

**TEXAS BOARD OF WATER ENGINEERS**

C. S. Clark, Chairman  
J. W. Pritchett, Member



**TERRY COUNTY, TEXAS**

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

NOVEMBER 1944

TERRY COUNTY, TEXAS

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

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November 1944

# TERRY COUNTY, TEXAS

By

G. H. Cromack

## Introduction

This publication contains records of 195 wells and one spring, drillers' logs of 22 wells, and results of chemical analyses of water from 134 wells and one spring in Terry County, Texas. It also includes a map, showing the locations of the wells and spring, each one being given a number on the map corresponding to the number assigned to it in the records.

The field data were obtained by G. H. Cromack in June 1944 in connection with a state-wide program of ground-water investigations in Texas conducted by the State Board of Water Engineers in cooperation with the United States Department of the Interior, Geological Survey.

The water analyses were made by W. W. Hastings and J. H. Rowley, chemists of the Quality of Water Division of the Federal Geological Survey. The results of the analyses, which relate only to the mineral constituents in the water, and not to its sanitary character, are tabulated in parts per million.

The publication should serve as a guide to land owners, officials of industrial plants, well drillers, and others who need ground water information for different parts of Terry County. A limited number of copies are available for free distribution. They may be obtained by addressing a request to Mr. C. S. Clark, Chairman, Texas State Board of Water Engineers, 302 West 15th Street, Austin, Texas.

Records of wells and springs in Terry County, Texas

Well	Distance from Wellman	Section and block	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)
1	7 miles southwest	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 74 blk. DD	Mrs. Tillie Black	--	Old	130	6
2	4 $\frac{3}{4}$ miles southwest	NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 47 blk. DD	J. T. Cox	--	Old	120	4
3	3 miles southwest	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 59 blk. DD	Chas. Beard	--	1922	134	6
4	In Wellman	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 17 blk. DD	Wellman Public School	--	1921	152	6
5	3 $\frac{3}{4}$ miles northeast	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 142 blk. D-11	Santa Fe Land Co.	--	Old	126	6
6	4 miles northeast	SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 158 blk. D-11	Unknown	--	--	155	6
Distance from Brownfield							
7	5 miles southwest	SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 150 blk. T	Lee Hulse	R. B. Perry	Old	98	6
7a	5 $\frac{1}{2}$ miles southwest	NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 143 blk. T	do.	--	Old	107	6
8	5 $\frac{1}{2}$ miles southwest	SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 150 blk. T	R. H. Griffith	R. B. Perry	1936	125	6
9	1 $\frac{1}{4}$ miles southwest	NE cor. NE $\frac{1}{4}$ sec. 127 blk. T	-- Jenkins	--	Old	110	6
10	$\frac{1}{2}$ mile southwest	NW cor. NW $\frac{1}{4}$ sec. 114 blk. P	C. J. Aven	--	--	120	6
11	3 $\frac{3}{4}$ miles northwest	NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 132 blk. T	Bill Perce	--	1942	156	6
12	1 $\frac{1}{2}$ miles north	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 112 blk. T	D. W. Watkins	R. B. Perry	Old	106	6
13	do.	do.	J. F. Cook	--	1917	105	6
14	4 $\frac{3}{4}$ miles northeast	SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 82 blk. T	J. S. Smith	--	1926	102	3
Distance from Meadow							
15	5 miles southwest	SW cor. NW $\frac{1}{4}$ sec. 63 blk. 4X	Unknown	--	Old	120	6
16	5 $\frac{1}{2}$ miles southwest	SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 64 blk. 4X	Challis School	--	1929	114	6
17	2 $\frac{1}{2}$ miles southwest	NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 22 blk. 4X	Katherine Kennedy	--	1925	74	6
17a	3 miles southwest	SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 25 blk. 4X	Unknown	--	--	90	6
18	In Meadow	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 26 blk. 4X	Mrs. J. C. Bearers	--	Old	97	6
19	$\frac{1}{2}$ mile northeast	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 26 blk. 4X	P.S.F. R.R. Co.	--	Old	98	6
20	1 $\frac{1}{2}$ miles northeast	SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12 blk. E	Eugene Nettles	--	1926	84	6

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

b/ Pump or lift: T, turbine; Cf, centrifugal; C, cylinder.

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

All wells are drilled unless otherwise noted in the remarks column

Well	Height of measuring point above ground (ft.)	WATER LEVEL		Method of lift b/	Use of water c/	Remarks
		Belcw measuring point a/	Date of measurement			
1	1.0	123.20	June 25, 1937	C,W	D,S	
2	0.5	106.08	do.	None	N	
3	1.2	127.58	do.	C,W	N	
4	0.0	137.25	June 24, 1937	C,W	F	
5	0.3	118.64	Apr. 27, 1938	None	N	
6	0.8	133.60	June 24, 1937	C,W	D,S	
7	0.4	89.24	June 24, 1937	None	N	
7a	0.5	90.10	Feb. 25, 1944	None	N	
8	1.4	99.02	June 24, 1937	B,H	D	Formerly used by Highway Department for road construction.
9	1.5	91.06	Apr. 27, 1938	C,H	D,S	
10	1.0	98.57	June 24, 1937	C,W	--	Located 0.6 mile south of large draw.
11	1.0	103.37	June 13, 1944	C,W	D,S	
12	0.3	85.78	June 24, 1937	None	N	
13	0.4	86.18	do.	None	N	
14	0.5	87.73	June 23, 1937	C,W	S	Located 0.2 mile south of large draw.
15	1.0	92.68	July 19, 1937	C,W	S	Located 0.3 mile southeast of lake.
16	0.8	96.19	June 23, 1937	C,W	F	Located 0.15 mile northwest of lake.
17	0.3	63.77	June 24, 1937	C,W	D,S	
17a	0.4	60.84	May 18, 1938	None	N	
18	0.3	77.57	June 24, 1937	None	N	
19	2.0	69.52	June 23, 1937	C,W	S	
20	0.7	70.50	June 24, 1937	C,W	D,S	

c/ F, public supply; Ind, industrial; Irr, irrigation; D, domestic; S, stock; N, not used.

d/ Water level reported by driller or owner.

Records of wells and springs in Terry County--Continued

Well	Distance from Meadow	Section and block	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)
21	1 $\frac{1}{4}$ miles northeast	SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12 blk. E	W. G. Curtis	--	Old	90	6
21a	$\frac{3}{4}$ mile north	NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 18 blk. 4X	-- Crump	--	Old	88	6
Distance from Johnson							
22	7 $\frac{1}{2}$ miles northwest	Near center sec. 18 blk. K	Geo. R. Alexander	R. C. Harris	1912	357	4
23	5 $\frac{1}{2}$ miles northeast	NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 49 blk. D-11	Amos Louallen	--	--	164	6
24	6 miles north-east	NW cor. sec. 26 blk. D-14	J. J. Little, Sr.	Sam Long	1942	412	4
25	4 miles northeast	NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 30 blk. D-14	Buddy Little	--	1940	380	6
26	4 miles west	SE cor. sec. 32 blk. D-14	W. F. Smith	--	1927	162	6
27	7 miles west	SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27 blk. K	Sam Murphy	Faul Pierson	1943	166	6
28	6 $\frac{1}{2}$ miles west	SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 79 blk. K	Mrs. J. D. McCullough	--	1950	150	6
29	2 $\frac{1}{2}$ miles southwest	SE cor. sec. 78 blk. J-11	Johnson Est.	--	Old	184	6
30	5 miles southwest	SE cor. sec. 41 blk. D-14	B. S. Harrison	R. B. Perry	1939	150	6
31	7 miles southwest	NW cor. sec. 38 blk. K	D. E. Green	--	1930	120	5
32	8 $\frac{1}{2}$ miles southwest	NE cor. sec. #2 blk. K	B. H. Wade	--	1916	125	6
33	6 $\frac{1}{2}$ miles southwest	NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 49 blk. D-14	Charley Gaster	R. B. Perry	1939	120	6
34	5 miles south	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 117 blk. D-11	Schofield Bros.	do.	1939	148	6
35	2 $\frac{1}{2}$ miles southwest	NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 94 blk. D-11	A. C. Harvey	--	1924	145	6
36	do.	SW cor. NW $\frac{1}{4}$ sec. 8 blk. D-11	H. M. Gargill	--	Old	140	6
37	In Johnson	SE cor. sec. 75 blk. D-11	Lee Fulton	--	1941	154	6
38	2 $\frac{1}{4}$ miles northeast	SW cor. sec. 69 blk. D-11	R. I. North	--	Old	143	6
39	2 $\frac{3}{4}$ miles northwest	SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 52 blk. D-11	Odell Fulton	--	--	175	6
40	1 $\frac{1}{2}$ miles northeast	NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 57 blk. D-11	Eddie Mitchell	--	--	124	6
41	4 miles northeast	NE cor. sec. 53 blk. D-11	W. E. Pool	--	Old	173	6
42	6 miles northeast	SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 42 blk. D-11	O. T. Britten	--	Old	140	6

Well	Height of measuring point above ground (ft.)	WATER LEVEL		Method of lift	Use of water	Remarks
		Below measuring point (ft.) a/	Date of measurement			
21	1.7	67.91	July 19, 1937	C,W	D	
21a	1.8	69.72	Aug. 14, 1939	None	N	
22	--	d/125	June 28, 1944	C,W	D,S	Casing: 4-inch from 80 to 357 feet with bottom joint perforated. Fine white sand reported from 350
23	--	d/155	June 27, 1944	C,W	D,S	to 357 feet.
24	1.8	123.56	do.	C,W	D,S	Casing: 362 feet of 4-inch. Water reported in sand from 332
25	--	--	--	C,G, 1 $\frac{1}{2}$	D,S	to 412 feet.
26	1.0	140.28	June 28, 1944	C,W	D,S	
27	--	--	--	None	N	Yield reported 300 gallons a minute when used to furnish water for drilling oil test. See log.
28	--	d/ 80	June 28, 1944	C,W	D,S	
29	--	d/145	do.	C,W	D,S	
30	--	d/100	do.	C,W	D,S	
31	0.7	90.57	June 20, 1944	C,W	D,S	Casing: 100 feet of 5-inch.
32	--	--	--	C,W	D,S	
33	--	--	--	C,W	D,S	
34	--	--	--	C,W	D,S	Screen: 20 feet of slotted 6-inch at bottom.
35	--	d/140	June 28, 1944	C,W	D,S	
36	--	d/120	do.	C,W	D,S	
37	--	d/114	June 27, 1944	C,E, 3	D,S, Int	Screen: 20 feet of perforated 6-inch at bottom. Supplies gin.
38	1.0	139.28	do.	C,W	D,S	
39	--	--	--	C,W	D,S	
40	1.2	113.22	June 27, 1944	C,W	D,S	
41	0.3	153.96	June 21, 1944	C,W	D,S	
42	--	d/136	June 27, 1944	C,W	D,S	

Records of wells and springs in Terry County--Continued

Well	Distance from Johnson	Section and block	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)
43	6 miles north	SE cor. sec. 32 blk. D-11	Thurman Solsbury	R. B. Ferry	1940	156	6
44	9 miles north	NW $\frac{1}{4}$ sec. 17 blk. D-11	Mrs. H. L. Young	--	1925	156	8
45	9 miles northeast	SE $\frac{1}{4}$ sec. 35 blk. E	W. D. Eskew	--	1935	115	6
Distance from Meadow							
46	8 $\frac{1}{2}$ miles west	SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 11 blk. D-8	Mrs. A. J. Akers	Hershel Brooks	1929	130	6
47	6 $\frac{1}{2}$ miles west	SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 46 blk. 4X	A. J. Bell	do.	1934	143	6
48	5 $\frac{1}{2}$ miles southwest	NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 41 blk. 4X	J. C. Crownover	--	1926	137	6
49	4 $\frac{1}{2}$ miles southwest	SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 33 blk. 4X	A. D. Wenzel	--	--	140	10
50	2 $\frac{1}{2}$ miles southwest	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 23 blk. 4X	S. H. Smith	--	1939	136	16
51	In Meadow	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 26 blk. 4X	City of Meadow	L. A. Feebles	1936	140	12 $\frac{1}{2}$
52	3 $\frac{1}{2}$ miles west	SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 36 blk. 4X	Lee Walker	Brooky Martin	1921	115	6
53	6 $\frac{1}{2}$ miles northwest	NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 50 blk. 4X	G. S. Weber	--	--	146	15
54	5 miles northwest	SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8 blk. E	E. E. Ellis	--	1936	125	6
55	3 miles northwest	NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 7 blk. E	B. F. Finley	E. W. Hemme	1944	116	4
56	1 $\frac{1}{2}$ miles northeast	NW cor. sec. 15 NE $\frac{1}{4}$ blk. 4X	Pearce Warren	do.	1941	159	14
57	4 miles northeast	SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 15 blk. E	V. G. Decker	do.	1936	152	16
58	5 $\frac{1}{2}$ miles northeast	Gen. W $\frac{1}{2}$ sec. 3 blk. CO	James Adams	Geo. Anderson	1943	140	14
59	5 miles northeast	Near cen. W $\frac{1}{2}$ sec. 4 blk. CO	do.	do.	1943	140	12 $\frac{1}{2}$
60	6 $\frac{1}{2}$ miles northeast	Gen. E $\frac{1}{2}$ sec. 3 blk. CO	V. S. Reynolds	do.	1943	158	12 $\frac{1}{2}$



Well	Height of measuring point below ground (ft.)	WATER LEVEL		Method of lift	Use of water	Remarks
		Below measuring point (ft.) a/	Date of measurement			
43	0.8	147.78	June 27, 1944	C,W	D,S	
44	--	d/135	do.	C,W	D,S	
45	--	--	--	C,W	D,S	
46	--	d/125	June 27, 1944	C,W	D,S	
47	--	d/131	1934	C,W	D,S	
48	0.8	110.41	June 17, 1944	C,W	D,S	
49	--	--	--	None	N	Yield 100 gallons a minute in test. Considered by owner insufficient for irrigation. Caved and
50	1.2	89.51	July 17, 1940	None	N	Yield 125 gallons a minute in test. Considered by owner insufficient for irrigation. Abandoned in October 1940.
51	2.0	75.05	May 26, 1938	T,E, 7 <sub>8</sub>	P	Casings perforated from 96 to 102 and 122 to 140 feet. Drawdown reported 45 feet after pumping 105 gallons a minute for 24 hours.
52	--	d/ 97	June 17, 1944	C,W	D,S	See log.
53	0	124.68	June 13, 1944	C,W	D,S	
54	--	d/ 95	1936	C,W	D,S	
55	--	d/ 77	1944	C,W	D,S	Sand reported from 85 to 116 feet.
56	--	d/ 70	1941	T,G, --	Irr	Casing: 70 feet of 14-inch; screen from 70 to 148 feet. Yield reported 300 gallons a minute.
57	1.5	85.21	May 19, 1939	T,G, --	Irr	Casing: 62 feet of 16-inch; screen from 62 to 142 feet. Estimated yield 400 gallons a minute.
58	--	d/ 80	1943	None	N	Yield reported 300 gallons a minute. Considered by owner insufficient for irrigation. Sand reported from 25 to 130 feet. Flugged and abandoned.
59	--	--	--	None	N	Yield reported 300 gallons a minute. Considered by owner insufficient for irrigation. Flugged and abandoned. See log.
60	--	d/ 77	1943	T,G, 95	Irr	Casing: 83 feet of 12 $\frac{1}{2}$ -inch; perforated casing from 75 to 158 feet. Estimated yield 800 gallons a minute. See log.

Records of wells and springs in Terry County--Continued

Well	Distance from Meadow	Section and block	Owner	Driller	Date	Depth c.m. of well (ft.)	Diameter of well (in.)
61	6 $\frac{1}{2}$ miles northeast	NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 1 blk. CB	S. L. Larby	Geo. Anderson	1943	155	--
62	7 miles east	SW cor. SW $\frac{1}{4}$ sec. 5 blk. CB	C. F. Obar	--	1936	131	12
63	6 $\frac{1}{2}$ miles east	NE cor. NE $\frac{1}{4}$ sec. 5 $\frac{1}{2}$ blk. 4X	Amicable Life Insurance Co.	--	1925	86	6
64	4 $\frac{1}{2}$ miles east	SW cor. sec. 57 blk. 4X	D. E. Reynolds	--	Old	93	6
65	4 $\frac{1}{2}$ miles southeast	NE cor. NE $\frac{1}{4}$ sec. 60 blk. 4X	-- Chambers	--	--	91	6
66	4 $\frac{1}{2}$ miles southeast	NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 60 blk. 4X	E. E. Green	--	1934	108	6
67	2 $\frac{1}{2}$ miles southeast	NE cor. NE $\frac{1}{4}$ sec. 54 blk. 4X	I. V. Pendergrass	--	1925	102	6
68	3 $\frac{1}{2}$ miles southeast	NW-NE $\frac{1}{4}$ sec. 57 blk. 4X	A. W. Jackson	C. W. Jay	1933	82	6
69	3 $\frac{1}{2}$ miles south	Near cor. NE $\frac{1}{4}$ sec. 72 blk. 4X	C. Beard	--	--	Spring	--
70	4 $\frac{1}{2}$ miles southeast	NW $\frac{1}{4}$ E $\frac{1}{4}$ sec. 86 blk. 4X	C. O. V. Wood	Tom Nordyke	1938	343	6
71	4 $\frac{1}{2}$ miles south	Cor. NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 62 blk. 4X	R. Morehead	--	--	81	6
72	6 miles south	SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 70 blk. 4X	Richard Carruth	--	Old	75	6
73	5 $\frac{1}{2}$ miles south	NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 85 blk. 4X	-- McDonald	--	--	80	6
74	5 miles south	SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 86 blk. 4X	C. O. V. Wood	--	--	--	--
75	5 $\frac{1}{2}$ miles southeast	NE $\frac{1}{4}$ N $\frac{1}{2}$ sec. 88 blk. 4X	J. H. Daniels	--	--	85	6
76	ic.	SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 83 blk. 4X	A. Jackson	--	--	86	5
77	6 miles southeast	SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 84 blk. 4X	S. H. Gossett	Carl Allen	1938	130	5
78	7 $\frac{1}{2}$ miles southeast	SW cor. NW $\frac{1}{4}$ sec. 4 blk. I	-- Weir	--	--	109	6
79	7 miles southeast	SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 29 blk. I	Charley Barrett	--	--	78	6

Distance from Brownfield

80	5 $\frac{1}{2}$ miles northeast	NW $\frac{1}{4}$ N $\frac{1}{2}$ sec. 57 blk. I	A. Z. Couch	E. W. Henne	1941	105	6
81	7 miles northeast	NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 27 blk. I	W. F. Forbes	--	1903	70	6
82	5 miles northeast	CE cor. sec. 58 blk. I	A. T. Fowler	--	Old	76	6
83	3 $\frac{1}{2}$ miles northeast	SE cor. sec. 84 blk. I	Mrs. Chock Hamilton	--	1920	90	6
84	3 miles north	SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 109 blk. I	Mrs. P. J. Nettles	--	1925	116	6
85	6 miles north	NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 65 blk. 4X	Abbie Fisher	B. L. McPherson	1923	120	6

Well	Height of measuring point above ground (ft.)	WATER LEVEL		Method of lift	Use of water	Remarks
		Below measuring point (ft.)	Date of measurement			
61	--	d/ 82	Nov. 2, 1943	None	N	Insufficient supply for irrigation. See log.
62	1.0	65.21	June 22, 1944	T, G, 85	Irr	Casing: 71 feet of 12-inch; perforated casing from 71 to 131 feet. Estimated yield, 1,000 gallons a
63	0.5	77.10	June 6, 1938	C, W	D, S	Located 0.1 mile east of <u>minute.</u> small sink.
64	1.0	83.89	June 22, 1944	C, W	N	
65	0	86.54	May 13, 1938	C, W	D, S	
66	--	d/ 75	1938	C, W	D, S	
67	--	d/ 80	1938	C, W	D, S	
68	--	d/ 60	1938	C, W	D, S	See log.
69	--	+	May 18, 1938	Flows	S	Estimated flow 10 gallons a minute. Located at north end of
70	1.0	160.50	do.	C, W	--	Casing: 142 feet <u>Rich Lake.</u> of 6-inch. See log.
71	1.3	67.55	May 20, 1938	C, W	D, S	
72	0.4	61	May 18, 1938	C, W	D, S	
73	--	d/ 60	do.	C, W	S	
74	--	--	--	--	--	Location of point where sample of water from Rich Lake was obtained.
75	--	d/ 60	May 20, 1938	C, W	S	
76	0.3	76.52	May 19, 1938	C, W	D, S	
77	--	d/ 33	1938	C, W	D, S	Casing: 130 feet of 5-inch perforated at water sand. See log.
78	0.5	107.20	May 18, 1938	C, -	N	
79	--	d/ 60	1938	C, W	S	
80	--	--	--	C, W	D, S	
81	--	d/ 50	1944	C, W	D, S	
82	--	--	--	C, W	D, S	
83	--	--	--	C, W	D, S	
84	2.5	95.36	June 17, 1944	C, W	D, S	
85	--	--	--	C, W	D, S	

Records of wells and springs in Terry County -- Continued

Well	Distance from Brownfield	Section and block	Owner	Driller	Date	Depth of well (ft.)	Diameter of well (in.)
86	7 $\frac{1}{2}$ miles northwest	NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 4 blk. D-9	L. M. Lang	--	Old	159	6
87	9 miles northwest	NE NW $\frac{1}{4}$ sec. 7 blk. D-8	Henry V. Mallen	--	Old	132	6
88	7 $\frac{1}{2}$ miles northwest	SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 80 blk. 4Y	R. W. Carter	--	1941	113	6
89	6 $\frac{1}{2}$ miles northwest	SW cor. sec. 82 blk. 4Y	Wade Est.	--	1935	112	6
90	6 miles northwest	SW SW $\frac{1}{4}$ sec. 8 blk. D-12	Will Brigance	--	--	132	6
91	3 $\frac{1}{2}$ miles northwest	SE SW $\frac{1}{4}$ sec. 157 blk. T	Carl Golden	--	1931	97	6
92	3 miles northwest	SE SW $\frac{1}{4}$ sec. 155 blk. D-12	Ed Tharp	--	1920	110	6
93	5 $\frac{1}{2}$ miles west	SW cor. sec. 4 blk. D-12	R. A. Whitley	I. M. Hulson	1928	129	6
94	8 miles west	NE NE $\frac{1}{4}$ sec. 111 blk. D-11	A. J. Lloyd	Will Moore	1918	150	8
95	6 $\frac{1}{2}$ miles southwest	NE NW $\frac{1}{4}$ sec. 98 blk. 4X	J. B. Burke	Erace Fox	1942	118	6
96	9 $\frac{1}{2}$ miles southwest	SE cor. NE $\frac{1}{4}$ sec. 124 blk. D-11	Baird Loan Co.	-- Cook	1932	313	4 $\frac{1}{2}$
97	do.	NE cor. sec. 129 blk. D-11	M. F. Taylor	--	1920	92	6
98	7 miles southwest	NE cor. sec. 102 blk. 4X	J. W. Bowlin	-- DeLoach	1926	106	6
99	6 $\frac{1}{2}$ miles south	SE SW $\frac{1}{4}$ sec. 148 blk. T	Mrs. Otto Graham	--	Old	138	8
100	3 $\frac{1}{2}$ miles southwest	NE SW $\frac{1}{4}$ sec. 116 blk. T	W. W. Jeter	--	1917	108	6
101	do.	Near cen. SE $\frac{1}{4}$ sec. 141 blk. T	James E. King	R. F. Perry	1944	117	12
102	3 miles southwest	NE SW $\frac{1}{4}$ sec. 141 blk. T	Oscar Sawyer	--	1925	116	4 $\frac{1}{2}$
103	4 miles southwest	NW cor. sec. 152 blk. T	R. W. McKinley	--	Old	125	6
104	In Brownfield	NW cor. NW $\frac{1}{4}$ sec. 113 blk. T	City of Brownfield No. 1	--	Old	107	--
105	do.	SE cor. NW $\frac{1}{4}$ sec. 113 blk. T	City of Brownfield No. 2	-- Cook	1932	117	--
106	do.	SW cor. NE $\frac{1}{4}$ sec. 113 blk. T	City of Brownfield No. 3	Faul Fiersen	1941	132	13
107	1 mile east	SW NW $\frac{1}{4}$ sec. 102 blk. T	J. B. King	R. B. Perry	1936	120	8, 48
108	1 $\frac{1}{2}$ miles east	SE SW $\frac{1}{4}$ sec. 102 blk. I	Roy M. Herod	do.	1944	116	12

Well	Height of measuring point above ground (ft.)	WATER LEVEL		Method of lift b/	Use of water c/	Remarks
		Below measuring point (ft.) a/	Date of measurement			
86	6.6	117.52	June 13, 1944	C,W	D,S	
87	2.0	118	do.	C,W	D,S	
88	--	d/100	June 27, 1944	C,W	D,S	
89	--	--	--	C,W	D,S	
90	0.8	119.94	June 27, 1944	C,W	D,S	
91	1.0	81.07	June 13, 1944	C,W	D,S	
92	--	d/ 90	1943	C,W	D,S	
93	--	d/120	1939	C,W	D,S	
94	1.5	128.54	June 21, 1944	C,W	D,S	
95	--	d/ 94	Jan. 1943	C,W	D,S	
96	1.0	100.10	June 21, 1944	C,W	D,S	
97	0.8	56.46	do.	C,W	D,S	
98	--	d/ 90	1944	C,W	D,S	
99	0.6	107.64	June 26, 1944	None	N	
100	1.0	87.83	June 24, 1944	C,W	D,S	
101	0.4	81.92	June 14, 1944	T,G, --	Irr	Casing: Six feet of 12-inch. Caliche, clay and sand reported from 98 to 108 feet and quicksand from 108 to 117 feet. Temperature
102	1.0	85.62	June 13, 1944	Of,--, --	N	Dug 90 feet; drilled 65° F. from 90 to 116 feet. Used for irrigation until 1932. Centrifugal pump set at 90 feet.
103	0.5	109.32	June 21, 1944	C,W	D,S	
104	--	d/ 84	1944	T,E, --	P	Dug and drilled well. Yield reported 300 gallons a minute. This well and wells 105 and 106 supply city of Brownfield.
105	--	--	--	T,E, --	F	Yield reported 400 gallons a minute.
106	--	--	--	T,E, 20	P	Casing: 131.5 feet of 13-inch; casing perforated through water
107	--	d/ 85	1944	T,G, --	Irr	Dug 83 feet; sands. See log. drilled from 83 to 120 feet.
108	0.4	75.63	June 23, 1944	T,G, 85	Irr	Supplies nursery.

Records of wells and springs in Terry County -- Continued

Well	Distance from Brownfield	Section and block	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)
109	3 miles east	SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 77 blk. T	L. D. Gibson	R. B. Ferry	Old	75	5
110	4 miles east	SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 51 blk. T	O. A. Lemley	--	1923	90	6
111	7 $\frac{1}{2}$ miles east	SW cor. sec. 9 blk. T	V. E. Patterson	R. B. Ferry	1941	30	12
112	8 $\frac{1}{2}$ miles east	SW cor. sec. 2 blk. Y	McWhorter and Addison	dc.	1940	40	6
113	9 $\frac{1}{2}$ miles east	SW cor. sec. 1 blk. Y	Green and Lumkin Ranch	dc.	1937	50	6
114	10 $\frac{1}{2}$ miles east	SW cor. sec. 8 blk. Y	Dr. O. H. Shephard	dc.	1943	195	6
115	9 miles east	NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 4 blk. Y	J. E. Eakin	J. E. Eakin	1944	28	6
116	7 $\frac{1}{2}$ miles east	NE cor. sec. 23 blk. T	-- May	B. L. McPherson	1926	141	6
117	5 $\frac{1}{2}$ miles southeast	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 48 blk. I	Mrs. Effie B. Wilson	dc.	1926	236	6
118	5 miles southeast	SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 49 blk. T	Francis P. Christmann	Paul Fiersen	1941	97	6
119	3 $\frac{1}{2}$ miles southeast	SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 74 blk. T	W. W. Jones	--	1940	50	6
120	4 $\frac{1}{2}$ miles south	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 98 blk. I	T. L. Lowe	--	1923	69	6
121	6 $\frac{1}{2}$ miles south	SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 119 blk. T	E. H. Farred	--	1938	97	6
Distance from Wellman							
122	5 $\frac{1}{2}$ miles east	NE cor. sec. 25 blk. C-36	M. R. Childress	--	--	113	6
123	3 miles east	SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 23 blk. C-36	F. H. Dotkins	R. B. Ferry	1944	127	6
124	1 $\frac{1}{2}$ miles northeast	SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 153 blk. D-11	J. J. Whitley	Roy Harris	1924	252	4
125	4 $\frac{1}{2}$ miles northwest	SW cor. sec. 130 blk. D-11	M. M. Redwine	--	--	77	6
126	3 $\frac{1}{2}$ miles northwest	SW cor. sec. 145 blk. D-11	Ray Oliver	--	1936	320+	8
127	7 miles northwest	SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 55 blk. D-14	J. T. Robbins	--	1926	90	6
128	8 miles northwest	Near cen. N $\frac{1}{2}$ sec. 54 blk. K	A. R. Brownfield	Uscan Oil Co.	1937	5,677	13 $\frac{1}{2}$ -7
129	do.	NE $\frac{1}{4}$ C $\frac{1}{2}$ sec. 54 blk. K	do.	--	1903	100	--
130	6 $\frac{1}{2}$ miles west	NE cor. sec. 24 blk. DD	T. R. Anderson	--	--	113	6
131	8 $\frac{1}{2}$ miles west	SE cor. sec. 26 blk. DD	Rev Taylor	John Bloom	1922	125+	6

Well	Height of point above ground (ft.)	WATER LEVEL		Method of lift	Use of water	Remarks
		Belw measuring point (ft.) a/	Date of measurement			
109	0	60.72	June 15, 1944	C, W	D, S	Casing: 27 feet of 5-inch; casing perforated from 48 to 75 feet.
110	--	d/ 80	1944	C, W	D, S	
111	2.0	27.35	June 14, 1944	C, W	S, Irr	
112	0.3	28.25	do.	C, W	D, S	
113	1.0	22.48	do.	C, W	D, S	
114	--	--	--	C, W	D, S	
115	0.5	17.46	June 14, 1944	C, W	D	Sand reported from 17 to 48 feet in former irrigation well, 15 feet
116	1.0	23.79	June 23, 1944	C, W	D, S	Test No. 3 drilled for north. Kingsland Oil and Potash Company and converted to water well. See
117	--	--	--	None	N	Test No. 2 drilled for log. Kingsland Oil and Potash Company. Plugged and abandoned. See log.
118	--	--	--	None	N	Formerly supplied water to drill deep oil test. See log.
119	0.5	26.97	June 23, 1944	C, W	D, S	
120	2.0	52.72	June 16, 1944	C, W	D, S	
121	--	d/ 75	1944	C, W	D, S	
122	--	d/ 94	1944	C, W	D, S	
123	0.4	109.13	June 26, 1944	C, W	D, S	
124	1.4	24.22	June 24, 1944	C, W	D, S	Sand reported below blue shale.
125	0	42.74	June 20, 1944	C, W	D, S	
126	2.0	+	do.	Flows	N	Measured flow 2 1/2 gallons a minute. In bed of sulphur draw. One of two wells 60 feet apart. Originally drilled for irrigation.
127	1.0	79.14	do.	C, W	D, S	
128	--	--	--	C, W	S	Oil test, plugged back, and converted to water well. See log.
129	--	d/ 80	1944	C, W	D, S	
130	1.0	104.12	June 28, 1944	C, W	D, S	
131	--	d/ 90	1944	C, W	D, S	

Records of wells and springs in Terry County -- Continued

Well	Distance from Wellman	Section and blk.	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)
132	8 miles southwest	SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 50 blk. DD	A. V. Heron	--	--	119	6
133	9 $\frac{1}{2}$ miles southwest	SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 78 blk. DD	Mrs. F. B. Sawyer	--	--	116	6
134	9 miles southwest	NE cor. NW $\frac{1}{4}$ sec. 20 blk. C-34	Cliff Armstrong	Paul Pierson	1941	112	6
135	3 $\frac{1}{2}$ miles southwest	NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32 blk. DP	-- Hofheinz	--	1930	118	6
136	8 miles southwest	NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 20 blk. C-34	E. V. Oberholtzer	Paul Pierson	1942	133	--
137	7 $\frac{1}{2}$ miles southwest	NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 83 blk. DD	Columbia Carbon Co.	--	Old	131	6
138	do.	NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 83 blk. DD	do.	--	1944	220	--
139	4 $\frac{1}{2}$ miles southwest	NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 72 blk. DD	Oscar Sawyer	Paul Pierson	1944	132	6
140	5 $\frac{1}{2}$ miles southwest	SE cor. sec. 72 blk. DD	Fred Schutz	--	1930	117	6
141	5 miles south	NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 88 blk. DD	Gibbs Phillips	--	1908	150	6
142	3 miles south	NE cor. sec. 62 blk. DD	Clarence Lewis	--	Old	120	6
143	4 $\frac{1}{2}$ miles southwest	SW cor. sec. 32 blk. DD	Jim Kniclay	Paul Pierson	1941	132	6
144	4 $\frac{1}{2}$ miles west	NE cor. sec. 22 blk. DD	-- McDuffy	--	--	108	8
145	2 $\frac{1}{2}$ miles west	SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 8 blk. DD	J. R. Garrison	--	--	133	8
146	In Wellman	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 17 blk. DD	M. H. Rich	--	--	300- 350	6
147	do.	Near cen. NE $\frac{1}{4}$ sec. 17 blk. DD	W. M. Green	Paul Pierson	--	142	6
148	5 miles southeast	NW cor. sec. 38 blk. C-36	R. F. Abley	--	1924	140	6
149	6 $\frac{1}{2}$ miles east	NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 74 blk. C-36	P. Ruark	Whitav Bestick	1941	150	6
150	7 $\frac{1}{2}$ miles southeast	SW cor. sec. 16 blk. C-36	Roy Golden	--	1943	125	6
151	4 $\frac{1}{2}$ miles southeast	SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 9 blk. C-36	O. M. Edwards	--	1910	120	6
152	do.	SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 65 blk. DD	-- Havern	--	Old	110	6
153	7 miles southeast	SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 6 blk. C-36	Texas Land and Mortgage Co.	R. B. Perry	1942	122	6
154	8 $\frac{1}{2}$ miles southeast	SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 6 blk. C-37	J. E. Gibson	--	1930	135	6
155	do.	NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 8 blk. C-37	R. G. Nutt	--	1925	150±	6



Well	Height of measuring point above ground (ft.)	WATER LEVEL		Method of lift <u>b/</u>	Use of water <u>c/</u>	Remarks
		Below measuring point (ft.) <u>a/</u>	Date of measurement			
132	--	d/110	1944	C,W	D,S	
133	1.0	131.80	May 24, 1944	C,W	D,S	
134	--	--	--	C,W	S	See log.
135	1.3	94.61	May 24, 1944	C,W	D,S	
136	--	--	--	--	--	See log.
137	1.5	123.1	May 24, 1944	C,W	D,S	
138	--	--	--	--	--	See log.
139	--	--	--	None	N	Formerly supplied water to drill deep core test. See log.
140	1.0	90.45	June 26, 1944	C,W	D,S	
141	--	d/150	1944	C,W	D,S	
142	0.7	105.98	June 26, 1944	C,W	D,S	
143	--	--	--	C,W	--	Casing: 85 feet of 6-inch. See log.
144	--	d/ 80	1944	C,W	D,S	
145	--	d/118	1944	C,W	D,S	
146	0.5	52.1	May 23, 1944	C,W,E, <u>b</u>	F	Supplies part of the town of Wellman.
147	--	d/130	1944	C,W	D,S	See log.
148	--	--	--	C,W	D,S	
149	--	d/ 78	1944	C,W	D,S	
150	--	--	--	C,W	D,S	
151	--	--	--	C,W	D,S	
152	--	d/ 85	1944	C,W	D,S	
153	0	88.32	June 26, 1944	C,W	D,S	
154	--	d/130	1944	C,W	D,S	
155	--	--	--	C,W	D,S	

Records of wells and springs in Perry County -- Continued

Well	Distance from Union School	Section and block	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)
156	8 1/2 miles southwest	NE 1/4 SW 1/4 sec. 3 blk. C-37	Oren Buckner	Tide Water Oil Co.	1940	142	8 1/2
157	3 miles southwest	SW 1/4 SE 1/4 sec. 22 blk. C-37	Olan Herring	--	--	103	6
158	4 miles southwest	SW 1/4 SE 1/4 sec. 14 blk. C	Geo. Wade	--	1920	97	6
159	5 1/2 miles southwest	NW cor. sec. 18 blk. K	-- Buckner	--	--	113	6
160	2 1/2 miles west	SE 1/4 NE 1/4 sec. 24 blk. T	G. W. Walser	--	1918	77	6
161	do.	SE 1/4 SE 1/4 sec. 23 blk. T	State Highway Department	Faul Pierson	1941	105	7
162	At Union School	NW 1/4 NE 1/4 sec. 43 blk. T	Union School	--	--	67	6
163	2 1/2 miles northwest	NW 1/4 NE 1/4 sec. 26 blk. T	E. D. Ballard	--	1933	220	6
164	2 1/2 miles northeast	SW 1/4 SW 1/4 sec. 20 blk. T	W. H. Whagner	--	Old	65	12
165	4 1/2 miles northeast	SE 1/4 SW 1/4 sec. 12 blk. T	Arizona Chemical Co.	L. A. Peoples	1938	85+	8
166	do.	SW cor. sec. 6 blk. Y	R. J. Purcell	R. B. Ferry	1941	38	6
167	do.	SW 1/4 SW 1/4 sec. 6 blk. Y	do.	do.	1943	62	--
168	5 1/2 miles northeast	SW cor. sec. 7 blk. Y	A. R. Brownfield	B. L. McPherson	1926	66	--
169	do.	SW cor. NW 1/4 sec. 5 blk. Y	J. H. Hill	R. B. Ferry	1941	36	6
170	6 miles northeast	NW cor. sec. 5 blk. Y	A. Z. Couch	do.	1941	39	6
171	do.	do.	do.	--	--	35	6
172	7 miles northeast	SW 1/4 SW 1/4 sec. 5 blk. Y	Lee Brownfield	R. B. Ferry	1941	22	3
173	6 1/2 miles northeast	Cor. SE 1/4 sec. 8 blk. Y	A. R. Brownfield	A. R. Brownfield	1931	1,076	6
174	7 miles northeast	SW 1/4 SW 1/4 sec. 7 blk. A-1	do.	B. L. McPherson	1926	107	6
175	8 miles northeast	NE 1/4 SE 1/4 sec. 7 blk. A-1	do.	--	1937	415	6 1/2
176	7 1/2 miles northeast	SW cor. sec. 7 blk. A-1	do.	B. L. McPherson	1926	39	6
177	7 miles northeast	SW cor. sec. 9 blk. A-1	C. C. Coffee	R. B. Ferry	1942	90	6
178	7 1/2 miles northeast	Cor. N line sec. 24 blk. A-1	A. R. Brownfield	B. L. McPherson	1926	124	6
179	2 1/2 miles east	SE 1/4 SW 1/4 sec. 15 blk. T	Bert Levy	--	1904	60+	10
180	7 miles east	SE 1/4 NW 1/4 sec. 26 blk. O	-- Tyler	--	--	200+	3

Well	Height of measuring point above ground (ft.)	WATER LEVEL		Method of lift	Use of water	Remarks
		Belw measuring point (ft.) a/	Date of measurement			
156	3.0	123.41	June 20, 1944	C,W	D,S	
157	--	d/ 85	1943	C,W	D,S	
158	--	d/ 65	1944	C,W	D,S	
159	1.0	88.29	June 24, 1944	C,W	D,S	
160	1.5	37.45	June 16, 1944	C,W	D,S	
161	--	--	--	None	N	Formerly used for highway construction. Plugged and abandoned.
162	0.9	36.06	June 16, 1944	C,W	F	See log.
163	1.0	200	do.	C,W	D,S	
164	--	d/ 45	1944	C,W	D,S	
165	--	--	--	T,E, 3	Ind	
166	0	26.97	June 14, 1944	C,W	D,S	
167	--	d/ 27	1944	T,G, --	Irr	Yield reported 45 gallons a minute. See log.
168	--	--	--	None	N	Test No. 1 drilled for Kingsland Oil and Potash Company. See log.
169	0.5	16.25	June 14, 1944	C,W	D,S	
170	1.6	17.53	do.	C,W	D,S	Casing: 18 feet of 6-inch.
171	0.7	12.71	June 23, 1944	Cf,G, --	Irr	
172	0	11.48	June 14, 1944	C,W	D,S	
173	--	--	--	None	N	Oil test. See log.
174	--	--	--	None	N	Test No. 6 drilled for Kingsland Oil and Potash Company. See log.
175	0.5	74.24	June 15, 1944	C,W	D,S	Casing: 386 feet of 5 1/2-inch. Water in sand from 388 to 402 feet. Originally drilled into salt water at 740 feet then plugged back to
176	--	--	--	None	N	Test No. 7 drilled 415 feet. for Kingsland Oil and Potash Company. See log.
177	0.2	81.45	June 15, 1944	C,W	S	
178	--	--	--	None	N	Test No. 6 drilled for Kingsland Oil and Potash Company. See log.
179	--	--	--	C,W	D,S	
180	1.0	71.14	June 15, 1944	C,W	D,S	

Records of wells and springs in Terry County -- Continued

Well	Distance from Union School	Section and block	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)
181	7 miles southeast	NE $\frac{1}{4}$ -NE $\frac{1}{4}$ sec. 33 blk. C	R. W. Tunnell	Raleigh Simons	1924	199	6
182	5 miles southeast	SW $\frac{1}{4}$ -SW $\frac{1}{4}$ sec. 38 blk. C	-- Tyler	Len Falmer	1938	70 <sup>+</sup>	6
183	3 $\frac{1}{2}$ miles southeast	SE $\frac{1}{4}$ -SE $\frac{1}{4}$ sec. 3 blk. M	W. T. Howze	--	1944	78	10
184	2 $\frac{3}{4}$ miles south	SE $\frac{1}{4}$ -NW $\frac{1}{4}$ sec. 7 blk. M	G. W. Luker	--	1918	37	6
185	5 $\frac{1}{2}$ miles south	SE $\frac{1}{4}$ -NW $\frac{1}{4}$ sec. 21 blk. C-38	State Highway Department	Paul Pierson	1941	106	7
186	6 miles south	NW $\frac{1}{4}$ -NW $\frac{1}{4}$ sec. 2 blk. C-38	N. E. Townsend	--	1935	92	6
187	8 miles south	NE cor. sec. 11 blk. C-38	Guthrie Est.	--	1923	94	6
188	2 miles southeast	NE $\frac{1}{4}$ -SW $\frac{1}{4}$ sec. 13 blk. C-39	G. V. Boyer	--	Old	80	6
189	6 $\frac{1}{2}$ miles southeast	NW $\frac{1}{4}$ -SW $\frac{1}{4}$ sec. 23 blk. C-41	King Preston	--	1937	80 <sup>+</sup>	8
190	5 $\frac{1}{2}$ miles southeast	NW $\frac{1}{4}$ -SW $\frac{1}{4}$ sec. 41 blk. C	S. R. Allen	--	Old	93	6
191	8 $\frac{1}{2}$ miles southeast	NW $\frac{1}{4}$ -SW $\frac{1}{4}$ sec. 3 blk. C	C. A. Vance	--	1943	80	6
192	10 miles southeast	SW $\frac{1}{4}$ -SW $\frac{1}{4}$ sec. 15 blk. C-4	-- Schuemaker	--	1929	100	8

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

b/ Pump or lift: T, turbine; Cf, centrifugal; C, cylinder.

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

Well	Height of measuring point above ground (ft.)	WATER LEVEL		Method of lift	Use of water	Remarks
		Belcw measuring point (ft.) a/	Date of measurement			
181	0.5	43.44	June 15, 1944	C,W	D,S	
182	1.0	50.71	June 16, 1944	C,W	D,S	
183	0.5	50.86	do.	None	N	To be used for irrigation.
184	--	d/ 80	1944	C,W	D,S	
185	--	--	--	None	N	Formerly used for highway construction. Plugged and abandoned.
186	--	--	--	C,W	D,S	See log.
187	--	d/ 86	1944	C,W	D,S	
188	--	d/ 75	1944	C,W	D,S	
189	--	--	--	C,W	D,S	
190	0.3	70	June 15, 1944	C,W	D,S	
191	0.4	52.88	do.	C,W	D,S	
192	2.5	61.24	do.	C,W	D,S	

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

d/ Water level reported by driller or owner.

Table of Drillers' logs, Terry County, Texas

	Thickness (feet)	Depth (feet)
<u>Well 27</u>		
Sam Murphy, 7 miles west of Johnson. Paul Pierson, driller.		
Top soil, sandy clay	20	20
Caliche	20	40
Red sand	44	84
Limestone	13	140
Sand, dry	39	138
Crystalline quartzitic sandstone	7	145
Sand, water	20	165
Yellow clay	1	166

	Thickness (feet)	Depth (feet)
<u>Well 51</u>		
City of Meadow, in Meadow. L. A. Peeples, driller.		
Topsoil	3	3
Soft caliche	27	30
Hard caliche	5	35
Soft sand rock	26	61
Sand rock	4	65
Pink packsand	22	87
Rock	4	91
Fine-grained red sand, water	21	112
Plinty limestone	1	113
Gray packsand	9	122
Pink sand, water	15	137
Brown gravelly clay	1	138
Yellow clay	2	140

	Thickness (feet)	Depth (feet)
<u>Well 57</u>		
V. A. Decker, 4 miles northeast of Meadow. E. W. Hemms, driller.		
Topsoil	3	3
Sandy clay	8	11
White limy sandy clay	19	30
Caliche	15	45
Red clay	40	85
Gray packsand, water	10	95
Red sand and gravel	5	100
Red sandy clay	35	115
Coarse gravel, water	15	150
Blue clay	2	152

	Thickness (feet)	Depth (feet)
<u>Well 59</u>		
James Adams, 5 miles northeast of Meadow. Geo. Anderson, driller.		
Topsoil	6	6
Caliche	9	15
Red clay	25	40

	Thickness (feet)	Depth (feet)
<u>Well 59 -- Continued</u>		
Hard sand rock	25	65
Gray sandy clay	10	75
Packsand	21	96
Fine-grained gray sand	8	104
Gray clay	5	109
Sand and gravel	8	117
Gray sandy clay	17	134
Sand and gravel	4	134
Yellow clay	6	140
Blue clay		140

	Thickness (feet)	Depth (feet)
<u>Well 60</u>		
V. S. Reynolds, 6 $\frac{1}{2}$ miles northeast of Meadow. Geo. Anderson, driller.		
Topsoil	5	5
Red clay	20	25
Caliche	20	45
Hard sand rock	15	60
Gray sandy clay	10	70
Hard rock	5	75
Gray sandy clay	22	97
Sand and gravel	28	125
Red clay	7	132
Sand and gravel	10	142
Red clay	8	150
Sand and gravel	7	157
Yellow clay	1	158

	Thickness (feet)	Depth (feet)
<u>Well 61</u>		
S. M. Darby, 6 $\frac{1}{2}$ miles northeast of Meadow. Geo. Anderson, driller.		
Topsoil	5	5
Caliche	20	25
Red sandy clay	10	35
Rock	20	55
Gray clay	35	90
Red muddy sand, water	25	115
Red sandy clay	15	130
Sand	11	141
Yellow sandy clay	11	152
Blue clay	3	155

	Thickness (feet)	Depth (feet)
<u>Well 63</u>		
A. W. Jackson, 3 $\frac{1}{2}$ miles southeast of Meadow. C. W. Jay, driller.		
Topsoil, caliche and sandy clay	37	37
No record	10	47
Soft lime rock	15	62
Clayey sand, water	20	82
Blue clay		82

Table of Drillers' logs, Terry County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 76</u>		
C. O. V. Wood, 4 $\frac{1}{2}$ miles southeast of Meadow. Tom Nordyke, driller.		
Torsoil	3	3
Grayish-white sandy clay	49	52
Hard lime rock	12	64
Gray clayey sand, water	9	73
Yellow shale	7	80
Blue shale	180	260
White limestone	52	312
Light blue shale	10	322
Sandy red clay	3	325
Red beds	18	343

	Thickness (feet)	Depth (feet)
<u>Well 77</u>		
S. H. Bossert, 5 miles southeast of Meadow. Carl Allen, driller.		
Torsoil	30	30
Limestone	20	50
Red sandy clay	40	90
Gravel, water	30	120
Blue clay		120

	Thickness (feet)	Depth (feet)
<u>Well 106</u>		
City of Brownfield No. 3, in Brownfield. Paul Pierson, driller.		
Soil and sandy clay	33	33
Soft red clay	36	69
Hard sand	5	74
Soft white sand	12	86
Caliche	8	94
Sand, water	4	98
Crystalline sandstone	7	105
Sand, water	1	106
Chert	4	110
Gravel, water	20	130
Red rock and clay	3	132

	Thickness (feet)	Depth (feet)
<u>Well 116</u>		
-- Day, 7 $\frac{1}{2}$ miles east of Brownfield. G. L. McPherson, driller.		
Soil	2	2
Red clay	4	6
Chalk rock	4	10
Maly sand	14	24
Potash	10	34
Gravel, water	8	42
Red clay	12	54
Yellow clay	18	72
Blue clay	4	76
Rock	24	100
Shell rock	41	141

	Thickness (feet)	Depth (feet)
<u>Well 117</u>		
Mrs. Effie B. Wilson, 5 $\frac{1}{2}$ miles southeast of Brownfield. B. L. McPherson, driller.		
Soil	4	4
White rock	21	25
Sand rock	7	32
No record	8	40
Hard lime and sand	11	51
Sand	4	55
Rock	1	56
Sand and gravel, water	21	77
Slate	1	78
Yellow clay	7	85
Shell rock	2	87
Blue shale	101	188
Lime and sand rock	42	230
Sand, dry	2	232
Sand, water	4	236

	Thickness (feet)	Depth (feet)
<u>Well 118</u>		
Francis B. Christmann, 5 miles southeast of Brownfield. Paul Pierson, driller.		
Soil and clay	22	22
Hard caliche	13	35
Red sand, dry	5	40
Caliche	8	48
Hard crystalline sandstone	13	61
Gravel, water	9	70
Hard crystalline sandstone	1	71
Gravel, water	26	97

	Thickness (feet)	Depth (feet)
<u>Well 128, partial log</u>		
A. R. Brownfield, 8 miles northeast of Wellman. Uscan Oil Co., driller.		
Caliche	10	10
Caliche and sand	10	20
Rock	30	50
"Gyp" and sand rock	40	90
Blue mud and "gyp"	12	102
Sand and "gyp" shells	81	190
Blue shale	10	200
Blue shale and lime shale	30	230
Sand, water	45	275
Red beds	20	345
Shell	3	348
Red sand	8	356
Blue sandy shale	28	384
Sand and shells	67	451
Gray sand	128	579
Red beds	121	700
TOTAL DEPTH		887

Table of Drillers' Logs, Terry County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 134</u>		
Cliff Armstrong, 9 miles southwest of Wellman. Paul Pierson, driller.		
Soil	8	8
Caliche	12	20
Dry sand	60	80
Lime	5	85
Dry sand	11	96
Water sand	16	112

	Thickness (feet)	Depth (feet)
<u>Well 136</u>		
R. V. Oberholtzer, 8 miles southwest of Wellman. Paul Pierson, driller.		
Topsoil and sand	15	15
Caliche	45	60
Red sand (dry)	15	75
Dry sand	38	113
Chert (very hard crystalline sandstone)	2	115
Red water sand	3	118
White water sand	5	123
Chert	2	125
Water sand	8	133

	Thickness (feet)	Depth (feet)
<u>Well 138</u>		
Columbia Carbon Co., test No. 1, 7 $\frac{1}{2}$ miles southwest of Wellman.		
Red sand	32	32
White rock	18	50
Fine-grained red sand	18	68
Rock	19	87
Hard sand	14	101
Rock	3	104
Hard sand	20	124
Rock	2	126
Sand	15	141
Rock	8	149
Sand	31	180
Sand and boulders	21	201
Yellow clay	10	211
Blue shale	9	220

	Thickness (feet)	Depth (feet)
<u>Well 139</u>		
Oscar Sawyer, 4 $\frac{3}{4}$ miles southwest of Wellman. Paul Pierson, driller.		
Topsoil and sand	8	8
Caliche	22	30
Dry red sand	55	85
Hard caprock	5	90
Red sand (dry)	5	95
Water sand	37	132

	Thickness (feet)	Depth (feet)
<u>Well 143</u>		
Jim Kniclay, 4 $\frac{3}{4}$ miles southwest of Wellman. Paul Pierson, driller.		
Soil	5	5
Caliche	25	30
Clayey sand and red sand (dry) started caving at 63 feet had to carry casing through sand	52	82
White sand and clay	39	121
Chert (very hard caprock of crystalline sandstone)	1	122
Water sand	10	132

	Thickness (feet)	Depth (feet)
<u>Well 147</u>		
W. M. Green, in Wellman. Paul Pierson, driller.		
Topsoil, sand and clay	78	78
Chert (very hard crystalline sandstone)	5	83
Dry sand	22	105
Chert	7	112
Dry sand	20	132
Water sand and gravel	9	141
Yellow clay	1	142

	Thickness (feet)	Depth (feet)
<u>Well 161</u>		
State Highway Department, 2 $\frac{3}{4}$ miles west of Union School. Paul Pierson, driller.		
Soil	3	3
Caliche	9	12
Red sand, dry	25	37
Caliche	19	56
Hard crystalline sandstone	5	61
Sand, dry	7	68
Gravel, water	5	73
Hard crystalline sandstone	1	74
Gravel, water	28	102

	Thickness (feet)	Depth (feet)
<u>Well 167</u>		
R. J. Furtel, 4 $\frac{3}{4}$ miles northeast of Union School. R. B. Ferry, driller.		
Surface formation	13	13
Sand with blue shale streaks	26	39
Limestone	1	40
Sand	22	62

	Thickness (feet)	Depth (feet)
<u>Well 168</u>		
A. R. Brownfield, 5 $\frac{1}{2}$ miles northeast of Union School. B. L. McPherson, driller.		

(Continued on next page)



Table of Drillers' Logs, Terry County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 168 -- Continued</u>		
Soil, sand and shale	19	19
Sand and shale	20	39
"Quicksand", water	4	43
Coarse-grained sand, water	2	45
Gravel, water	19	64
Hard rock	1	65
Sand	1	66
Yellow clay		66

Well 173, partial log

A. R. Brownfield, 6 $\frac{1}{2}$ miles northeast of Union School. A. R. Brownfield, driller.		
Surface soil	2	2
Sand, caliche and hard lime	70	72
Yellow clay	16	88
Broken shale with lime shells	13	101
Blue shale	16	117
Lime	2	119
Blue and yellow shale	21	140
Hard lime	4	144
Hard lime and shale	24	168
Hard lime	37	205
Hard gray sand and lime	20	225
Hard gray sand	20	245
Sand, water	25	270
Red and yellow sandy shale	6	276
Red beds	6	282
Gray shale	17	299
Red beds, shale	10	309
Sticky red shale	3	312
Red and gray sandy shale	33	345
Sandy lime	20	365
Red beds, shale	35	400
TOTAL DEPTH		1076

Well 174

A. R. Brownfield, 7 miles northeast of Union School. B. L. McPherson, driller.		
Soil	8	8
Red and white chalk	47	55
Hard lime rock	25	80
White chalk and blue gravel	6	86
Yellow clay	20	106
Blue clay	1	107

	Thickness (feet)	Depth (feet)
<u>Well 176</u>		
A. R. Brownfield, 7 $\frac{1}{2}$ miles northeast of Union School. B. L. McPherson, driller.		
Caliche	15	15
Red sand	3	18
Caliche	32	50
Hard white rock	12	62
Red and white rock	8	70
Rock and sand	2	72
Yellow clay	16	88
Blue clay	1	89

Well 178

A. M. Brownfield, 7 $\frac{1}{2}$ miles northeast of Union School. B. L. McPherson, driller.		
Red clay	10	10
White chalk	5	15
Red sand	15	30
Sand rock and some lignite	5	35
Soft white chalk	26	61
Hard white lime rock	21	82
White chalk	10	92
Red clay	5	97
Yellow clay	13	110
Rock	2	112
Yellow clay	12	124
Blue clay		124
(No water)		

Well 185

State Highway Department, 5 $\frac{1}{2}$ miles south of Union School. Paul Pierson, driller.		
Soil	6	6
Caliche	22	28
Sand, dry	30	58
Crystalline sandstone	10	68
Sand, dry	6	74
Sand and gravel, water	11	85
Sand, water	21	106

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

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

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> ) (turb.)	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
11	Bill Herod	136	June 13, 1944	-	-	-	-	320	120	62	-	-	a/ 480
17	Katherine Kennedy	74	June 6, 1938	1,451	65	96	314	439	b/ 531	218	5.2	0.09	555
20	Eugene Nettles	84	June 22, 1944	-	-	-	-	346	100	41	-	-	a/ 412
21	W. G. Curtis	90	do.	-	-	-	-	428	190	192	-	-	a/ 690
22	Geo. R. Alexander	357	June 28, 1944	1,140	6.6	4.4	416	356	b/ 297	239	-	0.0	34
23	Amos Louallen	164	June 27, 1944	-	-	-	-	301	60	79	-	-	a/ 390
24	J. J. Little, Sr.	412	do.	1,340	7.8	4.9	490	384	b/ 336	310	-	2.2	40
26	W. F. Smith	162	June 28, 1944	-	-	-	-	391	130	59	-	-	a/ 518
28	Mrs. J. D. McCullough	150	do.	-	-	-	-	332	240	108	-	-	a/ 608
29	Johnson Est.	184	do.	-	-	-	-	319	100	78	-	-	a/ 488
30	B. S. Harrison	130	do.	-	-	-	-	352	140	50	-	-	a/ 442
31	D. E. Green	120	June 20, 1944	1,160	70	101	198	287	b/ 321	320	-	24	590
32	B. M. Wade	125	do.	-	-	-	-	288	210	125	-	-	a/ 480
33	Charley Gaston	120	do.	-	-	-	-	288	536	228	-	-	a/ 675
34	Schofield Bros.	148	do.	-	-	-	-	311	220	180	-	-	a/ 540
35	A. C. Harvey	145	June 28, 1944	-	-	-	-	386	120	84	-	-	a/ 368
36	H. M. Cargill	140	do.	483	68	52	33	292	b/ 117	70	-	3.8	384
38	R. I. North	143	June 27, 1944	-	-	-	-	258	120	102	-	-	a/ 420
39	Odell Fulton	175	do.	-	-	-	-	275	100	73	-	-	a/ 442
40	Eddie Mitchell	124	do.	-	-	-	-	281	55	21	-	-	a/ 292
41	W. E. Fool	173	do.	-	-	-	-	199	160	114	-	-	a/ 420
42	J. T. Britton	140	do.	-	-	-	-	278	90	105	-	-	a/ 420
43	Thurman Solsbury	156	do.	-	-	-	-	259	150	105	-	-	a/ 502
44	Mrs. H. L. Young	156	do.	-	-	-	-	342	140	81	-	-	a/ 458

a/ Total hardness by soap method.

b/ Sulphate determined.

c/ Nitrate less than 20 parts per million

Partial analyses of water from wells and spring in Terry County -- Continued  
(Results are in parts per million)

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> ) (turb.)	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
45	C. D. Eskew	115	June 27, 1944	-	-	-	-	355	80	60	-	-	a/ 465
46	Mrs. A. J. Akers	130	do.	-	-	-	-	378	100	99	-	-	a/ 518
47	A. J. Bell	143	June 13, 1944	-	-	-	-	374	120	52	-	-	a/ 405
48	J. C. Brownover	137	June 17, 1944	-	-	-	-	403	331	150	-	-	a/ 570
51	City of Meadow	140	May 20, 1938	573	39	64	39	370	b/ 104	80	4.7	-	c/ 359
52	Lee Walker	115	June 16, 1944	-	-	-	-	408	130	139	-	-	a/ 405
53	G. S. Teber	146	June 13, 1944	-	-	-	-	388	170	107	-	-	a/ 428
54	E. E. Ellis	125	June 16, 1944	-	-	-	-	356	150	159	-	-	a/ 543
55	B. F. Finley	116	June 17, 1944	-	-	-	-	338	150	120	-	-	a/ 375
56	Pearce Warren	159	June 22, 1944	496	32	45	95	382	b/ 87	48	-	0.5	255
57	V. G. Decker	152	do.	464	33	40	91	392	b/ 72	32	-	2.8	247
60	V. S. Reynolds	158	do.	517	39	41	102	400	b/ 93	44	-	1.0	266
62	C. P. Obar	131	do.	652	34	53	140	475	b/ 118	58	-	15	303
63	Amicable Life Ins. Co.	36	June 6, 1938	716	21	21	237	549	b/ 112	47	7.9	-	c/ 138
66	L. B. Green	108	May 19, 1938	732	53	56	138	479	b/ 205	74	4.8	-	c/ 365
67	I. V. Pendergrass	102	May 20, 1938	695	50	66	117	439	b/ 170	70	5.8	-	c/ 396
68	A. W. Jackson	82	do.	1,077	76	56	216	415	b/ 355	136	5.5	18	451
69	C. Beard	Spring	May 18, 1938	5,945	88	204	1,723	1,293	b/2, 635	700	3.6	-	c/ 1,056
70	C. V. Wood	343	do.	12,776	598	259	3,941	85	b/ 365	7,570	1.0	-	c/ 2,550
71	R. Morehead	81	May 20, 1938	1,833	-	-	-	427	b/ 724	280	4.9	6	-
72	Richard Carruth	75	May 18, 1938	1,146	86	66	218	370	b/ 361	162	4.7	28	486
73	— McDonald	80	do.	9,733	246	116	2,467	403	b/4, 570	1,830	6.4	-	c/ 2,326
74	C. V. Wood	Lake	do.	90,549	2,496	7,500	18,000	561	b/40, 577	23,700	-	-	c/ 37,040
75	J. H. Daniels	85	May 20, 1944	1,790	72	119	388	458	b/ 727	250	6.8	4.4	668
76	A. Jackson	96	May 19, 1938	1,523	76	69	353	340	b/ 656	174	5.4	22	472
77	S. H. Gossett	120	do.	1,634	109	122	292	427	b/ 590	300	6.4	5	775
79	Charley Barnett	78	May 18, 1938	775	60	54	149	378	b/ 217	104	5.4	-	c/ 373
80	A. Z. Couch	105	June 23, 1944	-	-	-	-	338	100	77	-	-	a/ 495
81	W. F. Forces	70	do.	-	-	-	-	414	477	220	-	-	c/ 675

a/ Total hardness by soap method.

b/ Sulfate determined.

c/ Nitrate less than 20 parts per million.

Partial analyses of water from wells and springs in Terry County -- Continued  
(Results are in parts per million)

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> ) (turb.)	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
82	A. T. Fowler	76	June 23, 1944	-	-	-	-	303	210	139	-	-	a/ 532
83	Mrs. Chock Hamilton	90	do.	-	-	-	-	352	140	71	-	-	a/ 472
84	Mrs. P. J. Nettles	116	June 17, 1944	-	-	-	-	300	100	110	-	-	a/ 502
85	Abbie Fisher	120	June 15, 1944	-	-	-	-	324	110	84	-	-	a/ 390
86	L. M. Lang	159	June 13, 1944	-	-	-	-	291	160	118	-	-	a/ 442
87	Henry V. Mallen	132	do.	-	-	-	-	335	100	54	-	-	a/ 412
88	R. W. Carter	113	June 27, 1944	-	-	-	-	302	120	106	-	-	a/ 465
89	Wade Est.	112	June 13, 1944	-	-	-	-	307	200	119	-	-	a/ 698
90	Will Briganee	132	June 27, 1944	-	-	-	-	273	130	103	-	-	a/ 450
91	Carl Golden	97	June 13, 1944	-	-	-	-	219	120	122	-	-	a/ 435
92	Ed Tharp	110	June 21, 1944	-	-	-	-	265	230	162	-	-	a/ 675
93	R. A. Whitley	129	do.	-	-	-	-	259	115	85	-	-	a/ 502
94	A. J. Lloyd	150	do.	-	-	-	-	280	80	73	-	-	a/ 502
95	J. B. Burke	118	do.	-	-	-	-	269	120	74	-	-	a/ 430
96	Baird Loan Co.	313	do.	-	-	-	-	332	250	280	-	-	a/ 218
97	M. P. Taylor	93	do.	-	-	-	-	264	481	538	-	-	a/ 840
98	J. Rowlin	106	do.	-	-	-	-	252	120	74	-	-	a/ 502
100	W. J. Jeter	108	June 2, 1944	-	-	-	-	265	130	238	-	-	a/ 608
101	James P. King	117	June 14, 1944	534	58	64	41	246	b/ 149	98	-	3.2	408
103	P. W. McKinley	125	June 21, 1944	-	-	-	-	266	160	97	-	-	a/ 518
104	City of Brownfield	107	May 25, 1944	740	64	61	79	291	b/ 169	98	3.0	10	410
107	J. B. King	120	June 23, 1944	543	56	57	62	313	b/ 126	85	-	2.8	374
109	L. D. Gibson	75	June 15, 1944	-	-	-	-	241	220	225	-	-	a/ 682
110	O. A. Lemley	90	June 23, 1944	-	-	-	-	277	170	98	-	-	a/ 330
111	V. L. Patterson	30	June 14, 1944	-	-	-	-	274	55	46	-	-	a/ 375
112	McThorner and Addison	40	do.	-	-	-	-	542	140	162	-	-	a/ 435
113	Green and Lumkin Ranch	50	do.	-	-	-	-	1,300	2,200	550	-	-	a/ 1300

a/ Total hardness by soap method.

b/c/ Nitrate less than 20 parts per million.

b/ Sulfate determined.

Partial analyses of water from wells and springs in Terry County -- Continued  
(Results are in parts per million.)

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> ) (turb.)	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
114	Dr. O. H. Shephard	195	June 14, 1944	-	-	-	-	216	986	885	-	-	a/ 525
115	J. F. Eakin	28	do.	-	-	-	-	345	230	148	-	-	a/ 488
116	-- May	141	June 23, 1944	-	-	-	-	340	210	170	-	-	a/ 398
119	W. W. Jones	50	do.	-	-	-	-	350	588	208	-	-	a/ 540
120	T. L. Lowe	69	June 16, 1944	-	-	-	-	264	230	278	-	-	a/ 750
121	H. H. Herred	97	June 24, 1944	-	-	-	-	290	110	93	-	-	a/ 390
122	M. B. Childress	113	do.	-	-	-	-	307	90	68	-	-	a/ 390
123	F. H. Dobkins	127	June 26, 1944	-	-	-	-	321	210	81	-	-	a/ 435
125	H. L. Redwine	77	June 20, 1944	-	-	-	-	346	573	437	-	-	a/ 922
126	Ray Oliver	320+	do.	1,910	15	8.5	635	353	b/ 474	545	-	2.8	72
127	J. W. Robbins	90	do.	-	-	-	-	347	170	225	-	-	a/ 545
129	A.R. Brownfield	100	do.	-	-	-	-	246	230	210	-	-	a/ 518
131	Roy Taylor	125+	do.	-	-	-	-	263	369	320	-	-	a/ 740
132	A. V. Heron	119	June 28, 1944	-	-	-	-	235	140	260	-	-	a/ 622
133	Mrs. M. B. Sawyer	116	May 24, 1944	323	80	92	77	244	b/ 277	192	-	0	578
137	Columbia Carbon Co.	131	do.	592	48	69	71	296	b/ 130	128	-	0	474
141	Gibbs Phillips	150	June 26, 1944	-	-	-	-	375	150	117	-	-	a/ 495
142	Clarence Lewis	120	do.	-	-	-	-	315	270	216	-	-	a/ 532
144	-- McDuffy	108	June 28, 1944	-	-	-	-	233	230	402	-	-	a/ 1,250
145	J. R. Garrison	133	do.	-	-	-	-	313	384	162	-	-	a/ 465
146	M. H. Rich	300-	350	May 23, 1944	1,940	9.6	6.0	693	b/ 473	528	1.7	2.0	48
147	W. M. Green	142	do.	1,120	75	95	186	288	b/ 373	254	0	-	578
148	R. F. Mobley	140	June 26, 1944	-	-	-	-	606	369	157	-	-	a/ 502
149	D. Raurk	150	do.	-	-	-	-	351	120	103	-	-	a/ 435
150	Roy Golden	125	June 24, 1944	-	-	-	-	346	160	71	-	-	a/ 475
151	O. M. Edwards	120	June 26, 1944	-	-	-	-	387	170	115	-	-	a/ 458
152	-- Havern	110	do.	-	-	-	-	321	120	117	-	-	a/ 405

a/ Total hardness by soap method.

b/ Sulfate determined.

c/ Nitrate less than 20 parts per million.

Partial analyses of water from wells and springs in Terry County -- Continued  
(Results are in parts per million)

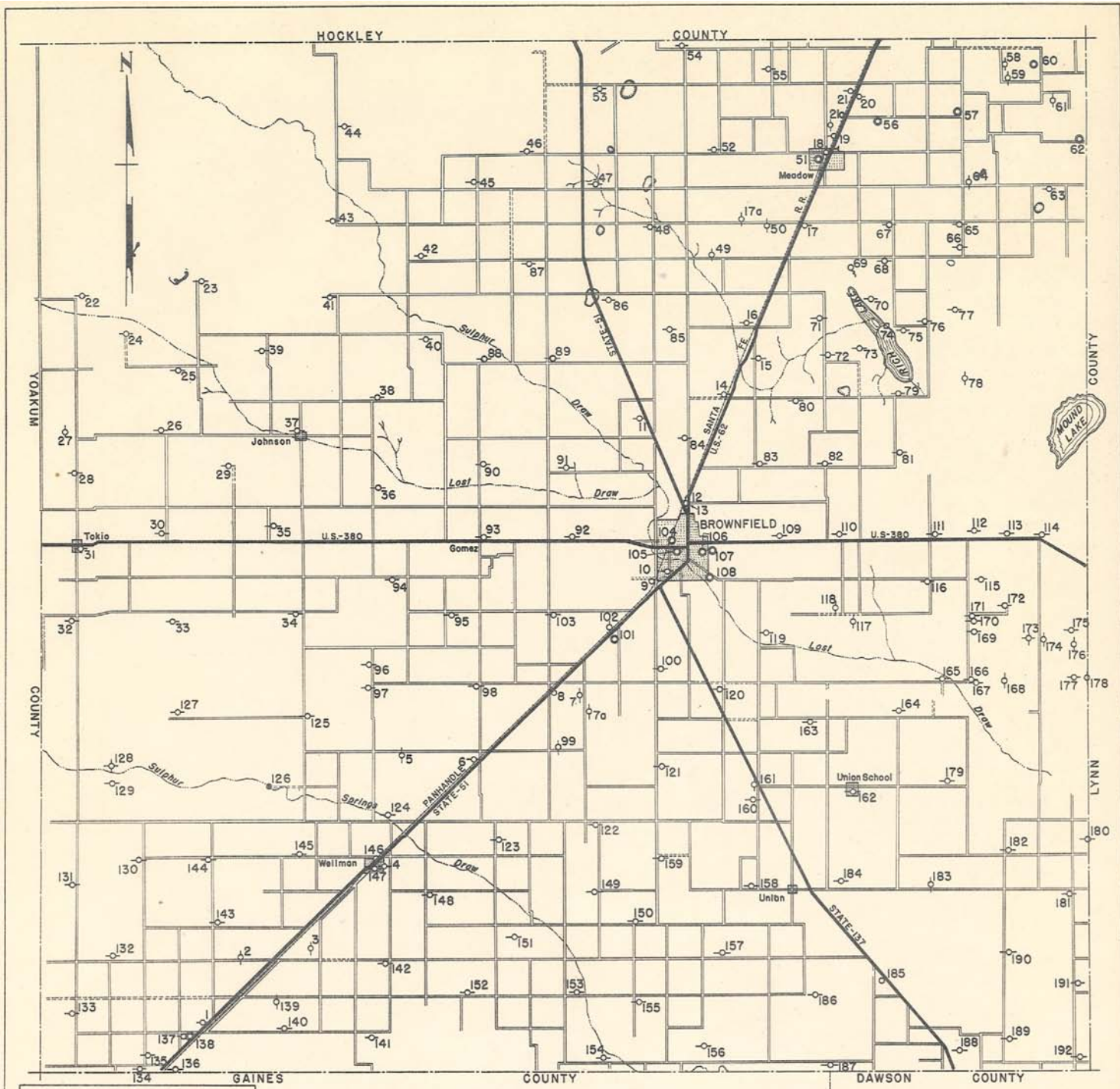
Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> ) (turb.)	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Total hardness as CaCO <sub>3</sub> (calc.)
143	Texas Land and Mortgage Co.	122	June 26, 1944	-	-	-	-	275	230	260	-	-	a/ 522
154	J. E. Gibson	135	do.	-	-	-	-	341	110	112	-	-	a/ 480
155	R. G. Nutt	150+	June 24, 1944	-	-	-	-	315	170	159	-	-	a/ 405
157	Olan Herring	103	do.	-	-	-	-	345	90	23	-	-	a/ 375
158	G. Wade	87	June 26, 1944	-	-	-	-	290	220	199	-	-	a/ 638
159	-- Buckner	113	June 24, 1944	-	-	-	-	221	210	91	-	-	a/ 608
160	G. W. Walser	77	June 16, 1944	-	-	-	-	242	519	213	-	-	a/ 690
162	Union School	67	do.	-	-	-	-	373	230	150	-	-	a/ 535
163	T. D. Ballard	220	do.	-	-	-	-	370	210	208	-	-	a/ 195
164	W. H. Whagner	65	do.	-	-	-	-	420	130	115	-	-	a/ 525
165	Arizona Chemical Co.	85+	June 15, 1944	-	-	-	-	319	110	62	-	-	a/ 308
166	R. J. Furtel	38	June 14, 1944	2,380	98	127	545	318	b/ 2,200	500	-	2.2	a/ 706
169	J. H. Hill	36	do.	-	-	-	-	432	2,200	930	-	-	a/ 2,240
170	A. Z. Couch	34	do.	-	-	-	-	404	190	110	-	-	a/ 495
172	Lee Brownfield	22	do.	-	-	-	-	278	4,510	1,350	-	-	-
175	A.R. Brownfield	415	June 23, 1944	2,710	10	7.3	1,020	586	b/ 436	950	-	2.8	a/ 55
177	C. C. Coffee	90	June 15, 1944	-	-	-	-	235	6,380	4,200	-	-	-
179	Bert Levy	60+	June 16, 1944	-	-	-	-	332	120	113	-	-	a/ 495
180	-- Tyler	200+	June 15, 1944	-	-	-	-	188	2,240	2,320	-	-	-
181	R. W. Tunnell	199	do.	-	-	-	-	269	908	650	-	-	a/ 1,140
182	-- Tyler	70+	June 16, 1944	-	-	-	-	293	936	388	-	-	a/ 1,170
184	G. W. Luker	97	do.	-	-	-	-	324	130	149	-	-	a/ 502
186	N. E. Townsend	92	June 24, 1944	-	-	-	-	291	210	110	-	-	a/ 502
187	Guthrie Est.	74	Jun 26, 1944	-	-	-	-	261	130	121	-	-	a/ 518
188	G. V. Boyer	80	do.	-	-	-	-	313	170	150	-	-	a/ 525
139	King Preston	80+	June 15, 1944	-	-	-	-	201	220	201	-	-	a/ 525
190	S. R. Allen	93	do.	-	-	-	-	307	120	67	-	-	a/ 455
191	C. A. Vance	80	do.	-	-	-	-	364	331	196	-	-	a/ 495

a/ Total hardness by soap method.

b/ Sulfate determined.

c/ Nitrate less than 20 parts per million.

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- EXPLANATION—**
- WELL WITH HANDPUMP
  - ◌ WELL WITH WINDMILL OR SMALL POWER PUMP
  - ⊙ WELL WITH PUMPING PLANT 5 HORSE POWER OR LARGER
  - ⊕ TEST WELL FOR OIL OR GAS
  - ◊ UNUSED WELL
  - SPRING
  - ▣ POINT OF LAKE SAMPLE
  - FLOWING WELL

BASE COMPILED FROM  
HIGHWAY PLANNING SURVEY MAP  
AND FIELD NOTES

## MAP OF TERRY COUNTY, TEXAS

### SHOWING LOCATIONS OF WATER WELLS AND SPRING LISTED

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

