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MASON COUNTY, TEXAS

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

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MASON COUNTY, TEXAS

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Introduction

by

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This publication contains data obtained in the course of a survey in Mason County, Texas, consisting of records of 342 wells, 20 springs and 76 test wells, and 316 analyses of water obtained from these wells and springs. The map on page 49 shows the locations of all of the wells, springs, and test wells.

This survey, project No. 13875 of District 19, San Angelo, was a part of the Statewide inventory of water wells sponsored by the State Board of Water Engineers in cooperation with the United States Department of the Interior, Geological Survey. It was started October 25, 1939 and completed February 9, 1940. Wm. M. Lyle, a geologist, was project superintendent. Transportation for the workers was furnished by the Commissioners of Mason County.

The analyses were made by chemists employed on Works Projects Administration project 10443 under the direction of Dr. E. P. Schoch, Director of the Bureau of Industrial Chemistry of The University of Texas, and S. W. Lohr, Chemist, of the Quality of Water Division of the Geological Survey; the Bureau of Industrial Chemistry furnished laboratory space and equipment. This release was typed by typists employed on that project.

The records serve as a guide to land owners, well drillers and others who need information regarding springs and wells, the depth to ground water in different parts of the county, and the quality and chemical character of water yielded by both springs and 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 Geological Survey. The purpose of this investigation is to determine the distribution and extent of the available ground-water supplies and the safe yield of the underground reservoirs.

Records of wells and springs in Mason County, Texas
 (All wells are drilled unless otherwise noted in "Remarks" column.)
 (See Logs of V. P. A. test wells" for all records of test wells.)

No.	Distance from Mason	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) ^{a/}
d/ 1	19 $\frac{3}{4}$ miles northeast	J. F. Barrett Est.	--	Hilltop	1900	360	6	--
4	In Pontotoc	T. M. Carson	H. G. Strong	do.	1914	56	6	1.6
5	do.	S. Finklind & Willis Heirs	-- Willis	do.	1890	38	6	--
6	18 $\frac{3}{4}$ miles north	Willis Heirs	--	Creek valley	--	Spring	--	--
8	17 $\frac{1}{2}$ miles northeast	Reuben Kothmann	Reuben Kothmann	Valley	1919	18	36	3.0
9	17 $\frac{1}{4}$ miles northeast	Woodrow Kothmann	--	do.	1897	18	36	3.0
10	16 $\frac{3}{4}$ miles northeast	Bob Webster	--	do.	1910	29	4	2.2
11	17 $\frac{1}{2}$ miles northeast	Reuben Kothmann	J. M. Draper	do.	1880	20	48	2.6
15	16 $\frac{1}{4}$ miles northeast	R. E. Lee	--	do.	1870	20	36	3.0
16	17 miles northeast	Willie Hillman	--	Hilltop	1868	22	36	2.5
17	16 $\frac{1}{2}$ miles northeast	B. A. Eaton	B. A. Eaton	do.	1932	32	36	1.8
19	do.	Jean Osburn	Jean Osburn	Valley	1880	14	60	1.5
d/20	16 $\frac{1}{2}$ miles northeast	Hickory Grove School	--	do.	1880	34	36	4.0
21	17 miles east	Ralph Hall	Ralph Hall	do.	--	32	2 $\frac{1}{2}$	1.0
22	16 $\frac{1}{2}$ miles east	John Tuckness	John Tuckness	do.	1890	40	36	3.0
23	16 $\frac{1}{4}$ miles east	Amos Tuckness	Amos Tuckness	do.	1918	17	36	--
24	do.	Wilman Larremore	Wilman Larremore	do.	1937	--	48	--
25	do.	Mrs. John Schisler	--	Hillside	1900	18	36	--
26	15 $\frac{1}{2}$ miles east	do.	--	Hilltop	1910	18	36	--
27	14 $\frac{1}{2}$ miles east	John Eckert	John Eckert	do.	1939	12	--	2.0
29	do.	Elmer Leifcste	Herbert Boasley	do.	1930	30	8	--
30	14 $\frac{3}{4}$ miles east	Robert Toepfich	--	Hillside	1929	82	2 $\frac{1}{2}$	--
31	13 $\frac{1}{4}$ miles east	W. H. Schneider	W. H. Schneider	Hilltop	1890	40	36	2.3

a/ Measuring point was usually top of casing, top of pipe clamp or top of well curb; it was above ground level unless below ground indicate by minus (-) sign.

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

Records obtained by W. M. Lyle, Project Superintendent
 (Chemical analyses of water from these wells and springs are in the table of analyses)

No.	Water level		Pump and power b/	Use of water c/	Remarks
	Depth below measuring point (ft.)	Date of measurement			
1	16	e/	N	None	Sandstone reported from 350 to 360 feet. Well not completed.
4	20.5	Nov. 7, 1939	B,H	D	Sandstone reported from 20 to 56 feet.
5	27.0	e/	C,W	P	Water reported from sandstone.
8	--	--	--	S	Reported flow 40 gallons per minute from two openings in loose sand at contact with schist.
8	10.9	Oct. 26, 1939	C,W	D,S	Reported good water.
9	10.1	do.	H	D	Reported strong supply of good water.
10	27.1	Nov. 8, 1939	B,H	None	Dug well. Water reported from schist.
11	15.5	do.	B,H	None	Do.
15	16.2	Oct. 3, 1939	C,H	D,S	Reported strong supply of good water from well dug in schist.
16	15.0	Oct. 31, 1939	C,W	D,S	Do.
17	27.1	Oct. 30, 1939	H	D	Reported strong supply of good water.
19	7.1	Oct. 31, 1939	B,H	S	Reported strong supply of good water from well dug in alluvium.
20	32.9	do.	B,H	P	Dug well.
21	30.0	Dec. 2, 1939	C,H	D,S	
22	30.7	Oct. 26, 1939	C,H	D,S	Dug well, 0 to 30 feet, schist; 30 to 40 feet granite. Reported water level was at the surface in 1919.
23	8.1	Nov. 1, 1939	B,H	D,S	Reported strong supply of good water.
24	17.3	do.	B,H	D,S	Reported good water from schist and granite.
25	8.7	do.	C,H	D,S	Reported strong supply of good water from dug well
26	8.0	do.	C,H	S	Do.
27	4.0	do.	B,H	D,S	Do.
29	5.9	Nov. 2, 1939	C,W	S	Reported good water.
30	26.9	do.	C,H	None	
31	17.1	do.	B,H	D	Reported strong supply of good water. During rainy season water level rises to 3 feet below surface.

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

d/ No water sample collected for analysis.

e/ Water level reported.

Records of wells and springs in Mason County--Continued

No.	Distance from Mason	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Height of	
							Diameter of well (in.)	measuring point above ground (ft.) _{a/}
32	14 miles east	Joe Kothmann	Joe Eaton	Valley	1880	11	36	1.6
33	do.	do.	Joe Kothmann	Hillside	1900	18	36	3.0
34	15½ miles east	Ned Kothmann	--	Hilltop	--	104	6	1.8
36	14½ miles east	do.	Ned Kothmann	Valley	--	76	6	--
37	14 miles east	F. R. Kothmann	F. R. Kothmann	do.	1900	76	6	--
38	14¾ miles east	Frank Tatsch	Antone Starks	Hilltop	1880	77	48	2.3
39	15¼ miles east	Mrs. John Schussler	C. Vater	Hillside	1902	57	2½	0.8
42	16¾ miles east	Lee Leifeste	Herman Miller	Hilltop	1918	99	1½	1.2
43	16½ miles southeast	Edward Stein	C. Vater	Hillside	1919	65	2½	--
44	17½ miles southeast	Mrs. T. F. Moseley	do.	Hilltop	1890	77	2½	1.2
46	17 miles southeast	Albert Keyser	--	Hillside	1870	24	36	1.1
47	18¾ miles southeast	R. P. Kidd	Walter Speath	Valley	1915	40	6	--
48	21 miles southeast	Herman Keyser	E. E. Doyal	do.	--	50	--	--
49	19½ miles southeast	Henry Keller	do.	do.	1927	35	3	--
50	18¾ miles southeast	E. R. Henke	C. Vater	Hilltop	1935	500	2	--
51	17½ miles southeast	Ben P. Kidd	--	Hillside	1900	41	2½	--
54	15½ miles southeast	Mrs. E. O. Kothmann	--	Creek Valley	--	35	8	--
55	14¾ miles southeast	E. B. Kothmann	J. Bensen	Hillside	1902	104	2½	--
56	15 miles southeast	August Kothmann Est.	August Kothmann	do	1882	50	36	--
58	12 miles southeast	J. H. Weideman	--	Valley	1930	35	2½	--
61	14 miles southeast	Walter Kothmann	--Rosenbush	Hilltop	1902	129	2	0.4
d/ 62	13½ miles southeast	Marvin Kothmann	H. C. Harris	Valley	1918	186	2	--
64	12 miles east	A. C. Leifeste	H. Harlow	Hilltop	1917	68	2	--
65	10½ miles east	Will Jordan	Will Jordan	Hillside	1910	44	36	1.2
d/ 66	9¼ miles east	do.	C. Vater	do.	1928	75	2½	--
67	10½ miles east	Elgin Eckert	do.	Hilltop	1895	190	2½	--

W. M. Lyle, Project Superintendent

No.	Water level		Pump	Use and of power water	Remarks
	Depth below measur- ing point (ft.)	measur- ment point			
32	8.9	Nov. 2, 1939	B,H	D	Reported weak supply of good water. Well fails in dry seasons.
33	12.4	do.	B,H	D	Reported good water but has mineral taste. Well dug in granite.
34	15.3	Jan. 11, 1940	C,W	S	
36	15	<u>e/</u>	C,W	D,S	Well supplies two houses 400 feet distant with good water.
37	15	<u>e/</u>	C,H	S	Reported strong supply of good water from granite.
38	49.0	Jan. 11, 1940	C,H	None	Dug well. Reported weak supply.
39	42.8	Jan. 16, 1940	C,H	D	Reported good water.
42	49.4	Jan. 15, 1940	C,W	D,S	Do.
43	43	<u>e/</u>	C,W	D,S	
44	66.6	Jan. 15, 1940	C,W	S	Reported good water.
46	10.2	do.	B,H	None	Dug well. Reported water from sandstone.
47	30	<u>e/</u>	C,W	D,S	Reported good water.
48	28	<u>e/</u>	C,W	S	Water reported from sandstone.
49	22	<u>e/</u>	C,W	D,S	Do.
50	186	<u>e/</u>	C,W	D,S	
51	30	<u>e/</u>	C,W,H	D,S	Water reported from sandstone.
54	Flows	--	--	S	Reported flow, 15 to 30 gallons a minute.
55	50	<u>e/</u>	C,W	D,S	Water reported from gravel.
56	20	<u>e/</u>	C,W	D	Dug well. Reported water has mineral taste.
58	4	<u>e/</u>	C,W	S	Reported good water.
61	28.0	Dec. 31, 1939	C,W	D	
62	20	<u>e/</u>	N	None	Water reported unfit for domestic use.
64	30	<u>e/</u>	C,W	D,S	Reported good water.
65	21.9	Jan. 10, 1940	C,W	S	Reported good water from dug well.
66	20	<u>e/</u>	C,W	D,S	Steel casing.
67	30	<u>e/</u>	C,W	D,S	Reported good water.

Records of well and springs in Mason County--Continued

No.	Distance from Mason	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
68	12 $\frac{1}{2}$ miles east	Ben Totsche	Ben Totsche	Creek valley	1929	48	6	--
69	13 $\frac{3}{4}$ miles east	Alec Durst	H. C. Harris	Hilltop	1930	80	6	--
70	13 miles east	Lawrence Baxter	--	Hillside	1900	29	36	3.1
71	9 $\frac{1}{2}$ miles east	R. B. Leifeste	William Leifeste	Flat	1892	65	36	2.8
72	11 miles east	Elwood Kothmann	Ben Durst	Valley	1905	24	36	--
73	10 $\frac{1}{4}$ miles east	Alec Kothmann	A. D. Kothmann	do.	1901	41	36	0.6
74	12 $\frac{1}{2}$ miles east	Ed Metzger	Frank Harlow	Hillside	1916	120	6	0.3
75	do.	do.	Jim Tompkins	do.	1927	60	6	--
76	13 $\frac{3}{4}$ miles east	John Eckert	John Eckert	Valley	1900	--	--	--
d/77	13 miles east	do.	H. C. Harris	Edge of Creek	1937	37	6	--
d/78	12 miles east	B. R. Henry	B. R. Henry	Hilltop	1909	32	36	4.3
d/79	11 $\frac{1}{4}$ miles east	Amit Hoersiter	-- Jordan	Valley	--	36	6	1.0
d/80	10 $\frac{3}{4}$ miles east	Elwood Kothmann	Elwood Kothmann	Hilltop	1919	208	6	0.8
82	11 miles northeast	O. M. Brown	O. M. Brown	Valley	1880	32	36	2.4
83	11 $\frac{1}{4}$ miles northeast	do.	H. Harris	Hillside	1937	208	6	0.7
84	11 $\frac{1}{4}$ miles northeast	J. R. Fleming	J. R. Fleming	do.	1900	50	6	--
85	13 $\frac{1}{4}$ miles northeast	Frank Gatt	J. R. Tompkins	Flat	1926	83	6	--
86	13 miles northeast	Emil E. Gatt	John Kelley	Valley	1880	13	36	1.6
87	13 $\frac{1}{4}$ miles northeast	Dan Gatt	Dan Gatt	Hillside	1900	36	82	0.9
88	11 $\frac{3}{4}$ miles northeast	A. D. Brown	A. D. Brown	Valley	1895	24	36	2.8
89	13 $\frac{3}{4}$ miles northeast	Otha Holloway	-- Harris	Hillside	1933	151	6	--
90	14 $\frac{3}{4}$ miles northeast	W. E. Moore	Herbert Beasley	Hilltop	1909	60	6	1.7
d/91	14 miles northeast	Arnold Garrett	Sam Garrett	Valley	1880	28	20	2.0
92	12 $\frac{3}{4}$ miles northeast	B. F. Bunton	B. F. Bunton	Hillside	1915	95	6	--
93	13 $\frac{1}{2}$ miles northeast	H. D. Baxter	--	do.	1890	175	--	1.0
94	14 $\frac{1}{2}$ miles northeast	Willis Capps	--	Valley	1890	17	84	4.3

W. M. Lyle, Project Superintendent

No.	Water level		Pump and power b/	Use of water c/	Remarks
	Depth below measuring point (ft.)	Date of measurement			
68	30	e/	C, W	S	Reported 10 feet of 6-inch steel casing at top, and 2-inch steel casing to bottom.
69	--	--	--	S	Reported weak supply.
70	11.6	Nov. 3, 1939	B, H	--	Reported strong supply of good water from dug well.
71	50.3	Nov. 10, 1939	C, W G, 2 $\frac{1}{2}$	D, S	Do.
72	20	e/	C, W	S	Reported good water from dug well.
73	18.5	Nov. 10, 1939	C, W	S	Reported dependable supply from dug well.
74	8.9	Nov. 3, 1939	C, W	None	Reported yield, 1 gallon a minute from granite.
75	15	e/	C, W	S	Reported strong supply of good water. Surface to 56 feet, schist; 56 feet to 58 feet, blue granite.
76	38	e/	C, W	S	Reported good water.
77	4	e/	C	D, S	Do.
78	26.1	Nov. 3, 1939	B, H	D, S	Reported strong supply from well dug in schist.
79	33.0	do.	B, H	--	Strong supply reported from granite. Steel casing.
80	72.0	do.	B, H	D	Reported good water.
82	15.7	Nov. 16, 1939	B, H	D, S	Well dug. in schist.
83	90.1	do.	--	D	Reported good water.
84	30	e/	C, H	D	Reported very weak supply of good water from schist.
85	18	e/	C, W	D, S	Reported weak supply of hard water.
86	8.0	Nov. 6, 1939	B, H	D	Reported strong supply of soft water from dug well; has been dependable supply since 1893.
87	28.9	do.	C, W, H	D	Reported good water from dug well.
88	3.6	Nov. 17, 1939	C, W G, 5	D, S	Reported strong supply of good water from dug well.
89	50	e/	C, W	S	Reported good water.
90	38.0	Nov. 3, 1939	B, H	None	
91	21.9	do.	B, H	D	Reported weak supply of good water from dug well.
92	50	e/	C, W	S	Reported good water.
93	51.1	Nov. 13, 1939	C, W	S	Reported strong supply of good water from sandstone. Granite at 175 feet.
94	13.7	Nov. 26, 1939	C	S	Good water reported from schist. Well in old time shaft.

Records of wells and springs in Mason County--Continued

No.	Distance from Mason	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
96	15 $\frac{3}{4}$ miles northeast	Willis Capps	Willis Capps	Hillside	--	19	36	2.2
98	16 $\frac{3}{4}$ miles northeast	Andrew Barber	D. Jones	Hilltop	1900	32	6	1.0
100	17 miles northeast	J. C. Nowlin	Charles Fisher	Valley	1890	37	36	1.0
101	16 $\frac{3}{4}$ miles northeast	Charles Pleunneke	S. S. Capps	Hillside	1900	16	33	1.8
104	16 $\frac{3}{4}$ miles northeast	S. S. Capps	--	Valley	--	Spring	--	--
105	16 $\frac{3}{4}$ miles northeast	Carman Nallan	--	do.	--	Spring	--	--
106	do.	May Holloway	W. H. Holloway	Hilltop	1898	47	36	3.5
107	16 $\frac{3}{4}$ miles northeast	F. Hilliard	--	Valley	--	Spring	--	--
108	16 miles northeast	Mrs. Ernestine Miller	--	Hillside	1935	140	8	--
109	do.	D. D. Stockbridge	D. D. Stockbridge	do.	1890	20	36	2.0
110	15 $\frac{3}{4}$ miles northeast	Mrs. Ernestine Miller	L. Harris	Hilltop	1936	195	8	1.5
113	15 miles northeast	O. Holloway	--	Valley	1900	69	36	3.0
115	14 $\frac{3}{4}$ miles northeast	S. D. Flannagin	John Webster	Hilltop	1927	90	6	1.1
116	do.	George Miller	H. C. Harris	do.	1927	127	6	--
118	15 miles east	John Schiller	--	--	--	Lake	--	--
119	12 $\frac{1}{2}$ miles east	Willie Bode	--	--	--	Lake	--	--
200	13 $\frac{3}{4}$ miles northeast	J. E. Eastman	J. Humphrey	Hillside	1901	100	6	--
201	15 miles northeast	Mike Jennings	H. C. Harris	Hilltop	1926	287	6	1.1
202	14 $\frac{3}{4}$ miles northeast	John Williams et al	--	Hillside	--	Spring	--	--
203	14 $\frac{1}{4}$ miles northeast	T. Simon	--	Hilltop	1934	104	6	1.0
204	14 $\frac{3}{4}$ miles northeast	S. W. Leach	--	Near creek	1890	32	6	--
205	13 $\frac{3}{4}$ miles northeast	Fredonia Gin Co.	Fredonia Gin Co.	Valley	1900	70	6	0.2
207	13 $\frac{1}{4}$ miles northeast	R. S. Burney	J. O. Miller	Hillside	1900	38	36	3.2
208	12 $\frac{1}{2}$ miles northeast	R. M. Waters	--	Creek bed	1900	14	36	3.0
209	12 $\frac{1}{2}$ miles north	J. W. Sellers	M. Sellers	Hilltop	1890	12	36	--
210	12 miles northeast	Sam Sherwood	Sam Sherwood	do.	1924	55	6	--

W. M. Lyle, Project Superintendent

No.	Water level Depth Date of below measure- measur- ment ing point (ft.)	Pump and power b/	Use of water c/	Remarks
96	15.5 Nov. 6, 1939	C,W	D,S	Well dug in schist.
98	17 do.	B,H	D,S	Reported weak supply of good water from sandstone.
100	15 Oct. 30, 1939	C,W, G,2 $\frac{1}{2}$	D,S	Water used to supply 200 hogs, sheep and cattle.
101	12.8 Nov. 7, 1939	B,H	D	Well dug in sandstone.
104	Flows --	--	D,S	Reported flow 40 gallons a minute from one opening in limestone. Known as "Capps Spring".
105	Flows --	--	S	Maximum flow reported 10 gallons a minute. Known as "Old Spring". Weak in dry season.
106	35.9 Oct. 30, 1939	C,W	D,S	Reported strong supply of good water from sandstone.
107	Flows --	--	--	Known as "Holloway Spring". Water flows from sandstone.
108	37 Oct. 30, 1939	N	None	Reported good water from sandstone. Blue shale at 37 feet.
109	15.1 do.	B,H	D,S	Reported good water from sandstone in dug well.
110	173 do.	N	None	Reported good water from sandstone.
113	57.5 do.	B,H	D	Well dug in sandstone.
115	24.0 Nov. 13, 1939	B,H	D,S	Reported strong supply of good water from sandstone.
116	65 e/	C,W	S	Do.
118	-- --	--	--	
119	-- --	--	--	
200	60 e/	C,W	D,S	Reported strong supply of good water from sandstone.
201	53.8 Nov. 14, 1939	B,H	D	Water reported from limestone at 28 and 195 feet.
202	Flows --	--	S	Reported flow 4 gallons a minute from one opening in limestone.
203	61 Nov. 14, 1939	C,W	D	Reported good water from sandstone at 103 feet. Some water from limestone at 64 feet and at 90 feet.
204	11 e/	C,W	D	Reported good water from dug well. Limestone at surface. Sandstone 10 feet to 30 feet.
205	25 Nov. 14, 1939	C, steam	Ind	Reported strong supply of good water from sandstone.
207	35 do.	B,H	D	Reported weak supply of hard water from dug well. Blue granite from 6 feet to 36 feet.
208	13.1 Oct. 27, 1939	B,H	None	Dug. well. Quality reported poor.
209	8.8 e/	C,W	D,S	Reported hard water from dug well.
210	15 e/	C,W	D	Reported strong supply of good water from sandstone.

Records of wells and springs in Mason County--Continued

No.	Distance from Mason	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
211	12 $\frac{3}{4}$ miles northeast	A. H. Wells	H. B. Wells	Hill-side	1885	65	6	--
212	11 $\frac{3}{4}$ miles northeast	F. A. Senders	B. Gibbs	do.	1933	133	6	--
d/ 214	11 miles northwest	W. R. Capps	C. Vater	do.	--	79	--	0.8
215	10 $\frac{3}{4}$ miles northeast	do.	H. C. Harris	do.	1938	--	--	--
d/ 216	9 $\frac{3}{4}$ miles northeast	Mrs. --Hubbard	J. Hubbard	do.	1900	27	36	4.0
217	10 $\frac{3}{4}$ miles northeast	Mrs. Ben Allen	--	Valley	--	Spring	--	--
d/ 218	11 $\frac{1}{4}$ miles northeast	Sam Capps	--	do.	1890	21	36	--
219	do.	do.	--Wilson	do.	1880	10	6	1.6
220	10 $\frac{3}{4}$ miles northeast	do.	--Verdell	do.	1938	75	2 $\frac{1}{2}$	--
221	10 $\frac{1}{4}$ miles northeast	O. M. Brown	O. M. Brown	Hill-side	1936	107	6	--
223	9 $\frac{1}{2}$ miles northeast	W. R. Capps	--	Valley	--	--	8	--
d/ 224	7 $\frac{3}{4}$ miles northeast	Rand Capps	--	do.	--	Spring	--	--
d/ 225	8 $\frac{1}{2}$ miles northeast	W. E. Capps	W. R. Capps	Hill-side	1898	45	36	2.1
226	7 miles northeast	H. R. Eaker	Oliver Eastman	do.	1911	56	6	1.5
d/ 227	9 miles northeast	John Leslie	Frank Harlow	do.	1920	98	6	--
d/ 228	9 $\frac{1}{4}$ miles northeast	Alvin Draper	H. C. Harris	do.	1936	75	6	--
230	6 $\frac{1}{2}$ miles northeast	H. O. Brockman	--	do.	1875	51	60	2.2
231	5 miles northeast	do.	Christian Vater	do.	1903	45	6	--
232	4 $\frac{1}{4}$ miles northeast	Herman Leifeste	Fritz Leifeste	Flat	1890	32	48	2.0
233	5 miles northeast	Ervin Hoerster	H. Thomplins	Hill-side	1930	85	6	--
234	7 miles east	Fritz Leifeste	--	Valley	--	Spring	--	--
236	8 $\frac{3}{4}$ miles east	August Willman	Sam Henry	Hill-side	1891	80	36	2.8
237	7 $\frac{1}{4}$ miles east	C. A. Hoerster	--	Hilltop	1878	44	36	3.9
238	5 $\frac{1}{2}$ miles east	C. C. Pluenneke	Will Bush	Valley	1938	31	36	--

a/ Measuring point was usually top of casing, top of pipe clamp or top of well curb; it was above ground level unless below ground indicated by minus (-) sign.

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

W. M. Lyle, Project Superintendent

No.	Water level		Pump and power b/	Use of water c/	Remarks
	Depth below measur- ing point (ft.)	Date of measur- ment			
211	40	e/	C,W	D,S	Reported strong supply of good water from sandstone.
212	99.8	Nov. 16, 1939	C,W	S	Hard sandstone from surface to 9 feet; blue shale, 9 feet to 49 feet; sandstone 49 feet to 91 feet; white
214	42.2	Nov. 15, 1939	C,W	D,S	Reported dependable supply water sand, 93 feet to 133 feet.
215	--	--	--	--	Reported good water.
216	23.4	Nov. 15, 1939	B,H	D,S	Reported weak supply from dug well. Surface to 27 feet, granite wash. Blue granite at bottom. Well
217	Flows	--	--	-S	Reported flow 20 over-flows in wet season, gallons a minute from four openings in loose sand.
218	19	e/	B,H	S	Dug well.
219	8.0	Nov. 13, 1939	C,W	S	Reported good water from sandstone.
220	--	--	C,W	--	Do.
221	45	e/	C,W	S	Water reported from sandstone.
223	--	--	C,W	--	Reported good water.
224	Flows	--	--	--	Reported flow, 15 gallons a minute from pipe in side of hill.
225	26.0	Nov. 16, 1939	C,W	D	Reported good water from well dug in granite.
226	12.1	Nov. 21, 1939	C,W	D	Reported strong supply of good water from sandstone.
227	12	e/	C,W	S	Reported good water.
228	--	--	Flows	S	Water flows through one-inch outlet below top of well on hillside.
230	36	Nov. 20, 1939	C,W	D,S	Reported weak supply of hard water from well dug in schist.
231	5	e/	C,W	D,S	Reported wellflows during wet weather. Drilled in sandstone.
232	21.8	Nov. 21, 1939	C,W	D	Reported strong supply of good water from well dug in schist.
233	--	--	C,W	S	Reported strong supply of good water from well drilled in schist.
234	Flows	--	--	D,S	Estimated flow 10 gallons a minute from gravel in creek bed. Known as "Willow Creek Bed".
236	64.5	Nov. 10, 1939	C,W	D,S	Reported strong supply of good water from well dug in granite.
237	37.5	Jan. 10, 1940	C,W,H	D	Well dug in granite.
238	18	e/	C,W	S	Reported good water from well dug in granite.

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

d/ No water sample collected for analysis.

e/ Water level reported.

Records of wells and springs in Mason County--Continued

No.	Distance from Mason	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) &/
239	7 $\frac{1}{4}$ miles east	Edwin Donop	--	Valley	1870	40	36	--
240	6 $\frac{1}{2}$ miles southeast	Zesch Bros.	Christian Vater	Hill-side	1910	77	3	0.9
241	6 miles southeast	Dan Willman	H. C. Harris	Valley	1937	250	6	--
242	8 $\frac{1}{2}$ miles southeast	C. L. Martin	do.	Hill-side	1912	37	4	0.9
243	9 miles southeast	C. A. Donop	--	Valley	1901	52	36	3.2
d/ 245	11 miles southeast	A. D. Kothmann	B. Gross	do.	1890	55	2	0.7
246	8 $\frac{1}{4}$ miles southeast	Zesch Bros.	H. C. Harris	Valley	1910	175	--	--
248	9 miles southeast	C. L. Martin	--	do.	1937	170	3	--
249	10 $\frac{1}{2}$ miles southeast	Seth Martin	H. C. Harris	Hill-side	1905	600	2	--
250	10 $\frac{1}{4}$ miles southeast	Elgin & Kinney Eckert	do.	do.	1930	85	4	--
251	11 miles southeast	Adolph Eckert	Ed Gross	Hilltop	1921	65	6	1.2
252	13 $\frac{1}{2}$ miles southeast	F. H. Loeffler	Christian Vater	do.	1905	80	36	--
d/ 253	do.	Milton Brandenberger	F. Brandenberger	do.	1895	42	2 $\frac{1}{2}$	0.2
254	14 miles southeast	do.	Christian Vater	Hill-side	1934	150	4	--
255	13 $\frac{3}{4}$ miles southeast	Walter Brandenberger	do.	Valley	1934	150	3	--
256	do.	Milton Brandenberger	do.	Hill-side	1932	264	2	--
257	13 $\frac{1}{2}$ miles southeast	Mrs. Charlie Geistweidt	Charlie Geistweidt	Valley	1880	11	48	--
258	12 $\frac{1}{2}$ miles southeast	Arthur Geistweidt	Christian Vater	Hill-side	1905	60	36	1.0
259	13 miles southeast	Earnest Geistweidt	--	--	1909	200	--	--
260	13 miles south	Mrs. A. Bober	A. Bober	Hill-side	1900	160	36	--
263	15 $\frac{1}{2}$ miles southeast	Martin Andregg	Christian Vater	Hilltop	1910	93	2 $\frac{1}{2}$	--
d/ 264	16 $\frac{1}{4}$ miles south	do.	--	Valley	--	Spring	--	--
265	do.	William Geistweidt	H. C. Harris	Hill-side	1921	115	3	--
266	16 $\frac{1}{2}$ miles south	W. J. Geistweidt	Eugene Gross	do.	1913	290	2 $\frac{1}{2}$	--
267	14 miles south	Oscar Geistweidt	do.	Hilltop	1914	700	2 $\frac{1}{2}$	--
268	14 $\frac{1}{2}$ miles south	Eugene Geistweidt	do.	--	1915	537	2	--

W. M. Lyle, Project Superintendent

No.	Water level		Pump and power	Use of water	Remarks
	Depth below measuring point (ft.)	Date of measurement			
239	30	e/	C, W	D, S	Well dug in schist.
240	46	Dec. 27, 1939	C, W	D, S	Reported strong supply of good water from sandstone.
241	Flows	--	--	S	Reported flow, 30 gallons a minute. Sulphur taste.
242	13	Dec. 27, 1939	C, V	D, S	Well drilled in sandstone.
243	46	do.	C, W	D	Reported good water from dug well. Alluvium, 40 feet shale, 40 to 45 feet; granite to 52 feet.
245	20	Jan. 2, 1940	C, W	D, S	Reported strong supply of good water from schist.
246	15	e/	C, H	D	Reported good water from sandstone.
248	75	e//	C, W	D	
249	--	--	C, W	S	Water reported from sandstone.
250	30	e/	C, W	S	Do.
251	43.2	Feb. 1, 1940	B, H	D, S	Do.
252	30	e/	C, W	D	Reported strong supply of good water from well dug in sandstone.
253	15	Jan. 2, 1940	C, W	D	Reported good water from well dug in granite.
254	Flows	--	--	S	Reported flow, 50 gallons a minute of good water. Supplies fish pond.
255	Flows	--	--	D, S, I	Reported flow, 50 gallons a minute from sandstone.
256	Flows	--	--	I	Reported flow, 40 gallons a minute.
257	Flows	--	--	S	Reported flow, 7 gallons a minute of good water from well dug in limestone.
258	36	Jan. 2, 1940	C, W	D, S	Reported good water from well dug in sandstone.
259	80	e/	--	--	
260	100	e/	C, W	D, S	Reported good water from sandstone.
263	27	e/	C, W	D, S	Do.
264	Flows	--	--	S	Reported yield, 30 gallons a minute from three opening in limestone.
265	15	e/	C, W	S	Reported good water from sandstone.
266	220	e/	C, W	D, S	Do.
267	360	e/	C, W	D, S	Reported strong supply of good water from sandstone.
268	200	e/	C, W	--	

Records of wells and springs in Mason County--Continued

No.	Distance from Mason	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
269	16½ miles south	James Brandenberger	Christian Vater	Foot of hill	1936	171	6	--
d/270	15 miles south	John Brandenberger	Eugene Gross	Flat	1911	690	6	--
271	14¼ miles south	do.	J. Schnurley	Valley	1901	500	2	--
272	12½ miles south	Otto Bremies	Payton Brandenberg	do.	1910	500	2½	--
273	10 miles south	Seth Martin	H. C. Harris	Hilltop	--	600	2½	--
d/274	do.	Ed Loeffler	do.	do.	1910	250	--	--
275	8¼ miles south	Seth Martin	--	Valley	1930	600	2½	--
278	7¾ miles south	Warren Kimbriel	Christian Vater	--	1880	90	--	--
d/279	7¾ miles southeast	Mrs. Eugene Zesch	--	Valley	--	Spring	--	--
280	7 miles southeast	do.	H. C. Harris	do.	1902	30	6	6.8
281	6¾ miles south	William Schmidt	do.	Hilltop	1909	300	2½	--
282	do.	do.	Christian Vater	do.	1910	125	2½	--
283	6½ miles south	Amil Wartenbach	do.	Valley	1935	440	3	--
d/284	5¾ miles south	August Schmidt	H. C. Harris	--	1932	390	2½	--
287	4½ miles south	Frank Simmons	Christian Vater	Hillside	1925	80	2	--
d/288	4½ miles south	Herbert Zesch	H. C. Harris	Hilltop	1932	320	6	--
289	4¼ miles southeast	F. A. Grote	--	Hillside	1880	43	36	3.0
290	3½ miles south	Philip Schmidt	Christian Vater	do.	1898	190	2	--
291	4 miles south	Frank Simmons	--	do.	--	Spring	--	--
294	3¾ miles southeast	M. E. Grote	Christian Vater	Hilltop	1914	56	6	--
296	3½ miles east	A. H. Willmann	A. H. Willmann	Gentle slope	--	65	36	--
297	2½ miles east	Otto Starks	Ben Ritter	Hilltop	1927	45	6	--
6 299	do.	Henry Ritter	do.	Hillside	1875	45	2½	2.8
301	1¼ miles southwest	Tom Cooper	--	do.	1901	112	36	3.0
302	In Mason	Albert Cooper	--	Gentle slope	--	57	6	1.3
303	do.	E. M. Bratton	--	do.	--	--	--	--

W. M. Lyle, Project Superintendent

No.	Water level		Pump and power b/	Use of water c/	Remarks
	Depth below measur- ing point (ft.)	Date of measur- ment			
269	155	<u>e/</u>	C,W	D,S	Reported strong supply of good water which is piped one-half mile to house.
270	250	<u>e/</u>	C,W	S	Reported weak supply of good water.
271	100	<u>e/</u>	C,W	S	Water reported from limestone.
272	400	<u>e/</u>	C,W	D,S	Do.
273	233	<u>e/</u>	C,W	S	Water reported from sandstone.
274	--	--	W	S	Do.
275	145	<u>e/</u>	C,W	S	Do.
278	68	<u>e/</u>	C,W	D,S	
279	Flows	--	--	S	Flows into concrete tank from one opening in sandstone. Gas bubbles at intervals.
280	19	Dec. 30, 1939	C,W	D,S	Reported good water from sandstone.
281	70	<u>e/</u>	C, W	D	Ten feet of water sand reported at bottom of well.
282	80	<u>e/</u>	C,W	D,S	Reported good water from sandstone; taste of minerals
283	Flows	--	--	--	Reported yield, 15 gallons a minute from sandstone. Steel casing.
284	--	--	--	--	
287	15	<u>o/</u>	C,W	D,S	Reported good water from sandstone.
288	112	<u>e/</u>	C,W	D,S	Sandstone to 20 feet; granite from 20 feet to 320 feet.
289	31	Dec. 27, 1939	B,H	D	Reported hard water from well dug in schist.
290	60	<u>e/</u>	C,-	D	Water reported from sandstone.
291	Flows	--	--	--	Reported dependable supply since 1860 from several openings in sandstone at base of limestone.
294	30	<u>o/</u>	C,W	D, S	
296	44.1	Apr. 17, 1939	C,W	D,S	Dug. well.
297	20	<u>c/</u>	C,W	D	Reported dependable supply of good water from schist.
299	25.0	Jan. 10 1940	C,W	D,S	Reported hard water from well dug in sandstone.
301	66	Dec. 13, 1939	C,W	D,S	Reported good water from well dug in sandstone.
302	26.5	Apr. 17, 1940	C,W	D,S	Reported good water.
303	--	--	C,W	D,S	

Records of wells and springs in Mason County-Continued

No.	Distance from Mason	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (ft.)	Height of measuring point above ground (ft.) a/
304	In Mason	Lee Smart	--	Gentle slope	--	80	6	1.2
305	do.	Ed Lemburg	--	Valley	--	24	48	1.1
306	do.	L. P. Schmidt	--	Ridge-top	1928	--	--	--
307	do.	W. S. Hey	Christian Vater	Hilltop	1930	150	6	--
308	do.	Irl E. Larrimore	--	Gentle slope	1925	84	--	0.5
309	do.	W. E. Jordan	Christian Vater	do.	1905	49	6	0.5
310	do.	Lillie Wheeler	do.	Hill-side	1930	70	6	0.4
d/311	do.	Mason Grammer School	do.	Gentle slope	1935	20	6	1.1
312	do.	do.	--	Hill-side	--	Spring	--	--
313	do.	do.	Christian Vater	Gentle slope	1928	40	6	--
314	do.	Mason Ice & Storage Co.	do.	Creek bed	1905	65	6	--
315	do.	S. B. Capps	--	Valley	--	40	--	--
316	do.	Mrs. Nora King	--	do.	--	36	60	4.0
317	do.	R. W. Hoffmann	--	--	--	71	--	0.7
318	do.	Fay Hey	--	Side of range	1925	35	6	--
d/319	do.	G. Shulce	H. C. Harris	--	1939	132	6 $\frac{1}{2}$	--
320	do.	-- Willmann	--	Creek bottom	--	21	36	2.8
321	do.	William Koock	Karl Hoffman	Hilltop	1875	66	60	0.3
322	do.	Texas State Highway Dept.	H. C. Harris	Creek bottom	1933	125	6	--
323	do.	C. A. Barnhart	--	Gentle slope	--	30	36	0.2
324	do.	Lutheran Church	Christian Vater	do.	1938	80	--	--
325	do.	Fort Mason Hotel	--	Creek bottom	1930	60	--	--
326	do.	Mason County	Christian Vater	Gentle slope	1920?	43	6	--
327	do.	Commercial Bank of Mason	H. C. Harris	do.	1937	360	--	--
328	do.	Mrs. Regina Reichnean	--	Flat	--	24	36	3.0
329	do.	New Gooch Cemetery	--	Gentle slope	--	60	6	7.5

W. M. Lyle, Project Superintendent

No.	Water level		Pump and power b/	Use of water c/	Remarks
	Depth below measur- ing point (ft.)	Date of measure- ment			
304	63.5	Apr. 18, 1940	C,H	D,S	Reported adequate supply of soft water from sandstone.
305	13.9	do.	C,W	D,S	Reported good water from dug well.
306	--	--	C,W	D,S	
307	90	c/	C,W	D	Drawdown, 10 foot after pumping 14 gallons a minute for 12 hours.
308	35.3	Apr. 17, 1940	C,W	D,S	Reported soft water.
309	21.4	do.	C,W	D,S	
310	9.9	Feb. 10, 1940	C,W	D	Reported flow at 9 feet; stopped flowing when deepened.
311	0.9	Apr. 17, 1940	C,G, 2 $\frac{1}{2}$	P	Reported well pumps 65 to 70 gallons a minute for 36 hours.
312	--	--	--	P	Reported flow, 12 to 15 gallons a minute from seeps in sandstone. Supplies grammar school swimming pool.
313	10	c/	C,E	P	Supplies public school.
314	27	c/	C,E	Ind.	Supplies ice plant.
315	20	c/	C,W	D,S	Reported hard water.
316	34.1	Apr. 18, 1940	C,W	D,S	Reported adequate supply of hard water from dug well.
317	11.9	Apr. 17, 1940	C,W	D,S	
318	--	--	C,W	D,S	Reported small supply.
319	--	--		None	Do.
320	20.2	Apr. 17, 1940	B, ⁿ	D,S	Reported soft water.
321	20.1	Jan. 12, 1940	C,E	D	Well dug in schist.
322	20	c/	C,E	D	Reported water from granite below 25 feet of white sand.
323	19.3	Apr. 19, 1940	C,	D,S	Reported dependable supply of water from dug well.
324	--	--	C,W	D,S	Reported hard water.
325	--	--	C,E 1 $\frac{1}{2}$	P	Supplies water for 54-room hotel.
326	38	e/	T,E, 1 $\frac{1}{2}$	P	Reported yield, 22 gallons a minute. Supplies water for Mason County Court House.
327	--	--	C,E 3	P	Reported strong supply of water. Used by commercial establishments in the south half of the Ranch block.
328	15.3	Apr. 18, 1940	C,W	F,S	
329	14.2	do.	C,W	D,I	

Records of wells and springs in Mason County--Continued

No.	Distance from Mason	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
d/330	In Mason	J. W. White	--	Gentle slope	--	6	36	2.0
331	do.	W. E. Woodieschessler	--	do.	1930?	30	6	2.0
332	do.	Carl Shafer	E. Doyal	do.	1940	68	--	1.2
333	do.	do.	--	do.	1929	57	8	1.0
334	do.	E. Henrich	B. Ritter	do.	--	56	6	--
335	do.	R. W. White Jr.	E. Schuessler	do.	1935	54	--	1.0
336	do.	E. Henrich	H. C. Harris	do.	1935	114	--	--
337	do.	R. L. Tuckness	--	Creek bottom	--	26	30	3.0
338	do.	Mrs. Emily Thaxton	H. C. Harris	Side of ridge	1936	335	6	--
339	do.	Maxwell & Morrow	--	Gentle slope	--	57	60	3.0
340	do.	W. A. Zesch	--	Creek bottom	--	39	36	1.3
341	do.	Mrs. Frankie Peters	Christian Vater	Gentle slope	1926	35	--	--
342	do.	Harold Schmidt	H. C. Harris	do.	1938	40	6	1.0
343	do.	E. Kelley	--	do.	--	46	48	0.4
d/344	do.	do.	H. C. Harris	do.	1940	180	6	1.1
d/345	do.	-- Engledew	Christian Vater	--	1940	350	--	--
346	do.	F. W. Jenkins	do.	Hillside	1909	32	--	--
d/347	do.	W. M. Martin	H. C. Harris	Ridge-top	1930	600	6	--
348	do.	do.	do.	do.	1930?	536	6	--
349	do.	do.	do.	do.	1915?	80	--	--
d/351	2 miles north	C. T. Frenzel	do.	Valley	1937	37	6	--
352	3 miles northeast	Charles Leifeste	Ben Ritter	do.	--	--	2 $\frac{1}{2}$	--
353	4 miles northeast	R. C. Green	--	do.	1908	--	36	--
354	3 $\frac{1}{4}$ miles north	Harry Behrnes	Christian Vater	Hillside	1900	160	2	--
355	6 miles northeast	R. A. Preiss	Lewis Waters	do.	--	51	--	--
356	8 $\frac{1}{4}$ miles north	Dave Polk	J. Polk	do.	1880	26	--	--

W. M. Lyle, Project Superintendent

No.	Water level		Pump and power <u>b/</u>	Use of water <u>c/</u>	Remarks
	Depth below measuring point (ft.)	Date of measurement			
330	3.5	Apr. 18, 1940	N	None	Dug well.
331	15.7	do.	C,W	D,S	Reported hard water.
332	50.1	do.	C,H	--	Reported strong supply of hard water.
333	53.4	do.	B,H	D,S	Reported weak supply of water.
334	35	<u>e/</u>	C,W	--	Measured yield, seven gallons a minute.
335	34.8	Apr. 18, 1940	C,W	D,S	Measured yield, five gallons a minute of hard water.
336	27	<u>e/</u>	C,W	D,S	Reported weak supply from granite.
337	19.0	Apr. 18, 1940	C,W	D,S	Dug. well.
338	150	<u>e/</u>	C,W	D,S	Reported adequate supply of soft water. Drilled in blue granite below six feet.
339	51.8	Apr. 19, 1940	C,W,E	D,S, I	Reported adequate supply of hard water from dug well. Supplies water for automobile service station.
340	31.8	Apr. 18, 1940	C,W	D,S	Dug well.
341	--	--	C,W	D,S	Reported adequate supply of hard water.
342	35.1	Apr. 18, 1940	C,W	D,S	
343	39.6	do.	C,W	D,S	Reported weak supply of hard water from dug well.
344	37.8	do.	--	None	This well is 12 feet west of well 343.
345	--	--	--	--	New well not completed.
346	14	<u>e/</u>	C, ¹ ,G	--	Reported yield, 15 gallons a minute from red sandstone.
347	--	--	C,G	D,S, I	Reported yield, 30 gallons a minute of soft water. Upper water strata shut off with casing and cement.
348	50	<u>e/</u>	C,W	D,S	This well is 30 inches northwest of well 347. Northeast corner of tennis court.
349	50	<u>c/</u>	C,E, 1 1/2	D,S	Reported yield, 15 to 20 gallons a minute.
351	20	<u>e/</u>	B,H	None	
352	20	<u>c/</u>	C,W	D	Reported good water.
353	16	<u>e/</u>	B,H	D	Reported good water from dug well.
354	120	<u>e/</u>	B,H	D,S	Water reported from sandstone.
355	25	<u>e/</u>	C,W	D,S	Reported soft water from sandstone.
356	22	<u>e/</u>	B,H	None	Well dug in granite wash.

Records of wells and springs in Mason County--Continued

No.	Distance from Mason	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
357	8 $\frac{3}{4}$ miles north	Dave Polk	Dave Polk	Hillside	--	22	6	1.6
358	10 $\frac{3}{4}$ miles north	Dave Ferguson	B. L. Waters	Hilltop	1900	30	36	2.4
359	8 $\frac{3}{4}$ miles north	Guy Green	Young McWilliams	Hillside	1902	35	36	2.3
360	7 $\frac{1}{4}$ miles north	J. W. Ruegner	Raleigh White	do.	1917	150	3	--
361	9 miles north	George T. Kidd	George T. Kidd	do.	1910	73	4	--
362	11 $\frac{3}{4}$ miles north	W. F. Lange	W. F. Lange	Hilltop	1902	32	36	2.3
363	12 $\frac{3}{4}$ miles north	Rip Kirkpatrick	Rip Kirkpatrick	Hillside	1900	17	36	1.5
364	13 miles north	W. Sherwood	John Harkey	Hilltop	1910	60	6	1.0
365	11 $\frac{1}{2}$ miles north	A. M. Harkey	A. M. Harkey	Hillside	--	45	36	--
400	11 $\frac{1}{2}$ miles north	D. J. Tinney	D. J. Tinney	Valley	1934	21	72	1.5
401	do.	do.	do.	do.	1890	14	36	2.5
402	10 $\frac{3}{4}$ miles north	Amzie Kidd	E. W. Jordan	do.	1909	12	48	2.1
403	11 $\frac{1}{2}$ miles north	John Harkey	John Harkey	do.	1900	26	36	2.1
d/404	13 miles north	Clifford Shearwood	--	--	--	350	--	--
406	11 miles north	T. E. Harris	G. Honeycutt	Hillside	1924	87	6	--
d/408	do.	William Smith	--	do.	1938	76	6	1.2
410	12 $\frac{3}{4}$ miles northwest	R. F. Schmidt	H. C. Harris	do.	1936	548	3	--
411	11 $\frac{1}{2}$ miles northwest	Ernest Surber	do.	Valley	1910	365	3	--
412	9 $\frac{1}{4}$ miles north	H. A. Jordan	O. M. Smith	Hilltop	1890	31	36	1.7
413	7 $\frac{1}{4}$ miles north	Mrs. C. Carr	Christian Vater	Valley	1937	30	2	--
414	do.	George Kasper	do.	do.	1939	105	6	--
416	8 $\frac{1}{4}$ miles northeast	Otto Hoffman	do.	Hillside	1926	80	6	--
417	7 $\frac{3}{4}$ miles northwest	do.	Otto Hoffmann	Hilltop	1919	33	36	2.2
418	6 $\frac{1}{4}$ miles northwest	C. J. Underwood	H. C. Harris	do.	1910	183	2 $\frac{1}{2}$	--
419	6 miles northwest	L. D. Starks	Christian Vater	do.	1912	102	6	1.8
420	5 miles northwest	John Lindsay	--	do.	1887	183	36	--

W. M. Lyle, Project Superintendent

No.	Water level		Pump and power b/	Use of water c/	Remarks
	Depth below measur- ing point (ft.)	Date of measure- ment			
357	14.4	Nov. 21, 1939	C,W	D,S	Reported excellent water from granite wash.
358	13.3	Nov. 2, 1939	C,W	D,S	Reported good water from well dug in granite wash.
359	10.6	Nov. 21, 1939	C	D,S	Reported strong supply from well dug in granite wash.
360	50	e/	C	S	Reported hard water from sandstone.
361	35	e/	C,W	D	Reported good water from granite wash.
362	16.3	Nov. 21, 1939	C,W	D,S	Reported good water from well dug in granite wash.
363	14.9	Nov. 14, 1939	B,H	D	Reported strong supply of good water from well dug in granite wash.
364	32.6	do.	C,W	D,S	Reported hard water from granite wash.
365	19.6	do.	C,W	--	Reported good water from well dug in sandstone.
400	16.7	Nov. 15, 1939	C,W,G	D,S,I	Dug well. Well is used to irrigate two acres.
401	8.1	Apr. 4, 1940	B,H	D	Well dug in gravel.
402	5.5	Nov. 21, 1939	C,W	D,S-	Dug well.
403	18.1	Nov. 14, 1939	B,H	D	Water reported from well dug in sandstone.
405	--	--	--	--	Oil test.
406	60	e/	C,W	D,I	Reported hard water from sandstone.
408	65.9	Nov. 21, 1939	B,H	D,S	Reported good water from sandstone.
410	200	e/	C,W	D,S	Do.
411	11	e/	C,W	D,S	Reported strong supply of good water from sandstone.
412	26.9	Dec. 2, 1939	C,W	D	Reported soft water.
413	21.5	do.	C,W	S	Reported good water from granite.
414	30	e/	C,W	D	Reported good water from white sand.
416	--	--	C,W	S	Reported good water from sandstone.
417	17.5	Dec. 1, 1939	B,H	D	Well dug in limestone.
418	100	e/	C,W	D,S	Reported weak supply of good water.
419	31	Dec. 11, 1939	C,W	S	Reported hard water from limestone.
420	52	e/	C,W	D,S	Reported good water from well dug in granite wash.

Records of wells and springs in Mason County--Continued

No.	Distance from Mason	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
421	2 $\frac{3}{4}$ miles northwest	S. K. Shearer	--	Valley	1900	24	2	2.0
422	1 $\frac{3}{4}$ miles northwest	J. J. Hightower	George Bird	Hillside	1885	22	36	1.6
d/425	5 $\frac{1}{2}$ miles northwest	L. L. Westbrook	John Westbrook	Hilltop	1909	32	6	1.2
426	5 $\frac{1}{2}$ miles west	Garner Sequest	--	Valley	1880	34	36	2.2
427	5 $\frac{1}{2}$ miles west	J. W. Doyal	J. W. Doyal	do.	1929	19	36	2.6
428	4 miles west	Frank Harper	-- Cobb	Hillside	1870	28	36	2.7
430	1 $\frac{1}{4}$ miles west	Mrs. Lola A. Hoffman	William Koock	Hilltop	1880	26	--	3.0
431	2 $\frac{1}{4}$ miles west	Elgin O. Kothmann Est.	E. O. Kothmann	Valley	1900	20	3	--
432	do.	do.	--	do.	--	Spring	--	--
437	3 $\frac{1}{2}$ miles southwest	Kurt Zesch	Christian Vater	Hilltop	1910	200	3	--
439	4 $\frac{3}{4}$ miles southwest	do.	do.	Valley	1930	118	1 $\frac{3}{4}$	--
441	7 miles southwest	Elgin O. Kothmann Est.	--	do.	--	Spring	--	--
d/442	do.	Roy Zesch	H. C. Harris	do.	1930	140	2	--
443	4 $\frac{3}{4}$ miles south	Frank Simmons	Frank Simmons	do.	1925	160	2	--
444	5 miles south	J. L. Myers	H. C. Harris	Hillside	1935	295	6	--
445	do.	do.	E. Gross & -- Wagonner	Valley	1910	310	6	--
446	5 $\frac{1}{2}$ miles south	Pat Rogers	--	do.	--	200	--	3
447	6 $\frac{3}{4}$ miles south	Fritz Martin Est.	H. C. Harris	Hilltop	1935	300	6	--
448	7 $\frac{3}{4}$ miles southwest	John Rogers	do.	Valley	1931	223	5 $\frac{3}{4}$	--
449	8 $\frac{1}{2}$ miles southwest	Bill Barton	do.	do.	1921	955	6	---
450	8 $\frac{1}{2}$ miles southwest	John Rogers	--	do.	--	Spring	--	--
453	7 $\frac{3}{4}$ miles south	Emmott Keller	Christian Vater	do.	1912	200	2 $\frac{1}{2}$	--
455	9 $\frac{1}{2}$ miles south	Soth Martin	--	do.	--	Spring	--	--
456	do.	do.	H. C. Harris	Hillside	1929	111	3	--
458	11 $\frac{1}{2}$ miles southwest	Thad Ziegler	do.	Valley	1913	--	3	--
459	11 miles southwest	Alvin Zesch	do.	Flat	1936	--	6	--

W. M. Lyle, Project Superintendent

No.	Water level		Pump and power b/ c/	Use of water c/ d/	Remarks
	Depth below measur- ing point (ft.)	Date of measur- ment			
421	15.1	Dec. 2, 1939	C,W	D,S	Well dug in granite wash.
422	20.0	do.	C,W	D,S	Reported good water from well dug in schist.
425	28.8	c/	C,W B,H	D	
426	27.1	Jan. 17, 1940	P,H	None	Reported mineral water from well dug in granite wash.
427	17.6	Dec. 4, 1939	B,H	D,S	Reported soft water from well dug in granite wash.
428	22.9	Dec. 8, 1939	C,W	S	Reported good water from well dug in granite wash.
430	19.5	Dec. 11, 1939	C,T,E	D	Reported dependable supply of good water from well dug in sandstone.
431	11	c/	C,W	D,S	Do.
432	Flows	--	--	S	Reported flow, 30 gallons a minute from one opening in sandstone.
437	65	c/	C,W	--	Reported good water from limestone.
439	60	c/	C,W	S	Water reported from limestone.
441	Flows	--	--	S	Reported flow, 3 gallons a minute from limestone.
442	24	c/	C,W	D,S	Reported good water from shale.
443	Flows	--	--	S	Flows was 1.6 gallons a minute, April 16, 1940. Measured by C. P. Follett.
444	Flows	--	--	D	Flow was 8.3 gallons a minute, April 16, 1940. Measured by C. P. Follett.
445	Flows	--	--	D	Flow was 47 gallons a minute, April 16, 1940. Measured by C. P. Follett.
446	+10	Apr. 16, 1940	--	--	Water level measured with pressure gauge.
447	Flows	--	--	D	Reported flow, 22 gallons a minute of good water from sandstone.
448	Flows	--	--	D,S	Reported flow, 20 gallons a minute from limestone. Taste of iron and sulphur.
449	25	c/	C,W	D,S	Reported yield, 3 gallons a minute from limestone. Taste of sulphur.
450	Flows	--	--	--	Reported flow, 2 gallons a minute from crevice in limestone.
453	16	c/	C,W	D	
455	Flows	--	--	S	Measured flow, 5 gallons a minute from sandstone. Known as "Langer Camp Spring."
456	40	c/	C,W	S	Water reported from sandstone.
458	--	--	C	D,S	Reported good water from sandstone.
459	--	--	C,W	S	Reported good water from limestone.

Records of wells and springs in Mason County--Continued

No.	Distance from Mason	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
460	12½ miles southwest	Thad Ziegler	Christian Vater	Hillside	1915	160	2½	--
461	12½ miles south	do.	H. C. Harris	Hilltop	1930	--	--	--
462	11½ miles south	C. B. Brandenburger	do.	--	1901	350	2¼	--
464	do.	do.	C. B. Brandenburger	Valley	--	12	36	1.5
468	15 miles south	L. F. Schenk	Sellers & Scarborough	Flet	1924	524	--	--
d/ 469	16½ miles south	do.	--	Creek bottom	1939	20	8	0
470	16½ miles south	A. Geistweidt	H. C. Harris	Ridgetop	1939	380	6	1.5
471	17½ miles south	J. S. Hey	-- Groves	Hillside	1915	839	--	1.3
472	14½ miles southwest	Bon Eckert	--	Valley	--	Spring	--	--
473	13¼ miles southwest	do.	Christian Vater	Hilltop	1930	--	2½	--
474	11 miles southwest	J. J. White Est.	H. C. Harris	Platcau	1928	375	2½	--
475	8¼ miles southwest	Malvin Capps	do.	Valley	1929	580	4½	14
476	9 miles southwest	do.	--	do.	--	Spring	--	--
477	9½ miles west	R. W. Hoffman	H. C. Harris	do.	1938	442	2	--
478	7½ miles west	Vedder & Allen	do.	Hilltop	1929	--	--	--
480	8½ miles west	Herman Loeffler	Christian Vater	Hillside	1938	93	3	--
482	9½ miles west	Arch Carter	Arch Carter	Valley	1939	23	--	--
484	8½ miles west	Cecil Boqusch	--	Hilltop	--	63	6	--
485	7¾ miles west	Joe Blount	J. C. Harris	do.	1936	73	6	1.8
486	6½ miles west	J. N. Cavness	J. N. Cavness	Hillside	1903	43	36	2.4
488	8 miles west	Russell Rhem	G. L. Allen & Jim Suggs	do.	1900	33	36	2.0
489	8¼ miles west	Howard Smith	J. N. Cavness	do.	1912	120	6	0.6
490	10¼ miles west	W. R. Carter	Christian Vater	Valley	1924	120	6	1.0
d/ 492	8¼ miles northwest	C. D. McMillan	Irvin Schissler	Hillside	--	--	--	--
493	7 miles northwest	Carl Runge	Christian Vater	Valley	1902	97	2½	--
495	7½ miles northwest	E. H. Boqusch	do.	do.	1931	118	2½	--

W. M. Lyle, Project Superintendent

No.	Water level		Pump and power b/	Use of water c/	Remarks
	Depth below measur- ing point (ft.)	Date of measur- ment			
460	70	e/	C,W	D,S	Reported good water from sandstone.
461	--	--	C,W	S	Do.
462	300	e/	C,	--	Reported good water from limestone.
464	10.8	Jan. 29, 1940	C,W	D	
468	60	e/	C,W	D,S	Reported weak supply.
469	0.8	Apr. 16, 1940	--	None	Water level about the same as level of creek.
470	86.5	do.	C,W	D,S	Reported good water.
471	150.5	do.	C,W	D,S	Drilled in blue granite.
472	--	--	--	S	Reported flow, 3 gallons a minute of good water from limestone. Known as the "James River Spring."
473	--	--	C,w	S	Reported good water from limestone.
474	--	--	C	S	Do.
475	Flows	--	--	D,S	Reported flow, 18 gallons a minute from limestone.
476	Flows	--	--	S	Water flows from crevice in limestone. Known as "Bear Spring".
477	Flows	--	--	D,S	Reported flow, 15 gallons a minute. Taste of sulphur. Limestone to 200 feet; blue shale 200 feet to
478	--	--	C,W	--	270 feet limestone 270 feet to bottom.
480	30	e/	C,G, 21 $\frac{1}{2}$	D,S,I	Reported good water from sandstone.
482	19	e/	B,H	D	Well dug in sandstone.
484	32	e/	C, W G, 1 $\frac{1}{2}$	D	Reported good water from sandstone.
485	20.3	Jan. 1, 1940	B,H	D	Reported hard water from granite.
486	36.2	Jan. 7, 1940	C,H,W	D,S	Reported good water from well dug in granite wash.
488	15.7	Dec. 4, 1939	C,H,W	D,S	Reported soft water from well dug in sandstone.
489	39.4	Dec. 1, 1939	C,W	D,S	Reported good water from sandstone.
490	13.9	do.	C,W,G	D	Do.
492	--	--	C,W	S	Do.
493	--	--	C,W	D,S	Do.
495	104	e/	C,W	D,S	Reported weak supply of good water from sandstone. This well near several deep dry holes.

Records of wells and springs in Mason County--Continued.

No.	Distance from Mason	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
498	9 $\frac{3}{4}$ miles northwest	Mrs. Farris Wooten	Farris Wooten	Hilltop	1933	190	2 $\frac{1}{2}$	0.5
499	9 $\frac{3}{4}$ miles northwest	Mrs. J. M. Parker	Christian Vater	Hillside	1910	70	6	--
501	11 $\frac{1}{4}$ miles west	Mrs. W. W. Wooten	W. W. Wooten	do.	1890	360	6	--
503	12 miles northwest	Harry Kensing	Harvey Martin	do.	1920	250	6	--
504	12 $\frac{1}{4}$ miles northwest	I. M. Beam	I. M. Beam	do.	1922	149	2	--
505	13 $\frac{3}{4}$ miles northwest	G. A. Schultz	Christian Vater	Valley	1902	170	6	--
506	11 $\frac{1}{4}$ miles northwest	Mrs. J. C. Lemburg	Max Ficker	do.	1880	250	6	--
507	9 $\frac{3}{4}$ miles northwest	Mrs. C. D. Starks	J. Bansing	Hilltop	1899	165	3	--
508	10 $\frac{1}{4}$ miles northwest	Mrs. G. L. Vandever	John Davis	Hillside	1900	360	6	--
509	12 $\frac{3}{4}$ miles northwest	Carl Schmidt	Cocper & Pryor	do.	1930	189	6	0.9
510	12 $\frac{1}{2}$ miles northwest	Mrs. Meta Eckert	August Vater	Plateau	1924	509	6	--
511	13 $\frac{3}{4}$ miles northwest	Henry Schmidt	Cooper & Pryor	Hilltop	1900	315	6	--
512	14 $\frac{1}{4}$ miles northwest	Carl Schmidt	--	Valley	1934	790	--	--
513	16 $\frac{1}{4}$ miles northwest	Kurt Martin	H. C. Harris	Hilltop	1935	190	2 $\frac{1}{2}$	--
514	18 $\frac{1}{4}$ miles northwest	Max Martin & Son	Max Martin	do.	1895	157	6	--
515	19 miles northwest	Kurt Martin	Christian Vater	do.	1928	300	6	--
516	14 $\frac{3}{4}$ miles northwest	Charles Grote	--	Plateau	1926	365	6	--
517	15 $\frac{3}{4}$ miles northwest	Alf Reeves	Christian Vater	Hilltop	1931	250	6	--
518	13 $\frac{3}{4}$ miles northwest	Ben Brandenburger	do.	Hillside	1928	235	2 $\frac{1}{2}$	--
519	12 $\frac{1}{2}$ miles west	I. A. Beam Est.	I. A. Beam	Valley	1900	28	75	--
520	12 $\frac{1}{2}$ miles west	S. M. Allen	A. Cameron	do.	1880	10	48	1.1
521	14 $\frac{1}{4}$ miles west	Lewis Hahn	--Taylor	Hilltop	1910	325	3	--
522	do.	Carl McCollum	--	Gentle slope	1905	204	3	--
523	15 miles west	Mrs. N. J. Johnson	J. Robertson	Flat	1905	90	2	--
525	13 miles west	Ben Pluenneke	Christian Vater	Hilltop	1918	120	2 $\frac{1}{2}$	--
526	11 $\frac{1}{4}$ miles west	do.	H. C. Harris	Hillside	1930	170	2 $\frac{1}{2}$	--

W. M. Lyle, Project Superintendent

No.	Water level		Pump end power b/	Use of water c/	Remarks
	Depth below measur- ing point (ft.)	Date of measur- ment			
498	48.1	e/	C,W	S	Reported good water.
499	30	e/	C,W	D,S	Reported good water from sandstone.
501	310	e/	C,W G, 2 $\frac{1}{2}$	D,S	Reported strong supply of good water from sandstone.
503	100	e/	C,W	D,S	Reported weak supply of good water from limestone.
504	12	e/	C,W	D,S	Reported water supply from coarse white sand from 20 feet to 23 feet.
505	10	e/	C,W G, 2	S	Reported good water from limestone. Tastes of iron.
506	175	e/	C,W	--	Reported good water from sandstone.
507	20	e/	C,W	D,S	Reported strong supply of good water from sandstone.
508	--	--	C,W G, 3 $\frac{1}{2}$	S	Do.
509	8.5	Nov. 28, 1939	C,W	D	Reported good water from sandstone.
510	395	e/	C,W	S	Reported strong supply of good water from sandstone.
511	60	e/	C,W G, 2	D,S	Reported weak supply.
512	125	e/	--	--	Reported water from white sand.
513	30	e/	C,W	S	Water reported from limestone.
514	40	e/	C,W, G, 6	D,S	Reported strong supply of good water from river gravel.
515	30	e/	C,W	S	Reported strong supply of good water from limestone.
517	181	e/	C,W G, 12 $\frac{1}{2}$	D,S	Reported hard water from limestone.
517	145	e/	C,W	D,S	Reported strong supply of good water from limestone.
518	170	e/	C,W G, 2 $\frac{1}{2}$	D,S	Do.
519	15	e/	C,W,H	--	Dug well. Surface to 20 feet, limestone; red sandstone to bottom.
520	8.2	Dec. 7, 1939	B,H	S	Reported dependable supply from sandstone.
521	225	c/	C,W	D,S	
522	59	e/	C,W	D,S	Well drilled in limestone.
523	60	e/	B,H	D	Well drilled in sandstone.
525	24	e/	C,W	D,S	Reported hard water from sandstone.
526	51	c/	C,W	D,S	Well drilled in sandstone.

Records of wells and springs in Mason County--Continued

No.	Distance from Mason	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) ^{a/}
527	11 miles west	Ben Pluenneke	--	Valley	--	Spring	--	--
528	12 $\frac{1}{4}$ miles west	C. D. McMillan	H. C. Harris	Plateau	1900	162	2	--
529	12 miles west	L. B. Eckert T	Christian Vater	do.	1937	333	3	--
530	14 $\frac{1}{2}$ miles west	Wesley L. Eckert	Carl Robinson	Hilltop	1924	75	2	--
531	do.	Harry Spade	Christian Vater	Plateau	1925	300	2	--
d/532	15 $\frac{3}{4}$ miles southwest	W. C. Lehmborg	H. C. Harris	Hilltop	1900	437	--	--
533	16 $\frac{1}{4}$ miles southwest	H. C. Leifeste	Christian Vater	Valley	1930	140	--	--
534	17 $\frac{3}{4}$ miles southwest	Marvin Hoerster	--	Hilltop	1930	500	3	--
535	19 $\frac{1}{2}$ miles southwest	E. M. Jordan	--	Valley	--	Spring	--	--

a/ Measuring point was usually top of casing of pipe clamp or top of well curb; it was above ground unless below ground indicated by minus (-) sign.

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

No.	Water level		Pump and power b/	Use of water c/	Remarks
	Depth below measur- ing point (ft.)	Date of measur- ment			
527	Flows	--	--	--	Reported flow, 20 gallons a minute from limestone.
528	65	e/	C, W	S	Reported good water from sandstone.
529	70	e/	C	S	Limestone to 60 feet, red sandstone 60 to 75 feet.
530	48	e/	C, W	D, S	
531	70	e/	C, W, G, 1 $\frac{1}{2}$	S	Well drilled in limestone.
532	200	c/	C, W	D, S	Reported good water from limestone.
533	--	--	C, W	S	
534	200	c/	C, W, G, 5	D, S	Reported strong supply of good water from limestone.
535	Flows	--	--	S	Reported yield, 3 gallons a minute from limestone.

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

d/ No water sample collected for analysis.

e/ Water level reported.

Logs of test wells drilled by W. P. A. labor in Mason County, Texas
 Sample examined and classified by W. M. Lyle
 Project Superintendent

	Thickness (feet)	Depth (feet)
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Well 2

Valley, Wallace Durst tract, 19 $\frac{1}{2}$ miles northeast of Mason.
 Red soil 2 2
 Yellow clay 13 15
 Rock 15
 Struck water at 15 feet. Water level, 14 feet below ground level, 2 hours after hole completed. December 15, 1939.

Well 3

Valley, McCloud & Frickling Gin Co., 19 miles northeast of Mason.
 Dark-colored soil 6 6
 Caliche 6 12
 Rock 12
 December 15, 1939.

Well 7

Valley, G. H. Willis tract, 18 $\frac{1}{2}$ miles northeast of Mason.
 Sand 4 4
 Clay 4 8
 Water sand 3 11
 Struck water at 8 feet. Water level, 4 feet below ground level, 7 hours after hole completed. December 15, 1939

Well 12

Will Hoover tract, 17 $\frac{1}{2}$ miles northeast of Mason.
 Sand 7 7
 Struck water at 7 feet. Water level, 6 feet below ground level, 4 hours after hole completed. October 31, 1939.

Well 13

Valley, Bob Webster tract, 17 $\frac{1}{2}$ miles northeast of Mason.
 Sand 5 5
 Clay 7 12
 Rock 5 17
 Struck water at 14 feet. Water level, 3 feet below ground level, 1 hour after hole completed. October 31, 1939.

Well 14

Valley, Joe Pryor tract, 17 miles north-east of Mason.
 Sand 4 4
 Clay 16 20
 Rock 5 25

	Thickness (feet)	Depth (feet)
--	---------------------	-----------------

Well 14-- Continued

Struck water at 9 feet. Water level, 6 feet below ground level, 2 hours after hole completed. October 31, 1939.

Well 18

Valley, D. T. Newson tract, 16 $\frac{1}{4}$ miles northeast of Mason.
 Sandy red clay 15 15
 Rock 15
 Struck water at 14 feet. Water level, 12 feet below ground level, 2 hours after hole completed. October 31, 1939.

Well 28

Valley, Robert Teppeck tract, 14 $\frac{1}{2}$ miles east of Mason.
 Sand 6 6
 Rock 6
 November 2, 1939.

Well 35

Hillside, Frank Totch tract, 15 $\frac{1}{2}$ miles east of Mason.
 Light-colored sandy soil 10 10
 Sand and clay 10 20
 Light-colored sandy soil 13 33
 January 11, 1940.

Well 40

Valley, --Loifoste tract, 15 $\frac{1}{2}$ miles east of Mason.
 Sand 10 10
 Clay 10 20
 Rock 20
 January 16, 1940.

Well 41

Valley, Edwin Loifoste Tract, 16 $\frac{3}{4}$ miles east of Mason.
 Sand 14 14
 Gravel 2 16
 Red clay 2 18
 Gray sand 4 22
 Rock 22
 January 15, 1940.

Well 45

Valley, F. DuBose tract, 17 $\frac{1}{2}$ miles southeast of Mason.
 Sandy gravel 20 20

(Continued on next page)

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

	Thickness (feet)	Depth (feet)
<u>Well 45--Continued</u>		
Yellow clay	7	27
Rock		27
January 15, 1940.		
<u>Well 52</u>		
Valley, Joe Kidd tract, $16\frac{1}{2}$ miles south- east of Mason.		
Sand	17	17
Clay	7	24
Rock		24
January 31, 1940.		
<u>Well 53</u>		
Valley, Joe Kidd tract, $16\frac{3}{4}$ miles south- east of Mason.		
Sand	8	8
Clay	12	20
Rock		20
January 31, 1940.		
<u>Well 57</u>		
Valley, Willie Bode tract, $12\frac{1}{2}$ miles southeast of Mason.		
Dark-colored soil	15	15
Sand	15	30
January 2, 1940.		
<u>Well 59</u>		
Valley, Hilton Loifesto tract, $10\frac{3}{4}$ miles southeast of Mason.		
Sandy soil	15	15
Red clay	10	25
Rock		25
January 2, 1940.		
<u>Well 60</u>		
Valley, E. Lemberg tract, $11\frac{1}{2}$ miles southeast of Mason.		
Dark-colored soil	24	24
Yellow clay	1	25
Rock		25
January 2, 1940.		
<u>Well 63</u>		
Valley, Mrs. John Schussler tract, $14\frac{3}{4}$ miles east of Mason.		
Sandy soil	4	4
Yellow soil	12	16
Rock		16
January 15, 1940.		
<u>Well 81</u>		
Valley, O. M. Brown tract, 11 miles north- east of Mason.		
Soil	6	6

	Thickness (feet)	Depth (feet)
<u>Well 81--Continued</u>		
Sand	6	12
Rock		12
Struck water at 17 feet. Water level 15 feet below ground level, 2 hours after hole completed. November 20, 1939.		
<u>Well 95</u>		
Valley, Willis Capps tract, $14\frac{3}{4}$ miles northeast of Mason.		
Sandy soil	23	23
Rock		23
November 17, 1939.		
<u>Well 97</u>		
Valley, Loyd Holloway tract, 17 miles northeast of Mason.		
Sand	8	8
Clay	8	16
Rock		16
November 6, 1939.		
<u>Well 99</u>		
Valley, C. P. Pankey tract, $17\frac{3}{4}$ miles northeast of Mason.		
Clay and sand	6	6
Rock		6
Struck water at 6 feet. Water level, 5.4 feet below ground level. 1 hour after hole completed. November 6, 1939.		
<u>Well 111</u>		
Hillside, W. H. Holloway tract, $15\frac{1}{2}$ miles northeast of Mason.		
Sand	7	7
Clay	13	20
Shale	7	27
Rock		27
October 30, 1939.		
<u>Well 112</u>		
Valley, O. H. Holloway tract, $15\frac{1}{2}$ miles northeast of Mason.		
Sand	20	20
Rock	1	21
October 30, 1939.		
<u>Well 114</u>		
Valley, G. W. Miller tract, $14\frac{3}{4}$ miles northeast of Mason.		
Sand	4	4
Clay	14	18
Rock	4	22
November 13, 1939.		

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

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
<u>Well 117</u>				<u>Well 244</u>			
Sand dunes, D. D. Stockbridge tract, 14 $\frac{1}{4}$ miles northeast of Mason.				Valley, C. A. Donop tract, 9 $\frac{1}{2}$ miles southeast of Mason.			
Sand		23	23	Dark-colored soil		10	10
Rock			23	Yellow clay		20	30
October 30, 1939				Rock			30
				January 2, 1940			
<u>Well 206</u>				<u>Well 247</u>			
Creek bottom, D. Dendy tract, 12 $\frac{3}{4}$ miles northeast of Mason				Valley, C. L. Martin tract, 8 $\frac{1}{2}$ miles southeast of Mason.			
Sand		12	12	Sandy soil		28	28
Clay		10	22	Rock			28
Rock			22	December 30, 1939			
Struck water at 7 feet. Water level, 2 feet below ground level, -- hours after hole completed. November 14, 1939.							
<u>Well 213</u>				<u>Well 261</u>			
Valley, -- Sanders tract, 11 $\frac{1}{2}$ miles northeast of Mason				Hillside, Perry Geistweidt tract, 14 $\frac{1}{4}$ miles south of Mason.			
Sand		10	10	Reddish-colored soil		1	1
Clay		12	22	Clay		20	21
Rock			22	Rock			21
November 16, 1939.				January 3, 1940			
<u>Well 222</u>				<u>Well 262</u>			
Valley, Morgan Hill tract, 10 $\frac{1}{2}$ miles northeast of Mason.				Valley, Perry Geistweidt tract, 14 $\frac{5}{8}$ miles southeast of Mason.			
Sand		8	8	Red soil		10	10
Clay		10	18	Clay		20	30
Rock			18	Rock			30
Struck water at 17 feet. Water level, 3 feet below ground level, 15 hours after hole completed. November 16, 1939.				January 3, 1940			
<u>Well 229</u>				<u>Well 277</u>			
Valley, Alvin Drape tract, 8 $\frac{3}{4}$ miles northeast of Mason.				Valley, Edd Keller tract, 8 miles south of Mason.			
Sand		10	10	Dark-colored soil		15	15
Clay		5	15	Sand		15	30
Rock			15	Rock			30
November 20, 1939.				December 29, 1939.			
<u>Well 235</u>				<u>Well 285</u>			
Valley, -- Jordan tract, 8 miles east of Mason.				Valley, Dan Willmann tract, 5 $\frac{3}{4}$ miles south of Mason.			
Sand		22	22	Sand		14	14
Clay		22	44	Clay		14	28
Struck water at 18 feet. Water level, 4 feet below ground level, 4 hours after hole completed. November 20, 1939.				Rock			28
				January 2, 1940			
<u>Well 286</u>				<u>Well 286</u>			
				Valley, F. A. Grote tract, 4 $\frac{1}{4}$ miles south of Mason.			
				Sandy soil		12	12

(Continued on next page)

Logs of N. P. A. test wells in Mason County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 286--Continued</u>		
Gravel	12	24
Struck water at 14 feet. Water level, 14 feet below ground level, 2 hours after hole completed. December 27, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 292</u>		
Hilltop, Charlie Eckert Estate, 3 miles south of Mason.		
Rock	4	4
Gravel	7	11
Shale and gravel	4	15
Granite		15
December 18, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 293</u>		
Hillside, Will Schussler tract, 1 $\frac{3}{4}$ miles south of Mason.		
Sand	7	7
Clay	8	15
Rock		15
December 19, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 295</u>		
Valley, Welker White tract, 2 $\frac{1}{4}$ miles southeast of Mason.		
Soil	12	12
Clay	10	22
Rock		22
January 12, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 298</u>		
Valley, Otto Starks tract, 2 $\frac{1}{4}$ miles east of Mason.		
Sandy soil	10	10
Clay	10	20
Struck water at 17 feet. Water level, 16 feet below ground level, 3 hours after hole completed. January 10, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 300</u>		
Valley, Mrs. Leo Zeach tract, 1 mile southwest of Mason.		
Sandy soil	15	15
Rock		15
Struck water at 14 feet. Water level, 13 feet below ground level, 2 hours after hole completed. December 19, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 350</u>		
Valley, Dr. D. A. Base tract, $\frac{3}{4}$ miles northwest of Mason.		
Soil and clay	18	18
Red clay	2	20
Blue clay	4	24

	Thickness (feet)	Depth (feet)
<u>Well 350--Continued</u>		
Rock		24
December 13, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 404</u>		
Valley, Alf Hibdon tract, 11 $\frac{5}{7}$ miles north of Mason.		
Sand	9	9
Clay	9	18
Struck water at 8 feet. Water level, 3 feet below ground level, -- hours after hole completed. November 21, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 407</u>		
Valley, Eugene Grose tract, 11 $\frac{1}{2}$ miles north of Mason.		
Sand	12	12
Red clay	9	21
Rock		21
November 27, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 409</u>		
Valley, -- Schmidt tract, 11 $\frac{1}{4}$ miles north of Mason.		
Sand	7	7
Clay	11	18
Rock		18
November 27, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 415</u>		
Valley, Sam Awalf tract, 6 $\frac{5}{7}$ miles north of Mason.		
Black soil	6	6
Red clay	6	12
Caliche	8	20
Rock		20
December 2, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 423</u>		
Valley, John Linsey tract, 2 $\frac{1}{4}$ miles northwest of Mason.		
Dark-colored sand and gravel	15	15
Yellow clay	15	30
Rock		30
January 26, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 424</u>		
Hillside, John Linsey tract, 2 $\frac{1}{2}$ miles northwest of Mason.		
Dark-colored sand and gravel	15	15
Clay	15	30
Rock		30
January 26, 1940.		

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

	Thickness (feet)	Depth (feet)
<u>Well 429</u>		
Valley, $1\frac{3}{4}$ miles northwest of Mason.		
Sand	8	8
Clay	8	16
Struck water at 8 feet, water level, 1 feet below ground level, 7 hours after hole completed. December 11, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 433</u>		
Valley, Dave Kinsey tract, 3 miles west of Mason.		
Dark-colored soil	25	25
Clay	15	40
Rock		40
January 26, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 434</u>		
Valley, County Road, $1\frac{1}{4}$ miles southwest of Mason.		
Red soil	10	10
Clay	15	25
Rock		25
January 16, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 435</u>		
Hillside, Tom Cooper tract, $1\frac{1}{2}$ miles southwest of Mason.		
Red soil	13	13
Yellow clay	14	27
Rock		27
January 16, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 436</u>		
Valley, Emel Kothmann tract, $2\frac{3}{4}$ miles southwest of Mason.		
Black soil	10	10
Yellow clay	11	21
Rock		21
January 16, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 438</u>		
Valley, Zesch Bros. tract, $3\frac{3}{4}$ miles southwest of Mason.		
Sand	12	12
Red clay	5	17
Rock		17
January 1, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 440</u>		
Valley, Ervin Geistweidt tract, $6\frac{3}{4}$ miles southwest of Mason.		
Sand	16	16
Struck water at 15 feet. Water level, 14 feet below ground level, 2 hours after hole completed. December 4, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 451</u>		
In draw, Pat Rogers tract, $7\frac{1}{2}$ miles south of Mason.		
Soil	6	6
Clay	7	13
Rock		13
December 18, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 452</u>		
Zesch Bros. tract, $7\frac{3}{4}$ miles south of Mason.		
Red soil	13	13
Clay	13	26
Rock		26
January 4, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 454</u>		
Valley, Fritz Martin tract, $8\frac{1}{4}$ miles south of Mason.		
Sandy soil	15	15
Clay	15	30
Rock		30
January 4, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 457</u>		
Valley, Emmett Keller tract, $10\frac{1}{2}$ miles southwest of Mason.		
Sandy soil	15	15
Dark-colored soil	15	30
Rock		30
January 29, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 463</u>		
Valley, -- Martin tract, $11\frac{1}{4}$ miles south of Mason.		
Sand	10	10
Clay	18	28
Rock		28
February 1, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 465</u>		
Valley, -- Martin tract, $12\frac{1}{4}$ miles south of Mason.		
Sandy soil	14	14
Clay	22	36
Rock		36
February 1, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 466</u>		
Valley, Seth Martin tract, $12\frac{1}{2}$ miles south of Mason.		
Sand	20	20
Clay	20	40
Rock		40
February 1, 1940.		

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

	Thickness (feet)	Depth (feet)
<u>Well 467</u>		
Valley, Zesch Bros. tract, $12\frac{3}{4}$ miles south of Mason.		
Reddish-colored soil	10	10
Dark-colored soil	10	20
Rock		20
January 29, 1940		

	Thickness (feet)	Depth (feet)
<u>Well 479</u>		
Valley, -- Wagner tract, $8\frac{3}{4}$ miles west of Mason.		
Sand	11	11
Clay	5	16
Rock		16
Struck water at 15 feet. Water level, 2 feet below ground level, 2 hours after hole completed. December 12, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 481</u>		
Valley, $8\frac{3}{4}$ miles west of Mason.		
Sand	9	9
Clay	12	21
Rock		21
December 12, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 483</u>		
Valley, -- Yagner tract, 9 miles west of Mason.		
Sand	15	15
Clay	15	30
Rock		30
December 12, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 487</u>		
Valley, $6\frac{1}{2}$ miles west of Mason.		
Sand	10	10
Clay	10	20
Rock		20
December 4, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 491</u>		
Valley, W. W. Wooten tract, $10\frac{1}{2}$ miles west of Mason.		
Red soil	10	10
Clay	10	20
Rock		20
January 17, 1940.		

	Thickness (feet)	Depth (feet)
<u>Well 494</u>		
Valley, State Highway, Menard Road, $7\frac{1}{4}$ miles northwest of Mason.		
Sand	8	8
Clay	12	20
Rock		20
December 8, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 496</u>		
Valley, Henry Dodd tract, $8\frac{3}{4}$ miles northwest of Mason.		
Sand	7	7
Clay	11	18
Rock		18
December 8, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 497</u>		
Valley, -- Cameron tract, 10 miles northwest of Mason.		
Red sand	22	22
Rock		22
December 1, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 500</u>		
Valley, --, $9\frac{1}{2}$ miles northwest of Mason.		
Red soil	6	6
Yellow clay	6	12
Sand	8	20
Rock		20
December 1, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 502</u>		
Valley, W. W. Wooten tract, $10\frac{1}{2}$ miles northwest of Mason.		
Sand	41	41
Rock		41
December 1, 1939.		

	Thickness (feet)	Depth (feet)
<u>Well 524</u>		
Valley, W. J. Johnson tract, $14\frac{1}{2}$ miles west of Mason.		
Black soil	15	15
Red clay	12	27
Rock		27
January 24, 1940.		

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

(Analyzed 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; by D. F. Riddell, and H. T. Davidson, Chemists; and Martin Wieland, Jack Ramsey and J. H. Raby, Assistant Chemists. Nitrate and fluoride determined by E. W. Lohr. Results are in parts per million. Well numbers correspond to numbers in Table of well records).

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
4	T. M. Carson	56	Nov. 7, 1939	676	80	71	81	491	22	164	b/	-	494
5	S. Ficklind & Willis Heirs	38	do.	463	95	22	36	207	17	110	81	-	329
6	Willis Heirs	Spring	Oct. 7, 1939	130	28	4	16	85	10	30	b/	-	38
8	Reuben Kothmann	18	Oct. 26, 1939	342	45	22	45	195	40	40	54	-	204
9	Woodrow Kothmann	18	do.	255	-	-	-	195	38	26	b/	-	-
c/10	Bob Webster	29	Nov. 8, 1939	521	106	35	55	580	a/	30	b/	0.7	406
11	Reuben Kothmann	20	do.	555	77	32	91	317	35	156	b/	-	325
13	W. P. A. Test	17	Oct. 31, 1939	734	111	20	140	329	88	210	b/	3.4	362
14	do.	25	do.	329	-	-	-	183	64	44	b/	-	-
15	R. E. Lee	20	do.	163	34	11	14	159	13	13	b/	-	132
16	Willie Hillman	22	do.	451	48	26	92	342	44	56	b/	4.2	226
17	B. A. Eaton	32	Oct. 30, 1939	258	48	19	25	226	26	26	b/	-	197
18	W. P. A. Test	15	Oct. 31, 1939	512	-	-	-	244	68	138	b/	-	-
19	Jean Osburn	14	do.	180	31	14	16	146	20	10	b/	-	134
21	Ralph Hall	32	Dec. 2, 1939	-	-	-	-	-	14	12	b/	-	-
c/22	John Tuckness	40	Oct. 25, 1939	396	41	14	90	244	35	64	30	1.5	159
23	Amos Tuckness	17	Nov. 11, 1939	233	25	16	44	207	25	21	b/	-	130
24	Wilma Larremore	-	do.	600	106	26	80	329	60	130	36	-	371
25	Mrs. John Schisler	18	do.	239	28	11	52	220	20	20	b/	-	117
26	do.	18	do.	335	56	19	47	250	36	54	b/	-	217
27	John Eckert	12	do.	167	28	10	21	110	25	29	b/	-	111
29	Elmer Leifeste	40	Nov. 2, 1939	283	40	18	45	244	25	26	b/	-	171
30	Robert Toepfich	82	do.	1,346	214	58	197	323	197	520	b/	-	776
31	W. H. Schneider	40	do.	544	51	22	110	238	95	74	75	-	219
c/32	Joe Kothmann	11	do.	1,086	116	39	218	317	285	240	30	1.0	449
33	do.	18	do.	386	86	32	190	299	179	205	47	-	345
34	Ned Kothmann	104	Jan. 11, 1940	620	90	21	106	183	127	135	b/	-	313

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

c/ Analyses of selected wells are given in milligrams equivalents per liter on page 48.

Partial analyses of water from wells and springs in Mason 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.)
c/36	Ned Kothmann	76	Nov. 2, 1939	2,231	353	22	397	366	478	650	150	0.9	974
37	F. R. Kothmann	76	do.	408	63	24	55	171	60	122	b/	-	255
38	Frank Tatsch	77	Jan. 11, 1940	1,941	318	41	226	268	24	405	795	-	965
39	Mrs. John Schussler	67	Jan. 16, 1940	-	-	-	-	-	142	210	59	-	-
c/42	Lee Leifeste	99	Jan. 15, 1940	891	107	51	147	238	131	315	22	0.9	470
43	Edward Stein	65	do.	1,030	156	77	88	329	103	270	174	-	707
44	Mrs. T.F. Moseley	77	do.	511	39	36	98	140	83	132	b/	-	247
46	Albert Keyser	24	do.	496	22	33	127	207	10	200	b/	0.9	190
47	R. P. Kidd	40	Jan. 31, 1940	416	90	33	20	275	28	100	b/	-	360
48	Herman Keyser	50	Jan. 30, 1940	453	55	34	55	293	30	126	b/	-	301
49	Henry Keller	35	do.	297	-	-	-	256	16	38	b/	-	-
50	E. R. Henke	500	Jan. 31, 1940	-	-	-	-	-	10	26	b/	-	-
c/51	Ben P. Kidd	41	Jan. 30, 1940	345	84	18	18	262	20	34	42	0.4	231
54	Mrs. E.O. Kothmann	35	Jan. 31, 1940	283	34	47	9	287	25	27	b/	-	279
55	E. B. Kothmann	104	Jan. 30, 1940	359	69	16	49	275	12	78	20	-	240
56	August Kothmann Est.	50	Jan. 15, 1940	412	66	18	62	214	49	90	22	-	236
58	J. H. Weideman	35	do.	372	44	20	69	183	51	98	b/	-	192
61	Walter Kothmann	129	Dec. 31, 1939	341	57	22	41	201	33	84	b/	-	234
64	H. C. Leifeste	68	Jan. 10, 1940	575	91	35	68	317	47	112	66	-	372
65	Will Jordan	44	do.	662	46	11	197	214	26	270	b/	1.6	162
67	Elgin Eckert	190	Jan. 11, 1940	367	55	14	61	171	32	94	27	-	194
68	Ben Totsche	48	Nov. 2, 1939	202	26	11	33	110	44	34	b/	-	112
69	Alec Durst	80	do.	855	145	52	52	214	73	154	274	-	577
70	Lawrence Baxter	29	Nov. 3, 1939	122	7	7	31	67	a/	30	b/	0.7	44
71	R. B. Leifeste	65	Nov. 10, 1939	541	119	29	39	171	22	230	b/	-	418
72	Elwood Kothmann	24	Jan. 11, 1940	162	19	8	31	110	12	22	b/	-	80
73	Alec Kothmann	41	Nov. 10, 1939	127	33	7	7	110	a/	20	b/	-	109
74	Ed Metzger	120	Nov. 3, 1939	550	109	10	86	445	a/	113	b/	-	340
75	do.	60	do.	415	72	30	41	207	46	124	b/	-	303
c/76	John Eckert	-	Nov. 1, 1939	893	76	33	217	610	204	51	b/	2.4	326
82	O. M. Brown	32	Nov. 16, 1939	352	66	21	36	177	17	120	b/	-	253

a/ Sulfate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

c/ Analyses of selected wells are given in milligrams equivalents per liter on page 43.

Partial analyses of water from wells and springs in Mason 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.)
83	O. M. Brown	203	Nov. 16, 1939	560	121	24	61	372	18	138	b/	1.2	400
84	J. R. Fleming	50	Nov. 3, 1939	394	-	-	-	397	12	33	b/	-	-
85	Frank Gatt	83	Nov. 6, 1939	1,725	94	66	394	476	212	275	450	-	506
86	Emil E. Gatt	13	do.	188	54	11	4	207	a/	11	b/	-	182
c/87	Dan Gatt	36	do.	2,328	213	88	462	647	375	450	420	2.0	894
88	A. D. Brown	24	Nov. 17, 1939	582	85	24	99	329	48	120	44	-	310
89	Otha Holloway	151	Nov. 3, 1939	390	75	16	56	329	24	56	b/	1.3	255
90	W. E. Moore	60	do.	420	63	31	47	281	28	53	55	-	234
92	B. F. Bunton	95	Nov. 13, 1939	524	73	14	86	61	13	138	120	-	239
c/93	H. D. Baxter	175	do.	1,341	196	43	253	500	93	500	b/	0.4	666
94	Willis Capps	17	Nov. 6, 1939	495	-	-	-	384	17	100	b/	-	-
96	do.	19	do.	835	87	32	177	445	112	140	68	-	350
98	Andrew Barber	32	do.	225	32	10	38	104	20	64	b/	-	121
100	J. C. Nowlin	37	Oct. 30, 1939	157	28	10	10	73	17	18	38	-	111
101	Charles Pleunneke	16	Nov. 7, 1939	245	64	13	10	207	13	27	b/	-	213
104	S. S. Capps	Spring	Nov. 3, 1939	312	66	19	28	238	24	58	b/	-	242
105	Carman Nallan	Spring	Nov. 7, 1939	722	183	41	51	854	a/	21	-	-	625
106	May Holloway	47	Oct. 27, 1939	913	90	20	224	244	61	350	48	-	307
107	F. Hilliard	Spring	Nov. 16, 1939	332	49	16	60	305	28	29	b/	-	190
108	Mrs. Ernestine Miller	140	Oct. 30, 1939	120	31	7	6	73	a/	35	b/	0.6	104
109	D.D. Stockbridge	20	Feb. 8, 1940	271	-	-	-	201	13	50	b/	-	-
110	Mrs. Ernestine Miller	195	Oct. 30, 1939	274	57	15	26	183	29	57	b/	-	204
113	O. Holloway	69	do.	483	92	13	75	244	18	154	b/	1.2	233
115	S.D. Flannagin	90	Nov. 13, 1939	662	123	19	71	73	10	255	133	-	397
116	George Miller	127	do.	292	67	14	26	201	16	70	b/	-	224
c/118	John Schiller	Lake	Nov. 1, 1939	172	22	10	32	165	a/	15	b/	1.7	96
119	Willie Bode	Lake	Nov. 2, 1939	103	-	-	-	98	12	4	b/	-	-
200	J. E. Eastman	100	Nov. 15, 1939	414	80	39	14	311	20	42	66	-	359
201	Mike Jennings	287	Nov. 14, 1939	443	79	21	69	445	25	29	b/	0.6	283
202	John Williams et. al.	Spring	do.	461	145	25	3	537	a/	16	b/	-	465

Partial analyses of water from wells and springs in Mason 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.)
203	T. Simon	104	Nov. 14, 1939	620	152	18	32	323	23	66	165	-	451
204	S. W. Leach	32	do.	544	89	31	63	348	36	64	90	-	349
205	Fredonia Gin Co.	70	do.	373	45	16	69	201	40	64	40	-	180
c/207	R. S. Burney	38	do.	277	36	13	55	256	16	9	b/	3.2	143
208	F. M. Waters	14	Oct. 27, 1939	211	52	10	17	220	a/	19	b/	-	171
209	J. W. Sellers	12	Nov. 14, 1939	250	40	9	45	195	28	32	b/	-	136
c/210	Sam Sherwood	55	Oct. 27, 1939	280	44	13	44	207	13	34	24	1.2	163
211	A. H. Wells	65	Nov. 15, 1939	573	121	8	31	311	14	130	71	-	335
212	F. A. Sanders	133	Nov. 16, 1939	233	41	8	36	122	30	58	b/	-	135
215	W. R. Capps	-	Nov. 21, 1939	480	102	11	68	256	13	160	b/	-	302
217	Mrs. Ben Allen	Spring	Nov. 16, 1939	354	76	11	44	232	24	78	b/	0.7	237
219	Sam Capps	10	Nov. 13, 1939	254	62	19	11	244	10	32	b/	-	232
220	do.	75	Nov. 21, 1939	459	-	-	-	305	22	102	b/	-	-
221	O. M. Brown	107	Nov. 17, 1939	401	85	15	52	329	16	71	b/	-	274
223	W. R. Capps	-	Nov. 21, 1939	500	96	27	61	373	22	103	b/	-	352
226	H. R. Eaker	56	Nov. 20, 1939	305	70	19	21	275	32	28	b/	-	252
230	H. O. Brockman	51	do.	518	93	36	36	354	40	29	110	-	382
231	do.	45	do.	381	65	25	41	232	36	76	24	-	265
232	Herman Leifeste	32	do.	384	64	33	35	281	28	72	b/	-	295
233	Ervin Hoerster	85	do.	466	91	31	43	323	48	94	b/	0.1	354
234	Fritz Leifeste	Spring	do.	300	-	-	-	238	34	33	b/	-	-
c/236	August Willmann	80	Nov. 10, 1939	389	57	16	68	323	20	21	46	2.3	210
237	C. A. Hoerster	44	Jan. 10, 1940	455	112	21	21	256	27	94	54	-	368
238	C. C. Plunneke	31	Jan. 8, 1940	157	12	5	36	73	17	21	30	-	53
c/239	Edwin Donop	40	Jan. 11, 1940	813	145	48	87	378	115	215	b/	0.8	559
240	Zesch Bros.	77	Dec. 27, 1939	346	62	18	39	146	26	106	23	-	231
241	Dan Willman	250	--	453	73	26	46	153	23	140	60	-	301
242	C. L. Martin	37	Dec. 27, 1939	434	86	16	48	189	40	110	41	-	280
243	C. A. Donop	52	do.	397	84	26	31	342	36	33	b/	-	316
246	Zesch Bros.	175	Dec. 30, 1939	527	118	20	29	256	36	54	144	-	377
248	C. L. Martin	170	Feb. 10, 1940	331	-	-	-	372	a/	10	b/	-	-
249	Seth Martin	600	Jan. 4, 1940	335	48	47	18	372	16	22	b/	0.5	314
250	Elgin & Kinney Eckert	85	Dec. 30, 1939	286	-	-	-	263	20	24	b/	-	-

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

c/ Analyses of selected wells are given in milligrams equivalents per liter on page 48.

Partial analyses of water from wells and springs in Mason 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.)
251	Adolph Eckert	65	Jan. 31, 1940	-	-	-	-	-	36	240	38	-	-
252	F. H. Loeffler	30	Dec. 30, 1939	345	84	5	31	214	14	42	64	-	233
254	Milton Brandenberger	150	-	321	-	-	-	281	20	40	b/	-	-
255	Walter Brandenberger	150	-	356	-	-	-	305	22	48	b/	-	-
256	Milton Brandenberger	264	Jan. 4, 1940	409	68	21	66	390	17	45	b/	0.4	258
257	Mrs. Charlie Geistweidt	106	Jan. 2, 1940	-	-	-	-	-	16	98	173	-	-
258	Arthus Geistweidt	60	do.	535	104	20	50	220	15	106	132	-	342
259	Ernest Geistweidt	200	Jan. 8, 1940	348	57	25	46	305	12	58	b/	0.4	245
260	Mrs. A. Bober	160	do.	356	60	46	6	281	12	56	38	-	338
263	Martin Anderegg	93	Jan. 6, 1940	384	73	50	9	439	13	23	b/	-	386
c/265	William Geistweidt	115	Jan. 2, 1940	301	68	26	11	262	24	43	b/	0.3	276
266	W. J. Gesitweidt	290	Jan. 8, 1940	449	75	59	17	458	25	48	b/	-	432
267	Oscar Geistweidt	700	do.	423	47	15	92	171	25	140	20	-	179
268	Eugene Geistweidt	537	do.	399	52	15	77	165	16	136	22	-	193
269	James Brandenberger	171	Apr. 16, 1940	399	52	56	23	354	39	55	b/	-	359
271	John Brandenberger	500	Jan. 4, 1940	301	50	27	27	244	36	41	b/	0.4	237
272	Otto Brennies	500	Jan. 8, 1940	-	-	-	-	-	16	59	b/	-	-
273	Seth Martin	600	Jan. 4, 1940	383	101	22	19	403	14	29	b/	-	344
275	do.	600	do.	412	97	42	6	458	13	29	b/	-	416
278	Warren Kimbriel	90	Dec. 28, 1939	384	75	22	42	329	44	39	b/	-	279
280	Mrs. Eugene Zesch	30	Dec. 30, 1939	329	61	25	34	323	18	32	b/	-	255
281	William Schmidt	300	Dec. 18, 1939	289	43	31	27	268	14	40	b/	-	234
282	do.	125	Dec. 28, 1939	513	138	14	28	311	42	90	48	-	404
283	Amil Wartenbach	440	Jan. 4, 1940	354	58	46	16	366	24	30	b/	0.4	333
287	Frank Simmons	30	Dec. 18, 1939	276	-	-	-	305	a/	12	b/	-	-
c/289	F. A. Grote	43	Dec. 27, 1939	474	61	21	90	323	48	70	24	0.6	238
290	Philip Schmidt	190	Dec. 18, 1939	317	85	11	25	323	16	21	b/	-	257
291	Frank Simmons	Spring	Dec. 16, 1939	342	63	49	2	409	a/	8	b/	-	360
294	M. E. Grote	56	Dec. 27, 1939	724	120	43	69	403	52	77	165	-	476

a/ Sulfate less than 10 parts per million.
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c/ Analyses of selected wells are given in milligrams equivalents per liter on page 48.

Partial analyses of water from wells and springs in Mason County--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- fate (SO ₄)	Chlo- ride (Cl)	Ni- trate (NO ₃)	Fluor- ide (F)	Total hardness as CaCO ₃ (calc.)
296	A. H. Willmann	65	Apr. 17, 1940	637	90	36	94	409	36	98	82	-	372
297	Otto Starks	45	Nov. 10, 1939	619	107	32	78	433	80	71	33	-	400
299	Henry Ritter	45	Jan. 10, 1940	575	93	11	118	427	69	58	36	-	277
301	Tom Cooper	112	Dec. 13, 1939	329	92	21	8	366	12	16	b/	-	318
302	Albert Cooper	57	Apr. 17, 1940	399	77	44	3	323	15	26	75	-	372
c/303	E. M. Bratton	--	do.	345	71	14	32	220	22	36	62	-	234
304	Lee Smart	80	Apr. 18, 1940	320	-	-	-	329	a/	24	b/	-	-
305	Ed Lomburg	24	do.	428	83	42	17	334	12	35	50	-	381
306	L. P. Schmidt	-	Apr. 17, 1940	314	-	-	-	348	a/	13	b/	-	-
307	W. S. Hey	150	Feb. 10, 1940	290	73	28	-	342	a/	13	b/	-	297
308	Irl E. Larrimore	84	Apr. 17, 1940	310	-	-	-	305	11	16	b/	-	-
309	W. E. Jordan	49	do.	653	100	41	58	299	34	76	197	-	420
310	Lillie Wheeler	70	Feb. 10, 1940	324	63	36	15	372	11	16	b/	-	307
312	Mason Grammar School	Spring	do.	299	66	33	5	342	a/	13	b/	-	300
313	do.	40	Apr. 17, 1940	313	64	33	15	372	a/	11	b/	-	295
314	Mason Ice & Storage Co.	65	Apr. 19, 1940	296	48	41	10	329	12	19	b/	-	290
c/315	S. B. Capps	40	Apr. 18, 1940	401	80	45	6	342	20	49	33	0.1	383
316	Mrs. Nora King	36	do.	428	75	50	15	366	a/	57	42	-	391
317	R. W. Hoffman	71	Apr. 17, 1940	443	60	40	49	366	26	40	48	-	315
318	Fay Hey	35	do.	604	83	46	71	415	47	67	86	-	398
c/320	-- Willmann	21	Apr. 18, 1940	547	90	27	71	281	92	98	30	1.0	337
321	William Koock	66	Jan. 12, 1940	-	-	-	-	-	20	68	101	-	-
322	Texas State Highway Dept.	125	Apr. 19, 1940	396	69	24	49	237	51	62	b/	-	270
323	C. A. Barnhart	30	do.	588	113	61	8	324	41	82	94	-	532
324	Lutheran Church	80	do.	541	98	57	27	372	41	81	64	-	455
c/325	Fort Mason Hotel	60	do.	358	76	41	3	378	a/	22	21	0.1	360
326	Mason County	43	Apr. 17, 1940	366	72	45	6	390	13	20	b/	0.1	363
327	Commercial Bank of Mason	360	do.	548	115	52	20	403	37	126	b/	-	502

a/ Sulfate less than 10 parts per million.
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Partial analyses of water from wells and springs in Mason County--Continued

Results are in parts p r 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- fate (SO ₄)	Chlo- ride (Cl)	Ni- trate (NO ₃)	Fluor- ide (F)	Total hardness as CaCO ₃ (calc.)
c/323	Mrs. Regina Reichneau	24	Apr. 18, 1940	659	95	36	92	354	105	98	53	1.3	337
329	New Gooch Cemetery	60	do.	175	25	8	32	122	11	34	b/	-	95
331	V.E. Woodieschessler	30	do.	478	77	22	76	421	36	30	30	-	284
332	Carl Shafer	68	do.	561	117	31	58	488	47	68	-	-	419
333	do.	57	do.	938	224	55	49	439	32	340	22	-	734
334	E. Henrich	56	do.	430	35	22	42	317	39	42	44	-	304
335	R. W. White, Jr.	54	do.	603	125	25	56	329	69	96	75	-	415
336	E. Henrich	114	do.	1,106	204	53	102	421	120	230	139	0.9	728
337	R. L. Tuckness	26	do.	654	106	13	114	354	61	104	82	-	313
c/338	Mrs. Emily Thaxton	335	Apr. 19, 1940	673	86	47	94	384	71	119	66	1.4	409
339	Maxwell & Morrow	57	do.	617	133	36	40	433	34	80	81	-	432
340	W. A. Zesch	39	Apr. 18, 1940	403	82	45	9	403	12	32	25	-	388
341	Mrs. Frankie Peters	35	do.	376	-	-	-	378	a/	34	b/	-	-
342	Harold Schmidt	40	do.	396	-	-	-	378	15	16	30	-	-
343	E. Kelley	46	do.	491	148	18	6	384	12	52	66	-	441
346	F. W. Jenkins	32	Apr. 17, 1940	376	116	11	17	409	12	19	b/	-	337
c/348	W. M. Martin	536	do.	307	69	31	9	354	14	10	b/	0.4	299
349	do.	30	do.	356	102	21	5	366	12	30	b/	-	343
352	Charlie Leifeste	-	Jan. 10, 1940	282	-	-	-	262	10	30	b/	-	-
353	R. O. Green	-	do.	288	34	31	31	171	28	76	b/	1.3	214
354	Harry Behrnes	160	Feb. 8, 1940	513	-	-	-	281	15	164	b/	-	-
355	R. A. Preiss	51	Dec. 6, 1939	307	52	18	40	220	44	45	b/	-	201
356	Dave Polk	26	do.	290	-	-	-	220	30	43	b/	-	-
357	do.	22	Nov. 21, 1939	259	66	20	6	244	16	31	b/	-	247
358	Dave Ferguson	30	do.	412	52	13	85	214	76	81	b/	-	183
359	Guy Green	35	do.	1,195	191	95	42	409	116	100	450	-	369
360	J. W. Ruegner	150	Dec. 6, 1939	315	56	37	16	342	15	23	b/	-	293
361	George Kidd	73	Nov. 21, 1939	479	67	52	22	305	62	24	102	-	332
362	V. F. Lange	32	do.	170	42	10	9	140	13	27	b/	-	146
363	Rip Kirkpatrick	17	Nov. 14, 1939	223	43	9	23	123	32	43	b/	-	156

a/ Sulfate less than 10 parts per million.

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Partial analyses of water from wells and springs in Mason 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.)
364	W. Sherwood	60	Nov. 14, 1939	662	78	17	145	226	84	210	b/	-	266
c/305	A. M. Harkey	45	do.	513	64	9	109	207	68	100	60	1.3	196
c/400	D. J. Tinney	21	Apr. 15, 1940	896	116	18	179	323	120	190	110	3.3	366
401	do.	14	do.	301	46	13	55	220	24	52	b/	3.2	168
402	Amzie Kidd	12	Nov. 21, 1939	157	-	-	-	128	15	20	b/	-	-
403	John Harkey	26	Nov. 14, 1939	377	76	11	33	79	44	94	80	-	237
404	W. P. A. Test	18	Nov. 21, 1939	82	16	4	8	61	12	9	b/	-	58
406	T. E. Harris	87	do.	61	16	2	5	55	a/	4	b/	-	46
410	R. F. Schmidt	548	Nov. 22, 1939	371	38	45	38	287	76	32	b/	0.5	278
411	Ernest Surber	365	do.	353	64	21	40	275	60	33	b/	-	248
412	H. A. Jordan	31	Dec. 2, 1939	450	68	30	54	232	104	80	b/	-	294
413	Mrs. C. Carr	30	do.	639	88	71	32	403	87	47	115	1.4	514
c/414	George Kasper	105	do.	912	136	101	43	488	151	165	76	0.4	757
416	Otto Hoffman	80	Dec. 11, 1939	300	-	-	-	305	16	15	b/	-	-
417	do.	33	do.	337	46	53	11	366	26	21	b/	-	333
418	C. J. Underwood	183	Jan. 8, 1940	1,170	121	74	212	317	137	470	b/	-	606
419	L. D. Starks	102	Dec. 11, 1939	608	63	35	96	244	172	56	66	-	302
420	John Lindsay	183	Dec. 2, 1939	296	49	34	20	299	20	24	b/	1.4	261
421	S. K. Shearer	24	do.	-	-	-	-	-	123	107	58	-	-
c/422	J. J. Hightower	22	do.	552	54	33	91	177	144	94	48	0.9	270
426	Garner Sequest	34	Jan. 17, 1940	424	57	12	78	171	44	96	53	-	193
427	J. W. Doyal	19	Dec. 4, 1939	746	181	28	41	360	44	155	120	-	567
428	Frank Harper	28	Dec. 8, 1939	563	98	13	92	317	95	85	24	-	298
430	Mrs. Lola A. Hoffman	26	Dec. 11, 1939	368	52	56	15	409	15	29	b/	0.2	359
431	Elgin O. Kothman Estate	20	Dec. 13, 1939	323	-	-	-	336	14	18	b/	0.2	-
432	do.	Spring	do.	291	72	20	15	317	12	16	b/	0.2	262
437	Kurt Zesch	200	do.	329	109	8	10	360	12	13	b/	0.2	305
439	do.	118	do.	2,134	224	143	264	427	1,222	71	b/	0.1	1,148
441	Elgin Kothmann												
	Estat.	Spring	Feb. 6, 1940	268	-	-	-	237	10	12	b/	-	-
443	Frank Simmons	160	Dec. 18, 1939	320	-	-	-	366	a/	8	b/	-	-

a/ Sulfate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

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Partial analyses of water from wells and springs in mason 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.)
444	J. L. Myers	295	Dec. 19, 1939	304	62	39	5	372	a/	9	b/	-	314
445	do.	310	Dec. 18, 1939	312	69	38	2	384	a/	8	b/	-	328
446	Pat Rogers	200	Apr. 16, 1940	323	40	47	24	397	a/	12	b/	-	294
447	Fritz Martin Estate	300	Dec. 13, 1939	331	72	39	3	372	lg	16	b/	0.2	339
448	John Rogers	228	Dec. 14, 1939	329	87	27	1	329	36	16	b/	-	327
449	Bill Barton	955	do.	313	64	26	21	317	35	10	b/	0.6	266
450	John Rogers	Spring	Feb. 2, 1940	314	56	37	16	348	20	13	b/	1.0	293
453	Emmett Keller	200	Dec. 29, 1939	383	85	30	23	403	24	23	b/	-	337
455	Seth Martin	Spring	Dec. 10, 1939	371	84	30	19	372	20	35	-	-	334
456	do.	111	Dec. 29, 1939	189	25	22	16	146	17	36	b/	-	154
458	Thad Ziegler	-	Dec. 19, 1939	367	105	21	11	415	12	14	b/	-	348
459	Alvin Zesch	-	do.	379	-	-	-	403	17	16	b/	-	-
460	Thad Ziegler	160	do.	362	-	-	-	342	28	27	b/	-	-
461	do.	-	do.	346	-	-	-	317	34	24	b/	-	-
462	C.B.Brandenburger	350	Dec. 21, 1939	292	-	-	-	281	15	26	b/	-	-
464	do.	12	Jan. 29, 1940	462	131	15	26	433	47	29	b/	-	389
468	L. F. Schenk	524	Apr. 16, 1940	833	123	74	89	476	73	240	b/	0.2	611
470	A. Geistweidt	380	do.	857	88	99	95	464	106	240	b/	1.1	626
471	W. S. Hey	339	do.	811	74	98	88	354	126	250	b/	0.9	585
472	Ben Eckert	Spring	Dec. 3, 1939	-	-	-	-	-	-	-	-	-	-
473	do.	-	Dec. 18, 1939	301	46	46	8	342	18	15	b/	-	303
474	J.W.White Estate	375	Dec. 14, 1939	337	74	39	5	397	13	11	b/	-	344
475	Melvin Capps	530	do.	391	68	26	42	305	88	16	b/	1.0	276
476	do.	Spring	Feb. 2, 1940	309	58	46	-	390	a/	6	b/	-	333
477	R. W. Hoffman	442	Dec. 12, 1939	395	62	10	65	146	38	96	b/	-	196
478	Vedder & Allen	-	do.	420	-	-	-	488	a/	8	b/	-	-
c/480	Herman Loeffler	93	Dec. 1, 1939	350	93	25	3	329	a/	24	b/	0.2	-
482	Arch Carter	23	Dec. 12, 1939	380	95	24	21	390	20	28	b/	-	335
484	Cecil Boqusch	63	Dec. 1, 1939	328	55	18	46	238	20	60	b/	0.3	211
485	Joe Blount	73	Dec. 7, 1939	890	150	47	122	159	202	290	b/	1.0	437
486	J. N. Cavness	43	Dec. 4, 1939	-	-	-	-	-	28	140	144	-	-
488	Russell Rhem	33	do.	137	12	7	29	85	18	15	b/	1.0	59
489	Howard Smith	120	Dec. 1, 1939	416	74	19	53	305	36	60	b/	0.4	262
490	W. R. Carter	120	do.	310	79	23	10	336	13	20	b/	-	294

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

c/ Analyses of selected wells are given in milligrams equivalents per liter on page 48.

Partial analyses of water from wells and springs in Mason 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.)
493	Carl Runge	97	Jan. 8, 1940	350	62	29	32	305	42	35	b/	-	273
495	E. H. Boqusch	118	do.	421	62	10	75	146	42	112	48	-	196
c/498	Mrs. Farris Wooten	190	Jan. 17, 1940	268	64	13	18	281	a/	22	-	0.3	231
499	Mrs. J. M. Parker	70	Dec. 1, 1939	234	62	9	17	201	12	35	b/	-	191
501	Mrs. W. W. Wooten	360	Nov. 29, 1939	353	74	38	8	348	26	35	b/	-	344
503	Harry Kensing	250	do.	565	98	53	33	397	112	54	b/	0.5	463
504	I. M. Beam	149	do.	557	92	65	29	512	32	66	21	-	500
505	G. A. Schultz	170	Nov. 28, 1939	486	46	64	45	317	76	97	b/	-	380
506	Mrs. J. C. Lemburg	250	Nov. 27, 1939	284	64	13	23	207	64	18	b/	0.3	213
507	Mrs. C. D. Starks	165	do.	387	59	52	13	390	32	34	b/	-	362
508	Mrs. G. L. Vandever	360	do.	-	-	-	-	-	184	96	21	-	-
509	Carl Schmidt	139	Nov. 23, 1939	444	116	18	33	439	28	29	b/	-	361
c/510	Mrs. Meta Eckert	509	Nov. 27, 1939	272	66	18	14	256	30	18	b/	0.2	236
511	Henry Schmidt	315	Nov. 22, 1939	443	88	47	15	439	40	25	b/	-	414
512	Carl Schmidt	790	Nov. 28, 1939	346	82	20	24	336	26	24	b/	0.3	288
c/513	Kurt Martin	190	Jan. 4, 1940	799	53	18	186	122	150	139	192	0.8	206
514	Max Martin & Son	157	Nov. 28, 1939	339	76	41	3	421	a/	12	b/	-	360
515	Kurt Martin	300	do.	194	30	5	38	146	15	18	b/	1.0	93
516	Charles Grote	365	do.	386	73	35	29	409	32	16	b/	0.4	327
517	Alf Reeves	250	Nov. 29, 1939	626	88	39	89	281	112	160	b/	-	379
518	Ben Brandenburger	235	do.	657	102	69	38	427	72	104	62	-	538
c/519	I. A. Beam Estate	28	Dec. 4, 1939	790	128	63	39	244	316	57	66	0.6	579
520	S. M. Allen	10	do.	140	43	8	-	159	a/	1	b/	0.2	140
521	Lewis Hahn	325	do.	480	72	62	12	311	119	51	b/	0.6	433
522	Carl McCollum	204	do.	1,271	227	41	159	354	170	350	150	-	735
523	Mrs. N. J. Johnson	90	Dec. 6, 1939	540	115	51	18	342	28	160	b/	-	496
525	Ben Plunneke	120	Dec. 4, 1939	523	90	56	18	305	141	68	b/	-	454
526	do.	170	do.	-	-	-	-	-	14	64	103	-	-
527	do.	Spring	Dec. 7, 1939	-	-	-	-	-	15	28	b/	-	-
528	C. D. McMillan	162	do.	391	48	37	43	262	24	62	43	-	273

a/ Sulfate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

c/ Analyses of selected wells are given in milligrams equivalent per liter on page 48.

Partial analyses of water from wells and springs in Mason County--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- fate (SO ₄)	Chlo- ride (Cl)	Ni- trate (NO ₃)	Fluor- ide (F)	Total hardness as CaCO ₃ (calc.)
529	L. B. Eckert	333	Dec. 7, 1939	403	78	45	19	445	a/	30	b/	-	378
530	Wesley L. Eckert	75	Dec. 6, 1939	371	70	47	10	415	10	25	b/	-	369
531	Harry Spade	300	do.	-	-	-	-	-	-	-	-	-	-
534	Marvin Hoerster	500	Feb. 7, 1940	330	72	21	25	268	28	52	-	-	268
535	E. M. Jordan	Spring	do.	320	-	-	-	354	a/	14	b/	-	-

a/ Sulfate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

c/ Analyses of selected wells are given in milligrams equivalents per liter on page 48.

Chemical analyses--Continued

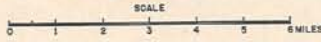
Results are in milligrams equivalents per liter

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.)
10	Bob Webster	29	Nov. 3, 1939	3.12	5.28	2.34	2.39	9.60	0.02	0.85	0.04	-	20.94
22	John Tuckness	40	Oct. 25, 1939	3.13	2.04	1.14	3.91	4.00	0.72	1.81	0.08	0.48	14.18
32	Joe Kothmann	11	Nov. 2, 1939	8.98	5.78	3.20	9.48	5.20	5.92	6.77	0.08	0.48	36.92
36	Ned Kothmann	76	do.	19.48	17.54	1.84	17.28	6.00	9.95	18.33	0.05	2.42	73.52
42	Lee Leifeste	99	Jan. 15, 1940	9.52	5.34	4.18	6.38	3.90	2.71	8.88	0.05	0.35	31.80
51	Ben P. Kidd	41	Jan. 30, 1940	5.62	4.13	1.44	0.76	4.30	0.42	0.96	0.02	0.68	12.76
76	John Eckert	42	Nov. 11, 1939	6.52	3.78	2.74	9.45	10.00	4.24	1.44	0.13	0.16	31.94
87	Dan Gatt	36	Nov. 6, 1939	17.88	10.64	7.24	20.10	10.60	7.82	12.69	0.10	6.77	75.96
93	H. D. Baxter	175	Nov. 13, 1939	13.32	9.82	3.50	11.00	8.20	1.93	14.10	0.02	0.08	48.64
118	John Schiller	10	Nov. 1, 1939	1.92	1.08	0.84	1.41	2.70	0.12	0.42	0.09	-	6.66
207	R. S. Burney	33	Nov. 14, 1939	2.86	1.82	1.04	2.40	4.20	0.33	0.25	0.17	0.31	10.52
210	Sam Sherwood	55	Oct. 27, 1939	3.26	2.22	1.04	1.92	3.40	0.37	0.96	0.39	0.06	10.36
236	August Willman	80	Nov. 10, 1939	4.20	2.86	1.34	2.97	5.30	0.42	0.59	0.12	0.74	14.34
239	Edwin Donop	40	Jan. 11, 1940	11.13	7.26	3.92	3.77	6.20	2.33	6.06	0.04	0.26	29.90
265	William Geistweidt	115	Jan. 2, 1940	5.52	3.42	2.10	0.49	4.30	0.50	1.21	0.01	-	12.02
289	F. A. Grote	43	Dec. 27, 1939	4.76	3.06	1.70	3.92	5.30	0.99	1.97	0.03	0.39	17.36
303	E. M. Bratton	-	Apr. 17, 1940	4.68	3.54	1.14	1.39	3.60	0.45	1.02	-	1.00	12.14
315	S. B. Capps	40	Apr. 18, 1940	7.66	3.93	3.68	0.27	5.60	0.42	1.38	0.005	0.53	15.86
320	-- Willmann	21	do.	6.74	4.50	2.24	3.07	4.60	1.92	2.76	0.05	0.43	19.62
325	Fort Mason Hotel	60	Apr. 19, 1940	7.20	3.82	3.38	0.15	6.20	0.19	0.62	0.01	0.34	17.70
328	Mrs. Regina Reichman	24	Apr. 13, 1940	7.74	4.75	2.98	4.02	5.80	2.18	2.76	0.07	0.94	23.52
333	Mrs. Emily Thaxton	335	Apr. 13, 1940	8.13	4.30	3.88	4.03	6.30	1.47	3.36	0.07	1.06	24.52
343	W. M. Martin	536	Apr. 17, 1940	5.93	3.44	2.54	0.39	5.30	0.29	0.28	0.02	-	12.74
365	A. M. Harkey	45	Nov. 15, 1939	3.92	3.13	0.74	4.75	3.40	1.41	2.32	0.07	0.97	17.34
400	D. J. Tinney	21	Apr. 15, 1940	7.32	5.80	1.52	7.77	5.30	2.47	5.36	0.17	1.77	29.84
414	George Kasper	105	Dec. 2, 1939	15.14	6.32	8.32	1.89	8.00	3.14	4.65	0.02	1.24	34.06
422	J. J. Hightower	22	do.	5.40	2.72	2.68	3.97	2.90	2.99	2.55	0.77	0.05	18.74
480	Herman Loeffler	93	Dec. 1, 1939	6.70	4.66	2.04	0.14	5.40	0.19	0.68	0.015	0.55	13.68
498	Mrs. Farris Wooten	190	Jan. 17, 1940	4.62	3.13	1.44	0.77	4.60	0.17	0.62	0.015	-	10.78
510	Mrs. Meta Eckert	509	Nov. 27, 1939	4.72	3.28	1.44	0.61	4.20	0.62	0.51	0.01	-	10.66
512	Kurt Martin	190	Jan. 4, 1940	4.12	2.64	1.48	3.07	2.00	3.13	3.92	0.04	3.10	24.38
519	I. A. Beam Estate	230	Dec. 4, 1939	11.58	6.40	5.18	1.71	4.00	6.59	1.61	0.03	1.06	26.58

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MAP OF MASON COUNTY, TEXAS SHOWING WATER WELLS LISTED

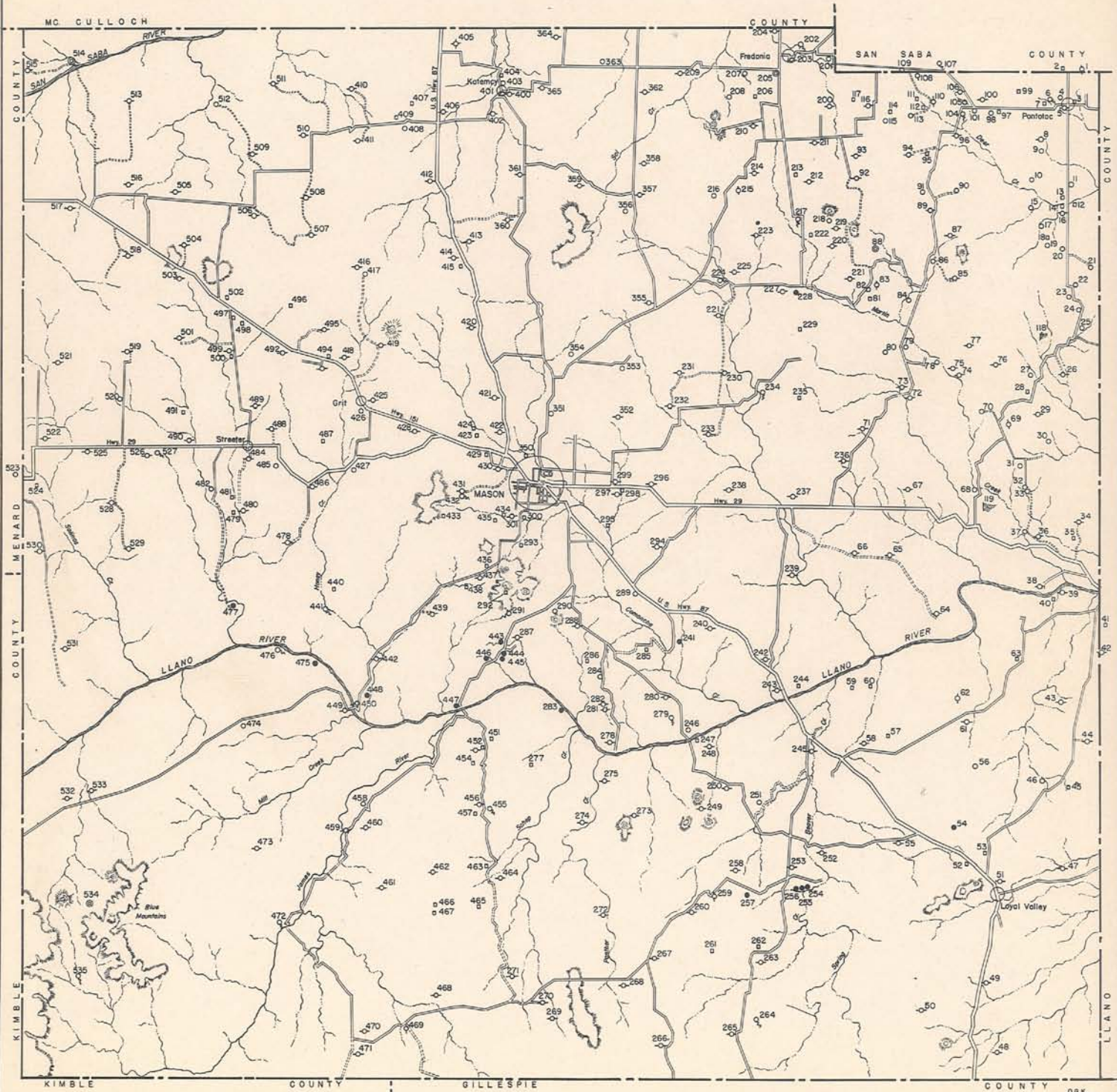
- EXPLANATION —
- WELL WITH HAND PUMP, BUCKET OR BAILER
 - ◇ WELL WITH WINDMILL OR SMALL POWER PUMP
 - ⊙ WELL WITH PUMPING PLANT— 5 HORSE POWER OR LARGER
 - ✦ WELL DRILLED TO TEST FOR OIL OR GAS
 - ◇ UNUSED WELL
 - FLOWING WELL
 - ◻ TEST WELL DRILLED BY W.P.A. LABOR
 - SPRING



FIELD WORK BY
W.M. LYLE
PROJECT SUPERINTENDENT
W.P.A. PROJECT 13875

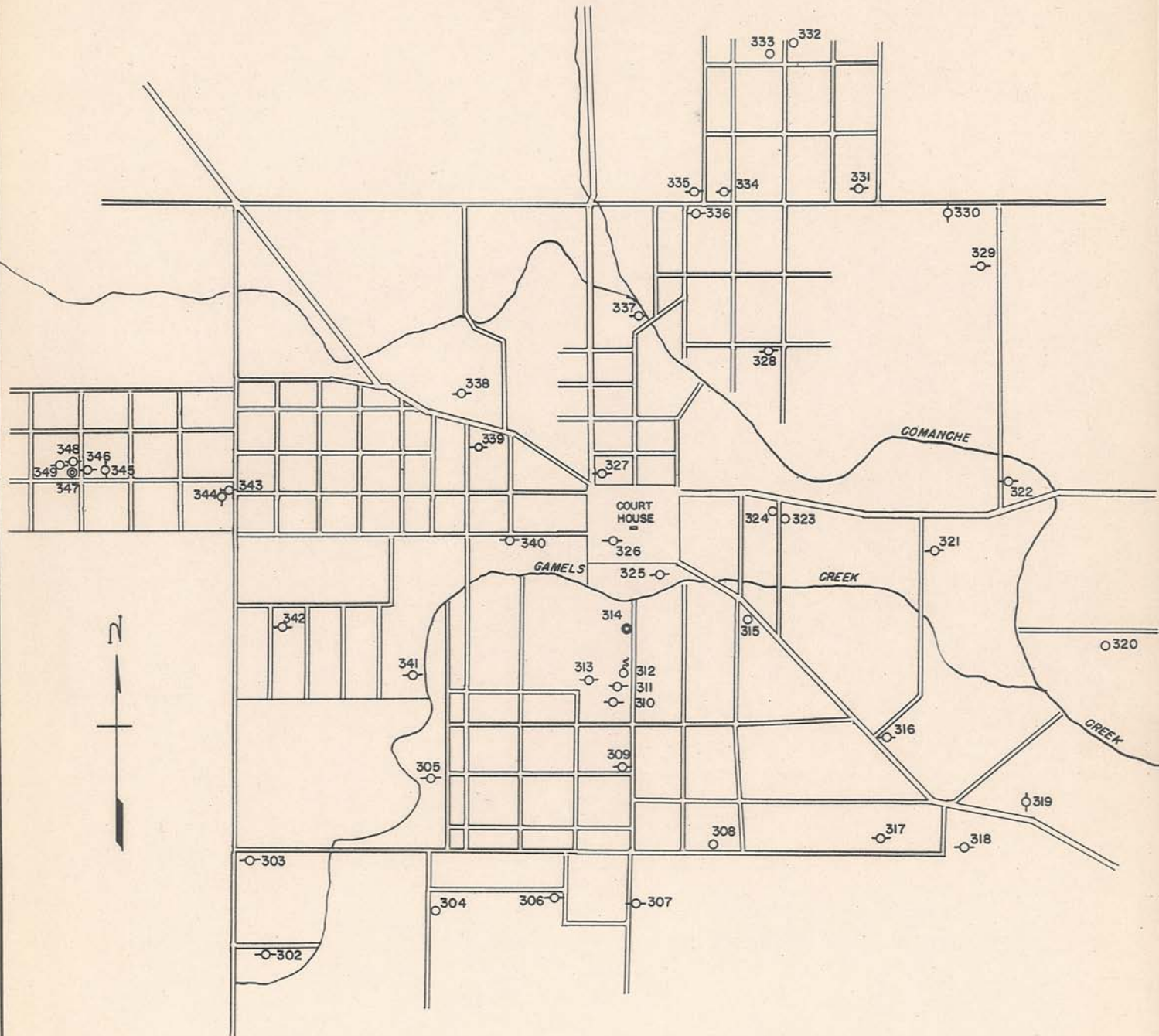
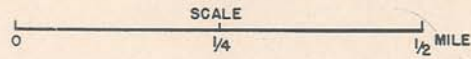
TEXAS BOARD OF WATER ENGINEERS
ASSISTED BY
U.S. GEOLOGICAL SURVEY

BASE COMPILED FROM
STATE HIGHWAY PLANNING SURVEY
COUNTY ROAD MAP



MAP OF MASON, TEXAS.

PLATE 2.



FOR EXPLANATION SEE PLATE 1.