

TEXAS BOARD OF WATER ENGINEERS

C. SS. CLARK, CHAIRMAN

A. H. DUNLAP, MEMBER

J. W. PRITCHETT, MEMBER



DEWITT COUNTY, TEXAS

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

JUNE 1938

REPRINTED JULY 1950

DEWITT COUNTY, TEXAS

Introduction

by

Samuel F. Turner

Associate Hydraulic Engineer

Geological Survey

United States Department of the Interior

The purpose of this survey was to obtain information concerning existing wells and the quantity and quality of water they yield, and to put down test holes where additional information was needed.

This project was part of a statewide Works Progress Administration project known as a "Statewide Inventory of Water Wells," sponsored by the State Board of Water Engineers. The Division of Ground Water of the Geological Survey, United States Department of the Interior, cooperated in the technical direction of the project and the Bureau of Industrial Chemistry of The University of Texas furnished laboratory space and equipment and supervised the chemical analyses.

The analyses were made by chemists employed on Works Progress Administration Project 6507-5112 at Austin, Texas, sponsored by the State Board of Water Engineers. Typists employed on this project typed and assembled this release.

The field work in Dewitt County was started on April 1, 1937, and completed July 13, 1937. This work was done as Project 2081 of Administrative Field Office 10 of the Works Progress Administration, San Antonio, Texas. H. M. Mapp, an engineer, was project superintendent. Mr. Mapp should be given credit for his interest in the work and for the many extra hours he spent on the project. The San Antonio office of the Works Progress Administration made this work possible by their constant help and cooperation.

This release contains the well records and well logs obtained by the project superintendent, logs of the test holes drilled by the W.P.A. labor, and the chemical analyses of water from privately-owned wells. Locations of all wells listed are shown on the map in the back of the release.

The test wells were drilled by W.P.A. labor using a soil auger, drop auger, churn drill, and a sand bucket. Samples were collected at one-foot intervals by the well driller in charge of the party. The project superintendent studied these samples and compiled the logs.

Records of wells in Dewitt County, Texas

(All wells are drilled unless otherwise noted in "Remarks" column.)

(See "Logs of W. P. A. test wells" for all records of test wells.)

No.	Distance from Yorktown	Survey	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
2	11 miles north	Francisco Gonzales	Mrs. S.C. Debroh & Mrs. J. Newman	--	Hilltop	1890	200	5
3	9½ miles northwest	J. L. Hunter	F. Peters	--	Hillside	--	66	4½
4	9 miles north	D. Hunter	E. Alex	Ed Tietze	do.	1910	84	5
5	7½ miles north	Wm. Edgar	F. Haase	do.	Hilltop	1907	120	4¼
6	7 miles north	I. R. R. #19	C. J. Mueller	--	Hillside	1893	108	4¼
7	8½ miles northwest	F. A. Taylor	J. Huebrer	--	Hilltop	1912	75	4¼
8	9 miles northwest	I. R. R. #17	C. F. Schmidt	--	do.	1900	97	4¼
9	10 miles northwest	Francisco Gonzales	Otto Jaeger	--	do.	1925	395	4¼
10	11 miles northwest	do.	Mrs. Aug. Rabenaldt	Ed Tietze	do.	1900	110	5
11	do.	J. T. Holden	J. T. Holderman Est.	--	Foot of hill	1907	35	4¼
e/13	9½ miles northwest	H. Powell	Mrs. A. Poetter	--	--	1900	96	4¼
14	do.	W. Hunter	F. Metting	--	Hilltop	1914	130	4¼
16	8½ miles northwest	I. R. R. Co.	D. B. Blake Est.	--	Flat	1887	100	--
17	do.	S. C. Lackey	O. Sens	--	Ridge-top	--	140	4¼
e/18	10½ miles west	C. H. Gaebler	Fritz Weischill	--	Slope	1900	104	4¼
e/19	do.	Wm. L. Lytle	Mrs. G. W. Wisegraver	J. Ben nussell	--	1930	3,105	10
20	10 miles west	Jas. Nowlan	A. J. Styra	--	Hilltop	1911	252	4¼
21	11 miles west	Wm. L. Lytle	Mrs. J. L. Skorde	--	do.	1930	162	4¼
e/22	10½ miles west	do.	A. Belitz	--	do.	--	60	4¼
23	7½ miles west	C. Wagenschiem	J. C. Thieme	--	Hilltop	1900	91	4¼
24	do.	Jas. Wharton	A. R. Dworaczyk	--	Slope	1907	180	4¼
25	8 miles west	J. Butler	A. Pokluda	--	Hilltop	--	75	4¼
26	10 miles west	Rufus Wright	S. C. Butler	--	Slope	1900	45	--
27	11 miles west	Francisco Leal	C. E. Johnson	--	Hilltop	1900	69	4¼

a/ Measuring point was usually top of casing, top of pump base, or top of well curb.

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

Records obtained by H. M. Mapp, Project Superintendent
(Chemical analyses of water from these wells are in the table of analyses)

No.	Height of measuring point above ground (ft.) ^{a/}	Water level		Date of Pump measurement	Use of water	Remarks
		Depth below measuring point (ft.)	b/			
2	2.4	127.5	June 17, 1937	C,W	D,S	140 feet wrought iron casing.
3	1	42.6	do.	C,W	D,S	Concrete curb. Strong supply.
4	1.2	42.3	do.	C,w	L,S	80 feet steel casing. strong supply.
5	0.9	70.1	do.	C,W	D,S	116 feet casing.
6	--	90	d/	C,W	D,S	106 feet casing.
7	2	75	June 17, 1937	C,,	D,S	Concrete curb. never fails in drought.
8	1.4	78.7	do.	C,W	L,S	90 feet casing.
9	--	240	d/	C,W	L,S	280 feet tubing.
10	--	90	d/	C,W	L,S	110 feet casing.
11	0.5	13.6	June 17, 1937	C,W	L,S	
13	1.4	49.4	May 24, 1937	C,w	L,S	strong supply.
14	0.8	113.2	June 2, 1937	C,w	L,S	Concrete curb; 120 feet casing.
16	1.2	28.5	do.	C,w	L,S	Strong supply.
17	--	108	d/	C,W	L,S	Concrete curb; 120 feet steel casing.
18	1.4	98.1	June 8, 1937	C,W	L,S	Concrete curb. 3.65 feet drawdown after pumping about 3 gallons a minute for 1 hour.
19	--	--	--	None	N	Oil test. 310 feet steel casing. See log.
20	2	156.6	June 8, 1937	C,W	L,S	250 feet casing.
21	1	148.8	June 9, 1937	C,W	D,S	150 feet casing.
22	--	25	d/	C,W	D,S	55 feet casing.
23	0.5	33.0	June 2, 1937	C,w	D,S	strong supply.
24	2	65.5	June 8, 1937	C,w	D,S	Concrete curb. 2.4 feet drawdown after pumping about 3 gallons a minute for 6 hours.
25	2	35.3	do.	C,w	L,S	70 feet casing.
26	2	25	June 9, 1937	C,w	D,S	Lug well. Owner reports water in sand rock.
27	0.6	36.4	do.	C,W	D,S	68 feet casing.

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

d/ water level reported.

e/ No water sample collected for analysis.

Records of wells in Dewitt County--Continued

No.	Distance from Yorktown	Survey	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
28	9 miles west	A. Borchers	J. D. Helmers	--	--	1890	64	4 $\frac{1}{4}$
29	8 miles west	--	H. C. Heinze	--	Hilltop	1900	104	4 $\frac{1}{4}$
30	8 $\frac{1}{2}$ miles west	--	K. F. Lagner	Paul Goething	Slope	1936	109	4 $\frac{1}{4}$
32	5 $\frac{1}{2}$ miles west	Wm. G. Hill	E. Wiede	--	Hilltop	1900	95	4 $\frac{1}{4}$
33	do.	do.	O. Nuebert	--	Ridge-top	1895	50	4 $\frac{1}{4}$
34	4 $\frac{1}{2}$ miles northwest	Samuel B.	H. Gerhardt	--	Flat	1887	94	4 $\frac{1}{4}$
35	2 $\frac{3}{4}$ miles northwest	I. R. R. Co.	H. von Roeder	Wm. Wuench	Hilltop	1887	62	4 $\frac{1}{4}$
36	3 $\frac{3}{4}$ miles north	Jas. W. Linam	E. Wieland	-- Bednich	Flat	Old	122	--
38	1 $\frac{1}{4}$ miles north	Wm. Gant	J. E. Wolf	Paul warmuth	do.	1934	51	4 $\frac{1}{4}$
39	2 $\frac{1}{4}$ miles northeast	Jas. Wiliman	Chas. Wehe	--	Level	1914	123	4 $\frac{1}{4}$
40	3 $\frac{1}{2}$ miles northeast	Jas. Kimberling	M. Z. Woods estate	Woods Bros.	Hilltop	1900	72	4 $\frac{1}{4}$
42	1 $\frac{3}{4}$ miles northeast	do.	Mrs. Gus Kaleh	Eddie Teitze	Hillside	1900	65	4
43	1 $\frac{1}{2}$ miles south	Stephen Best	G. Zedler Estate	--	do.	1870	130	--
44	$\frac{3}{4}$ mile south	--	S. P. R. R. Co.	--	Near Creek	--	80	6
45	In Yorktown	--	John W. Ideus	--	Creek bank	--	--	3
46	do.	--	Yorktown Cotton and Oil Mfg. Co.	--	--	--	300	--
47	do.	--	City of Yorktown	Layne-Texas Co.	Flat	1929	960	8
48	1 $\frac{1}{2}$ miles west	Stephen Best	A. H. Gerhardt	--	do.	1870	60	4 $\frac{1}{4}$
49	2 miles west	do.	Edwin Gips	E. E. Tietze	Slope	1905	72	4 $\frac{1}{4}$
51	3 $\frac{1}{2}$ miles southwest	S. W. Bramly	M. G. Eckhardt	--	Hilltop	Old	40	--
52	3 miles southwest	Theo. Beekly	Mrs. A. Kelch	--	do.	Old	60	--
e/53	4 $\frac{1}{4}$ miles southwest	Caleb Wilburn	H. L. Hilgartner	C. B. Bunte Inc.	--	1934	4,107	10
55	6 $\frac{1}{2}$ miles southwest	--	J. R. Bode	--	Hilltop	1922	60	--
56	8 $\frac{1}{2}$ miles southwest	Robt. Galletty	Wm. Schneider	Frank Herr	--	1916	86	4 $\frac{1}{4}$
58	8 miles southwest	do.	C. O. Stirl	--	Gentle slope	1922	180	4 $\frac{1}{4}$

H. M. Mapp, Project Superintendent

No.	Height of measuring point above ground (ft.) _{a/}	Water level Depth below measuring point (ft.)	Date of measurement	Pump and power b/	Use of water c/	Remarks
28	--	53	d/	C,W	D,S	60 feet casing. Strong supply.
29	1.5	73.3	June 9, 1937	C,W	D,S	100 feet casing.
30	--	65	d/	C,W	D,S	Strong supply.
32	1	32.5	June 8, 1937	C,W	D,S	1.5 feet drawdown after pumping 1½ gallons a minute for 12 hours.
33	0.4	34.4	do.	C,W	D,S	40 feet casing. 2.2 feet drawdown after pumping about 2 gallons a minute for 20 hours.
34	0.8	46.9	June 2, 1937	C,W	D,S	Owner reports dug well near same location produced salty water at 55 feet.
35	0.8	45.4	do.	C,W	D,S	60 feet casing.
36	--	80	d/	C,W	D,S	Never fails in drought.
38	--	36	d/	C,G, 1½	D	do.
39	0.8	87.2	May 20, 1937	C,W	D,S	100 feet casing.
40	--	55	d/	C,W	D,S	72 feet casing. Strong supply.
42	--	--	--	C,W	D,S	Never fails in drought.
43	0.3	50.6	May 27, 1937	C,W	D,S	Dug well, 0 to 65 feet; bore well, 65 to 130 feet.
44	--	8	d/	T,E,3	Ind	Located 400 feet west of depot in Yorktown. Estimated yield, 40 gallons a minute.
45	--	Flows	Apr. 17, 1936	None	D,S	63 feet casing. Estimated flow, 10 gallons a minute. Owner reports slight decrease in reported originally flow during drought.
46	--	Flows	do.	None	D,Ind	drilled to 900 feet, plugged back to 300 feet. Estimated flow, 10 gallons a minute.
47	--	18	d/	T,E, 40	P	16-inch steel casing, 0 to 90 feet; 8-inch steel casing, 90 to 960 feet. Reported 90 feet drawdown after pumping 450 gallons a minute for 2 hours.
48	0.7	34.2	June 2, 1937	C,W	D,S	60 feet casing. Never fails in drought.
49	0.8	57.4	May 7, 1937	C,W	D,S	70 feet casing. Never fails in drought.
51	2.4	30.4	do.	C,W	L,S	Strong supply.
52	--	--	--	C,W	D,S	
53	--	--	--	None	N	Oil test. 290 feet casing. See log.
55	2	45.5	May 7, 1937	C,W	L,S	Never fails in drought.
56	1	60.5	do.	C,W	L,S	do.
58	1.2	98.0	June 1, 1937	C,W	L,S	160 feet casing.

Records of wells in Dewitt County--Continued

No.	Distance from Yorktown	Survey	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
59	10 miles southwest	Willis A. Moore	F. G. Gips	Franz Herr	Flat	1917	72	4 $\frac{1}{2}$
60	9 $\frac{1}{2}$ miles southwest	Stephen Prather	D. Mueller	do.	Gentle slope	1926	64	4 $\frac{1}{2}$
61	do.	do.	O.E.Schroeder	--	Hilltop	1906	90	4 $\frac{1}{2}$
62	8 $\frac{1}{2}$ miles southwest	do.	P. R. Oehlke	--	Ridgetop	--	120	4 $\frac{1}{2}$
63	7 $\frac{1}{2}$ miles southwest	do.	Wm. Bauman	--	do.	1904	110	4 $\frac{1}{2}$
64	8 miles southwest	do.	F. Bruns	Ed Tietze	Slope	1902	115	4 $\frac{1}{2}$
65	7 miles southwest	do.	F. Kelch	--	do.	1900	200	4 $\frac{1}{2}$
66	5 miles southwest	Henry Clark	Mrs. Helen Hudson	--	do.	1925	172	4 $\frac{1}{4}$
67	4 miles south	do.	Mrs. E. W. Grun	--	--	--	70	--
69	3 miles south	J. H. Davis	G. C. Meyer	--	Hilltop	1907	65	4 $\frac{1}{4}$
70	3 $\frac{3}{4}$ miles east	C.G.H. Woods	Mrs. W. M. Roth	A. Lemke	do.	1917	77	4 $\frac{1}{2}$
71	3 $\frac{1}{4}$ miles east	L.V.Criswell	H. Afferbach Estate	Ed Tietze	do.	1910	50	4 $\frac{1}{4}$
72	3 miles southeast	Jno.McDermott	Wm. Zorn Estate	W.N.Winch	Slope	1908	80	4
73	5 $\frac{1}{2}$ miles south	Jose Santos	G.G.Henze Estate	--	Hilltop	1910	120	4 $\frac{1}{4}$
74	6 $\frac{1}{2}$ miles south	Cyrus Donelly	Green,Houston, and Korth	--	Flat	1887	130	4 $\frac{1}{2}$
75	7 miles south	do.	H. A. Range	--	Slope	1917	100	4 $\frac{1}{4}$
76	6 miles southeast	Jas. C. Duff	E. L. Nichols	--	Hillside	1906	200	4 $\frac{1}{2}$
77	6 $\frac{1}{2}$ miles southeast	John T. Tinsley	Mrs. R. Ledwig	Woods Bros.	Ridgetop	1916	80	4 $\frac{1}{2}$
78	do.	do.	H. J. Spies	--	Hilltop	1900	48	4 $\frac{1}{4}$

No.	Distance from Guero	Survey	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
101	14 $\frac{1}{2}$ miles west	Wm.Robertson	Robt. C. Huebner	--	Hilltop	1911	63	4 $\frac{1}{2}$
102	do.	do.	A. B. Mueller	--	do.	1908	100	4 $\frac{1}{2}$
103	13 $\frac{1}{2}$ miles west	Daniel Benton	B. W. Meyer	Ed Tietze	do.	1907	84	4 $\frac{1}{2}$

a/ Measuring point was usually top of casing, top of pump base, or top of well curb.

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

H. I. Maco, Project Superintendent

No.	Height of water level		Date of measure- ment	Pump and power b/ c/	Use of water c/	remarks
	measuring point above ground (ft.)a/	Depth below measur- ing point (ft.)				
59	1.3	28.4	June 10, 1937	C,w	L,S	Concrete curb, 70 feet casing. Never fails in drought.
60	0.8	35.8	do.	C,w	L,S	60 feet casing.
61	1	33.4	do.	C,w	D,S	Concrete curb; 90 feet steel casing.
62	1.3	73.5	do.	C,w	D,S	Concrete curb. 0.35 feet drawdown after pumping 1 hour with windmill.
63	1.2	78	June 1, 1937	C,w	D,S	Concrete curb. 90 feet casing.
64	0.4	52.5	do.	C,w	D,S	100 feet casing. Owner reports original depth 200 feet.
65	--	80	d/	C,w	D,S	180 feet casing. strong supply.
66	0.6	110.0	June 1, 1937	C,w	D,S	
67	1	49.4	May 27, 1937	C,w	D,S	Dug well. Rock curb. 0.3 feet drawdown after pumping 1½ hours with windmill.
69	2	50.8	do.	C,w	D,S	
70	1	52.7	May 20, 1937	C,w	D,S	60 feet casing.
71	--	38	Apr. 21, 1937	C,w	D,S	Strong supply.
72	0.3	44.5	June 23, 1937	C,w	D,S	80 feet casing.
73	0.5	57.6	May 27, 1937	C,w	L,S	110 feet casing.
74	2	31.4	do.	C,w	D,S	120 feet casing.
75	0.4	19.5	do.	C,w	D,S	60 feet casing.
76	0.4	12	June 23, 1937	C,w	L,S	
77	1	54.1	do.	C,w	D,S	80 feet casing.
78	0.5	36	Apr. 21, 1937	C,w	L,S	

No.	Height of water level		Date of measure- ment	Pump and power b/ c/	Use of water c/	remarks
	measuring point above ground (ft.)a/	Depth below measur- ing point (ft.)				
101	0.6	50	July 6, 1937	C,w	D,S	wrought iron casing.
102	0.4	59.5	do.	C,w	D,S	100 feet casing.
103	1.2	49	do.	C,w	D,S	84 feet wrought iron casing.

c/ I, irrigation; Ind, industrial; P, public; D, domestic, S, stock; W, not used.
d/ water level reported.
e/ No water sample collected for analysis.

Records of wells in Dewitt County--Continued

No.	Distance from Cuero	Survey	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
104	11 miles west	Samuel Cox	J. L. Dubose	J.S.McCrabb	--	Old	110	--
105	11½ miles west	Henry P. Cook	A. Warcecha	--	--	1908	117	4½
106	11 miles northwest	do.	C.T.Traylor	-- Mooney	Hilltop	1898	86	4½
107	10½ miles northwest	do.	J. S. Morris	--	--	Old	120	4½
109	9 miles northwest	Philip Golden	E.J.Stollies	Oscar Gottschardt	Slope	1922	68	4½
110	10 miles northwest	Jas. Ross	F. A. Boldt	F. K. Lampert	--	1920	136	4½
111	10½ miles northwest	do.	A.C.Wilkins	Lefevre & Price	--	1935	3,011	10
112	do.	Jas. Devers	Oscar Gottschardt	--	Hilltop	1900	120	4½
113	do.	Berry W. Breeding	E. Frank	O. Gottschardt	do.	1935	108	4½
114	11 miles northwest	Jas. Devers	Weldon Stacy & -- Blake	--	do.	1906	--	--
115	13 miles northwest	Robt. Parmer	Mrs. H. Gaedke	--	do.	1900	220	4-
116	13½ miles northwest	do.	G. Schroeder	--	do.	1910	275	4½
117	14 miles northwest	Peter Pater	P.L.Gary	-- Clampit	--	1927	87	--
118	12½ miles northwest	--	Sophie Gohmart	--	Slope	Old	35	--
119	13½ miles northwest	Jas. Bird	D.E.McFarland	--	Hilltop	1922	80	4½
120	13 miles northwest	do.	W.E.Seiffert	--	Slope	1912	50	4½
122	13 miles north	Churchill Fulcher	J. F. Elder	--	Hilltop	1888	100	42
123	11 miles north	do.	Mrs. J. O. Peebles	--	do.	1937	207	4½
124	8½ miles north	John C. Hunt	Frank Mahula	--	Slope	1933	200	4½
125	7½ miles north	Chas. R. Miller	Mrs. W. D. Finney	Al Roth	--	1933	43	6
126	7 miles northwest	D. G. Mills	Mrs. J. L. Sheppard	--	Hilltop	1911	200	4½
127	8 miles north	John Waite	W. H. Lester	--	do.	Old	147	5
128	8½ miles northwest	S. Pharris	W.M. Wallace	--	--	1888	120	4½
129	do.	Benjamin W. Breeding	S. A. Card	--	--	1900	96	4½
130	do.	S. Pharras	Joe Card	--	Slope	1910	75	4½
131	7½ miles northwest	do.	Mrs. W. Knolle	--	Hilltop	Old	52	--

H. M. Mapp, Project superintendent

No.	Height of measuring point above ground (ft.) ^a / _d	water level Depth below measuring point (ft.)	Date of measurement	Pump b/	Use of water c/	Remarks
104	0.5	20.5	Apr. 23, 1937	--	D, S	
105	0.5	94.2	do.	C, W	D, S	
106	--	20	d/	C, W	D, S	80 feet casing. Strong supply.
107	--	100	d/	C, W	--	
109	--	48	c/	C, W	D, S	
110	3	65.7	May 26, 1937	C, W	D, S	wrought iron casing.
111	--	--	--	None	N	Oil test. See log.
112	0.8	81	May 26, 1937	C, W	D, S	Concrete curb.
113	2	14.2	do.	C, W	D, S	95 feet casing. Owner reports water level 2 feet below surface when windmill is shut
114	2	97.6	Apr. 27, 1937	C, W	D, S	off.
115	1.3	111	July 6, 1937	C, W	D, S	wrought iron casing.
116	--	120	d/	C, W	D, S	275 feet wrought iron casing.
117	1	29.5	Apr. 22, 1937	C, W	D, S	Irrigates small garden.
118	3	21	do.	B, H	D, S	Dug well. Wood curb.
119	2	75.0	May 26, 1937	C, W	D, S	Pumping when measured. Owner reports static level 63 feet.
120	2	32.5	do.	C, W	D, S	49 feet casing.
122	1.5	39.1	May 25, 1937	C, W	D, S	Dug well. Brick curb.
123	1	125.4	do.	C, W	D, S	200 feet casing.
124	--	150	c/	C, W	D, S	wrought iron casing.
125	2.2	39.8	May 4, 1937	C, W	D, S	
126	2	57.9	May 26, 1937	C, W	D, S	Concrete curb; 140 feet casing.
127	--	134	d/	C, W	--	Owner reports well originally drilled to 180 feet; has filled to 147 feet.
128	--	85	d/	C, W	D, S	
129	0.8	82.6	May 26, 1937	C, W	D, S	
130	2	35.6	do.	C, W	D, S	
131	--	20	d/	C, W	D, S	Dug well.

Records of wells in Dewitt County--Continued

No.	Distance from Cuero	Survey	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
132	6 miles northwest	I. R. R. Co.	F. W. Schlinke	---	Hilltop	Old	140	4 $\frac{1}{2}$
134	7 miles west	Ulysses Ward	A. Kahlick	--	--	--	46	4 $\frac{1}{2}$
135	8 miles northwest	Wm. Curtis	Wm. Knocke	--	Ridge	Old	120	4 $\frac{1}{2}$
136	11 miles west	E. G. Cropper	Mrs. F. Gaida, Sr.	--	--	Old	150	4 $\frac{1}{4}$
137	12 miles west	Ind. R. R. Co.	Frank Metting	--	--	Old	80	3
138	17 miles west	Ben Harral	F. A. Brown	---	---	1937	142	4 $\frac{1}{2}$
139	10 $\frac{1}{2}$ miles west	S. T. Callihan	B. F. Able	--	--	1930	90	4 $\frac{1}{2}$
140	11 miles west	do.	Mrs. T. Metting	--	--	1887	50	4 $\frac{1}{4}$
141	9 miles southwest	do.	F. A. Broll	Wood Bros.	Hilltop	1913	75	3
142	8 $\frac{1}{2}$ miles west	do.	E. D. Wagner	--	Hillside	Old	--	--
143	7 $\frac{1}{2}$ miles west	Jas. Foster	J. H. Wood, Jr.	--	Flat	--	115	4 $\frac{1}{4}$
144	7 miles southwest	Jas. Keller	W. A. Blackwell	--	--	--	70	4
146	6 miles southwest	do.	Clifton Weber	--	--	--	100	4
148	4 $\frac{1}{2}$ miles west	W. W. Arrington	Friedrich Hoehne	Friedrich Hoehne	--	1890	85	3
149	5 miles west	Jas. Keller	Chas. Schlinke	--	--	--	120	4
152	4 miles west	-- Lindenau	C. A. Schlinke	-- Klempit	Hilltop	1928	585	4 $\frac{1}{2}$
154	3 miles west	W. Lockhart	Gus Goehring	-- Clampard	do.	1915	171	5
155	3 $\frac{3}{4}$ miles west	W. W. Arrington	Willie Lester	--	--	--	54	5
156	3 $\frac{1}{2}$ miles southwest	do.	Max Turk	--	Hilltop	--	85	4
157	do.	do.	E. P. Demmer	Ed Tietz	--	--	171	4
158	1 $\frac{3}{4}$ miles west	Samuel Williams	Chas. Lenz	--	--	1914	60	3
159	1 $\frac{1}{2}$ miles west	--	E. A. Tully	Ferry Johnson	--	1913	26	72
162	In Cuero	--	-- Power & Light Co.	--	--	--	28	48
163	do.	--	do.	Albert Roth	Flat	1935	62	5 $\frac{1}{2}$
164	do.	Samuel Williams	City of Cuero	--	--	--	1,173	--

H. M. Maop, Project Superintendent

No.	Height of measuring point above ground (ft.) ^{a/}	Water level		Pump and power b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
132	2.1	96.5	Apr. 30, 1937	C, w	D, S	
134	2.8	30.3	Apr. 22, 1937	C, w	D, S	40 feet casing.
135	1.5	105	d/	C, w	D, S	44-inch casing.
136	1.1	33.9	Apr. 23, 1937	C, w	D, S	
137	1	25.5	do.	C, w	D, S	3-inch casing.
138	2	115.6	May 20, 1937	C, G, L ₂	D, S	
139	--	70	d/	C, w	D, S	80 feet casing.
140	0	48	May 20, 1937	C, w	D, S	40 feet casing.
141	1	38.7	Apr. 17, 1937	C, w	D, S	75 feet wrought iron casing.
142	--	--	--	C, w	D, S	Strong supply.
143	2	95.9	May 20, 1937	C, w	D, S	100 feet wrought iron casing.
144	--	40	d/	C, w	S	70 feet wrought iron casing.
146	--	60	d/	C, w	S	100 feet casing.
148	--	77	d/	C, G, 5	D, S	85 feet wrought iron casing. Owner reports sand rock, 82 to 85 feet.
149	--	98	d/	C, w	D, S	100 feet wrought iron casing.
152	--	45	d/	C, w	D, S	Owner reports supplies 200 head of cattle.
154	--	70	d/	C, w	D, S	171 feet wrought iron casing.
155	--	44	d/	C, w	D, S	54 feet wrought iron casing.
156	--	82	d/	C, w	D, S, I	85 feet wrought iron casing.
157	--	111	d/	C, w	D, S	Owner reports seep at 20 feet, water at 70 feet.
158	--	40	d/	C, w	D, S	60 feet wrought iron casing.
159	1	19.5	Apr. 17, 1936	C, w, G, 3	S, I	Lug well. Concrete curb; 20 feet cement casing at top; 5 feet brick casing at bottom. Reported 3 feet drawdown after pumping about
162	--	18.1	Apr. 15, 1936	T, E, 5	Ind	Lug well. 150 gallons a minute for $\frac{1}{2}$ hour. Brick casing. Located at Ice Plant in Juero. Estimated yield, 200 gallons a minute.
163	--	22	d/	C, E, 5	Ind	62 feet casing and screen. Located at Ice Plant in Juero.
164	--	--	--	--	--	Located on south side of railway in Juero. City well No. 5. See log.

Records of wells in Dewitt County--Continued

No.	Distance from Cuero	Survey	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
165	In Cuero	Samuel Williams	City of Cuero	C. G. Witte	--	1918	1,160	8
166	do.	do.	do.	--	--	--	1,165	--
168	3 $\frac{3}{4}$ miles north	Samuel Lockhart	E. Blackwell	--	--	1887	70	--
169	4 $\frac{1}{4}$ miles north	do.	Ed. DeLeon	--	--	Old	60	--
171	5 miles north	do.	Mrs. E. Moore	--	--	Old	68	--
172	do.	Geo. W. Davie	J. H. Blank	--	--	1923	45	--
174	6 miles northeast	do.	E. L. Pruetz	--	Slope	1935	68	4
175	3 $\frac{3}{4}$ miles northeast	D. J. Bibb	Mrs. L. Burns	--	Hilltop	Old	80	4 $\frac{1}{2}$
176	3 miles north	J. J. Tumlinson	J. M. Johnson	--	--	Old	108	4 $\frac{1}{4}$
178	3 miles northeast	Wm. Morrison	S. E. Caraway	--	--	1920	78	4 $\frac{1}{2}$
179	1 $\frac{3}{4}$ miles east	Hezebeth Taylor	S. P. R.R. Co.	-- Clampit	--	1900	1,000	4
180	1 $\frac{1}{2}$ miles east	do.	City of Cuero & W. P. A. Park	Layne-Texas Co.	Flat	1936	1,353	--
181	2 $\frac{3}{4}$ miles east	do.	Mrs. E. Miller	--	Slope	Old	46	--
182	4 miles east	do.	A. Koenig	--	do.	1910	56	4 $\frac{1}{2}$
183	5 miles east	Squire Burns	L. W. Hanson	--	--	Old	70	4
185	4 $\frac{3}{4}$ miles east	do.	C. J. Weber	--	Flat	Old	45	--
186	6 $\frac{1}{2}$ miles east	John Danley	Alfred Friar	--	Hilltop	--	60	4 $\frac{1}{2}$
187	7 miles southeast	Arthur Burns	F. E. Neel	--	--	Old	65	--
189	8 $\frac{1}{2}$ miles southeast	Chas. Lockhart	W. I. Anderson	--	Hilltop	1893	56	--
190	9 $\frac{1}{2}$ miles southeast	do.	W. B. Callihan	--	--	1930	62	4 $\frac{1}{2}$
191	do.	do.	W. E. Conwell	--	--	1925	--	4 $\frac{1}{2}$
193	11 miles southeast	Refugio Amador	J. S. McCrabb	J. A. McDonald	Slope	1910	59	4 $\frac{1}{4}$
194	11 $\frac{1}{2}$ miles southeast	do.	R. E. Clegg	--	do.	1900	64	4 $\frac{1}{2}$
195	10 $\frac{1}{2}$ miles southeast	Miguel Ortiz	A. Hartman	--	Hilltop	1900	120	4 $\frac{1}{2}$
196	do.	do.	W. J. Lau	--	do.	1900	135	4 $\frac{1}{2}$

H. M. Mapp, Project Superintendent

No.	Height of water level		Date of measurement	Pump and power	Use of water	Remarks
	measuring point above ground (ft.) <u>a/</u>	Depth below measuring point (ft.)				
165	--	Flows	<u>d/</u>	None	P	Located on south side of railway, in Juero. Water sands reported, 1102 to 1160 feet, 1074 to 1080 feet. City well No. 4. See log.
166	--	--	--	--	--	Located on south side of railway in Juero. City well No. 3. See log.
168	2.1	31.5	May 4, 1937	C,W	D,S	Lug well. Wood curb; no casing.
169	2.6	42	Apr. 29, 1937	C,H	L,S	Never fails in drought.
171	0	29.8	Apr. 27, 1937	C,w	D,S	do.
172	3.5	36	May 4, 1937	C,w	D,S	Lug well. Never fails in drought.
174	1	53.2	May 6, 1937	B,h	L,S	Never fails in drought.
175	--	--	--	C,w	D,S	70 feet casing.
176	0.4	43.1	Apr. 29, 1937	C,w	L,S	
178	1	62.8	May 18, 1937	C,h	D,S	70 feet casing.
179	--	Flows	Apr. 3, 1936	None	--	Estimated flow, 10 gallons a minute, temperature 78° F.
180	--	Flows	Mar. 28, 1936	None	--	Estimated flow, 65 to 75 gallons a minute. reported 20 feet drawdown after pumping 350 gallons a minute by air lift for 5 hours.
181	--	40	<u>d/</u>	C,w	D,S	Never fails in drought. <u>supplies swimming pool.</u>
182	1.1	31.0	May 5, 1937	C,w	L,S	do.
183	0.9	30.6	May 3, 1937	C,w	L,S	do.
185	--	--	--	C,w	L,S	do.
186	2.5	47.1	May 5, 1937	C,w	D,S	do.
187	0.3	4.5	May 3, 1937	C,w	L,S	Lug well. never fails in drought.
189	2.8	52.9	May 15, 1937	C,w	L,S	do.
190	--	30	<u>d/</u>	C,w	D,S	
191	0.9	47.7	May 15, 1937	C,w	D,S	60 feet casing.
193	1.5	50.7	do.	C,w	D,S	Never fails in drought.
194	--	48.2	<u>d/</u>	C,w	L,S	do.
195	2.4	94.5	May 3, 1937	C,w	D,S	do.
196	0.5	97.1	June 22, 1937	C,w	D,S	Concrete curb; 100 feet wrought iron casing.

Records of wells in Dewitt County--Continued

No.	Distance from Cuero	Survey	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
197	10 miles southeast	James Quinn	E. L. Zengerle	--	Flat	1922	110	--
199	8 miles south	do.	A. C. Hartman	--	--	Old	126	4 $\frac{1}{4}$
200	6 $\frac{1}{2}$ miles southeast	Green DeWitt	Albert Rath	Ringler Bros.	--	1936	85	4 $\frac{1}{2}$
201	6 miles south	Chas. Amsler	Mrs. F. Koenig	--	--	Old	75	4 $\frac{1}{2}$
202	do.	do.	J. Hiller	--	Hilltop	Old	110	4
203	5 miles southeast	Wm. Kukendall	Mrs. W. Mueller	--	Slope	Old	106	4 $\frac{1}{2}$
204	4 $\frac{1}{2}$ miles southeast	Chas. Amsler	Mrs. Wm. Albright	--	--	Old	117	4 $\frac{1}{2}$
205	3 $\frac{1}{2}$ miles southeast	Wm. Deardoff	Mamie Heard	--	--	Old	--	4 $\frac{1}{2}$
206	1 $\frac{3}{4}$ miles southeast	Jas. Tumlinson	Wm. Hasdorff	Capt. Mayo	Flat	1902	1,456	6
207	2 $\frac{1}{2}$ miles southwest	R. H. Chisholm	Mrs. Lewis Hines	--	--	Old	40	--
208	do.	do.	C. M. Robertson	--	--	--	38	36
209	4 $\frac{1}{4}$ miles southwest	do.	Thos. Cook	--	--	1910	97	4 $\frac{1}{2}$
211	4 miles south	Jno. Nelson	L. Friar	--	Flat	Old	82	--
212	4 $\frac{3}{4}$ miles south	do.	M. Schley	--	--	1884	62	4 $\frac{1}{2}$
213	4 $\frac{1}{2}$ miles southwest	Otto Von Roeder	Lebrecht Pieper	--	--	Old	96	--
214	6 $\frac{1}{2}$ miles southwest	do.	Ad. Boldt Estate	--	Slope	Old	60	4 $\frac{1}{4}$
215	9 miles southwest	do.	Hugo Gohlke	--	Hillside	--	56	--
216	8 miles southwest	do.	D. H. Murry	--	do.	1900	40	4 $\frac{1}{2}$
217	do.	Young Carruthers	E. T. Rabke	--	Slope	1895	30	--
218	7 $\frac{1}{2}$ miles southwest	do.	Steve Zilonka	--	--	1922	65	4 $\frac{3}{4}$
220	6 $\frac{1}{2}$ miles southwest	G. W. Brooks	Wm. Holzopfel	Cuero Oil & Gas Co.	--	1925	3,447	6-5/8
221	do.	do.	H. Luentzel	--	Slope	Old	33	4
223	7 $\frac{1}{2}$ miles southwest	do.	Gus Pflug	--	--	Old	65	--
224	10 miles southwest	David Oaks	O. Gerbert	--	Hillside	1903	--	4 $\frac{1}{2}$
225	10 $\frac{1}{2}$ miles southwest	do.	Louis Sievers	--	do.	1890	81	4 $\frac{1}{2}$
226	11 miles southwest	Jas. Kelly	R. T. Brown	Ed Tietze	do.	1924	75	4 $\frac{1}{2}$

H. M. Mapp, Project Superintendent

No.	Height of measuring point above ground (ft., a/)	water level		Pump and power b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	late of measurement			
197	3	89.8	May 3, 1937	C, W	D, S, I	
199	4 $\frac{1}{4}$	106	do.	C, W	D, S	
200	2	64.1	Apr. 25, 1937	C, W	D, S	
201	--	61	d/	C, W	D, S	Lug well, 0 to 50 feet; bored well, 50 to 75 feet.
202	--	106	d/	C, W	D, S	
203	1.5	92.0	May 5, 1937	C, W	D, S	
204	--	107	d/	C, W	D, S	60 feet casing. tenant reports 2 water sands.
205	1	57.0	May 5, 1937	C, W	D, S	
206	--	Flows	Apr. 15, 1936	None	N	Oil test. water sand reported, 434 feet; flowing water reported 456 feet.
207	3.5	27.2	Mar. 24, 1937	C, W	D, S	Dug well. Never fails in drought.
208	0	35.5	Mar. 23, 1936	C, W	D, S	Lug well. Rock casing. Never fails in drought.
209	1.6	60.0	May 4, 1937	C, W	D, S	
211	1.4	61.8	May 3, 1937	C, H	D, S	
212	--	22	d/	C, W	--	
213	--	35	d/	C, W	D, S	
214	2	39.3	May 4, 1937	C, W	D, S	strong supply.
215	--	37.4	May 20, 1937	C, W	L, S	
216	2	29.5	do.	C, W	D, S	Never fails in drought.
217	2	26.2	June 23, 1937	C, W	D, S	Lug well. Concrete curb.
218	3	42.0	Apr. 24, 1937	C, H	L, S	60 feet casing.
220	--	--	--	None	N	Oil test. 80 feet 1 $\frac{1}{4}$ -inch steel casing. 2,572 feet 6 $\frac{5}{8}$ -inch steel casing. See log.
221	--	28	d/	C, W	L, S	Never fails in drought.
223	0.8	49.5	Apr. 24, 1937	C, W	D, S	Lug well. Never fails in drought.
224	--	--	--	C, W	L, S	
225	2	63.4	June 23, 1937	C, W	L, S	
226	1.6	56.7	do.	C, W	D, S	concrete curb; 74 feet casing.

Records of wells in Dewitt County -- Continued

No.	Distance from Cuero	Survey	Owner	Driller	Topo-graphic situa-tion	Date com-ple-ted	Depth of well (ft.)	Diam-eter of well (in.)
227	7 miles south	Wade H. Robinet	Frank Eichhorn	--	--	--	70	--
228	do.	Chas. Frambert	C. A. Knocke	--	--	Old	62	4 $\frac{1}{2}$
229	8 miles south	Jas. A. York	C. A. H. Sager	--	Slope	Old	110	4 $\frac{1}{4}$
230	9 $\frac{1}{2}$ miles south	Luke M. Mason	A. Buehrig	--McGlothian	--	1924	92	4 $\frac{1}{2}$
231	11 miles south	Jas. Duff	N. M. Crane	--	Flat	Old	80	4 $\frac{1}{2}$
233	12 $\frac{1}{2}$ miles south	N. J. Ryan	Al Duderstadt	--	Slope	--	105	4 $\frac{1}{2}$
234	13 $\frac{1}{2}$ miles south	Jas. S. Turner	B. G. Wendel	--	Flat	1916	68	3 $\frac{1}{2}$
235	12 $\frac{1}{2}$ miles south	P. Quinn	A. Doehrman	--	do.	1905	70	4 $\frac{1}{2}$
236	12 miles south	John F. Pettus	Fred Wendel	J. Pietzik	Slope	1914	75	4 $\frac{1}{2}$
237	do.	Luke M. Mason	O. Addick	--	--	1917	73	3
238	11 miles south	do.	W. A. Diebel	--	Slope	1907	40	4 $\frac{1}{4}$
239	10 miles south	do.	E. O. Wendle	--	--	Old	79	3
	Distance from Yoakum							
301	12 $\frac{1}{2}$ miles west	Daniel Davis	O. Bressels	--	Hilltop	1937	138	4 $\frac{1}{2}$
302	do.	do.	C. L. Crawford	--	--	Old	50	--
303	12 miles west	do.	W. Davis	Will Riggs	Slope	1917	98	4 $\frac{1}{2}$
304	11 miles west	do.	Philip Weigelt	--	Hilltop	1900	50	4
305	10 miles west	Simon Bateman	A. Steen	-- Wilson	Slope	1916	132	4
307	8 $\frac{1}{2}$ miles west	M. Baker	S. B. Cunningham	--	--	1900	80	--
308	8 miles northwest	Wm. D. Sanders	Wm. Bruns	A. Schuemacher	Hill-side	1929	124	4 $\frac{1}{2}$
309	6 $\frac{1}{2}$ miles northwest	Chas. Hardwick	Mrs. H. Mienke	--	--	1925	40	--
310	5 $\frac{1}{2}$ miles northwest	E. Caples	Carl Reidel	--	--	1900	110	4 $\frac{1}{2}$
311	5 miles northwest	N. B. Johnson	Mrs. A. G. Boenig	--	Hilltop	1925	128	4 $\frac{1}{2}$

Measuring point was usually top of casing, top of pump base, or top of well curb.
 T, turbine; C, cylinder; B, bucket; E, electric; G, gasoline engine; W, windmill;
 H, hand; number indicates horsepower.

H. M. Mapp, Project Superintendent

No.	Height of measuring point above ground (ft.) ^{a/}	water level		Pump and power b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
227	0.5	56	Apr. 24, 1937	C, w	L, S	
228	1.8	58.7	May 25, 1937	C, w	D, S	
229	1.1	90.0	Apr. 25, 1937	C, w	D, S	
230	2	71.5	Apr. 21, 1937	C, w	L, S	
231	2.3	60.1	do.	C, w	L, S	
233	--	37	d/	C, w	D, S	80 feet wrought iron casing.
234	2	44.7	June 22, 1937	C, w	L, S	68 feet casing.
235	0.1	41.7	do.	C, w	D, S	
236	2.2	60.7	do.	C, w	L, S	Concrete curb; 74 feet wrought iron casing.
237	--	53	d/	C, w	D, S	Never fails in drought.
238	0.8	21.0	June 22, 1937	C, w	L, S	Concrete curb; 40 feet wrought iron casing.
239	4	59.5	Apr. 25, 1937	C, w	D, S	
301	2	48.0	Apr. 25, 1937	C, w	D, S	
302	1.2	46.0	Apr. 29, 1937	B, H	D	weak supply.
303	1.3	19.2	May 25, 1937	C, w	L, S	tile curb; 90 feet casing.
304	1.5	18.0	Apr. 29, 1937	C, w	L, S	Never fails in drought.
305	--	Flows	do.	None	S, Ind	Estimated flow, 4 gallons a minute.
307	3	58.5	May 17, 1937	C, w	D, S	Dug well. Concrete curb.
308	--	84	do.	C, w	D, S	
309	1.2	8.7	do.	C, w	L, S	Dug well. Brick curb. Never fails in drought.
310	--	40	d/	C, w	L, S	
311	1.4	40.6	May 17, 1937	C, w	L, S	

z/ I, Irrigation; Ind, industrial; P, public; D, domestic; S, stock; w, not used.
d/ water level reported.
e/ No water sample collected for analysis.

Records of wells in Dewitt County -- Continued

No.	Distance from Yoakum	Survey	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
312	6 miles northwest	N.B.Johnson	V.Jiral Estate	--	--	--	100	4 $\frac{1}{4}$
313	7 miles northwest	S.A.& M.G. Ry.	Mrs. J.D.Gray	--	---	1900	110	4 $\frac{1}{4}$
314	7 miles west	do.	Mrs. Emma Kloesel	--	--	1900	56	--
315	7 $\frac{1}{2}$ miles west	Rezin Sinclair	H. Schawbe	--	--	1887	30	--
317	9 miles west	Jos. D. Clements	-- Bennett Estate	--	--	Old	--	--
318	do.	do.	W. J. Allen	Albert Roth	Hilltop	1922	50	4 $\frac{1}{4}$
319	6 miles west	Jas.E.King	A. Bacherman Estate	--	do.	1887	100	--
320	4 $\frac{1}{4}$ miles northwest	Thos.J.Adams	Aug. Eilers	--	Slope	1900	65	4 $\frac{1}{4}$
321	3 miles northwest	do.	J. H. Dagg	-- Gipner	Hilltop	1925	135	4 $\frac{1}{4}$
322	1 $\frac{3}{4}$ miles northwest	C.Fitzgerald	F.A.Schuabel	T. W. Cole	--	--	--	--
323	3 $\frac{1}{2}$ miles west	Stephen R. Roberts	Mary Kerpec	--	--	1900	98	3
324	6 miles west	do.	J. W. Boethe	--	--	1900	94	4 $\frac{1}{2}$
325	9 miles west	John McCoy	E. A. Moore	--	Hilltop	1887	62	4 $\frac{1}{4}$
326	8 $\frac{1}{2}$ miles southwest	Hannah Clark	Hy. Frels	--	--	1916	130	4 $\frac{1}{4}$
327	9 $\frac{1}{2}$ miles southwest	K.W.Barton	W.W.McCormick & Sons	--	Flat	Old	55	--
328	10 $\frac{1}{2}$ miles southwest	do.	Mrs.T.W.Parks	--	--	Old	45	--
329	9 miles southwest	do.	Mrs.M.Kirchott	--	--	1912	--	--
330	7 miles southwest	Jos.H.Woods	Lydia Mahler	--	--	1915	54	4 $\frac{1}{4}$
331	6 miles west	do.	J. Targac	--	--	1925	30	--
332	5 miles west	do.	C.J.Neely	-- Schumacher	--	1929	156	4 $\frac{1}{4}$
333	3 $\frac{1}{2}$ miles west	Wm. Fream	H. Petering	--	--	1900	100	4 $\frac{1}{4}$
334	1 $\frac{1}{4}$ miles southwest	--	City of Yoakum	-- Johnson	--	1932	105	10
335	do.	--	do.	--	--	1927	175	10
336	do.	--	do.	--	--	1927	175	10

H. M. Mapp, Project Superintendent

No.	Height of measuring point above ground (ft.) <u>a/</u>	Water level		Pump and power <u>b/</u>	Use of water <u>c/</u>	Remarks
		Depth below measuring point (ft.)	Date of measurement			
312	1.2	58.6	May 17, 1937	C,w	D,S	
313	1.5	79.1	do.	C,w	D,S	file curb; 107 feet casing.
314	1.5	38.3	do.	C, .	D,S	Dug well. Stone curb. Never fails in drought.
315	2.8	20.1	May 14, 1937	C,w	D,S	Dug well. Brick curb.
317	2.2	39.1	Apr. 29, 1937	C,w	D,S	Dug well.
318	0.4	27.5	Ma. 14, 1937	C,w	D,S	40 feet casing.
319	0.3	65.9	do.	C,w	D,S	
320	2.4	11.1	May 17, 1937	--	D,S	
321	--	70	<u>d/</u>	C,w	D,S	
322	--	30	<u>d/</u>	None	N	Incompleted oil test. Driller reports water sands, 805 to 823 feet, 825 to 855 feet; limestone, 823 to 825 feet. reported altitude, 280 feet. Located in Lavaca County.
323	1.2	81.6	May 17, 1937	C, .	D,S	
324	--	74	<u>d/</u>	C, .	D,S	80 feet casing.
325	1.2	46.7	May 14, 1937	C, .	S	Never fails in drought.
326	--	--	--	C,w	D,S	do.
327	3	35.6	Apr. 29, 1937	C, .	D,S	Dug well.
328	3.1	34.7	Apr. 27, 1937	C, .	D,S	Dug well. Never fails in drought.
329	3.2	31.6	May 1, 1837	B,H	D,S	Dug well.
330	0.5	35.2	do.	C, .	D,S	Never fails in drought.
331	1.2	19.4	May 17, 1937	C, .	D,S	do.
332	--	78	<u>d/</u>	C,w	D,S	150 feet casing.
333	--	80	<u>d/</u>	C,w	D,S	
334	--	25	<u>d/</u>	T, E, 10	P, S, Ina	60 feet 20-inch wrought iron casing at top. 10-inch wrought iron casing, 0 to 105 feet. City well No. 1. water and sand reported, 60
335	--	25	<u>d/</u>	T, E, 7½	P, S	175 feet wrought iron casing with to 105 feet. screen. reported yield, 150 gallons a minute.
336	7.7	25.5	May 12, 1937	T, S, 15	P, S	175 feet wrought iron City well no. 2. casing with screen. measured drawdown, 26.5 feet after pumping 175 gallons a minute for 2 hours. City well no.3.

Records of wells in Dewitt County -- Continued

No.	Distance from Yoakum	Survey	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
337	1½ miles southwest	J. May	S.P. R.R. Co.	-- Jackson	Creek bottoms	--	84	15
338	1¾ miles southwest	Wm. Fream	do.	Layne-Texas	do.	--	63	24
339	3 miles southwest	Abraham Dillard	William Toland	McNeill & Matthews	--	1927	800	--
340	3¾ miles southwest	do.	A. Wendel	--	--	1920	98	4
341	5 miles southwest	Wm. Smithers	W. A. Carnes	--	--	Old	80	--
343	5½ miles southwest	Wm. Smith	G. W. Heller	--	Flat	1898	95	4½
344	6½ miles southwest	Robt. Merritt	A.M. Hennessy	--	--	1933	125	4½
345	7½ miles southwest	Isham G. Belcher	W. B. White	--	Hilltop	1922	126	4½
346	8 miles southwest	do.	S.P. R.R. Co.	--	--	--	115	4½
347	11½ miles southwest	Nicholas McNutt	Dewitt County Poor Farm	--	Slope	--	100	4½
348	9½ miles southwest	do.	R.W. Blackwell	--	Hilltop	1887	165	4½
349	9½ miles south	Abednego Bidy	S. Sanders	--	Slope	1919	87	4½
350	9 miles south	do.	S. Adams	E. Prietz	Hilltop	1911	126	4½
351	7 miles south	Rudolph Lehmkul	C. A. Kaiser	--	do.	1911	118	4½
352	6 miles south	John Donaho	Mrs. A. Wysata	--	--	--	87	3½
353	4½ miles south	Francis J. Trippard	E. E. Placke	A. Roth	Slope	1934	72	4½
354	3½ miles south	James May	O. H. Leist	--	--	1923	59	4½
355	5 miles south	Winfield Alford	W.C. Steinmann	-- Preist	--	1917	80	2½
356	7 miles southeast	do.	Chas. Kuester	--	--	1896	30	4½
357	8 miles south	Jas. Ware	John Ridgeway	John Ridgeway	--	--	49	8
358	10 miles south	James G. Swisher	H. M. Means	--	--	--	117	4
359	do.	do.	do.	--	--	--	106	4
360	10½ miles south	John Graham	S.C. Parker	--	--	1900	107	4½
361	13½ miles south	W.J. Parker	Mrs. W. J. Parker	--	Prairie	--	90	48
362	12 miles south	Berry Doolittle	Jno. Macha	Sid Woods	--	1919	81	4½
363	11 miles south	Jas. G. Swisher	F. J. Chalupka, Jr.	L. G. Wade	Slope	1900	90	4½

H. M. Mapp, Project Superintendent

No.	Height of measuring point above ground (ft.) _{a/}	Water level		Pump and power b/	Use of water c/	Remarks
		Depth below measuring point (ft.)	Date of measurement			
337	--	16	<u>d/</u>	T, E, 10	Ind	84 feet wrought iron casing. Reported yield, 150 gallons a minute. Jo. well 1.
338	--	16	<u>d/</u>	T, E, 10	Ind	63 feet wrought iron casing and screen. Reported 30 to 35 feet drawdown after pumping about 325 gallons a minute for 2 hours.
339	--	--	--	None	N	Oil test. See log.
340	0.5	61.5	May 6, 1937	C, w	L, S	
341	3.8	53.4	do.	C, w	D, S	Lug well. Never tails in drought.
343	1	43.5	June 18, 1937	C, w	L, S	Concrete curb; 70 feet casing. Measured 2.6 feet drawdown after pumping 3 gallons a minute for 1 hour.
344	1.9	101.5	May 1, 1937	C, H	L, S	Weak supply.
345	0.5	119.6	May 18, 1937	C, w	D	Concrete curb.
346	--	90	<u>d/</u>	C, H	D, S, Ind	115 feet wrought iron casing.
347	0.8	87.5	May 18, 1937	C, w	D	
348	3	91.7	do.	C, w	D, S	
349	1.6	81.0	June 18, 1937	C, w	L, S	80 feet casing.
350	1.1	102.6	do.	C, w	L, S	124 feet casing.
351	1.4	44.4	do.	C, w	L, S	Concrete curb 118 feet casing. Measured 1 foot drawdown after pumping 3.5 gallons a minute for 6 hours.
352	--	80	<u>d/</u>	C, w	L, S	87 feet 3½-inch wrought iron casing.
353	2	42	June 18, 1937	C, w	L, S	70 feet casing.
354	--	34	<u>d/</u>	C, w	L, S, I	59 feet wrought iron casing. Owner reports quicksand, 30 to 59 feet.
355	--	60	<u>d/</u>	C, w	L, S	80 feet 2½-inch tubing. Owner reports first water at 35 feet.
356	--	55	<u>d/</u>	C, w	L, S	90 feet casing. Owner reports first water at 60 feet. Weak supply.
357	--	45	<u>d/</u>	C, H	L, S	49 feet 8-inch tile casing. Owner reports quicksand, 43 to 49 feet.
358	--	67	<u>d/</u>	C, w	L, S	117 feet wrought iron casing.
359	--	20	<u>d/</u>	C, w	L, S	106 feet wrought iron casing.
360	--	97	<u>d/</u>	C, w	L, S	80 feet casing.
361	--	85	<u>c/</u>	C, W	L, S	Dug well. Brick curb, 0 to 60 feet; bored well, 60 to 90 feet. Weak supply.
362	1.5	67.6	May 18, 1937	C, w	L, S	80 feet casing.
363	1	72.7	do.	C, w	--	Owner reports supplied drilling rigs in 1923. Strong supply.

Records of wells in Dewitt County -- Continued

No.	Distance from Yoakum	Survey	Owner	Driller	Topographic situation	Date completed	Depth of well (ft.)	Diameter of well (in.)
364	10 $\frac{1}{2}$ miles e/south	Jas. G. Swisher	J. Chalupka	L. G. Wade	--	1924	2,124	--
365	9 $\frac{1}{2}$ miles south	Lavina Dunbar	D. R. Carroll	--	--	1906	61	4
366	9 $\frac{1}{2}$ miles southeast	do.	Mrs. S. L. Edwards	J. Moffatt	Hilltop	1900	70	3 $\frac{1}{2}$
367	9 miles southeast	do.	T. Rice	Albert Roth	--	1936	112	4
368	11 $\frac{1}{2}$ miles southeast	Jno. R. Foster	J. F. Garrett	--	Ridge-top	1900	80	--
369	12 $\frac{1}{4}$ miles southeast	Henry Chamberlain	D. F. Werland	Will Darst	Hilltop	1917	60	4 $\frac{1}{4}$
370	13 $\frac{1}{8}$ miles southeast	Jas. A. Moody	H. S. Hollan	--	Hillside	1917	80	4 $\frac{1}{4}$
371	14 miles southeast	do.	V. A. Cooper	-- Roth	Gentle slope	1928	132	--
372	15 miles southeast	C. Monod	Roy Thompson	--	do.	1937	104	6
373	15 $\frac{1}{8}$ miles southeast	C. Longario	Ward Stephens	--	Flat	1900	74	--
374	16 miles southeast	Nicholas Peck	S. G. Stevens	--	do.	1920	77	--
375	16 $\frac{1}{2}$ miles southeast	do.	F. Nickol Estate	--	Hilltop	1917	62	4
376	16 miles southeast	Jesse Buson	Ebb. Garrett	Branch & Fudge	Slope	1915	77	4 $\frac{1}{4}$
377	17 miles southeast	Robt. Burns	C. Rosenfelder	--	Flat	1900	65	4
379	16 miles e/south	T. & N. O. Ry. Co.	Wm. Buehrig	Sunray Oil Co.	--	1935	4,015	10
380	17 miles south	A. Dixon	C. H. Kuester	--	--	Old	90	4 $\frac{1}{2}$
381	19 miles south	S. A. & M. G. Ry. Co.	F. M. Sager	L. Afflerback	Flat	1907	80	4 $\frac{1}{2}$
383	18 $\frac{1}{2}$ miles south	A. J. Bushy	A. D. Bailek	--	--	1890	92	3

a/ Measuring point was usually top of casing, top of pump base, or top of well curb.

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

H. M. Mapp, Project Superintendent

No.	Height of measuring point above ground (ft.) _{a/}	Water level Depth below measuring point (ft.)	Date of measurement	Pump and power	Use of water	Remarks
				b/	c/	
364	--	--	--	None	N	Oil test. 150 feet steel casing. See log.
365	--	55	d/	C, W	D, S	61 feet wrought iron casing.
366	0.1	4.9	June 24, 1937	C, W	D, S	70 feet casing.
367	--	59	d/	C, H	D, S	4-inch wrought iron casing, 0 to 78 feet; 3-inch wrought iron casing, 78 to 112 feet. Owner reports sand rock, 109 to 112 feet.
368	0	33.3	June 24, 1937	C, W	D, S	Measured 0.2 feet drawdown after pumping 3 gallons a minute for 6 hours.
369	0.2	38.0	do.	C, W	L, S	60 feet casing.
370	1.4	65.8	do.	C, W	D, S	Concrete curb; 80 feet casing. Never fails in drought.
371	0	50.6	do.	C, H	D, S	
372	1	49.8	do.	C, W	L, S	103 feet casing.
373	1.8	37.8	do.	C, W	L, S	concrete curb.
374	0.7	40.1	do.	C, W	D, S	never fails in drought.
375	--	30	d/	C, W	D, S	60 feet casing.
376	0.4	37.9	June 24, 1937	C, W	L, S	Strong supply.
377	0.4	45.0	June 16, 1937	C, W	D, S	60 feet wrought iron casing.
379	--	--	--	None	N	Oil test. 103 feet 10-inch steel casing. See log.
380	--	85	d/	C, W	S	
381	1.2	59.8	June 16, 1937	C, W	S	60 feet wrought iron casing.
383	--	78	d/	C, W	D, S	90 feet casing.

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

d/ water level reported.

e/ no water sample collected for analysis.

Table of drillers' logs, Dewitt County, Texas

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

Driller's log of well 19

Mrs. G. W. Wisegraver farm. 10½ miles west of Yorktown.

Sand and clay	20	20
Yellow clay and sand	20	40
Hard sand and layers of sand rock	90	130
Broken sand and shale	93	223
Hard sand rock	12	235
Yellow clay	10	245
Hard sand	25	270
Broken sand and shale	45	315
Sticky shale	29	344
Shale	23	367
Sand, shale and boulders	103	470
Sticky shale sand and boulders with streaks of green sticky shale	18	488
	92	580
Blue shale	63	643
Sand, shale and boulders	227	870
Blue shale	63	933
Hard sand	12	945
Hard shale and boulders	55	1000
Green sticky shale	15	1015
Green shale and boulders	55	1070
Bluish-green shale	41	1111
Soft blue sand and sandy shale	6	1117
Shale and boulders	106	1223
Lime shells	3	1226
Sticky shale	13	1239
Lime shells	2	1241
Green shale	9	1250
Blue shale	22	1272
Soft blue sand	9	1281
Sticky shale	70	1351
Hard sand	4	1355
Shale	10	1365
Soft sand	6	1371
Lime	2	1373
Sandy lime	27	1400
Tough sticky shale	60	1460
Sandy lime	20	1480
Hard, sticky blue shale	40	1520
Hard sandy shale	80	1600
Blue sticky shale	40	1640
Hard sandy shale	17	1657
Hard shale	9	1666
Soft sand	12	1678
Soft shale	20	1698
Hard sand shale	36	1734
Sandy shale	141	1875
Lime shells	2	1877
Hard sticky shale with streaks of lime shells	20	1897

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

Driller's log of well 19--continued

Sandy shale	88	1985
Dark-colored stocky shale	104	2089
Soft sand	8	2097
Dark-colored sticky shale	133	2266
Hard shale	41	2307
Sticky shale	38	2345
Hard shale	84	2429
Hard white lime	2	2431
Hard shale	46	2477
Hard lime	3	2480
Soft blue sand	34	2514
Sandy shale	23	2537
Lime shells	1	2538
Sticky shale	42	2580
Blue and black shale	52	2632
Soft sand	59	2691
Sticky shale	45	2736
Hard lime	3	2739
TOTAL DEPTH		3105

Driller's log of well 53

C. B. Bunte Inc., h. L. Hillgartner farm. 4¼ miles southwest of Yorktown.

Surface sand	40	40
Sand and boulders	160	200
Shale	30	230
Hard sand	20	250
Sand and boulders	40	290
Clay	26	316
Sand and shale	150	466
Shale and boulders	90	556
Shale	105	661
Sticky shale	50	711
Shale, sand and boulders	125	836
Sticky shale	40	876
Sand and shale	30	906
Sticky shale	30	936
Sand, shale and boulders	93	1029
Shale and boulders	30	1059
Sticky shale	45	1104
Sand	14	1118
Sandy shale	35	1153
Sticky shale	72	1225
Sandy shale	100	1325
Sand	25	1350
Hard sandy shale	50	1400
Sandy shale	38	1438
Sticky shale	40	1478

(Continued on next page)

Table of drillers' logs, Dewitt County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 53--continued</u>		
Shale	80	1558
Sandy shale	10	1568
Shale and lime shells	17	1585
Sticky shale	10	1595
Boulders and shells	22	1617
Sand and shale	100	1717
Hard shale and lime	6	1723
Hard sandy lime rock	6	1729
Hard shale	11	1740
Lime shells	20	1760
Sticky shale	10	1770
Sandy shale	34	1804
sticky shale	24	1828
Hard shale	18	1846
Shale and lime	54	1900
Lime shells	7	1907
Hard shale	30	1937
TOTAL DEPTH		4107

<u>Driller's log of well 111</u>		
A. C. Wilkins farm. 10½ miles north-west of Cuero.		
Surface materials	15	15
Caliche	15	30
Sand rock	2	32
Shale	13	45
Hard sand rock	11	56
Shale	12	68
Sand	27	95
Hard sandy lime	7	102
Soft sand	15	117
shale	211	328
Sandy shale	320	648
Sand and shale	200	848
Shale	8	856
Sticky shale	79	935
hard sand	30	965
Shale	55	1020
Sandy lime	6	1026
Sandy shale	202	1228
Shale and sand	70	1298
Lime and shale	1	1299
shale	4	1303
sticky shale	40	1343
Hard lime	5	1348
Sticky shale	62	1410
Shale	22	1432
sticky shale	28	1460
Shale and shells	21	1481
Shale	43	1524
Sticky shale	207	1731
Shale and lignite	5	1736
Sticky shale	86	1822
Shale	62	1884
Shale and lignite	5	1889

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 111--continued</u>		
Shale	2	1891
Sticky shale	36	1927
Sandy shale and dry sand	5	1932
Sand	9	1941
Shale	35	1976
Sand	19	1995
Sticky shale	67	2062
Hard lime shell	2	2064
Shale	21	2085
Lime shell	6	2091
Shale	7	2098
Sticky shale	76	2174
Hard sandy lime	4	2178
Sticky shale	35	2213
Sandy shale	10	2223
Sticky shale	177	2400
shale	12	2412
Shale and shells	20	2432
Shale and sand	10	2442
Shale and shells with sand streaks	32	2474
Shale and shells	19	2493
Sticky shale	4	2497
Shale and shells	37	2534
Sand, shale and shells	24	2558
Sticky shale	35	2593
Shale and shells	11	2604
Shale	81	2685
Sand	19	2703
Soft sand	55	2758
Soft lime	1	2759
Sandy and shelly shale	24	2783
Sandy shale	41	2824
Hard lime	2	2826
Sand and shale	18	2844
Sandy shale	41	2885
Sandy, shelly, shale	10	2895
Lime rock	1	2896
Sand	8	2904
Sandy shale	77	2981
Sticky shale	14	2995
Shale	16	3011
TOTAL DEPTH		3011

<u>Driller's log of well 164</u>		
Layne Texas Co., City of Cuero well No. 5. In Cuero.		
Surface sand	10	10
Gravel and boulders	10	20
Sand, in hard layers	43	63
Clay, in hard layers	34	97
Clay	20	117
Sand with hard layers	28	145
Clay	31	176
Sandy clay	40	216

(Continued on next page)

Table of drillers' logs, Dewitt County--Continued

	Thickness (feet)	Depth (feet)
<u>Drillers' log of well 164--continued</u>		
Shale and rock	43	259
Rock and shale	10	269
Sand, in hard layers	30	299
Hard sandy shale	124	423
Tough shale	12	435
Hard sand	10	445
Sandy shale	53	498
Hard shale	17	515
Packed sand	20	535
Gumbo	63	598
Hard shale	59	657
Loose sand	15	672
Hard sand	5	677
Loose sand	6	683
Hard sand	16	699
Shale	14	713
Sand	37	750
Soft shale	25	775
Loose sand	25	800
Shale	6	806
Loose sand	22	828
Shale	17	845
Gumbo	55	900
Tough shale	55	955
Gumbo	47	1002
Loose sand	21	1023
Gump	23	1046
Sand and sandy shale	6	1052
Gumbo	19	1071
Hard sand	8	1079
Loose sand	43	1122
Sand	13	1135
Hard sand	5	1140
Soft shale	6	1146
Sand and gravel	27	1173
Sandy shale	79	1252
Gumbo	5	1257
Shale	82	1339
Sand, in hard layers	21	1360
Shale	14	1374
Sand	6	1380
Shale	117	1497
sand	10	1507
Shale	19	1526
TOTAL DEPTH		1526
CASING RECORD: 156 feet of 12-inch steel casing; 936 feet of 8-inch steel casing; 138 feet of 6-inch steel casing; 6-inch galvanized screen set, 1,072-1,115 feet, 1,115-1,134 feet, 1,149-1,170 feet.		

<u>Drillers' log of well 165</u>		
City of Cuero well No. 4. In Cuero.		
Surface materials and lime	32	32

	Thickness (feet)	Depth (feet)
<u>Drillers' log of well 165--continued</u>		
Gravel, sand and water	8	40
Red clay	2	42
Sand	8	50
Clay	60	110
Sand and sand rock	110	220
Sand	6	226
Clay	10	236
Sand rock	4	240
Blue shale	8	248
Sand rock	52	300
Gumbo	60	360
Sand and lime	40	400
Gumbo	40	440
sand rock	35	475
Gumbo	75	550
Sand	15	565
Gumbo	19	584
Rock	6	590
Gumbo	81	671
sand rock	15	686
water sand (flow)	44	730
Gumbo	106	836
Water sand (flow)	35	871
Gumbo	144	1015
water sand (flow)	40	1055
Gumbo	19	1074
Dark-colored sand	6	1080
Gumbo	22	1102
Water sand (flow)	58	1160
TOTAL DEPTH		1160
CASING RECORD: 1,102 feet of 8-inch steel casing. 60 feet 6-inch screen.		

<u>Drillers' log of well 166</u>		
City of Cuero well No. 3. In Cuero.		
Surface materials	32	32
Gravel	8	40
Clay	2	42
Clay and sand	68	110
rock and sand	90	200
Sand	26	226
Clay	10	236
Sand	4	240
Shell rock and sand	8	248
Sand rock and white lime	152	400
Clay and sand	40	440
rock and clay	99	539
Clay	11	550
Clay and rock	15	565
Gumbo and thin rock	19	584
Gumbo	87	671
Sand and rock	15	686
Blue water sand	44	730
Gumbo	60	790
Red and blue clay	46	836

(Continued on next page)

Table of drillers' logs, Dewitt County--Continued

	Thickness (feet)	Depth (feet)
<u>Drillers' log of well 166--continued</u>		
Water sand and rock	35	871
White and blue clay	144	1015
Water sand	40	1055
Red clay	6	1061
water sand	6	1067
red, white and blue clay	33	1100
water sand and thin rock	65	1165
TOTAL DEPTH		1165

<u>Drillers' log of well 220</u>		
Cuero Oil & Gas Co., Wm. Holzopfel farm. 6½ miles southwest of Cuero.		
Surface sand	3	3
Clay and gravel	5	8
Sand and gravel	16	24
Water sand	14	38
Yellow clay	12	50
Pink shale	100	150
Sandy shale and boulders	20	170
Brown sticky shale	130	300
Shale and boulders	20	320
Brown sticky shale	130	450
Gumbo	15	465
Sticky shale	135	600
Sand and boulders	40	640
Sticky shale	60	700
Gumbo	10	710
Sticky shale	110	820
White sand	8	828
Sand and boulders	2	830
Sticky shale	90	920
Gumbo	20	940
Sandy shale	77	1017
Gumbo	10	1027
Shale	63	1090
Sticky shale	60	1150
Gumbo	10	1160
Sticky shale	40	1200
Gumbo	30	1230
Sticky shale	20	1250
Gumbo	10	1260
Shale	80	1340
Sand and boulders	50	1390
(Blue water sand with thin streaks of blue shale cored, 1346 and 1365)		
Shale	60	1450
Gumbo	10	1460
Sandy shale	30	1490
Gumbo	25	1515
Blue shale	26	1541
Gumbo	19	1560
Blue shale	90	1650
Gumbo	8	1658
Blue shale	42	1700

	Thickness (feet)	Depth (feet)
<u>Drillers' log of well 220--continued</u>		
Gumbo	18	1718
Blue shale	82	1800
Sticky shale	30	1830
Sandy shale	40	1870
Blue shale	15	1885
Gumbo and lime	55	1940
Shale and boulders	6	1946
Gumbo and lime	74	2020
shale and boulders	5	2025
Gumbo	40	2065
Gumbo and lime	7	2072
Sand	23	2095
Gumbo	5	2100
Sticky shale	13	2113
Sandy shale	14	2127
Gumbo	3	2130
Sand	20	2150
Lime and gumbo	58	2208
sand	10	2218
Gumbo	5	2223
Sandy shale	51	2274
Gumbo	26	2300
Broken lime	2	2302
Sand	6	2308
Gumbo	1	2309
Sandy shale	37	2346
Gumbo	30	2376
Shell and sandy shale	10	2386
Hard cemented shell	11	2397
Sandy shale	4	2401
Hard lime and gumbo	19	2420
TOTAL DEPTH		3447

<u>Drillers' log of well 339</u>		
William Roland farm. 3 miles southwest of Yoakum.		
Surface materials	20	20
Sand	4	24
Clay and sand	10	34
Water sand	25	59
Rock and sand	70	129
Clay sand and boulders	30	159
Yellow clay	21	180
Sand	55	235
Hard sand with soft streaks	50	285
Clay with streaks of hard rock	60	345
Hard sand	85	430
Lime	13	443
Gumbo	32	475
Sticky shale and boul- ers	45	520
(Continued on next page)		

Table of drillers' logs, Dewitt County--Continued

	Thickness (feet)	Depth (feet)
<u>Drillers' log of well 339--continued</u>		
Hard sand	15	535
Sandy clay	26	561
Gumbo	29	590
Hard sand rock	5	595
Gumbo	38	633
Rock	10	643
Hard sticky sand and clay	30	673
Sandy lime and lime rock	26	699
Lime shells and gray shale	3	702
Sand rock	15	717
Sandy lime	33	750
Sticky shale	50	800
TOTAL DEPTH		800

<u>Drillers' log of well 364</u>		
J. Chalaupka farm. 10½ miles south of Yoakum.		
Clay	10	10
Sand and lime	5	15
Sand rock	3	18
Sand	6	24
Clay	3	27
Sand rock	6	33
Sand	2	35
Clay	4	39
Sand rock	22	61
Water sand	20	81
Sand rock	5	86
Gumbo	21	107
Hard sand and gravel	22	129
Gumbo	36	165
Sand and gravel	15	180
Water sand	30	210
Sand and boulders	60	270
Sand	70	340
Gumbo	21	361
Sandy gumbo	40	401
Gumbo	23	424
Sand	13	437
Gumbo	10	447
Shale	10	457
Gumbo	15	472
Sand	4	476
Gumbo	66	542
Sandy shale	55	597
Gumbo	8	605
Sand	4	609
Sandy shale	13	622
Gumbo	16	638
Shale	10	648
Sand	7	655
Hard sand and lime	6	661
Sand	4	665
Water sand	13	678
Gumbo	14	692

	Thickness (feet)	Depth (feet)
<u>Drillers' log of well 364--continued</u>		
Sand	37	729
Gumbo	118	847
Shale	6	853
Hard sand	4	857
Gumbo	4	861
Sand	5	866
Gumbo	6	872
Sandy shale	9	881
Gumbo	61	942
Sandy shale	10	952
Shale and sand	33	985
Sandy shale	37	1022
Gumbo	30	1052
Sand	4	1056
Shale	6	1062
Gumbo	151	1213
Sand	6	1219
Gumbo	5	1224
Sand	6	1230
Gumbo	8	1238
Shale	6	1224
Gumbo	62	1306
Shale	12	1318
Gumbo	58	1376
sandy shale	10	1386
Gumbo	13	1399
Sand	10	1409
Gumbo	8	1417
Shale and sand	60	1477
Gumbo	60	1537
Shale	40	1577
Gumbo	35	1612
Sand	6	1618
Gumbo	71	1689
Sand	5	1694
Shale and boulders	28	1722
Sand	8	1730
Gumbo	52	1782
Sand	20	1802
Gumbo	60	1862
Shale	45	1907
Shale and sand	50	1957
Sand	10	1967
Gumbo	50	2017
Sand	6	2023
Shale	61	2084
TOTAL DEPTH		2142

<u>Drillers' log of well 379</u>		
Sunray Oil Co., et al., am. Buehrig farm. 16 miles south of Yoakum.		
Sand	10	10
Clay and gravel	40	50
Shale and boulders	55	105
Sand and gravel	95	200

(Continued on next page)

Table of drillers' logs, Lewitt County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
<u>Drillers' log of well 379--continued</u>			<u>Drillers' log of well 379--continued</u>		
Clay	40	240	Shale	22	1802
Sand and gravel	20	260	Sticky shale	38	1840
Sticky shale	65	325	Water sand	15	1855
Red clay	35	360	Sticky shale	49	1904
Sand rock	2	362	Water sand	8	1912
Sand	18	380	Sand and sandy shale	49	1961
Shale and boulders	337	717	Sticky shale	60	2021
Sand and gravel	13	730	Sand	4	2025
Sticky shale and boulders	75	805	Sand, shale and lime streaks	11	2036
Sand and gravel	110	915	Sandy shale	19	2055
Sticky shale	95	1010	Sticky shale	91	2146
Sand and boulders	30	1040	Shale and lime cored	2	2148
Sticky shale	165	1205	Sticky shale and lime	75	2223
Sand and boulders	40	1245	Sand	20	2243
Sticky shale	333	1578	Sticky shale	19	2262
Sandy shale	11	1589	Sand	33	2295
Sand	3	1592	Sticky shale	75	2370
Water sand	4	1596	Shale and lime	35	2405
Sticky shale	40	1636	Sticky shale	135	2540
Water sand	10	1646	Sandy shale with streaks of sticky shale	140	2680
Sand and shale	24	1670	Sticky shale and lime	90	2770
Sticky shale	80	1750	TOTAL DEPTH		4015
Sand	15	1765			
Sticky shale	15	1780			

Logs of test wells drilled by W. P. A. labor in Dewitt County, Texas
 Samples examined and classified by H. M. Mapp,
 Project Superintendent.

	Thickness (feet)	Depth (feet)
<u>Well 1</u>		
Flat, on side of county road, near west corner, Mrs. Jno. Duderstadt 978-acre tract, Isaac Baker survey, 11½ miles north of Yorktown.		
Light-colored clay	2	2
Black clay	4	6
Joint clay	9	15
Caliche	2	17
June 7, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 12</u>		
Flat, on side of county road, near west corner, C. F. Lincke 156-acre tract, J. F. Hollien survey, 10½ miles northwest of Yorktown.		
Surface sand	1	1
Black clay	6	7
Light-colored sand	7	14
Caliche	2	16
Sand rock	4	20
June 11, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 15</u>		
Bottom of valley, on side of county road, near southwest corner of D. B. Blake 236-acre tract, I. R. R. Co. survey, 8½ miles northwest of Yorktown.		
Surface soil	1	1
Dark-colored sand	1	2
Brown sand	2	4
Dark-colored gumbo	2	6
Light-colored clay and sand	3	9
Light-colored sand	7	16
Quicksand	8	24
Struck water at 19 feet.		
Water level, 18.2 feet below top of ground, 1 hour after hole completed.		
June 2, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 31</u>		
Bottom of slope, on side of county road, near south corner, Hy. Meyer 320-acre tract, I. R. R. Co. survey, 8½ miles west of Yorktown.		
Light-colored clay	3	3
Caliche and clay	11	14
Caliche and red clay	3	17
Red clay	8	25
White sand	1	26
Yellow clay	4	30
Caliche	1	31
Sandstone	4	35

	Thickness (feet)	Depth (feet)
<u>Well 31 continued</u>		
White sand	1	36
Red sand	5	41
June 9, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 37</u>		
Valley flat, on east side of county highway, opposite Fred Lyman tract, Wm. W. Gant survey, 1¼ miles north of Yorktown.		
Black clay	1	1
Dark-colored gumbo	3	4
Caliche	4	8
Sandstone	4	12
Sand	13	25
Struck water at 14 feet.		
Water level 13.4 feet below top of ground, 1 hour after hole completed.		
June 2, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 41</u>		
Hillside, on north side of State highway 72, 75 feet west of small bridge, John Burd 106-acre tract, Jas. Kimberling survey, 2¼ miles northeast of Yorktown.		
Black surface materials	2½	2½
Joint clay	1½	4
Red clay	1	5
Red sandy clay	1	6
Caliche and hard clay	5	11
Red sand	16	27
Struck water at 17 feet.		
Water level, 16.5 feet below top of ground, 1 hour after hole completed.		
May 27, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 50</u>		
Hillside, on north side of State highway 72, near east corner of Wm. von Roeder 485-acre tract, Jas. Nowlan survey, 3¼ miles west of Yorktown.		
Light-colored sand	1	1
Sand and lime	4	5
Caliche	4	9
Joint clay	3	12
Red clay	2	14
Red sand	18	32
Hard sandstone	2	34
June 8, 1937.		

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

	Thickness (feet)	Depth (feet)
<u>Well 54</u>		
Valley, on north side of State Highway 72, 100 feet east of bridge, near east corner, Wm. Green 70-acre tract, I. R. R. Co. survey, 5½ miles southwest of Yorktown.		
Surface sand	1	1
Yellow clay	1	2
Sand	2	4
Sand and clay	6	10
White sand	9	19
Struck water at 3.5 feet. water level, 3.5 feet below top of ground, 1 hour after hole completed. June 9, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 57</u>		
Valley, on north side of county road, 180 feet northwest of bridge, near west corner J. Goedke 100-acre tract, Robt. Gulletty survey, 7½ miles southwest of Yorktown.		
Black surface materials	2	2
Black clay and caliche	1	3
White caliche	7	10
Light-colored joint clay	3	13
Hard red clay	5	18
June 10, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 68</u>		
Flat, on west side of State Highway 119, 300 feet south of Coletto Creek bridge, Henry Clark survey, 3½ miles south of Yorktown.		
Surface caliche	2	2
Light-colored sand	2½	4½
Caliche	3	7½
Sand	2½	10
Light-colored clay and sand	3	13
Red sand	1	14
Red sand and caliche	1	15
Light-colored sand	2	17
Dark-colored sand	2	19
Dark-colored clay	5	24
Red sand	7	31
Struck water at 17 feet. water level, 16.4 feet below top of ground, 1 hour after hole completed. June 1, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 108</u>		
Valley, on north side of State Highway 27, 400 feet southeast of northwest corner, Mrs. Sophie Stollie's 256-acre		

	Thickness (feet)	Depth (feet)
<u>well 108--continued</u>		
tract, Phillip Golden survey, 9½ miles northwest of Cuero.		
Surface sand	2	2
Sandstone	4	6
White sand	4	10
Sand and clay	8	18
Sandstone	2	20
Struck water at 15 feet. water level, 14 feet below top of ground, 1 hour after hole completed. May 26, 1937.		

	Thickness (feet)	Depth (feet)
<u>well 121</u>		
Valley, on south side of county road, 600 feet east of bridge, James Bird survey, 13½ miles northwest of Cuero.		
Black gumbo	4	4
Sand	1	5
Black clay and caliche	7	12
Caliche	1	13
Light-colored sandy clay	2	15
Sand	3	18
Struck water at 15 feet. water level, 13 feet below top of ground, 1 hour after hole completed. May 28, 1937.		

	Thickness (feet)	Depth (feet)
<u>well 133</u>		
Creek bottoms, on east side of State Highway 27, 60 feet north of North Creek bridge, J. W. Slade survey, 6 miles west of Cuero.		
Surface sand	1	1
Light-colored sand	5	6
Black clay and sand	4	10
Sandstone	5	15
Sand and yellow clay	3	18
Struck water at 11 feet. water level, 8.2 feet below top of ground, 1 hour after hole completed. May 26, 1937.		

	Thickness (feet)	Depth (feet)
<u>well 145</u>		
Valley, on north side of old Cuero-Yorktown road near center north line of W. A. Blackman 266-acre tract, Jas. Keller survey, 6½ miles southwest of Cuero.		
Surface clay	1	1
Caliche and sand	3	4
Sand	8	12
Red sand	5	17
Sandstone	4	21
Struck water at 12 feet.		

(Continued on next page)

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

	Thickness (feet)	Depth (feet)
<u>Well 145--continued</u>		
Water level, 12 feet below top of ground, 1 hour after hold completed. May 6, 1937.		

<u>Well 147</u>		
Slope, on north side of Clinton-Radcliff road, near northeast corner, H. A. Brown 183-acre tract, C. Vanness survey, $4\frac{3}{4}$ miles southwest of Cuero.		
Surface materials	1	1
Brown clay	1	2
Caliche	2	4
Caliche and clay	3	7
Light-blue clay	3	10
Joint clay	12	22
Pink clay	5	27
Joint clay	12	39
Red sandy clay	3	42
Sand	10	52
Water level, 41.5 feet below top of ground, 1 hour after hole completed. April 23, 1937.		

<u>Well 150</u>		
Valley, on north side of State Highway 72, near center south line of Jas. n. Bell 420-acre tract, Jas. Keller survey, 5 miles west of Cuero.		
Sand	1	1
Joint clay and gravel	$3\frac{1}{2}$	$4\frac{1}{2}$
Caliche	$3\frac{1}{2}$	8
Caliche and clay	5	13
Red clay	8	21
Struck water at 12 feet. Water level, 8.8 feet below top of ground, 1 hour after hole completed. May 27, 1937.		

<u>Well 151</u>		
Slope, on north side of State Highway 72, near northeast corner of H. Luedeke 141- acre tract, W. W. Arrington survey, 4 miles west of Cuero.		
Surface materials	$1\frac{1}{2}$	$1\frac{1}{2}$
Brown clay	4	$5\frac{1}{2}$
Red clay	11	$16\frac{1}{2}$
Light-colored clay	4	$20\frac{1}{2}$
Light-brown clay	$4\frac{1}{2}$	25
April 20, 1937.		

<u>Well 153</u>		
Slope, on north side of State Highway 72, 45 feet west of intersection with highway 27, W. Lockhart survey, $3\frac{1}{4}$ miles west of Cuero.		

	Thickness (feet)	Depth (feet)
<u>well 153--continued</u>		
Black surface materials	2	2
Light-colored clay	1	3
white clay	4	7
Light-mottled-colored clay	3	10
Joint clay	7	17
red clay	7	24
Hard clay and sandstone	3	27
April 20, 1937.		

<u>well 160</u>		
Flat, on west side of old river road, opposite Richard McGuffen tract, $1\frac{1}{4}$ miles west of Cuero.		
Surface clay	3	3
Dark-colored clay and caliche	4	7
Light-colored clay	10	17
sand	8	25
Struck water at 17 feet. Water level, 10.5 feet below top of ground, 1 hour after hole completed. July 12, 1937.		

<u>well 161</u>		
Flat, on north side of State Highway 72, $1\frac{1}{4}$ miles northwest of Cuero.		
red clay	4	5
Yellow clay	4	9
Light-colored sand	9	18
Gravel		18
July 7, 1937.		

<u>well 167</u>		
Flat, on east side of county road, near northwest corner of Mrs. G. J. Schleich- er tract, John J. Tumlinson survey, 2 miles north of Cuero.		
Black clay	5	5
Light-colored clay	2	7
Yellow clay	10	17
Sand	7	24
July 13, 1937.		

<u>well 170</u>		
Flat, on east side of State Highway 29, near northwest corner, Douglas Burns 646-acre tract, Samuel Lockhart survey, $4\frac{1}{2}$ miles north of Cuero.		
Sandy surface soil	1	1
Clay	3	4
Red clay	4	8
Fine-grained sand	6	14
Sand and gravel	2	16
(continued on next page)		

Logs of U. S. P. A. test wells in Dewitt County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 170--continued</u>		
Sand and light-colored clay	4	20
Sandstone	2	22
Joint clay	5½	27½
Sand	5½	33
Struck water at 31 feet. Water level, 30 feet below top of ground, 1 hour after hole completed. May 17, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 173</u>		
Valley, on south side of State Highway 72, Chas. E. Frels tract, Geo. W. Davis sur- vey, 6 miles north of Cuero.		
Light-colored sand	1	1
Dark-colored sand	4½	5½
Sandy clay	4½	10
Light-colored sand	6	16
Reddish sand	6	22
water level, 18.5 feet below top of ground, 1 hour after hole completed. June 18, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 177</u>		
Flat, 75 feet west of State Highway 72, J. W. Dohman 117-acre tract, John J. Tumlinson survey, 2¼ miles northeast of Cuero.		
Light-colored clay	2	2
Sand and clay	4	6
Red clay and caliche	5	11
Pink clay	8	19
Joint clay	6	25
Light-colored clay	11	36
July 3, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 184</u>		
Flat, on south side of county road, oppo- site H. Hiller 50-acre tract, 300 feet east of Highway intersection, Squire Burns survey, 4¾ miles east of Cuero.		
Surface materials	3	3
Gray lime	2	5
Caliche	14	19
Caliche and gravel	4	23
May 10, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 188</u>		
Flat, on west side of State Highway 27, opposite Mrs. A. J. Bell 86-acre tract, Arthur Burns survey, 11 miles south- east of Cuero.		
Surface materials	1	1
Gray lime	2	3
White lime	4	7

	Thickness (feet)	Depth (feet)
<u>Well 188--continued</u>		
Sand and gravel	12	19
May 10, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 192</u>		
Flat, on west side of U. S. Highway 77, near northeast corner, Jno. S. McGrabb 538-acre tract, Refugio Amador survey, 11 miles southeast of Cuero.		
Red clay	3	3
Gray clay	9	12
Gravel		12
June 16, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 198</u>		
Rolling land, on south side of county road, near east corner, L. N. Bluntzer 101-acre tract, James Quinn survey, 10 miles southeast of Cuero.		
Surface materials	2½	2½
Red clay	2½	5
Red clay and caliche	4	9
Red clay	8	17
Gravel		17
June 16, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 210</u>		
Flat, on west side of Cuero-Goliad road, opposite L. Friar 17-acre tract, Jno. Nelson survey, 4 miles south of Cuero.		
Surface materials	1	1
Red clay	1	2
Caliche	3	5
Caliche and sandstone	4	9
sandstone	3	12
Buff-colored sandstone	17	29
Clay and sand	3	32
Sandstone	5	37
May 3, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 219</u>		
In valley, on north side of county road, 3 miles northeast of Madcliff School, G. W. Brooks survey, 7 miles southwest of Cuero.		
Sandy surface materials	1	1
Sandy clay	3	4
Light-colored sandy clay	2	6
Sand and clay	3	9
Red sand and gravel	3	12
Struck water at 12 feet. Water level, 12 feet below top of ground, 1 hour after hole completed. April 24, 1937.		

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

	Thickness (feet)	Depth (feet)
<u>Well 222</u>		
Slope, on west side of county road, near northeast corner, H. Luentzel 55-acre tract, G. W. Brooks survey, 6½ miles southwest of Cuero.		
Clay	1	1
White lime	4	5
Caliche	3	8
Sand and caliche	1	9
Sand	13	22
Struck water at 9 feet.		
Water level, 8.5 feet below top of ground, 2 hours after hole completed.		
April 27, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 232</u>		
Valley, on north side of Yorktown-Meyersville road, near center Louis Migura 134-acre tract, Jas. Duff survey, 11 miles south of Cuero.		
Dark-colored clay	1	1
Sand	1	2
Sandy clay	2	4
Yellow clay	4	8
Red clay	4	12
Light-colored sand	3	15
Sand rock	10	25
June 22, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 240</u>		
Valley, on south side of Meyersville-Cuero road, Mrs. Justin 63-acre tract, Luke M. Mason survey, 9½ miles south of Cuero.		
Surface materials	2	2
Joint clay	5	7
Caliche	7	14
Red clay	4	18
June 22, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 306</u>		
Flat, on north side of State Highway 27, 150 feet southeast of Steen store, Simon Bateman survey, 10 miles west of Yoakum.		
Sandy surface soil	1	1
Clay and caliche	2	3
Limestone and caliche	3	6
Sand and lime	2	8
Sand	9	17
Sand and lime	2	19
Sandstone and gravel	2	21
Struck water at 17 feet.		
Water level, 15 feet below top of ground, 2 hours after hole completed.		
May 25, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 316</u>		
Valley, on east side of State Highway 27, near small culvert opposite Hy. Dodear tract, J. May survey, 8 miles west of Yoakum.		
Sandy surface soil	2	2
Blue sandy clay	2	4
Joint clay	2	6
Caliche	2	8
Sand and lime	2	10
Hard sandstone	4	14
Struck water at 12 feet.		
Water level, 11 feet below top of ground, 2 hours after hole completed.		
May 25, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 342</u>		
In ditch on south side of State Highway 72, near northeast corner of Mrs. Myra Burns 1,137-acre tract, Wm. Smith survey, 5 miles southwest of Yoakum.		
Joint clay	11	11
Sand rock	4	15
Water level, 15 feet below top of ground, 1 hour after hole completed.		
June 18, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 378</u>		
Flat, on south side of county road, near southwest corner, Arthur Stuart 775-acre tract, Robert Burns survey, 17½ miles southeast of Yoakum.		
Reddish clay	8	8
Reddish clay and gravel	12	20
June 24, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 382</u>		
Flat, on north side of county highway, F. M. Sage tract, ¼ mile north of county line, S. A. & M. G. A. Co. survey, 19 miles south of Yoakum.		
Surface clay	2	2
Joint clay	5	7
Light-colored sand	4	11
Red sand and gravel	3	14
June 24, 1937.		

Partial analyses of water from wells in Dewitt County, Texas

(Analyzed at The University of Texas under the direction of Dr. E. P. Schoch, Director of the Bureau of Industrial Chemistry; by J. E. Stulken, D. F. Riddell, H. T. Davidson, Floyd H. Ward, and F. G. Steer, Chemists; and J. A. Harmaza, Martin Wieland, and Jack Ramsey, Assistant Chemists. Nitrate determined by E. W. Lohr, U. S. Geological Survey. 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 (calc.)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Total hardness as CaCO ₃ (calc.)
2	Mrs. S. C. Debroh and Mrs. J. Newman	200	June 17, 1937	-	-	-	-	-	29	36	b/	-
3	F. Peters	66	do.	-	-	-	-	-	15	100	28	-
4	E. Alex	84	do.	-	-	-	-	-	19	36	b/	-
5	F. Haase	120	do.	-	-	-	-	-	a/	28	b/	-
6	C. J. Mueller	108	do.	-	-	-	-	-	29	86	b/	-
7	J. Huebrer	75	do.	-	-	-	-	-	10	40	49	-
8	C. F. Schmidt	97	do.	-	-	-	-	-	42	170	111	-
9	Otto Jaeger	395	do.	-	-	-	-	-	93	80	b/	-
10	Mrs. Aug. Rabenaldt	110	do.	1,155	-	-	-	151	181	485	b/	-
11	J. T. Holderman Estate	35	do.	-	-	-	-	-	261	675	61	-
14	F. Metting	130	June 2, 1937	-	-	-	-	-	32	106	b/	-
16	D. B. Blake Estate	100	do.	-	-	-	-	-	29	160	b/	-
17	O. Sens	140	do.	-	-	-	-	-	24	94	b/	-
20	A. J. Styra	252	June 8, 1937	-	-	-	-	-	80	255	b/	-
21	Mrs. J. L. Skorde	162	June 9, 1937	-	-	-	-	-	85	385	b/	-
23	J. C. Thieme	91	June 2, 1937	-	-	-	-	-	47	160	196	-
24	A. R. Dworaczyk	180	June 8, 1937	-	-	-	-	-	59	545	b/	-
25	A. Pokluda	75	do.	698	122	20	92	85	a/	290	123	388
26	S. C. Butler	45	June 9, 1937	-	-	-	-	-	38	122	132	-
27	C. E. Johnson	69	do.	-	-	-	-	-	15	64	84	-
28	J. D. Helmers	64	do.	-	-	-	-	159	17	20	28	-
29	H. C. Heinze	104	do.	-	-	-	-	-	17	50	b/	-
30	K. F. Lagner	109	do.	-	-	-	-	-	34	175	b/	-
32	E. Wiede	95	June 8, 1937	-	-	-	-	-	101	1,105	b/	-
33	O. Nuebert	50	do.	648	-	-	-	128	63	290	b/	-
34	H. Gerhardt	94	June 2, 1937	-	-	-	-	-	88	290	400	-
35	H. von Roeder	62	do.	-	-	-	-	-	11	80	b/	-
36	E. Wieland	122	Apr. 23, 1937	-	-	-	-	-	55	134	b/	-
37	W. P. A. Test	25	June 2, 1937	-	-	-	-	-	254	1,080	b/	-
38	J. E. Wolf	51	Apr. 23, 1937	-	-	-	-	-	24	164	b/	-

a/ Sulfate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

Partial analyses of water from wells in Dewitt 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)	Total hardness as CaCO ₃ (calc.)
39	Chas. Wehe	123	May 20, 1937	-	-	-	-	-	17	56	b/	-
40	M.Z.Woods Estate	72	Apr. 21, 1937	-	-	-	-	-	97	800	141	-
41	W. P. A. test	27	May 27, 1937	-	-	-	-	-	47	132	b/	-
42	Mrs. Gus Kaleh	65	--	-	-	-	-	-	16	72	21	-
43	G. Zedler Estate	130	May 27, 1937	-	-	-	-	-	20	46	b/	-
44	S. P. R.R. Co.	80	Apr. 17, 1936	557	-	-	-	372	30	134	-	-
45	John W. Ideus	-	do.	424	61	14	89	317	16	88	-	208
46	Yorktown Cotton and Oil Mfg. Co.	300	do.	492	64	21	95	244	40	152	-	248
47	City of Yorktown	960	do.	521	12	11	176	281	80	104	-	77
48	A. H. Gerhardt	60	June 2, 1937	-	-	-	-	-	21	80	103	-
49	Edwin Gips	72	May 7, 1937	-	-	-	-	-	21	520	b/	-
51	M. G. Eckhardt	40	do.	-	-	-	-	-	10	46	b/	-
52	Mrs. A. Kelch	60	--	-	-	-	-	-	11	52	b/	-
54	W. P. A. test	19	June 9, 1937	-	-	-	-	-	20	23	b/	-
55	J. R. Bode	60	May 7, 1937	-	-	-	-	-	15	68	52	-
56	Wm. Schneider	86	do.	-	-	-	-	-	21	30	51	-
58	C. O. Stirl	180	June 1, 1937	-	-	-	-	-	38	370	38	-
59	F. G. Gips	72	June 10, 1937	-	-	-	-	-	29	128	b/	-
60	D. Mueller	63	do.	-	-	-	-	-	160	525	81	-
61	O. E. Schroeder	90	do.	-	-	-	-	-	50	130	23	-
62	P. R. Ohelke	120	do.	-	-	-	-	-	72	265	b/	-
63	Wm. Bauman	110	June 1, 1937	-	-	-	-	-	30	310	b/	-
64	F. Bruns	115	do.	-	-	-	-	-	131	515	b/	-
65	F. Kelch	200	do.	-	-	-	-	-	50	275	b/	-
66	Mrs. Helen Hudson	172	do.	871	74	30	208	98	106	405	b/	309
67	Mrs. E. W. Grun	70	May 27, 1937	-	-	-	-	-	42	165	36	-
68	W. P. A. test	31	June 1, 1937	-	-	-	-	-	16	40	21	-
69	G. C. Meyer	65	May 27, 1937	-	-	-	-	-	17	80	b/	-
70	Mrs. W. M. Roth	77	May 20, 1937	-	-	-	-	-	12	15	b/	-
71	H.Afferbach Estate	50	Apr. 21, 1937	-	-	-	-	-	22	74	21	-
72	Wm. Zorn Estate	80	June 23, 1937	218	28	16	33	98	14	80	b/	135
73	G. G.Henze Estate	120	May 27, 1937	-	-	-	-	-	63	155	b/	-
74	Green, Houston and Korth	130	do.	325	-	-	-	159	21	70	42	-

a/ Sulfate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

Partial analyses of water from wells in Dewitt 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)	Total hardness as CaCO ₃ (calc.)
75	H. A. Range	100	May 27, 1937	-	-	-	-	-	29	210	b/	-
76	E. L. Nichols	200	June 23, 1937	-	-	-	-	-	20	116	38	-
77	Mrs. R. Ledwig	80	do.	-	-	-	-	-	14	70	b/	-
78	H. J. Spies	48	Apr. 21, 1937	-	-	-	-	-	18	90	53	-
101	Robt. C. Huebner	68	July 6, 1937	-	-	-	-	-	22	86	b/	-
102	A. B. Mueller	100	do.	-	-	-	-	-	24	86	112	-
103	B. W. Meyer	84	do.	-	-	-	-	-	21	52	b/	-
104	J. L. Dubose	110	Apr. 23, 1937	-	-	-	-	-	114	210	b/	-
105	A. Warcecha	177	do.	-	-	-	-	-	17	54	b/	-
106	C. T. Traylor	86	May 28, 1937	-	-	-	-	-	17	58	b/	-
107	J. S. Morris	120	Apr. 22, 1937	-	-	-	-	-	22	66	b/	-
108	W. P. A. test	20	May 26, 1937	-	-	-	-	-	32	40	b/	-
109	E. J. Stollies	68	do.	242	-	-	-	98	17	46	66	-
110	F. A. Boldt	136	do.	-	-	-	-	-	11	90	126	-
112	Oscar Gottschardt	120	do.	-	-	-	-	-	76	165	b/	-
113	E. Franks	108	do.	-	-	-	-	-	63	250	b/	-
114	Weldon Stacy and -- Blake	-	Apr. 27, 1937	572	76	13	122	202	72	190	b/	243
115	Mrs. H. Gaedke	220	July 6, 1937	-	-	-	-	-	34	64	b/	-
116	G. Schroeder	275	do.	-	-	-	-	-	46	54	b/	-
117	P. L. Gary	87	Apr. 22, 1937	-	-	-	-	-	42	31	b/	-
118	Sophie Gohmart	35	do.	-	-	-	-	-	72	128	120	-
119	D. E. McFarland	80	May 26, 1937	-	-	-	-	-	17	30	58	-
120	W. E. Seiffert	50	do.	-	-	-	-	-	69	550	46	-
121	W. P. A. test	18	May 28, 1937	-	-	-	-	-	68	160	b/	-
122	J. F. Eider	100	May 25, 1937	-	-	-	-	-	26	48	84	-
123	Mrs. J. O. Pebbles	207	do.	350	32	6	86	146	50	58	46	104
124	Frank Mahula	200	do.	-	-	-	-	-	14	70	b/	-
125	Mrs. W. D. Finney	43	May 4, 1937	-	-	-	-	-	17	30	b/	-
126	Mrs. J. L. Sheppard	200	May 26, 1937	269	33	3	56	207	21	54	b/	147
127	W. H. Laster	147	Apr. 29, 1937	-	-	-	-	-	26	114	b/	-
128	E. M. Wallace	120	May 26, 1937	-	-	-	-	-	47	120	b/	-
129	S. A. Card	96	do.	-	-	-	-	-	55	104	b/	-
130	Joe Card	75	do.	-	-	-	-	-	38	82	b/	-
131	Mrs. W. Knolle	52	Apr. 30, 1937	-	-	-	-	-	27	120	b/	-

Partial analyses of water from wells in Dewitt 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)	Total hardness as CaCO ₃ (calc.)
132	F. W. Schlinke	140	Apr. 30, 1937	444	35	18	108	122	47	176	b/	161
133	W. P. A. test	18	May 26, 1937	-	-	-	-	-	21	12	b/	-
134	A. Kahlick	46	Apr. 22, 1937	-	-	-	-	-	13	110	255	-
135	Wm. Knocke	120	do.	-	-	-	-	-	24	104	43	-
136	Mrs. F. Gaida, Sr.	150	Apr. 23, 1937	325	16	13	86	195	13	40	61	93
137	Frank Metting	80	do.	-	-	-	-	-	51	82	b/	-
138	F. A. Brown	142	May 20, 1937	-	-	-	-	-	10	32	b/	-
139	B. F. Able	90	do.	-	-	-	-	-	29	116	b/	-
140	Mrs. T. Metting	50	do.	-	-	-	-	-	17	18	b/	-
141	F. A. Broll	75	Apr. 17, 1937	-	-	-	-	-	11	54	35	-
142	E. D. Wagner	-	--	-	-	-	-	-	30	74	b/	-
143	J. H. Wood, Jr.	115	May 20, 1937	-	-	-	-	-	29	48	b/	-
144	W. A. Blackwell	70	Mar. 23, 1937	238	-	-	-	201	a/	47	-	-
145	W. P. A. test	21	May 6, 1937	-	-	-	-	-	20	72	b/	-
146	Clifton Weber	100	Mar. 23, 1936	317	93	6	24	305	a/	44	-	259
148	Friedrich Hoehne	85	do.	414	-	-	-	275	14	108	-	-
149	Chas. Schlinke	120	do.	565	106	16	88	266	36	188	-	330
150	W. P. A. test	21	May 27, 1937	-	-	-	-	-	15	1,070	b/	-
152	C. A. Schlinke	585	Apr. 22, 1937	625	18	13	197	305	42	205	b/	104
154	Gus Goehring	171	Mar. 23, 1936	461	75	15	77	183	56	148	-	250
155	Willie Liester	54	do.	353	-	-	-	360	a/	37	-	-
156	Max Turk	85	do.	416	-	-	-	366	30	47	-	-
157	E. P. Demmer	171	do.	310	63	15	40	293	a/	48	-	219
158	Chas. Lenz	60	do.	508	-	-	-	287	36	142	-	-
159	E. A. Tully	26	Apr. 17, 1936	505	-	-	-	61	40	255	-	-
162	-- Power & Light Co.	26	Apr. 15, 1936	1,430	228	25	280	464	119	550	-	670
163	do.	62	Mar. 15, 1936	985	190	25	151	427	64	345	-	575
164	City of Cuero	1,173	--	904	50	15	290	500	53	245	-	184
165	do.	1,160	Mar. 28, 1936	984	6	1	398	567	a/	300	-	21
166	do.	1,165	--	853	2	1	346	500	26	232	-	11
168	E. Blackwell	70	May 4, 1937	-	-	-	-	-	42	150	22	-
169	Ed. De Leon	60	Apr. 29, 1937	-	-	-	-	-	26	82	b/	-
170	W. P. A. test	33	May 17, 1937	-	-	-	-	-	-	1,038	-	-
171	Mrs. E. Moore	68	Apr. 27, 1937	339	-	-	-	232	21	76	b/	-
172	J. H. Blank	45	May 4, 1937	-	-	-	-	-	25	46	169	-

a/ Sulfate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

Partial analyses of water from wells in Dewitt 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)	Total hardness as CaCO ₃ (calc.)
173	W. P. A. test	22	June 13, 1937	-	-	-	-	-	a/	108	b/	-
174	E. L. Pruetz	68	May 6, 1937	-	-	-	-	-	17	94	b/	-
175	Mrs. L. Burns	80	--	-	-	-	-	-	26	178	b/	-
176	J. M. Johnson	108	Apr. 29, 1937	409	-	-	-	244	26	110	b/	-
178	S. E. Caraway	78	May 18, 1937	-	-	-	-	-	26	575	b/	-
179	S. P. R.R. Co.	1,100	Apr. 3, 1936	2,079	20	4	810	671	10	900	-	67
180	City of Cuero and W.P.A. Park	1,353	Mar. 28, 1936	1,449	6	1	586	684	a/	520	-	20
181	Mrs. E. Miller	46	--	377	90	7	44	207	26	108	b/	254
182	A. Koenig	56	May 5, 1937	264	-	-	-	154	21	70	b/	-
183	L. W. Hanson	70	May 3, 1937	-	-	-	-	-	26	152	b/	-
185	C. J. Weber	45	--	-	-	-	-	-	50	66	99	-
186	Alfred Friar	60	May 5, 1937	-	-	-	-	-	34	512	54	-
187	F. E. Neel	65	May 3, 1937	-	-	-	-	-	21	86	66	-
189	W. I. Anderson	56	May 15, 1937	-	-	-	-	-	29	132	204	-
190	W. B. Callihan	62	do.	-	-	-	-	-	21	66	43	-
191	W. E. Conwell	-	do.	-	-	-	-	-	42	104	b/	-
193	J. S. McCrabb	59	do.	-	-	-	-	-	38	185	b/	-
194	R. E. Clegg	64	May 3, 1937	-	-	-	-	-	26	100	b/	-
195	A. Hartman	120	do.	-	-	-	-	-	17	46	b/	-
196	W. J. Lau	135	June 22, 1937	-	-	-	-	-	15	60	31	-
197	E. L. Zengerle	110	May 3, 1937	-	-	-	-	-	13	58	51	-
199	A. C. Hartman	126	do.	-	-	-	-	-	38	132	b/	-
200	Albert Rath	85	Apr. 25, 1937	-	-	-	-	-	13	54	b/	-
201	Mrs. F. Koenig	75	do.	-	-	-	-	-	21	100	57	-
202	J. Hiller	110	May 5, 1937	-	-	-	-	-	19	80	b/	-
203	Mrs. W. Mueller	106	do.	411	76	10	47	146	26	60	120	225
204	Mrs. Wm. Allbright	117	Apr. 25, 1937	-	-	-	-	-	19	76	20	-
205	Mamie Heard	-	May 5, 1937	-	-	-	-	-	26	150	b/	-
206	Wm. Hasdorff	1,456	Apr. 15, 1936	668	-	3	267	439	68	114	-	11
207	Mrs. Lewis Hines	40	Mar. 24, 1937	-	-	-	-	-	22	38	b/	-
208	C. M. Robertson	38	Mar. 23, 1936	773	-	-	-	439	64	206	-	-
209	Thos. Cook	97	May 4, 1937	-	-	-	-	-	21	138	b/	-
211	L. Friar	82	May 3, 1937	499	-	-	-	305	30	132	b/	-
212	M. Schley	62	Apr. 24, 1937	-	-	-	-	-	17	46	b/	-

a/ Sulfate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

Partial analyses of water from wells in Dewitt 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)	Total hardness as CaCO ₃ (calc.)
213	Lebrecht Pieper	96	May 4, 1937	-	-	-	-	-	21	116	b/	-
214	Ad. Boldt Estate	60	do.	-	-	-	-	-	34	258	b/	-
215	Hugo Gohlke	56	May 20, 1937	-	-	-	-	-	26	235	b/	-
216	D. H. Murry	40	do.	225	-	-	-	159	12	21	34	-
217	E. T. Rabke	30	June 23, 1937	-	-	-	-	-	22	146	135	-
218	Steve Zilonka	65	Apr. 24, 1937	-	-	-	-	-	13	10	b/	-
219	W. P. A. test	12	do.	-	-	-	-	-	135	3,770	-	-
221	H. Luentzel	33	May 4, 1937	-	-	-	-	-	15	40	44	-
222	W. P. A. test	22	Apr. 27, 1937	-	-	-	-	-	38	148	b/	-
223	Gus Pflug	65	Apr. 24, 1937	-	-	-	-	-	15	260	516	-
224	O. Gerbert	-	--	-	-	-	-	-	59	136	218	-
225	Louis Sievers	81	June 23, 1937	-	-	-	-	-	19	56	b/	-
226	R. T. Brown	75	do.	-	-	-	-	-	21	90	b/	-
227	Frank Eichorn	70	Apr. 24, 1937	-	-	-	-	-	15	80	20	-
228	C. A. Knocke	62	May 25, 1937	-	-	-	-	-	17	66	153	-
229	C. A. H. Sager	110	Apr. 25, 1937	383	11	16	115	183	30	110	b/	95
230	A. Buehrig	92	Apr. 21, 1937	-	-	-	-	-	11	36	30	-
231	N. M. Crane	80	do.	-	-	-	-	-	15	60	b/	-
233	Al. Duderstadt	105	June 22, 1937	-	-	-	-	-	26	114	b/	-
234	B. G. Wendel	68	do.	323	-	-	-	146	21	78	39	-
235	A. Doehrman	70	do.	-	-	-	-	-	20	72	117	-
236	Fred Wendel	75	do.	-	-	-	-	-	15	52	38	-
237	O. Addick	73	do.	-	-	-	-	-	10	40	b/	-
238	W. A. Diebel	40	do.	-	-	-	-	-	12	40	b/	-
239	E. O. Wendle	79	Apr. 25, 1937	-	-	-	-	-	15	34	68	-
301	O. Bressels	138	do.	-	-	-	-	-	29	26	b/	-
302	C. L. Crawford	50	Apr. 29, 1937	-	-	-	-	-	21	17	36	-
303	W. Davis	98	May 25, 1937	-	-	-	-	-	34	46	b/	-
304	Philip Weigelt	50	Apr. 29, 1937	345	57	11	52	73	38	128	23	187
305	A. Steen	132	do.	-	-	-	-	-	42	82	b/	-
306	W. P. A. test	21	May 25, 1937	-	-	-	-	-	51	116	b/	-
307	S. B. Cunningham	80	May 17, 1937	-	-	-	-	-	50	116	114	-
308	Wm. Bruns	124	do.	-	-	-	-	-	39	110	30	-
309	Mrs. H. Mienke	40	do.	-	-	-	-	-	20	58	69	-
310	Carl Reidel	110	do.	-	-	-	-	-	14	194	615	-

a/ Sulfate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

Partial analyses of water from wells in Dewitt 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)	Total hardness as CaCO ₃ (calc.)
311	Mrs. A. G. Boenig	128	May 17, 1937	-	-	-	-	-	21	86	222	-
312	V. Jiral Estate	100	do.	-	-	-	-	-	80	565	55	-
313	Mrs. J. D. Gray	110	do.	-	-	-	-	-	11	100	246	-
314	Mrs. Emma Kloesel	56	do.	-	-	-	-	-	14	48	141	-
315	H. Schawbe	30	May 14, 1937	-	-	-	-	-	21	25	b/	-
316	W. P. A. test	14	May 25, 1937	-	-	-	-	-	20	28	b/	-
317	-- Bennett Estate	-	Apr. 29, 1937	-	-	-	-	-	30	104	200	-
318	W. J. Allen	50	May 14, 1937	-	-	-	-	-	21	46	b/	-
319	A. Bacherman Estate	100	do.	-	-	-	-	-	50	500	86	-
320	Aug. Eilers	65	May 17, 1937	209	18	9	52	110	12	64	b/	80
321	J. H. Dagg	135	do.	-	-	-	-	-	63	445	b/	-
322	F. A. Schuabel	-	Mar. 15, 1937	1,117	12	-	403	406	339	160	-	32
323	Mary Kerpec	98	May 17, 1937	-	-	-	-	-	26	128	b/	-
324	J. W. Boothe	94	do.	-	-	-	-	-	42	265	117	-
325	E. A. Moore	62	May 14, 1937	-	-	-	-	-	12	365	645	-
326	Hy. Frels	130	--	-	-	-	-	-	21	50	39	-
327	W. W. McCormick & Sons	55	Apr. 29, 1937	-	-	-	-	-	21	296	156	-
328	Mrs. T. W. Parks	45	Apr. 27, 1937	-	-	-	-	-	26	270	240	-
329	Mrs. M. Mirchott	-	May 1, 1937	-	-	-	-	-	21	23	48	-
330	Lydia Mahler	54	do.	-	-	-	-	-	17	76	b/	-
331	J. Targac	30	May 17, 1937	-	-	-	-	-	29	270	76	-
332	C. J. Neely	156	do.	-	-	-	-	-	34	128	b/	-
333	H. Petering	100	do.	-	-	-	-	-	17	46	b/	-
334	City of Yoakum	105	Mar. 9, 1936	600	100	9	127	464	28	108	-	285
335	do.	175	do.	501	82	71	83	354	a/	88	-	234
336	do.	175	May 12, 1937	379	25	14	106	232	10	108	-	122
337	S. P. R.R. Co.	84	Mar. 9, 1936	273	32	9	65	214	18	44	-	115
338	do.	63	Apr. 26, 1936	395	-	-	-	372	16	43	-	-
340	A. Wendel	98	May 6, 1937	-	-	-	-	-	47	116	b/	-
341	W. A. Carnes	80	do.	-	-	-	-	-	173	600	b/	-
343	G. W. Heller	95	June 18, 1937	-	-	-	-	-	59	300	b/	-
344	A. M. Hennessy	125	May 1, 1937	376	-	-	-	232	21	100	b/	-
345	W. B. White	126	May 18, 1937	594	98	13	98	250	37	225	b/	348
346	S. P. R.R. Co.	115	Apr. 17, 1936	695	-	-	-	98	48	350	-	-

a/ Sulfate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

Partial analyses of water from wells in Dewitt 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)	Total hardness as CaCO ₃ (calc.)
347	De Witt County Poor Farm	100	May 18, 1937	-	-	-	-	-	54	315	34	-
348	R. W. Blackwell	165	do.	-	-	-	-	-	15	66	b/	-
349	S. Sanders	87	June 18, 1937	342	26	16	60	159	12	150	b/	130
350	S. Adams	126	do.	-	-	-	-	-	a/	90	b/	-
351	C. A. Kaiser	118	do.	-	-	-	-	-	21	175	b/	-
352	Mrs. A. Wysata	87	Mar. 22, 1936	197	16	10	49	122	a/	62	-	81
353	E. E. Placke	72	June 18, 1936	-	-	-	-	-	21	70	b/	-
354	O. H. Leist	59	do.	326	-	-	-	207	a/	100	-	-
355	W. C. Steinmann	80	Apr. 22, 1936	281	78	4	30	305	a/	19	-	212
356	Chas. Kuester	90	do.	283	-	-	-	159	14	85	-	-
357	John Ridgeway	49	do.	322	95	11	14	220	a/	94	-	282
358	H. M. Means	117	do.	321	58	20	41	293	11	47	-	227
359	do.	106	do.	240	-	-	-	226	a/	35	-	-
360	S. C. Parker	107	May 18, 1937	240	-	-	-	207	a/	40	b/	-
361	Mrs. W. J. Parker	90	do.	288	-	-	-	244	17	41	b/	-
362	Jno. Macha	81	do.	-	-	-	-	-	21	270	88	-
363	F. J. Chalupka, Jr.	90	do.	-	-	-	-	-	24	116	b/	-
365	D. R. Carroll	61	Apr. 22, 1936	614	-	-	-	67	25	335	-	-
366	Mrs. S. L. Edwards	70	June 24, 1937	406	94	9	53	342	16	66	b/	275
367	T. Rice	112	--	451	56	11	106	293	32	102	-	187
368	J. F. Garrett	80	June 24, 1937	-	-	-	-	-	46	260	b/	-
369	D. F. Werland	60	do.	543	-	-	-	244	21	200	b/	-
370	H. S. Hollan	80	do.	-	-	-	-	-	20	80	b/	-
371	V. A. Cooper	132	do.	-	-	-	-	-	15	72	b/	-
372	Roy Thompson	104	do.	-	-	-	-	-	26	108	b/	-
373	Ward Stephens	74	do.	696	-	-	-	330	30	245	b/	-
374	S. G. Stevens	77	do.	-	-	-	-	-	54	210	b/	-
375	F. Nickol Estate	62	June 29, 1937	-	-	-	-	-	126	515	b/	-
376	Ebb. Garrett	77	June 24, 1937	-	-	-	-	-	59	315	37	-
377	C. Rosenfelder	65	June 16, 1937	-	-	-	-	-	147	740	38	-
380	C. H. Kuester	90	May 3, 1937	196	36	8	28	127	15	46	b/	125
381	F. M. Sager	80	June 16, 1937	-	-	-	-	-	14	54	34	-
383	A. D. Bailek	92	do.	-	-	-	-	-	27	110	b/	-

a/ Sulfate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

