27, 1937	-	-	-	-	458	350	24	b/	-	405
206	do.	435	Aug. 14, 1939	2,033	284	209	53	350	1,272	33	b/	3.0	1,567
207	Travis County	245±	Nov. 15, 1940	426	75	58	6	427	61	16	b/	0.5	426
208	Malcolm Nauman	175	do.	845	121	112	13	494	330	22	b/	4.3	764
209	J. L. Fogle	150	do.	447	61	65	17	409	73	28	b/	2.2	420
210	C. E. Lallier	160	Aug. 30, 1937	-	-	-	-	452	163	54	b/	-	321
212	T. H. Maul	23	Apr. 1, 1938	356	93	13	20	281	29	33	30	-	288
213	A. E. Maul	400±	do.	2,240	379	202	26	390	1,397	44	b/	-	1,780
215	Snyder Est.	71	Nov. 14, 1940	301	64	27	12	275	22	27	b/	-	272
c/216	Combs Est.	139	Feb. 20, 1941	906	170	57	20	226	208	44	294	1.6	660
217	W. Jackson	260	Feb. 13, 1941	866	147	158	-	1,043	a/	42	b/	-	1,018
218	-	36	Feb. 20, 1941	372	107	19	7	360	15	22	25	-	347
219	W. Jackson	165	do.	416	85	45	6	378	49	21	24	-	398
220	Mrs. R. A. Hickson	81	do.	450	104	40	2	390	16	26	70	-	425

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 101

d/Analyzed by State Department of Health.

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Partial analyses of water from wells and springs in Travis County, Texas---Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
221	B. J. Reimers	200	Feb. 20, 1941	556	93	68	11	415	147	24	b/	1.5	512
222	Fred W. Shield	545	Aug. 30, 1937	-	-	-	-	370	700	23	b/	-	1,058
222	do.	545	Sept. 5, 1938	1,409	272	114	15	397	781	32	b/	-	1,150
223	do.	300+	Feb. 20, 1941	499	81	68	7	427	113	18	b/	1.6	482
226	Emery Crumley	200 ⁺	Nov. 13, 1940	644	107	74	14	397	234	18	b/	2.0	570
227	Roy Tom	62	May 24, 1938	353	111	20	-	384	17	16	b/	-	358
228	W. H. Johnson	127	Nov. 13, 1940	413	81	48	5	366	77	22	b/	-	400
229	G. A. Parkinson	365	do.	533	92	71	18	433	165	22	b/	1.9	524
230	-	Spring	Nov. 13, 1940	331	73	35	4	329	22	23	b/	-	326
231	F. W. Hill	120+	Aug. 20, 1937	636	207	29	-	319	228	15	b/	-	635
234	B. J. Reimers	75	Nov. 13, 1940	386	92	37	6	415	14	24	b/	0.2	383
236	- - Newman	200+	do.	443	99	42	12	421	13	51	b/	-	421
237	do.	200 ⁺	do.	350	73	33	3	366	a/	29	b/	-	354
251	-	220	Nov. 15, 1939	424	118	30	8	488	10	18	b/	-	418
c/ 252	Austin White Lime Co.	97	June 12, 1940	400	104	26	14	403	a/	29	20	0.4	366
253	do.	387	do.	1,236	141	92	142	384	604	68	b/	-	732
255	Thorp Est.	130	Nov. 15, 1939	351	98	27	-	366	a/	18	b/	-	357
257	Dillingham Est.	210	Oct. 11, 1940	326	80	24	14	360	a/	12	b/	-	300
258	do.	32	do.	362	97	2	26	226	58	11	b/	-	251
259	A. F. Martin	300+	Oct. 10, 1940	357	91	28	10	390	13	18	b/	0.2	342
260	C. L. Parker	180	do.	368	108	22	4	390	15	17	b/	-	358
261	H. C. Warren	270	Oct. 4, 1940	383	96	27	17	415	15	24	b/	-	352
262	Mrs. N. J. Stramler	330	do.	380	82	31	21	348	35	38	b/	1.9	334
263	E. E. True	300+	June 3, 1940	320	73	29	12	342	18	18	b/	1.7	303
264	Mrs. W. M. Bratton	35	do.	798	150	9	90	189	38	104	264	0.3	410
265	do.	368	do.	306	67	29	12	336	17	16	b/	-	288
266	J. D. Dillingham	276	Oct. 10, 1940	390	103	34	1	433	13	15	b/	-	396
267	Dave Dillingham	350+	Oct. 14, 1940	435	96	36	20	433	43	17	b/	-	387
268	Oscar F. Schmidt	32	Oct. 11, 1940	389	99	26	18	439	a/	16	b/	-	356

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million

c/Analyses of selected wells are given in milligram equivalents per liter on page 101

d/Analyzed by State Department of Health.

Partial analyses of water from wells and springs in Travis County, Texas--Continued

Results are in parts per million

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Cal- cium (Ca)	Magne- sium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicar- bonate (HCO ₃)	Sul- phate (SO ₄)	Chlo- ride (Cl)	Ni- trate (NO ₃)	Fluor- ide (F)	Total hardness as CaCO ₃ (calc.)
269	C. H. Powers	335	Oct. 11, 1940	1,662	119	114	275	415	873	74	b/	3.3	765
270	"	255	Nov. 15, 1939	291	68	28	4	293	28	19	b/	0.1	288
271	J. C. Bryant	465	June 3, 1940	411	100	25	25	390	35	34	b/	-	350
272	do.	Spring	do.	278	95	5	6	281	20	14	b/	0.4	258
273	Frank Scofield	445±	June 6, 1940	373	74	27	34	360	29	31	b/	-	297
274	John Mus	423	June 7, 1940	1,074	49	28	316	360	211	290	b/	-	237
276	A. W. Cox	1,400±	Oct. 14, 1940	386	101	10	35	336	35	35	b/	0.5	291
278	Carl Sundbeck	400	June 7, 1940	358	62	26	41	329	37	30	b/	-	261
c/279	- Archae	81	Nov. 14, 1939	327	89	24	3	343	a/	12	22	0.2	320
280	Travis County	20	do.	391	-	-	-	342	66	11	b/	-	-
280	do.	20	June 7, 1940	368	110	10	15	336	57	11	b/	-	316
281	J. R. Gault	307	Oct. 14, 1940	326	54	31	30	329	27	22	b/	-	264
282	F. C. Mueller	33	do.	474	121	11	26	214	163	32	b/	-	347
283	T. H. Gault	304	Nov. 14, 1939	760	116	57	66	366	312	28	b/	1.3	525
284	Robinson Bros.	400±	Oct. 11, 1940	802	78	76	96	403	310	34	b/	3.5	507
285	-	Spring	Oct. 14, 1940	497	124	34	22	525	15	27	b/	-	449
c/286	C. R. Barnes	135	Nov. 14, 1939	845	220	11	34	287	73	108	258	0.2	597
286	do.	417	Oct. 14, 1940	541	133	18	26	293	50	55	115	0.4	406
287	Casper Schults	452	do.	396	74	30	37	366	43	32	b/	0.2	308
288	G. F. Saunders	40	do.	600	171	11	25	415	23	52	113	-	472
289	A. S. Neans	55	June 4, 1940	431	144	4	12	348	66	34	b/	0.3	377
290	do.	35	do.	1,040	248	9	67	171	82	220	330	-	655
311	- Wiggington	22	June 5, 1940	172	53	6	8	171	a/	19	b/	0.2	153
312	do.	475	do.	2,866	116	51	874	360	596	1,050	b/	2.0	502
313	H. F. Fubank	492	June 4, 1940	1,099	69	29	301	360	233	290	b/	-	293
315	C. T. Ward	30	do.	342	97	6	19	250	22	37	38	-	269
316	do.	100	do.	479	119	15	37	354	41	55	38	0.3	359
317	Mrs. M. B. Owens	613	do.	5,006	218	110	1,485	451	918	2,050	b/	3.1	998
319	Frank George	45±	Oct. 17, 1940	283	70	5	30	238	12	19	30	-	193
320	do.	Spring	do.	301	80	7	23	256	a/	24	33	-	229
321	F. W. Davis	35	July 6, 1938	528	117	5	53	207	61	70	120	0.5	313

a/ Sulphate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

c/ Analyses of selected wells are given in milligram equivalents per liter on page 101

d/ Analyzed by State Department of Health.

Partial analyses of water from wells and springs in Travis County, Texas--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
322	John Teagle	484	- , 1932	-	187	98	1,680	-	945	2,300	b/	-	-
323	Fred Parsons	400	Feb. 4, 1940	669	65	29	150	317	88	180	b/	1.0	283
c/324	Mulkey Fst.	45	June 4, 1940	362	117	6	9	329	18	19	30	0.2	319
325	Webb Ruff	461	do.	1,184	60	37	331	305	225	380	b/	1.1	303
327	Walling Fst.	442	Oct. 17, 1940	2,727	138	69	779	372	496	1,060	b/	1.6	628
328	do.	37	do.	148	25	3	22	49	15	37	22	-	77
332	Adolph Sieber	15	Mar. 7, 1938	511	121	2	54	305	41	34	109	-	312
333	State of Texas	1,975	May 25, 1938	1,517	32	14	514	512	445	253	b/	5.6	139
334	E. P. Collins	426	June 25, 1935	-	40	15	27	376	65	35	b/	-	160
335	Joe Brown	310	June 27, 1939	606	76	30	114	360	82	126	b/	1.1	313
336	C. H. Jung Jr.	316	May 25, 1939	572	76	30	102	348	59	134	b/	-	313
d/337	State Highway Dept.	405	Mar. 7, 1940	402	144	8	15	382	33	34	35	0.4	393
338	Thiele Fst.	231	Dec. 17, 1940	406	92	21	35	384	31	26	b/	0.2	318
339	Walter Farmer	190	Mar. 16, 1940	909	109	98	64	433	378	34	b/	3.2	676
340	M. M. Bonnett	315	June 27, 1939	445	98	44	6	397	70	25	b/	0.8	427
341	Austin Memorial Park	330±	Oct. 15, 1940	437	87	25	44	366	54	37	b/	0.2	321
c/342	F. O. Richcreek	450	do.	471	62	31	76	360	62	62	b/	0.5	284
343	Travis County Water Dist. No. 2	458	Mar. 20, 1941	766	95	29	154	378	121	180	b/	0.9	358
344	do.	440±	Oct. 9, 1940	843	61	36	206	329	147	230	b/	0.7	302
d/345	ThurLOW B. Weed Jr.	456	Sept. 26, 1938	917	69	38	210	366	148	234	b/	1.0	328
345	do.	456	Aug. 12, 1940	863	65	32	211	344	148	224	b/	-	294
346	J. D. Pelphrey	72	June 4, 1940	304	77	5	18	159	25	23	78	-	213
347	D. Tisdale	455	do.	926	71	32	232	348	170	250	b/	-	310
349	Walter Kromer	444	Oct. 15, 1940	516	56	30	100	348	81	76	b/	1.5	263
350	J. Tetens	451	June 7, 1940	1,230	94	34	318	372	231	370	b/	-	376
351	Mrs. Lucille Harvey	22	do.	321	108	6	3	281	15	22	29	-	294
352	Mrs. E. E. Lawrence	435	do.	542	65	29	100	329	88	98	b/	-	283
353	W. F. Robinson	395	do.	443	63	28	62	342	61	56	b/	-	287

a/ Sulphate less than 10 parts per million

b/ Nitrate less than 20 parts per million

c/ Analyses of selected wells are given in milligram equivalents per liter on page 101.

d/ Analyzed by State Department of Health.

Partial analyses of water from wells and springs in Travis County, Texas---Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
354	John Robinson	428	Oct. 15, 1940	465	57	25	86	336	81	50	b/	1.4	246
355	J. B. Robinson	265	Oct. 4, 1940	553	164	10	29	354	62	110	b/	-	451
356	do.	350	do.	520	73	30	80	403	70	64	b/	0.2	319
357	B. Payton	400	Nov. 14, 1939	423	82	28	43	366	44	51	b/	0.3	323
358	do.	400+	do.	396	36	28	28	373	31	37	b/	-	333
359	do.	80	do.	477	164	11	2	451	48	30	b/	-	457
c/360	W. D. Brooks	400	do.	361	99	22	10	372	26	21	b/	0.3	339
363	Mrs. J. J. Zinzer	617	Oct. 2, 1940	450	96	39	3	390	64	18	b/	0.3	400
363	do.	617	Feb. 19, 1941	393	96	39	-	397	49	14	b/	0.4	399
364	do.	Spring	Oct. 2, 1940	358	106	13	-	370	11	12	b/	-	339
366	H. O. Simons	135	June 14, 1940	291	63	4	6	372	a/	20	b/	0.2	329
368	W. F. Simons	18	do.	251	60	24	4	263	14	17	b/	0.3	250
369	Aubrey Beely	63	do.	417	87	51	7	483	a/	23	b/	-	426
391	Marie Weeks	145	June 13, 1940	394	102	13	7	287	16	21	87	-	331
392	Tom Williams	49	do.	463	141	22	2	451	17	16	48	-	444
394	Beal Stone	Spring	June 10, 1940	389	117	23	3	439	a/	14	b/	-	389
395	C. N. Rogers	300+	June 12, 1940	393	106	30	2	390	47	16	b/	0.4	388
396	Mrs. P. Millholand	140	June 10, 1940	457	128	30	5	482	14	10	27	-	443
397	Thomas Hamilton	47	June 12, 1940	401	117	22	5	415	15	14	24	0.2	334
399	J. J. Williams	115	do.	372	34	43	2	421	12	24	b/	-	388
400	"	53	Nov. 15, 1939	484	101	52	13	475	22	52	b/	-	467
401	J. C. Toungate	90	June 12, 1940	500	144	26	8	494	17	18	44	-	466
402	W. F. Stiefer	60	do.	444	127	29	8	506	12	19	b/	-	438
403	H. Caldwell	76	June 11, 1940	431	130	27	2	488	10	22	b/	-	437
404	Steve Pruett	100	do.	373	-	-	-	415	a/	15	b/	-	-
c/405	J. W. Pruett	126	do.	323	77	32	6	373	a/	16	b/	-	325
406	Ray Kaufman	63	June 12, 1940	396	115	22	5	403	12	19	25	-	379
407	Ruth Bass	103	do.	320	84	24	7	342	16	20	b/	0.6	310
408	City of Austin	Spring	Feb. 3, 1936	411	106	29	35	-	-	40	-	-	383
409	J. C. DeGress	63	Nov. 15, 1939	436	100	49	-	470	a/	19	23	-	450
411	W. F. Morrow	336	Nov. 14, 1939	513	108	55	-	409	30	40	73	1.4	494
412	E. W. Seiders	131+	June 10, 1940	325	61	47	2	366	15	18	b/	2.5	344

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 101

d/Analyzed by State Department of Health.

Partial analyses of water wells and springs in Travis County, Texas--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
413	L. E. Toungate	250+	June 10, 1940	355	74	42	8	415	13	14	b/	-	356
414	J. R. McElroy	85±	do.	371	97	31	7	427	a/	20	b/	-	369
415	-	Spring	June 14, 1940	138	24	16	6	110	14	24	b/	0.2	126
416	-	115	do.	1,619	241	124	77	189	949	40	94	1.2	1,111
417	C. C. Wallis	16	do.	346	87	27	3	281	70	21	b/	0.1	327
c/ 418	Mrs. -- Duval	23	do.	3,319	555	162	237	189	374	820	1,078	0.2	2,055
419	H. O. Simons	112	do.	3,967	533	230	368	293	2,602	88	b/	2.5	2,280
420	Mrs. -- Duval	100+	Oct. 3, 1940	4,719	521	321	430	281	3,142	110	b/	2.1	2,623
421	J. B. Beard	165	Mar. 14, 1940	1,083	124	132	48	409	549	24	b/	5.2	351
422	C. R. Beard	152	do.	954	121	116	38	451	427	26	b/	5.0	782
423	Branton Beard	175	Nov. 18, 1940	1,002	100	118	74	450	458	25	b/	5.2	734
424	Mack Cowan	136	do.	1,505	306	80	62	384	841	23	b/	1.6	1,093
426	Clark C. Champion	280	Jan. 6, 1940	5,546	440	209	1,058	171	3,203	552	b/	-	1,958
427	do.	200	Mar. 16, 1940	5,740	416	238	1,123	384	3,208	560	b/	5.5	2,020
428	Travis County	125±	do.	4,484	558	323	370	397	2,942	94	b/	2.4	2,725
d/ 430	Boy Scouts of America	852	Dec. 21, 1934	3,670	47	35	-	-	666	1,445	-	-	-
430	do.	852	Nov. 19, 1940	3,797	71	41	1,297	516	732	1,400	b/	1.9	346
431	W. S. Gatewood	90±	Mar. 16, 1940	1,071	124	110	84	451	439	40	b/	4.0	763
435	J. W. McClendon	150	Dec. 17, 1940	417	100	27	24	403	34	34	b/	0.2	362
436	H. H. Sevier	140	do.	435	93	31	32	390	42	45	b/	-	359
437	M. R. Gutsch	150	do.	608	168	15	25	415	54	46	96	0.2	484
438	R. A. Muenster	167	May 18, 1938	570	53	32	115	268	108	130	b/	-	265
c/ 439	State of Texas	23	Mar. 8, 1938	555	158	5	57	305	55	73	157	-	413
440	-	Spring	Sept 8, 1937	468	124	5	35	268	142	30	-	-	333
441	S. J. Larson	18	Nov. 15, 1940	348	370	272	258	79	2,342	64	b/	2.6	2,043
442	Vann M. Kennedy	170±	Oct. 31, 1939	274	73	19	8	305	12	12	b/	-	262
443	W. S. Adkins, et al	495	Feb. 13, 1939	-	-	-	23	402	240	14	-	-	548
443	do.	570	Feb. 14, 1939	-	-	-	-	418	180	14	-	-	592
443	do.	588	do.	-	-	-	-	360	500?	25	-	-	1,125
443	do.	600	Feb. 16, 1939	-	-	-	-	376	1,200?	31	-	-	1,140

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 101

d/Analyzed by State Department of Health.

Partial analyses of water from wells and springs in Travis County, Texas--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
443	W. S. Adkins, et al	690	Feb. 16, 1939	-	-	-	-	354	900?	32	-	-	1,125
443	do.	712	Feb. 17, 1939	-	-	-	-	304	750?	39	-	-	945
443	do.	723	Feb. 24, 1939	1,524	168	149	110	352	877	43	b/	3.2	1,031
443	do.	920	Mar. 14, 1939	-	-	-	-	-	400	40	-	-	292
443	do.	933	Mar. -- 1939	-	-	-	-	-	650	46	-	-	273
443	do.	933	Mar. 17, 1939	-	-	-	-	-	254	42	-	-	165
443	do.	977	Mar. 20, 1939	914	-	-	258	255	450	45	-	-	180
444	P. D. Moreland	601	Sept. 17, 1938	1,247	199	136	6	390	693	21	b/	-	1,059
445	Addie & Jessie Roy	557	Nov. 15, 1940	896	143	88	34	409	407	22	b/	1.4	719
446	H. H. Shelton	310	Aug. 27, 1937	-	-	-	-	400	150	13	b/	-	468
447	Theodore P. Meyer	591	Nov. 15, 1940	693	107	88	11	439	253	16	b/	2.2	629
c/448	Frank Templeman	586	do.	464	84	55	5	360	127	14	b/	1.4	439
449	Henry Schnautz	83	Oct. 14, 1938	332	-	-	-	342	28	8	b/	-	-
453	R. W. Shipp	347	Dec. 3, 1937	299	62	16	22	207	60	23	b/	-	243
454	do.	357	May 25, 1937	319	87	21	7	317	27	21	-	-	303
454	do.	357	Dec. 3, 1937	353	100	14	12	311	43	18	b/	-	309
455	M. C. Landrum	350	Aug. 27, 1937	-	-	-	-	296	25	1	b/	-	267
456	Rosa Delanna	210	Dec. 3, 1931	321	96	14	9	336	14	17	b/	-	299
460	do.	135	do.	-	-	-	-	-	13	11	b/	-	-
461	City of Austin	Spring	Aug. 23, 1937	405	87	22	36	329	56	42	b/	-	309
461	do.	Spring	Sept. 7, 1937	471	85	30	50	306	60	89	b/	0.7	336
461	do.	Spring	Sept. 9, 1937	342	83	27	10	318	23	31	b/	0.6	318
461	do.	Spring	Oct. 27, 1939	407	79	28	37	305	38	71	b/	0.2	312
461	do.	Spring	Nov. 9, 1939	399	73	38	26	311	41	68	b/	-	338
481	F. O. Cullen	280	Aug. 9, 1937	-	-	-	25	304	31	39	b/	-	282
482	Theodor Low	280	Aug. 25, 1937	-	-	-	-	308	40	36	b/	-	339
483	S. N. Allred	265 ⁺	Aug. 9, 1937	-	-	-	9	266	25	17	b/	0.1	261
484	J. C. Brodie	299	Aug. 26, 1937	-	-	-	33	384	10	1	b/	-	255
485	Lee Patton	268	Aug. 6, 1937	-	-	-	10	424	63	14	b/	0.4	414
486	Lee Finch	150	Feb. 14, 1941	379	50	57	8	323	94	10	b/	-	360

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million.

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d/Analyzed by State Department of Health.

Partial analyses of water from wells and springs in Travis County, Texas--Continued
Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
487	Mrs. Amy Brewer	114	Feb. 14, 1941	270	75	19	2	293	15	7	b/	0.1	267
488	Ross G. Brown	115	do.	283	78	18	6	293	24	13	b/	-	271
489	F. D. Lloyd	125	do.	240	51	21	10	220	42	8	b/	-	213
490	Ben White	200 $\frac{1}{2}$	Aug. 13, 1937	-	-	-	1	434	49	16	b/	0.8	429
491	F. W. Miller	60	Aug. 26, 1937	-	-	-	-	282	43	12	20	-	291
492	do.	250	do.	-	-	-	-	334	550	24	b/	-	501
493	John Koenig	320	Aug. 27, 1937	-	-	-	-	416	45	16	b/	-	408
494	do.	Spring	do.	331	97	2	31	336	23	13	b/	-	251
495	Eugene Howard	1,090	Aug. 25, 1937	-	-	-	-	352	a/	1	b/	-	285
495	do.	1,090	Feb. 17, 1941	292	78	23	2	311	10	12	b/	-	289
496	George Parker	220	Feb. 18, 1941	269	63	26	1	311	a/	10	b/	-	276
497	Eugene Howard	216	Aug. 25, 1937	-	-	-	-	338	a/	22	80	-	375
498	do.	280	Feb. 17, 1941	283	73	23	-	323	a/	9	b/	-	289
499	Joe Dossun	350	do.	218	114	23	11	256	a/	6	b/	-	204
c/ 500	Mrs. B. B. Davis	350	Feb. 17, 1941	434	136	6	5	287	26	24	96	-	354
501	Merle Goodnight	18	Aug. 3, 1937	-	-	-	38	320	41	84	200	0.2	502
502	H. S. Lawson 1st.	25	do.	339	113	4	21	342	16	33	b/	-	339
504	R. B. Gault	32	Aug. 5, 1937	237	92	1	7	244	11	13	b/	-	236
506	Mrs Rosa J. Spillman	400	do.	-	-	-	491	216	605	432	b/	3.5	303
509	Erlene Patton	45	Aug. 6, 1937	-	-	-	35	390	54	40	83	0.4	428
516	Frank Bailey	37	Aug. 7, 1937	172	58	1	13	183	14	10	b/	-	150
519	Travis County	39	Aug. 9, 1937	382	114	7	23	348	13	13	60	-	315
527	Sarah E. Moore	50	Aug. 13, 1937	-	-	-	10	332	42	16	60	0.1	366
532	Ennis Rambo	22	Apr. 18, 1937	436	159	5	-	378	50	36	-	-	418
581	J. A. Malone	451	Aug. 25, 1937	-	-	-	40	276	220	26	b/	-	405
c/ 617	J. R. Mocre	17	Jan. 11, 1938	359	78	20	28	311	23	23	34	-	278
621	Mrs. L. L. Hart	375	Jan. 19, 1938	370	89	34	2	342	63	14	b/	-	361
661	John Cameron	365	Feb. 18, 1941	451	92	43	6	311	125	16	b/	-	406
662	Ted Deison	246	do.	289	79	21	7	348	a/	6	b/	-	283
663	Harry Williams	235	Aug. 26, 1937	442	86	33	5	392	a/	23	b/	-	352
664	J. P. Hanley	235	Feb. 18, 1941	362	84	39	6	445	a/	9	b/	-	369

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 101

d/Analyzed by State Department of Health.

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

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
665	J. W. Eskew	300	Feb. 18, 1941	278	64	29	8	336	a/	7	b/	--	278
666	-- Stevenson	200±	do.	285	76	24	2	329	a/	10	b/	--	290
667	Ben Garza	275	do.	317	73	36	1	384	a/	8	b/	--	333
668	-- McAlmeyer	283	do.	297	77	28	2	360	a/	7	b/	--	307
669	-- Mathis	27	Aug. 24, 1937	--	--	--	--	462	10	38	b/	--	393
670	Theodor Low	316	Feb. 18, 1941	343	73	35	3	287	72	18	b/	--	327
671	J. T. Eskew	355	Aug. 25, 1937	--	--	--	--	296	a/	9	b/	--	255
672	Jodie Jackson	327	Feb. 17, 1941	294	76	22	8	311	24	11	b/	--	278
673	Roy Slaughter	440	Aug. 24, 1937	--	--	--	--	246	20	10	b/	--	261
674	do.	16	Aug. 25, 1937	--	--	--	--	320	30	34	b/	--	330
676	H. W. Ottmer	418	Aug. 13, 1937	6,990	230	242	1,948	61	1,770	2,770	--	--	1,569
677	F. Jewell	200+	Oct. 20, 1938	4,823	472	9	1,205	195	1,673	1,365	b/	3.2	1,216
678	G. C. Stalnaker	60	do.	309	100	6	9	287	30	14	b/	0.3	273
c/679	Mrs. C. L. Downs	37	Jan. 6, 1938	330	100	--	21	262	29	18	33	--	251
680	F. W. Winkler	22	Aug. 25, 1937	--	--	--	--	252	20	25	b/	--	273
c/681	H. S. Wallace	436	Oct. 20, 1938	570	68	40	80	317	202	20	b/	3.8	335
682	Francis Snyder	125	do.	295	96	3	10	250	28	18	b/	--	252
683	G. A. Bahn Est.	425	do.	316	70	31	6	283	52	15	b/	3.2	304
684	do.	70	Aug. 25, 1937	--	--	--	--	268	20	1	22	--	306
685	C. Scilberger	402	Jan. 15, 1938	8,763	510	255	2,260	317	2,432	3,150	b/	--	2,324
686	A. M. Quist	Spring	Sept. 30, 1938	291	105	5	2	317	12	11	b/	0.8	283
687	Mrs. Elizabeth Gentsch	290	Aug. 24, 1937	--	--	--	--	312	35	16	b/	--	333
688	Mrs. M. Epps	30	Sept. 30, 1938	335	92	16	15	342	12	16	b/	0.2	295
689	August Hartkopf	113	Jan. 5, 1937	980	242	5	57	256	60	130	360	--	623
690	C. E. Lallier	140	Oct. 10, 1938	1,118	228	81	29	403	485	80	b/	2.8	905
691	Frank Casey	42	Sept. 10, 1938	337	94	17	12	336	33	16	b/	--	306
692	Mrs. Bill Odom	100±	Sept. 30, 1938	347	92	15	22	342	16	19	b/	--	289
697	City of Austin	2,246	Aug. 18, 1937	--	--	--	--	122	500	345	b/	3.8	50
698	O. O. Norwood	1,595	do.	--	--	--	--	430	350	82	b/	4.0	255
699	J. D. Elliott	156	Sept. 5, 1938	473	52	34	84	409	65	37	b/	--	271
699	do.	156	Sept. 29, 1938	455	64	26	72	329	85	46	b/	--	266

a/ Sulphate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

c/ Analyses of selected wells are given in milligram equivalents per liter on page 101

d/ Analyzed by State Department of Health.

Partial analyses of water from wells and springs in Travis County, Texas--Continued

Results are parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
699	J. D. Elliott	156	Sept. 29, 1938	431	51	29	93	360	89	39	b/	2.7	248
700	F. B. Perry	2,025	Oct. 4, 1937	1,749	48	37	534	504	627	245	b/	6.9	272
c/ 702	State of Texas	1,454	- - 1937	1,647	46	36	492	519	668	150	b/	7.3	262
711	R. & G. Water Co.	1,147	July 4, 1938	7,206	368	204	1,902	236	2,207	2,406	b/	3.2	1,761
711	do.	1,147	Sept. 18, 1938	7,136	376	213	1,881	325	2,161	2,370	-	3.6	1,813
713	W. S. Wallace	36	Aug. 21, 1937	-	-	-	-	298	10	3	b/	-	243
714	Otto Gevin	25	Aug. 7, 1937	-	-	-	17	240	180	14	25	0.1	387
715	B. L. Byrne	Spring	Aug. 9, 1937	302	119	2	4	323	10	28	b/	-	307
716	Lee Gartman	60	Aug. 23, 1937	-	-	-	-	332	35	14	b/	-	327
c/717	Travis County	3	do.	358	115	2	20	342	43	10	b/	-	296
718	Edward Smith	16	Aug. 9, 1937	-	-	-	99	294	55	272	45	-	501
720	-	24	Nov. 20, 1939	448	93	14	43	220	135	31	24	-	289
721	Travis County	34	Nov. 22, 1939	345	104	9	19	336	14	34	b/	-	296
722	A. L. Sanders	32	Aug. 6, 1937	339	113	4	11	299	37	27	b/	-	297
723	J. C. Burch	42	do.	-	-	-	34	224	52	34	76	-	-
724	-	21	Dec. 20, 1939	479	119	11	45	360	72	44	b/	-	342
725	-	24	do.	746	180	18	44	231	290	47	29	-	526
c/726	C. E. Warren	25	Aug. 7, 1937	868	162	15	139	501	137	130	38	-	465
730	Howard Yeargin	35	Aug. 20, 1937	433	93	31	33	368	13	30	62	-	336
731	Tom Yeargin	35	dc.	457	95	36	18	362	10	32	88	-	384
732	- Bull	31	Aug. 7, 1937	-	-	-	13	272	31	60	133	0.1	459
734	W. P. A. Test	20	Jan. 4, 1940	539	117	38	43	567	28	34	b/	-	448
735	-	18	Oct. 18, 1939	294	104	4	4	299	23	12	b/	-	278
736	State Farm Colony	26	Dec. 8, 1939	342	94	9	29	360	a/	21	b/	-	270
737	C. Burg	41	Nov. 15, 1939	350	93	25	5	348	25	15	b/	0.3	335
739	State Farm Colony	40	Oct. 17, 1939	475	108	26	28	354	92	23	24	-	376
740	M. C. Nixon	25	Nov. 15, 1939	420	-	-	-	384	51	21	b/	-	-
742	State Farm Colony	49	Oct. 17, 1939	340	-	-	-	220	64	20	29	-	-
745	Mrs. - Resig	20	Oct. 18, 1939	226	-	-	-	226	18	10	b/	-	-
747	A. C. Bull	35	Oct. 26, 1939	480	145	15	11	390	97	20	b/	-	424
743	-	28	do.	599	127	16	57	256	239	33	b/	0.9	385

a/Sulphate less than 10 parts per million.

b/nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 101

d/Analyzed by State Department of Health.

Partial analyses of water from wells and springs in Travis County, Texas--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
749	R. Cabin	16	Oct. 18, 1939	261	69	7	14	183	22	13	46	0.8	199
750	W. P. A. Test	23	Oct. 26, 1939	254	83	7	6	244	27	11	b/	1.0	234
751	dc.	24	Oct. 19, 1939	1,242	213	42	129	207	697	76	b/	0.6	706
752	County--City Sanatorium	44	Oct. 13, 1939	168	47	5	10	122	15	31	b/	0.4	138
753	Mrs. E. Wolter	15	do.	260	66	5	22	201	23	18	27	--	188
754	Mrs. Alta Wilder	28	June 28, 1937	408	120	13	21	403	31	25	--	--	353
771	J. A. Pearson	317	June 6, 1940	349	81	29	14	366	24	19	b/	--	323
772	Mrs. A. F. McDonald	16	June 3, 1940	202	74	3	--	207	13	10	b/	0.3	197
773	do.	300+	do.	308	74	27	9	342	15	15	b/	--	297
774	Annie Jacobson Ist.	250+	June 6, 1940	305	75	31	1	336	13	20	b/	--	314
776	Mrs. O. L. Brady	552	do.	617	64	33	117	317	168	76	b/	2.6	295
777	do.	14	do.	323	98	9	12	293	24	18	b/	--	280
778	Oscar Wolf Sr.	475	June 3, 1940	586	82	28	95	342	147	64	b/	1.9	322
c/779	S. W. Brogren	525	dc.	348	73	27	25	342	33	20	b/	1.6	292
781	August Hebbe	690	do.	374	81	23	33	366	29	28	b/	0.4	299
782	C. C. Kuemple	609	Apr. 5, 1938	1,346	48	24	421	403	320	335	b/	--	220
783	Pflugerville Gin Co.	696	Apr. 29, 1940	1,758	86	35	520	402	389	535	--	--	358
783	dc.	696	Mar. 21, 1941	1,285	85	28	354	378	284	346	b/	1.6	327
784	Otto Wuthrich	--	Apr. 5, 1938	1,753	66	44	524	366	374	565	b/	--	347
785	Pflugerville Gin Co.	650	dc.	732	146	16	87	305	162	102	69	--	430
786	F. J. Behls	24	July 7, 1938	591	120	4	87	134	40	222	52	--	317
787	Theodore Timmerman	28	July 8, 1938	332	102	3	11	244	32	10	54	--	267
788	Ernest Hebbe	24	July 24, 1938	616	--	--	--	232	152	110	25	--	--
789	W. A. Randig	12	dc.	964	52	8	288	323	214	170	74	--	160
790	T. C. Pfennig	19	dc.	381	104	5	33	329	33	16	28	--	278
791	Fred Pfennig	610	Apr. 5, 1938	313	87	4	18	214	25	16	58	--	232

a/ Sulphate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

c/ Analyses of selected wells are given in milligram equivalents per liter on page 101

d/ Analyzed by State Department of Health.

Partial analyses of water from wells and springs in Travis County, Texas--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
792	H. J. Bohls	630	July 7, 1938	2,356	74	45	711	403	776	545	b/	3.5	373
793	W. K. Prim	725	do.	1,536	18	3	549	476	413	310	b/	4.2	75
794	J. L. Hancock	20	do.	465	-	-	-	397	40	33	24	-	-
795	R. H. Richard	12	do.	377	106	8	32	336	32	14	26	1.1	280
796	Murray & Westment	18	do.	39	20	3	11	85	a/	5	b/	-	62
797	St. Johns Lutheran Church	40	do.	847	27	10	570	305	205	132	53	-	106
798	John Welber	17	do.	848	-	-	-	360	31	16	37	-	-
799	Mrs. Gus Haman	11	July 8, 1938	506	-	-	-	329	36	50	27	-	-
800	Sol Swanson	35	do.	2,533	384	27	447	85	740	800	92	0.6	1,072
801	New Sweden Gin Co.	20	do.	3,495	428	29	719	55	1,409	970	b/	0.6	1,188
802	Peterson Est.	24	July 9, 1938	5,253	-	-	-	232	1,344	2,010	b/	0.6	-
805	R. W. Neidig	26	July 12, 1938	1,958	374	52	135	256	641	90	540	-	1,147
807	- - Nagle	18	do.	491	-	-	-	238	160	34	b/	-	-
809	Porter Thurman	16	do.	-	-	-	-	-	505	1,200	564	-	-
810	C. W. Sponberg	52	Oct. 16, 1940	9,038	915	211	2,009	168	2,230	3,590	b/	-	3,155
821	L. F. Ballerstedt	17	July 12, 1938	422	98	7	34	104	152	64	b/	-	274
823	Howard Rivers	19	do.	705	-	-	-	195	304	72	b/	-	-
825	D. S. Lockwood	Spring	do.	277	89	5	14	293	10	15	b/	-	242
c/826	A. R. Parson	20	Oct. 16, 1940	1,696	162	21	410	397	434	370	b/	0.7	493
327	do.	21	do.	1,784	127	18	479	201	543	470	48	-	391
828	Pat Lockwood	30	Jan. 3, 1940	1,684	222	26	329	311	306	465	183	-	661
830	-	32	Jan. 4, 1940	527	93	29	62	342	107	68	b/	-	353
831	Travis County	40	Jan. 3, 1940	1,015	148	26	175	409	271	136	58	-	476
832	Carl McFachern	26	do.	862	180	15	69	262	109	60	300	-	506
834	A. D. Jones	36	Jan. 2, 1940	529	106	18	66	372	56	68	32	-	341
835	-	35	Jan. 3, 1940	336	72	10	51	366	a/	21	b/	0.6	221
837	O. Peterson	17	Jan. 4, 1940	3,218	595	78	460	342	477	1,440	b/	-	1,808
851	-	17	Jan. 11, 1940	4,164	495	144	626	293	2,544	210	b/	1.1	1,823
852	Mrs. G. J. Eppright	24	July 12, 1938	-	-	-	-	-	653	1,140	34	-	-
853	City of Manor	3,001	do.	1,793	90	25	508	363	727	260	b/	3.7	328
853	do.	3,001	Mar. 20, 1941	1,823	94	24	517	366	746	264	b/	3.2	335

a/Sulphate less than 10 parts per million

b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram-equivalents per liter on page 101

d/Analyzed by State Department of Health.

Partial analyses of water from wells and springs in Travis County, Texas--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
855	-	16	Oct. 17, 1940	313	35	12	60	98	93	65	b/	0.1	137
857	-	19	Jan. 5, 1940	327	71	12	25	159	107	20	b/	-	228
858	B. F. Payton	567	Feb. 21, 1940	4,445	151	89	1,380	342	815	1,850	b/	2.3	744
358	do.	1,456	Mar. 12, 1940	4,681	-	-	-	159	905	2,090	b/	-	-
859	E. B. Giles	27	July 6, 1938	321	74	8	40	293	28	19	b/	-	215
860	Mrs. B. Hamann	725+	do.	2,591	225	5	728	317	485	990	b/	1.9	533
861	do.	28	Aug. 6, 1938	516	140	3	23	207	36	53	159	-	362
862	J. R. Fennington	459	June 5, 1940	988	84	28	241	262	215	290	b/	1.4	327
863	Tom Kellum	445	do.	1,231	75	32	340	378	258	340	b/	-	320
864	G. W. Dillingham	420	June 6, 1940	1,123	65	35	307	360	219	320	b/	-	307
865	Christian Nehring	20	June 5, 1940	385	113	5	19	275	35	32	46	-	303
866	Bohn Est.	640	do.	1,330	71	31	386	378	254	400	b/	1.8	304
867	H. A. Nauert	12	July 7, 1938	358	-	-	-	342	24	13	b/	-	-
363	B. F. Payton	573	Apr. 5, 1939	5,889	219	126	1,798	329	952	2,630	b/	2.2	1,068
881	Hugo Tetens	300±	Aug. 26, 1937	-	-	-	-	318	a/	14	21	-	288
882	J. E. Kruemeke	142±	Jan. 10, 1938	356	-	-	-	256	84	17	b/	-	-
883	B. F. Swank	178	Jan. 8, 1938	365	119	1	24	378	15	20	b/	-	301
884	H. A. Townsley	390	Feb. 17, 1941	262	69	27	-	293	15	7	b/	0.1	282
885	E. B. Polk	244	Aug. 24, 1937	-	-	-	-	276	100	16	b/	-	357
c/886	W. P. Cruze	254	Feb. 17, 1941	577	126	24	36	317	49	54	132	-	415
887	F. W. Worth	250	Aug. 23, 1937	-	-	-	-	268	40	12	b/	-	345
888	Hall Est.	32	Jan. 10, 1938	289	73	3	27	207	19	22	43	-	197
890	Russell C. Faulkner	57	Aug. 25, 1937	-	-	-	40	332	45	82	87	-	459
891	do.	Spring	Feb. 17, 1941	291	87	2	19	256	22	13	22	-	227
892	do.	277	do.	322	66	33	7	268	69	14	b/	1.6	300
894	J. S. Durham	30	Mar. 21, 1938	320	109	2	8	299	17	11	26	-	281
896	C. A. Freund	Spring	Aug. 3, 1937	-	-	-	17	308	33	20	b/	-	291
897	Ben H. Wilson	390	Oct. 20, 1938	1,845	126	74	414	323	706	362	b/	3.7	621
898	Mrs. E. R. Harel	390	Mar. 26, 1940	1,279	72	60	294	409	527	120	b/	4.8	427
899	P. Shelton	Spring	Aug. 20, 1937	-	-	-	-	280	350	58	b/	-	309
900	Travis County	37	Oct. 20, 1938	269	92	7	3	281	12	15	b/	0.2	259
901	Mrs. Mathilda Pittmar	16	Aug. 23, 1937	593	72	14	133	390	100	52	b/	-	239

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 101

d/Analyzed by State Department of Health.

Partial analyses of water from wells and springs in Travis County, Texas--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulphate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
902	- Rivers	33	Aug. 23, 1937	1,298	166	46	201	407	371	114	200	-	603
903	F. J. Dittmar	17	do.	669	135	9	85	275	111	106	88	-	376
904	D. Collins	2,425	Aug. 13, 1937	-	-	-	-	380	700	142	b/	-	453
905	A. L. Sanders	10	Aug. 19, 1937	767	25	45	220	671	33	64	b/	-	248
906	do.	35	Dec. 14, 1939	494	83	35	42	262	72	73	60	0.5	352
907	W. E. McGrand	52	Aug. 19, 1937	355	81	13	35	256	45	55	b/	-	258
932	Mrs. A. C. Kieke	18	Aug. 6, 1937	-	-	-	590	352	863	565	b/	0.9	495
934	W. F. A. Test	36	Dec. 14, 1939	8,076	1,013	299	1,413	256	1,967	3,250	b/	0.1	3,774
935	Oswald Oile	Spring	Dec. 11, 1939	1,458	286	49	172	165	104	710	56	-	915
936	do.	Spring	do.	1,930	247	60	383	226	200	920	b/	-	862
937	C. T. Sundberg	27	Aug. 6, 1937	430	142	22	?	476	19	13	b/	-	444
938	-	35	Dec. 9, 1939	393	102	10	24	275	44	24	54	-	296
939	Olin W. Finger	517	Feb. 20, 1940	9,508	460	285	2,474	354	2,747	3,225	-	3.3	2,318
940	W. F. Woolsey	30	Aug. 18, 1937	367	76	29	23	329	55	22	b/	-	308
941	T. R. Pearce	21	Aug. 9, 1937	428	103	27	22	384	60	27	b/	-	367
942	-	25	Nov. 20, 1939	145	31	8	14	159	a/	3	b/	0.4	110
943	J. H. Norwood	30	Aug. 21, 1937	358	105	26	-	390	19	16	-	-	371
944	M. Fowler	31	Dec. 12, 1939	374	79	27	24	336	40	20	b/	-	307
945	W. P. A. Test	21	Dec. 15, 1939	430	104	16	38	355	40	82	b/	-	325
946	C. H. Buck	50	Aug. 17, 1937	465	90	26	55	427	54	30	-	-	330
947	-	47	Nov. 20, 1939	496	89	22	77	427	10	82	b/	0.4	314
948	W. P. A. Test	28	Nov. 22, 1939	634	60	7	190	628	40	20	b/	1.4	180
952	-	61	Nov. 20, 1939	1,006	155	24	191	293	68	410	-	-	485
965	M. W. B. Simmens	15	Aug. 9, 1937	60	24	-	-	61	-	6	-	-	60
966	Claus Philquist	3,008	Aug. 18, 1937	-	-	-	-	7	1,750	988	-	-	1,140
967	Willie Reinhardt	13	Aug. 19, 1937	-	-	-	-	406	350	141	b/	-	435
971	Mrs. L. M. Montgomery	13	Aug. 20, 1937	877	158	24	110	354	271	84	56	-	495
972	Ed. Steussy	22	do.	363	101	9	27	299	38	46	b/	-	291
973	W. M. Studer	21	Aug. 19, 1937	-	-	-	-	272	175	198	45	-	375
974	Roger B. Tyler	20	do.	-	-	-	-	180	2,000	960	-	-	1,335
975	A. J. Langford	15	do.	471	83	18	69	415	60	32	b/	-	296

a/Sulphate less than 10 parts per million.

b/Nitrate less than 20 parts per million.

c/Analyses of selected wells are given in milligram equivalents per liter on page 101

d/Analyzed by State Department of Health.

Partial analyses of water from wells and springs in Travis County, Texas--Continued

Results are in parts per million.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Cal- cium (Ca)	Magne- sium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicar- bonate (HCO ₃)	Sul- phate (SO ₄)	Chlo- ride (Cl)	Ni- trate (NO ₃)	Fluor- ide (F)	Total hardness as CaCO ₃ (calc.)
977	Jake Sneed	10	Aug. 20, 1937	662	96	20	112	326	111	88	75	-	324
978	Sam Young	20	do.	612	52	7	161	378	41	40	125	-	159
979	Travis County	11	do.	606	60	6	158	399	33	58	95	-	176
980	Willie Woods	19	do.	1,483	140	18	344	378	441	194	160	-	426
981	H. F. Heep	24	Aug. 3, 1937	-	-	-	13	256	28	9	b/	-	228
982	J. L. Durrozet Est.	341	June 27, 1939	-	-	-	-	-	-	340	-	-	-

a/ Sulphate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

c/ Analyses of selected wells are given in milligram
equivalents per liter on page 101

d/ Analyzed by State Department of Health.

Chemical Analyses--Continued

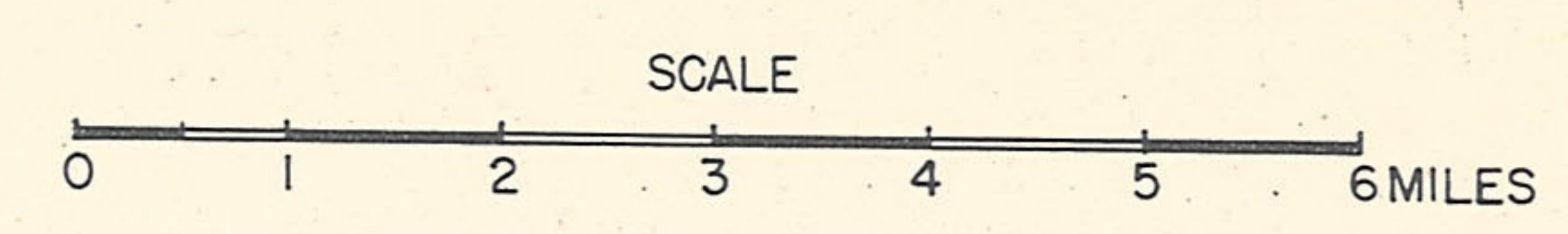
Results are in milligram equivalents per liter.

Well	Owner	Depth of well (ft.)	Date of collection	Total hardness as CaCO ₃ (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Total dissolved solids (calc.)
18	Mrs. Blanche G. Dougherty	1,900+	Nov. 7, 1940	8.26	3.80	4.46	1.27	5.40	2.80	0.90	0.11	0.32	19.06
24	D. M. Huddleston	25	Nov. 6, 1940	6.36	5.98	0.38	1.51	4.30	0.50	1.13	-	1.94	15.74
53	Hulbert Carpenter	70	Oct. 10, 1938	87.16	47.44	39.72	30.84	4.60	10.83	98.99	0.01	3.58	236.00
79	J. G. Purycar	280	Oct. 25, 1938	12.84	8.62	4.22	0.45	5.40	5.71	1.83	0.02	0.35	26.58
102	Jack Dies	85	Nov. 1, 1940	6.60	4.00	2.60	0.62	6.20	0.31	0.56	-	0.15	14.44
120	R. D. Honeycutt	50	June 13, 1940	12.22	5.44	6.78	2.43	6.40	7.43	0.68	0.14	-	29.30
156	I. D. Fowler	32	Oct. 13, 1938	14.90	10.18	4.72	0.37	7.26	1.86	3.33	0.18	2.64	30.54
181	Travis Cook	1,835	Feb. 14, 1941	6.78	4.88	1.90	1.98	3.70	2.12	1.49	-	1.45	17.52
202	D. F. Giesecke	210	May 12, 1940	1.38	4.16	7.22	2.47	6.60	6.30	0.65	0.30	-	27.70
216	Combs Est.	139	Feb. 20, 1941	13.20	8.50	4.70	0.88	3.70	4.32	1.24	0.08	4.74	28.16
252	Austin White Lime Co.	97	June 12, 1940	7.32	5.22	2.10	0.63	6.60	0.19	0.82	0.02	0.32	15.90
279	- - Archal	81	Nov. 14, 1939	6.40	4.46	1.94	0.12	5.70	0.13	0.34	0.01	0.35	13.04
286	C. R. Barnes	131	do.	11.94	11.00	0.94	1.49	4.70	1.52	3.05	0.01	4.16	26.86
324	Mulkey Est.	45	June 4, 1940	6.38	5.86	0.52	0.41	5.40	0.37	0.54	0.01	0.48	13.58
342	F. O. Richcreek	45	Oct. 15, 1940	5.68	3.12	2.56	3.29	5.90	1.29	1.75	0.03	-	17.94
360	W. D. Brooks	400+	Nov. 14, 1939	6.78	4.94	1.84	0.44	6.10	0.53	0.59	0.02	-	14.44
405	J. W. Pruett	126	June 11, 1940	6.50	3.86	2.64	0.27	6.20	0.12	0.45	-	-	13.54
418	Mrs. - Duvall	23	June 14, 1940	41.10	27.74	13.36	10.32	3.10	7.80	23.13	0.01	17.39	182.84
439	State of Texas	23	Mar. 8, 1938	8.26	7.88	0.38	2.48	5.00	1.14	2.06	-	2.54	21.48
448	Frank Templeton	586	Nov. 15, 1940	8.78	4.22	4.56	0.22	5.90	2.64	0.39	0.07	-	18.00
500	Mrs. B. B. Davis	350	Feb. 17, 1941	7.28	6.78	0.50	0.20	4.70	0.55	0.68	-	1.55	14.96
617	J. R. Moore	17	Jan. 11, 1938	5.56	3.88	1.68	1.22	5.10	0.48	0.65	-	0.55	13.56
679	Mrs. C. L. Downs	37	Jan. 6, 1938	5.02	5.02	-	0.93	4.30	0.61	0.51	-	0.53	11.90
681	H. S. Wallace	436	Oct. 20, 1938	6.70	3.38	3.32	3.46	5.20	4.20	0.56	0.20	-	20.32
702	State of Texas	1,454	- - 1937	5.24	2.32	2.92	21.40	8.50	13.91	4.23	-	-	53.28
717	Travis County	3	Aug. 23, 1937	5.92	5.76	0.16	0.86	5.60	0.90	0.28	-	-	13.56
726	O. B. Warren	25	Aug. 7, 1937	9.30	8.10	1.20	6.05	8.22	2.86	3.66	-	0.61	30.70
779	S. W. Brogren	525	June 3, 1940	5.84	3.64	2.20	1.09	5.60	0.69	0.56	0.08	-	13.86
826	A. R. Parson	20	Oct. 16, 1940	9.86	8.10	1.76	17.83	6.50	9.05	10.44	0.04	1.66	55.38
886	W. P. Cruze	254	Feb. 17, 1941	8.30	6.30	2.00	1.57	5.20	1.02	1.52	-	2.13	19.74

101

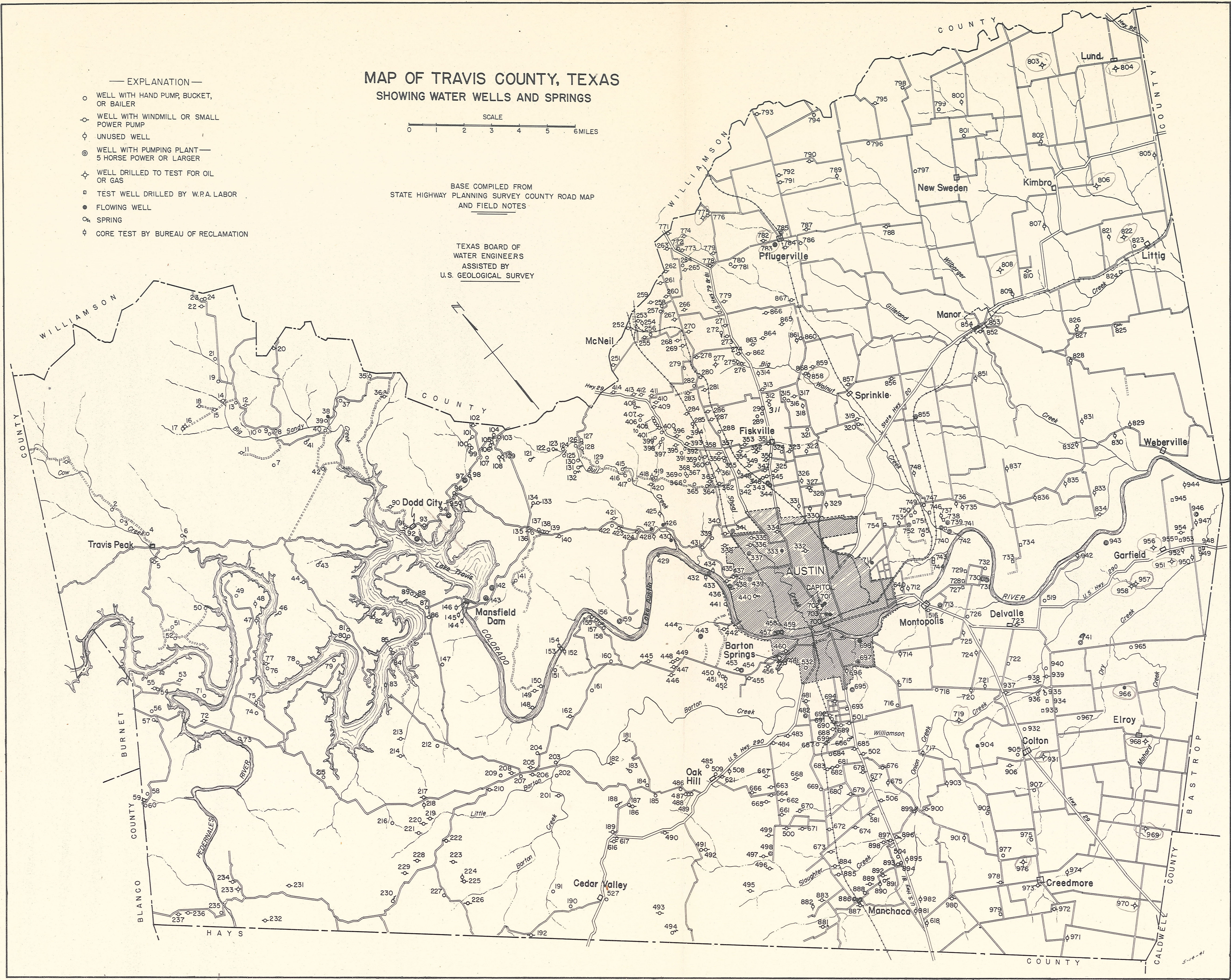
MAP OF TRAVIS COUNTY, TEXAS SHOWING WATER WELLS AND SPRINGS

- EXPLANATION —
- WELL WITH HAND PUMP, BUCKET, OR BAILER
 - ◌ WELL WITH WINDMILL OR SMALL POWER PUMP
 - ∅ UNUSED WELL
 - ⊙ WELL WITH PUMPING PLANT — 5 HORSE POWER OR LARGER
 - ⊕ WELL DRILLED TO TEST FOR OIL OR GAS
 - ◻ TEST WELL DRILLED BY W.P.A. LABOR
 - FLOWING WELL
 - ⊗ SPRING
 - ⊕ CORE TEST BY BUREAU OF RECLAMATION



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

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



HW

5-14-91