

TEXAS BOARD OF WATER ENGINEERS

C. S. Clark, Chairman
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FLOYD COUNTY, TEXAS

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

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

April, 1946

FLOYD COUNTY, TEXAS

By

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INTRODUCTION

This publication giving the results of water well surveys in Floyd County to December 1945 is the second such report relating to the county, the first being released on June 30, 1938. This report was prepared in cooperation between the Texas Board of Water Engineers and U. S. Department of the Interior, Geological Survey. It contains records of 623 wells and springs, drillers' logs of 111 wells, chemical analyses of water from 90 wells and springs and results of periodic water-level measurements in 43 observation wells. It also includes a map showing the location of all wells and springs recorded in the tables. Each well or spring is given a number on the map corresponding to the number assigned to it in the records.

About 60 percent of the records were obtained in 1937-38 by W. L. Broadhurst, Joe W. Lang and G. H. Shafer, a part were obtained by W. L. Broadhurst, and W. H. Alexander, Jr., between 1938 and 1944, and the remainder were obtained and many of the earlier records were brought up-to-date by the writers. during September, October and November 1945.

Included in the table of well records is the following information: well number, location and depth of well, names of owner and driller, length and size of casing, depth to the water level on given dates, method of lift and use of water. In the "remarks" column the items of information include the diameter of the pump column, depth of pump setting, yield of pump. in gallons a minute, the drawdown during pumping, and the number of acres irrigated.

The water analyses were made under the supervision of E. W. Lohr or W. W. Hastings, Chemists of the Quality of Water Division of the Federal Geological Survey and Dr. E. P. Schuch, Director of the Bureau of Industrial Chemistry of The University of Texas. The results of the analyses relate only to the mineral constituents in the water and not to its sanitary character.

Grateful acknowledgment is due to the owners of wells and pumping plants in Floyd County who have given their cooperation in the collection of these data. The well drillers and representatives of pump companies also have contributed freely of their information.

A limited number of copies of this report 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 14, Texas.

Records of wells and springs in Floyd County, Texas
All wells are drilled unless noted in the remarks column

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1	14 $\frac{1}{2}$ miles northwest	J. W. Damron	Green Machinery Co.	1936	219	16, 12	1.0
2	13 $\frac{1}{2}$ miles northwest	K. Sammann	D. L. Handley	1937	219	16	1.1
3	do.	T. G. Wortham	--	1933	200	15 $\frac{1}{2}$	0.5
4	do.	do.	Green Machinery Co.	1937	220	16	0.5
5	11 miles northwest	M. C. Scheele	do.	1936	213	16, 11	--
6	12 miles north	A. M. Dietrich	D. L. Handley	1936	224	16	--
7	11 $\frac{1}{2}$ miles north	C. R. Veigel	-- Witt	1937	198	16	1.4
8	12 miles north	Wyatt McLaughlin	F. Moore	1936	200	16, 14	1.5
9	13 miles north	Ernest Lowvorn	-- Casebolt	1937	230	15 $\frac{1}{2}$	1.2
10	12 miles north	Mrs. Tommie Manning	Green Machinery Co.	1936	218	16	--
11	11 $\frac{1}{2}$ miles north	Charlie Merrick	do.	1935	198	18	--
12	11 miles north	J. B. Stevenson	do.	1935	200	16, 14	--
13	10 $\frac{1}{2}$ miles north	L. A. Moore	Buck Patton	1937	296	14	--
14	10 miles north	Herman R. King	--	--	77	8	--
15	11 miles north	W. B. Hatchet	Buck Patton	1936	222	14	--

a/ Measuring point was usually top of casing, top of pipe clamp, or top of pump base or foundation.

b/ Method of lift: T, turbine; C, cylinder; E, electric; G, gasoline, natural gas, butane or oil engine; W, windmill. Number indicates horsepower.

Chemical analyses of water from most of these wells and springs are given in the table of analyses

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
1	59.4 60.9	May 31, 1937 Sept. 15, 1937	T,G, 85	Irr	Casing: 16-inch to 128 feet; 12-inch 128 to 219 feet, 150 feet slotted. Drilled to "Red Beds". Yield 800 gallons a minute and 159 acres under irrigation, reported in 1937.
2	61.6	May 31, 1937	T,E, --	Irr	Cased. Pump set at 126 feet, 9-inch column. Drawdown 30 feet after pumping 950 gallons a minute for 4 hours and 255 acres under irrigation, reported in 1937. See log.
3	63.2	do.	T,G, 50	Irr	Not cased. Drawdown 35 feet after pumping 900 gallons a minute for 4 hours and 286 acres under irrigation, reported in 1937.
4	61.1	do.	T,G, 50	Irr	Cased. Yield 800 gallons a minute and 145 acres under irrigation, reported in 1937.
5	e/	--	T,G, 85	Irr	Cased. Yield 900 gallons a minute and 102 acres under irrigation reported in 1937.
6	--	--	T,E, --	Irr	Cased. Yield 1,000 gallons a minute and 240 acres under irrigation, reported in 1937.
7	65.6	June 1, 1937	T,E, --	Irr	Slotted casing from 54 to 150 feet. Drawdown 23 feet after pumping 1,000 gallons a minute for 30 hours and 260 acres under irrigation, reported in 1937.
8	68.9 73.6	June 1, 1937 Oct. 22, 1945	T,G, 50	Irr	Casing: 16 to 14-inch to 191 feet. Pump set at 110 feet, 9-inch column. Drawdown 25 feet after pumping 1,000 gallons a minute for 24 hours and 160 acres under irrigation, reported in 1937.
9	71.3	Sept. 15, 1937	T,G, 85	Irr	Cased. Yield 1,200 gallons a minute and 75 acres under irrigation, reported in 1937.
10	d/63	--	T,E, --	Irr	Partly cased. Pump set at 80 feet. Measured drawdown by Resettlement Administration, 12 feet while pumping 637 gallons a minute in 1936. Reported to have irrigated 340 acres in 1937.
11	--	--	T,E, --	Irr	Cased. Pump set at 84 feet, 8-inch column. Estimated yield 1,000 gallons a minute in 1939. Reported to have irrigated 265 acres in 1937.
12	--	--	T,E, --	Irr	Casing: 16 and 14-inch. Yield 800 gallons a minute and 171 acres under irrigation in 1937. See log.
13	--	--	T,G, 85	Irr	Cased to 196 feet. Pump set at 110 feet, 8-inch column. Estimated yield 900 gallons a minute. Reported to have irrigated 190 acres in 1937.
14	e/	--	None	N	
15	--	--	T,E, --	Irr	Cased to 206 feet. Pump set at 110 feet, 9-inch column. Yield 1,100 gallons a minute and 160 acres under irrigation, reported in 1937.

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

d/ Water level reported by driller or owner.

e/ Observation well, see table of water level measurements.

Records of wells and springs in Floyd County--Continued

Well	Distance from Luckney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
16	11 miles north	Herman R. King	D. L. Handley	1936	227	16	1.5
17	11½ miles north	S. A. L. Morgan	Green Machinery Co.	1936	215	--	--
19	12 miles north	Geo. Meriwether	John Griffith	1937	200	--	--
20	11½ miles north	Tom McGehee	F. L. Moore	1936	215	14,12	--
21	do.	W. T. Rankin	do.	1937	185	16	--
22	10 miles north	T. J. Word	do.	1936	196	16,12	--
23	10½ miles north	G. C. Applewhite	Green Machinery Co.	1935	216	18,14, 10	--
24	11 miles north	do.	Peerless Pump Co.	1936	220	18,14	--
25	12½ miles north	Artie Baker	Baker Pump Co.	1936	292	--	1.2
26	do.	E. M. Lawson	--	1937	226	15	--
27	12 miles north	Dorsey Baker	Baker Pump Co.	1937	--	--	--
28	9½ miles north	J. C. Anderson	--	Old	105	4	0.5
29	10½ miles north	J. B. True	W. D. Casebolt	1937	232	16	1.0
30	10 miles north	J. T. Hudson	Baker Pump Co.	1937	260	--	1.5
31	9½ miles north	Herman R. King	D. L. Handley	1936	217	--	1.6
32	9 miles north	Frank Whitfill	Green Machinery Co.	1937	215	16,10	--
33	do.	T. Z. Reed	--	1936	202	--	1.5
34	8 miles north	Robert W. Smith	Campbell and Fish	1937	236	14	--
35	7½ miles north	R. C. Underwood	--	--	--	--	0.4

Well	LEVEL		Method of lift	Use of water	Remarks
	WATER	Date of measurement			
	Below land surface (ft.)		b/	c/	
16	68.6	Sept. 22, 1937	T, E, --	Irr	Cased. Pump set at 130 feet, 8-inch column. Yield 800 gallons a minute, 203 acres under irrigation, reported in
17	--	--	None	N	Pump removed. New well 100 yards north. Reported to have irrigated
19	--	--	T, E, --	Irr	Reported to have 420 acres in 1937. irrigated 218 acres in 1937.
20	a/80	--	T, E, --	Irr	Casing: 180 feet of 14-inch and 48 feet of 12-inch. Pump set at 110 feet, 8-inch column. Drawdown 20 feet after pumping 800 gallons a minute for 24 hours and 138 acres under irrigation,
21	--	--	T, E, --	Irr	Cased. Pump set at 110 feet, 8-inch column. Yield 800 gallons a minute and 300 acres under irrigation, reported in 1937.
22	--	--	T, E, --	Irr	Casing: 92 feet of 16-inch, 92 feet of 14-inch, and 16 feet of 12-inch. Pump set at 110 feet, 8-inch column. Measured yield 650 gallons a minute in 1939.
23	--	--	T, E, --	Irr	Cased below water level with 18, 14 and 10-inch. Yield 900 gallons a minute and 334 acres under irrigation, reported in
24	--	--	T, E, --	Irr	Casing: 18 and 14-inch. Yield 1,000 gallons a minute and 250 acres under irrigation, reported in 1937.
25	90.5	Sept. 22, 1937	T, E, --	Irr	Pump set at 110 feet, 8-inch column. Yield 900 gallons a minute and 257 acres under irrigation, reported in 1937.
26	--	--	T, E, --	Irr	Cased. Yield 900 gallons a minute and 114 acres under irrigation, reported in
27	--	--	T, G, 85	Irr	1937.
28	96.7 97.6	May 13, 1937 Mar. 6, 1940	C, W	N	
29	97.7	Sept. 22, 1937	T, G, 85	Irr	Cased to 209 feet. Pump set at 140 feet, 9-inch column. Yield 1,000 gallons a minute and 90 acres under irrigation,
30	91.5	June 11, 1937	T, G, 85	Irr	Reported to have irrigated 280 acres in 1937.
31	97.4	May 13, 1937	T, G, 85	Irr	"Red Beds" at 215 feet. Yield 1,000 gallons a minute and 165 acres under irrigation, reported in 1937.
32	e/	--	T, G, 100	Irr	Casing: 16 and 10-inch. Pump set at 110 feet. Yield 800 gallons a minute and 65 acres under irrigation, reported in 1937.
33	91.2	June 11, 1937	T, G, 85	Irr	Pump set at 120 feet, 8-inch column. Reported to have irrigated 331 acres in
34	--	--	--	N	Formerly used for irrigation. Pump moved to well 634 nearby.
35	61.0	May 2, 1936	C, W	D, S	

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
36	8½ miles north	R. W. Smith	F. L. Moore	1936	182	16,14	--
37	9½ miles north	Mrs. J. H. Phillips	Campbell and Fish	1937	245	16	--
38	do.	O. C. Harris	Green Machinery Co.	1936	200	--	--
39	do.	Mrs. J. T. Jarboe	Baker Pump Co.	1937	195	15	--
40	9 miles north	T. V. Rankin	Campbell and Fish	1937	202	15	--
41	do.	J. W. Shepers	--	--	--	--	0.8
42	8½ miles north	L. T. Bourland	Green Machinery Co.	1935	196	16,12	--
43	do.	T. E. Cowart	Baker Pump Co.	1937	200	16,14	--
44	10 miles north	R. J. McLaughlin	--	--	--	--	1.3
45	10½ miles north	Mrs. T. L. Dorsett	Campbell and Fish	1937	206	14	1.2
46	9½ miles north	C. R. Veigel	F. L. Moore	1937	209	16	1.5
47	10½ miles northwest	K. Sammann	D. L. Handley	1934	210	16,14	1.4
48	do.	Plainview Lockney Farms	Lynn Olive	1937	215	16	1.3
49	11½ miles northwest	Ben Brandes	D. L. Handley	1935	220	16	1.5
50	10½ miles northwest	G. R. Street	Green Machinery Co.	1936	212	16,12	1.2
51	10 miles northwest	Ralph Brown	Bradford Supply Co.	1937	210	16	1.5

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
36	--	--	T,E, --	Irr	Casing: 16 and 14-inch. Pump set at 110 feet, 8-inch column. Yield 800 gallons a minute and 143 acres under irrigation, reported in 1937.
37	--	--	T,G, 85	Irr	Cased. Pump set at 120 feet, 9-inch column. Yield 1,000 gallons a minute and 152 acres under irrigation, reported in 1937.
38	--	--	T,G, 85	Irr	Pump set at 120 feet, 8-inch column. Measured yield 871 gallons a minute in 1940. Reported to have irrigated 230 acres in 1937.
39	--	--	T,G, 85	Irr	Casing: 169 feet. Pump set at 110 feet, 9-inch column. Drawdown 27 feet after pumping 1,000 gallons a minute for 1 hour, and 178 acres under irrigation, reported in 1937.
40	d/70	--	T,E, --	Irr	Cased. Pump set at 110 feet, 9-inch column. Drawdown 27 feet after pumping 1,200 gallons a minute for 7 days, and 255 acres under irrigation, reported in 1937.
41	64.0 65.5	May 2, 1936 Apr. 30, 1937	C,W	D,S	
42	--	--	T,E	Irr	Casing: 16 and 12-inch. Pump set at 96 feet, 8-inch column. Yield 800 gallons a minute and 270 acres under irrigation, reported in 1937.
43	--	--	T,G, 80	Irr	Casing: 16 and 14-inch below 70 feet. Pump set at 100 feet, 9-inch column. Yield 1,000 gallons a minute and 237 acres under irrigation, reported in 1937.
44	61.7 67.7	May 5, 1936 Mar. 11, 1941	C,W	N	
45	58.7	June 1, 1937	T,E, --	Irr	Cased. Pump set at 90 feet, 8-inch column. Yield 800 gallons a minute and 137 acres under irrigation, reported in 1937.
46	60.7	do.	T,E, --	Irr	Yield 900 gallons a minute and 255 acres under irrigation, reported in 1937.
47	58.3	do.	T,E, --	Irr	Casing: 16, 14 and 12-inch. Pump set at 80 feet, 8-inch column. Drawdown 20 feet after pumping 800 gallons a minute for 8 hours and 274 acres under irrigation, reported in 1937.
48	57.9	do.	T,G, 85	Irr	Cased. Pump set at 120 feet, 10-inch column. Yield 1,000 gallons a minute and 208 acres under irrigation, reported in 1937.
49	53.9	do.	T,G, 50	Irr	Yield 1,000 gallons a minute and 300 acres under irrigation, reported in 1937. See log.
50	53.6	do.	T,G, 50	Irr	Casing: 90 feet of 16-inch; 85 feet of slotted 12-inch. Yield 1,000 gallons a minute and 405 acres under irrigation, reported in 1937.
51	51.8	do.	T,G, 50	Irr	Cased. Pump set at 90 feet. Drawdown 40 feet after pumping 1,000 gallons a minute for 24 hours and 167 acres under irrigation, reported in 1937.

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
52	10 miles northwest	Ralph Brown	---	1935	210	16,10	1.2
53	9 $\frac{1}{2}$ miles northwest	Ben O. Quebe	-- Mullins	1936	205	15 $\frac{1}{2}$	0.8
54	8 $\frac{1}{2}$ miles northwest	Taylor Golden	Cook and Pate	1934	221	---	1.3
55	8 miles northwest	Ben O. Quebe	D. L. Handley	1935	200	---	0.8
56	8 $\frac{1}{2}$ miles northwest	do.	-- Mullins	1930	212	16,14	1.0
57	7 $\frac{1}{2}$ miles northwest	T. L. Wilhite	---	---	---	---	---
58	7 miles north	T. H. Boedeker	D. L. Handley	1936	227	16	---
59	6 $\frac{1}{2}$ miles northwest	R. L. Brown	J. C. Cook	1935	219	14,10	1.5
60	6 miles northwest	do.	Buck Patton	1936	265	14	---
61	do.	do.	-- Altman	1937	250	18	---
62	5 $\frac{1}{2}$ miles north	C. H. Huffman	Green Machinery Co.	1935	227	15,12	---
63	do.	W. O. Speck	D. L. Handley	1937	240	16,14	---
64	do.	William Wood	--- Fish	1937	287	14	---
65	do.	France Baker	Baker P mp Co.	1937	200	16,12	---

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
52	52.2	June 1, 1937	T,G, 50	Irr	Casing: 90 feet of slotted 10-inch at bottom. Pump set at 80 feet. Estimated yield 900 gallons a minute in 1937. Same year 300 acres reported under irri-
53	49.9 51.2	June 3, 1937 Mar. 25, 1940	T,E, --	Irr	Cased. Pump set at 100 feet. Measured drawdown 74 feet after pumping 787 gallons a minute for 36 hours in 1940. Reported to have irrigated 265
54	54.9	June 3, 1937	T,G, 85	Irr	Casing: 15 $\frac{1}{2}$ -inch from 45 to 145 feet; 10-inch casing from 141 to 221 feet. Measured drawdown 28.5 feet after pumping 820 gallons a minute for 12 hours in 1938. Reported to have irrigated 270 acres in 1937.
55	59.1 59.2	June 3, 1937 Mar. 21, 1940	T,G, 50	Irr	Pump set at 100 feet. Measured drawdown 38.5 feet after pumping 1,020 gallons a minute for 60 hours in 1940. Reported to have irrigated 370 acres in 1937.
56	59.0	Mar. 23, 1940	T,G, 50	Irr	Casing: 16 and 14-inch. Pump set at 100 feet. Measured drawdown 34 feet after pumping 855 gallons a minute for 36 hours in 1940. Reported to have irri-
57	e/	--	C,W	D	gated 295 acres in 1937.
58	--	--	T,G, 85	Irr	Cased. Pump set at 90 feet, 9-inch column. Yield 900 gallons a minute and 288 acres under irrigation, reported in
59	62.5	Apr. 28, 1936	T,G, 85	Irr	Casing: 14 and 10-inch. Pump set at 90 feet, 8-inch column. Drawdown 46 feet while pumping 650 gallons a minute and 200 acres under irrigation, reported in 1937.
60	--	--	T,G, 85	Irr	Cased. Pump set at 100 feet, 9-inch column. Yield 800 gallons a minute and 200 acres under irrigation, reported in 1937.
61	--	--	T,G, 85	Irr	No casing.
62	d/70	--	T,G, 85	Irr	Casing: 15 and 12-inch to 207 feet. Pump set at 208 feet, 8-inch column. Yield 750 gallons a minute and 255 acres under irrigation, reported in 1937. See
63	--	--	T,G, 55	Irr	Casing: 16 and 14-inch. Pump set at 140 feet, 8-inch column. Measured yield 610 gallons a minute in 1939. Reported to have irrigated 79 acres in
64	d/73	--	T,G, 80	Irr	Cased. Pump set at 130 feet, 9-inch column. Yield 1,000 gallons a minute and 50 acres under irrigation, reported in 1937.
65	--	--	T,G, 85	Irr	Casing: 16 and 12-inch. Pump set at 130 feet, 9-inch column. Yield 800 gallons a minute and 290 acres under irrigation in 1937.

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
66	5 miles north	Ruby Merrick	John Griffith	1937	204	16	--
67	6½ miles north	P. L. Buth	F. L. Moore	1935	189	16,14	--
68	do.	Plainview Lockney Farms	Buck Patton	1937	286	--	1.0
69	6 miles north	Joe McCollum	do.	1937	240	--	2.0
70	do.	J. S. Drennan	--	1936	258	16	--
70a	do.	do.	--	Old	--	4½	0.0
72	do.	Plainview Lockney Farms	M. A. Patton	1936	260	16	1.8
73	5½ miles north	First National Bank of Lockney	Baker Pump Co.	1936	250+	--	1.0
74	7 miles northeast	W. H. Johnson	-- Gorman	1937	208	14	--
75	8½ miles northeast	Irvin Bennett	--	--	123	--	0.3
76	8 miles northeast	Mrs. Laura Screlle	Burney Fish	1945	261	16,14	1.5
77	10 miles northeast	-- Johnson	--	--	150	4½	1.0
78	11½ miles northeast	J. H. Fowler	--	--	138	--	0.2
79	12½ miles northeast	do.	Dave Loughborough	--	123	6	0.2
80	14 miles northeast	Sim Reeves	-- Watkins	1893	110	4½	2.8
81	11½ miles northeast	T. J. Welsh	--	--	172	10	2.0
82	10½ miles northeast	R. C. Bennett	--	--	146	--	1.2
83	12 miles northwest	Mrs. W. C. Dley	A. W. Fish	1945	205	16	--
84	10 miles northwest	Stewart McKallip	Green Machinery Co.	1945	207	16	--
85	9½ miles northeast	--	--	--	129	--	0.9

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
66	d/75	--	T,E, --	Irr	Cased. Pump set at 110 feet, 8-inch column. Measured yield 610 gallons a minute in 1939. Reported to have irrigated 255 acres in 1937.
67	d/67	--	T,E, --	Irr	Casing: 16 and 14-inch. Pump set at 100 feet, 8-inch column. Measured drawdown 35 feet while pumping 584 gallons a minute in 1936. Reported to have irrigated 432 acres in 1937.
68	74.5	June 10, 1937	T,E, --	Irr	Casing: 230 feet. Pump set at 120 feet, 8-inch column. Estimated yield 600 gallons a minute in 1937; same year 215 acres reported under irrigation.
69	89.5 82.1	June 10, 1937 Dec. 16, 1938	T,E, --	Irr	Estimated yield 800 gallons a minute. Reported to have irrigated 243 acres in 1937.
70	--	--	T,G, 30	Irr	Cased. Pump set at 120 feet, 8-inch column. Reported to have irrigated 205 acres in 1937.
70a	74.2	May 1, 1936	C,W	D,S	
72	81.9	May 13, 1937	T,G, 85	Irr	Pump set at 100 feet, 8-inch column. Measured yield 622 gallons a minute in August 1937; same year 223 acres reported under irrigation.
73	79.8	Sept. 24, 1937	T,E, 40	I	Pump set at 130 feet, 9-inch column. Yield 900 gallons a minute and 317 acres under irrigation, reported in 1937.
74	--	--	T,E, --	Irr	Cased. Pump set at 130 feet, 8-inch column. Estimated yield 800 gallons a minute in 1937; 185 acres reported under irrigation same year.
75	110.2	Dec. 17, 1937	C,W	D,S	
76	124.0	Sept. 21, 1945	T,G, 80	Irr	Casing: 16 and 14-inch. Pump set at 140 feet.
77	116.6	Dec. 18, 1937	C,W	D,S	Water level measured while pumping.
78	123.2	do.	C,W	D,S	
79	115.3 115.3	Dec. 15, 1937 Dec. 15, 1938	None	N	
80	94.1	Dec. 18, 1937	C,W	D,S	Water level measured while pumping.
81	156	Dec. 15, 1937	C,W	D,S	
82	134.6	Dec. 18, 1937	C,W	D,S	
83	--	--	T,G, 100	Irr	Cased. Pump set at 90 feet, 10-inch column. See log.
84	d/60	--	T,G, 100	Irr	Cased. Pump set at 110 feet, 10-inch column. See log.
85	119.8	Dec. 16, 1937	C,W	N	

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
86	7 miles northeast	Mason Davis	Glen Griffith	--	146	--	0.8
87	8½ miles northeast	A. R. Meriwether	--	1937	187	--	1.2
88	9½ miles northwest	Chas. Buth	Leo Coger	1940	200	16	1.0
89	8½ miles northwest	J. E. Stair	W. J. Altman	1941	220	15	1.0
90	8 miles northwest	-- McCarley	Green Machinery Co.	1938	240	16	1.0
91	7 miles northwest	Edwin Boedeker	K & P Drilling Co.	1945	233	16	0.3
92	7½ miles northwest	Chas. Boedeker	-- Altman	1944	233	16	--
93	8 miles northwest	Passumpic Savings Bank	F. L. Witt	1940	175	15	--
94	9½ miles northwest	W. O. Wylie	--	1944	160	16	--
95	9 miles northwest	H. H. Samman, Jr.	Green Machinery Co.	1938	200+	--	0.6
96	9½ miles northwest	R. J. McLaughlin	-- McDaniels	1938	202	16	--
97	11 miles northwest	C. R. Veigel	--	1940	218	15	--
98	12 miles northwest	Wyatt McLaughlin	D. L. Handley	1945	--	--	2.0
99	12 miles north	-- Nix	-- Snell	--	--	--	2.0
100	7 miles northwest	George W. Long	A. W. Fish	1945	204	16	--
101	8½ miles northwest	G. E. Tannahill, Jr.	Green Machinery Co.	1935	200	15½, 11½	--
102	8 miles northwest	L. P. Cox	Jim Cook	1935	200	14,10	--
103	7½ miles northwest	T. L. & D. Co.	T. L. & D. Co.	Old	--	--	--
104	8 miles northwest	Mrs. C. C. Adams	Bradford Supply Co.	1937	202	15½, 11½	--
105	7 miles northwest	T. L. & D. Co.	T. L. & D. Co.	1915	294	24,12½	0.0

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
86	130.0	Dec. 15, 1937	C,W	D,S	
87	171.1	Dec. 16, 1937	C,W	D	
88	59.4	Oct. 22, 1945	T,E, --	Irr	Pump set at 110 feet.
89	58.0	do.	T,G, 95	Irr	Casing: 177 feet plain; 44 feet slotted. See log.
90	59.3	do.	T,G, --	Irr	Cased. Pump set at 84 feet, 8-inch column.
91	75.9	Oct. 29, 1945	T,G, 85	Irr	Cased. Pump set at 120 feet, 8-inch column.
92	d/72	--	T,G, 100	Irr	Cased to 181 feet. Pump set at 120 feet.
93	--	--	T,G, 95	Irr	Cased. Pump set at 100 feet, 8-inch column. See log.
94	d/60	--	T,E, --	Irr	Pu p set at 90 feet, 8-inch colu n.
95	62.7	Dec. 14, 1938	T,E, --	Irr	
96	d/68	--	T,G, 80	Irr	Cased to 140 feet. Pump set at 110 feet, 9-inch column. Measured drawdown 23.3 feet after pumpi g about 900 gallons a minute for 36 hours in 1938. "Red Beds"
97	d/68	--	T,G, --	Irr	Pump set at 110 feet, at 200 feet. 9-inch column. See log.
98	74.8	Dec. 22, 1945	T,G, 80	Irr	
99	84.7	do.	T,G, 100	Irr	
100	--	--	T,G, 100	Irr	Cased. Pump set at 100 feet, 8-inch column. See log.
101	--	--	T,G, 50	Irr	Casing: 15½ and 11½-inch from water level to bottom. Pump set at 84 feet, 8-inch column. Yield 800 gallons a minute and 145 acres under irrigation, reported in
102	d/42	--	T,G, 85	Irr	Casing: 14 and 10-inch from 1937. water to bottom. Pump set at 70 feet, 9-inch column. Drawdown 27 feet after pumping 960 gallons a minute for 2 hours, and 75 acres under irrigation, reported
103	--	--	T,G, 35	Irr	Reported to have irrigated in 1937. 70 acres in 1937.
104	--	--	T,G, 85	Irr	Casing: 15½ and 11½-inch from water level to bottom. Pump set at 90 feet, 8-inch column. Yield 700 gallons a minute and 330 acres under irrigation, reported in
105	50	Dec. 1, 1915	T,G, 60	Irr	Casing: 24 and 12½-inch to 281 1937. feet. Pu p set at 76 feet. Yield 900 gallons a minute and 139 acres under irrigation from this well and well 106 reported in 1937.

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
106	7 miles northwest	T. L. & D. Co.	T. L. & D. Co.	1916	286	24	---
107	do.	do.	do.	1914	277	18, 12 $\frac{1}{2}$	0.0
108	6 $\frac{1}{2}$ miles northwest	do.	do.	1914	278	24, 12 $\frac{1}{2}$	---
109	do.	do.	do.	Old	--	16	2.0
110	do.	do.	do.	Old	281	16	2.0
111	7 miles northwest	do.	do.	1914	278	20	--
112	do.	do.	do.	1914	281	18, 12 $\frac{1}{2}$	--
113	6 miles northwest	do.	do.	1915	305	24, 12 $\frac{1}{2}$	0.3
114	6 $\frac{1}{2}$ miles northwest	West Texas Cotton Oil Co.	do.	1913	216	16	--
115	do.	do.	do.	1913	281	18	--
116	do.	do.	do.	1914	274	16	--
117	5 $\frac{1}{2}$ miles northwest	do.	J. A. Asher	1937	330	18	0.4
118	5 miles northwest	do.	Cook and Pate	1935	219	16, 12 $\frac{1}{2}$	--
119	do.	Guy Ramsey	Baker Pump Co.	1937	268	--	--
120	4 $\frac{1}{2}$ miles northwest	Francis Carthel	F. L. Moore	1937	210	15 $\frac{1}{2}$	0.7
121	do.	T. B. Mitchell	Buck Patton	1936	245	16	--

Well	WATER LEVEL		Method of lift b/	Use of water c/	Remarks
	Below land surface (ft.)	Date of measurement			
106	e/	--	T,E, --	Irr	Yield 900 gallons a minute reported in 1937.
107	49.0	Jan. 21, 1914	T,E, --	Irr	Casing: 18 and 12 $\frac{1}{2}$ -inch. Pump set at 75 feet. Reported to have irrigated 156
108	e/	--	T,E, 40	Irr	Casing: 76 feet of 24- inch; 19 $\frac{1}{2}$ feet of 12 $\frac{1}{2}$ -inch. New pump installed in 1940. Measured drawdown 38.9 feet after pumping 890 gallons a minute for 23 hours in April 1938; reported 160 acres under irrigation same
109	55.8 57.0	Oct. 28, 1937 Mar. 29, 1938	None	N	Not used for irrigation for several years.
110	55.3	Oct. 28, 1937	T,G	Irr	New pump installed in old well.
111	e/	--	T,-	N	Casing: 75 feet of 20-inch; 44 feet of 12 $\frac{1}{2}$ -inch; 150 feet of 10-inch. Not used for irrigation since 1941. See log.
112	e/	--	T,G, 60	Irr	Casing: 75 feet of 18-inch; 192 feet of 12 $\frac{1}{2}$ -inch. New pump set at 100 feet, 8-inch column. Yield 800 gallons a minute and 148 acres under irrigation,
113	56.3	Apr. 28, 1936	T,G, 60	Irr	Casing: 24-inch to 80 feet, then 12 $\frac{1}{2}$ -inch. Pump set at 75 feet. Reported to have irrigated 147
114	d/49	July --, 1913	T,G, 60	Irr	Cased. Pump set at 130 feet, 10-inch column. Yield 1,000 gallons a minute and 120 acres under
115	d/49	Nov. 12, 1913	T,E, 100	Irr	Cased. irrigation, reported in 1937. Pump set at 150 feet, 12-inch column. Measured yield 1,910 gallons a minute in 1939. Reported to have irrigated 745 acres from this well and wells 116 and
116	d/49	July 15, 1914	T,E, 50	Irr	Casing: 16 and 14-inch to 220 feet. Pump set at 130 feet, 10-inch column. Measured yield 808 gallons
117	63.8	Sept. 28, 1937	--	--	Cased. Pump set at 145 feet. Measured drawdown 80.0 feet after pumping 1,737 gallons a minute for
118	d/61	--	T,E, 75	Irr	Casing: 60 feet of 16-inch and 130 feet of 12 $\frac{1}{2}$ -inch. Pump set at 110 feet, 9-inch column. Estimated yield 1,000 gallons a minute in 1937.
119	--	--	T,G, 85	Irr	Pump set at 100 feet, 9-inch column. Yield 900 gallons a minute and 175 acres under irrigation, reported in 1937.
120	56.7 63.4	June 10, 1937 Feb. 15, 1945	T,E, --	Irr	Cased to 80 feet. Pump set at 80 feet, 9-inch column. Estimated yield 800 gallons a minute in 1937. Same year 142 acres reported under irrigation.
121	--	--	T,G, 85	Irr	Cased. Yield 1,000 gallons a minute and 291 acres under irrigation, reported in 1937.

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
122	4½ miles northwest	W. A. Carthel	Green Machinery Co.	1935	171	14	--
123	do.	B. R. Carthel	do.	1937	--	--	--
124	3½ miles northwest	Rosa Lee Carthel	--	--	50	6	--
125	4½ miles north	M. S. Tannahill	Green Machinery Co.	1936	256	16,10	--
126	do.	Don Griffith	John Griffith	1937	220	16,13	--
127	do.	John Griffith	do.	1936	206	16	--
128	do.	C. A. Griffith	do.	1937	208	16	--
129	do.	Leo Cooper	C. Y. Gorman	1936	246	14	--
130	3 miles north	C. C. McDowell	--	1937	235	--	1.3
132	2¾ miles northeast	M. D. Aterburn	E. Sossaman	1937	189	16	1.2
133	2½ miles north	Paul Cooper	Peerless Pump Co.	1936	287	16	--
134	2 miles north	Ed. Whitfill	D. L. Handley	1937	250	18	--
135	2¼ miles north	Mrs. J. F. Bickley	Green Machinery Co.	1935	220	15,11½	--
136	2¼ miles northwest	F. A. Cuyas	--	1936	--	--	1.3
137	2¾ miles north	John Belt	F. L. Moore	1935	175	16	--
138	3 miles northwest	John T. Carthel	Green Machinery Co.	1934	201	11½	--
139	do.	L. R. Collis	T. L. & D. Co.	Old	216	26	--
140	3½ miles northwest	Wayne Holt	do.	1913	292	--	--
141	4 miles northwest	A. P. Shugart	M. A. Patten	1936	300	16	--

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
122	--	--	T,E, --	Irr	Cased below 80 feet. Pump set at 84 feet, 8-inch column. Yield 800 gallons a minute, and 204 acres under irrigation
123	--	--	T,E, --	Irr	Yield 800 gallons a minute, and 92 acres under irrigation, reported in 1937.
124	e/	--	C,W	D,S	reported in 1937.
125	--	--	None	N	Casing pulled, well filled. New well drilled nearby. Reported to have irri-
126	--	--	T,E, --	Irr	Casing: 100 feet of 16 and 13-inch. Pump set at 120 feet, 8-inch column. Yield 900 gallons a minute, and 200 acres under irrigation, gated 200 acres in 1937.
127	--	--	T,E, --	Irr	Yield 800 gallons a minute, and 181 acres under irrigation, reported in 1937.
128	d/76	--	T,E, --	Irr	Yield 800 gallons a minute, and 103 acres under irrigation, reported in 1937.
129	d/70	Mar. 15, 1937	T,E, --	Irr	Cased to 240 feet. Measured yield 690 gallons a minute in 1939. Reported to have irrigated 404 acres in 1937. See log.
130	75.6	June 10, 1937	T,E, --	Irr	Estimated yield 900 gallons a minute in 1937; 270 acres reported under irrigation same year.
132	75.1	Sept. 24, 1937	T,G, 85	Irr	Estimated yield 800 gallons a minute in 1937; 65 acres reported under irrigation same year. See log.
133	d/70	--	T,E, 30	Irr	Cased to 220 feet. Pump set at 120 feet, 8-inch column. Drawdown 40 feet after pumping 800 gallons a minute for 48 hours reported in 1937, 413 acres reported under irrigation same year.
134	--	--	T,E, --	Irr	Cased. Yield 1,200 gallons a minute and 355 acres under irrigation, reported in 1937.
135	d/62	1935	None	N	Abandoned and filled. New well drilled on higher ground. Reported to have irrigated 250 acres in 1937. See log.
136	64.1	Nov. 29, 1938	T,E, 30	Irr	Yield 800 gallons a minute, and 130 acres under irrigation, reported in 1937.
137	--	--	T,E, --	Irr	Reported to have irrigated 86 acres in 1937.
138	--	--	T,E, 30	Irr	Casing: 11 $\frac{1}{2}$ -inch from 60 to 104 feet. Measured yield 600 gallons a minute in 1940; 309 acres under irrigation, reported in 1937. See log.
139	e/	--	T,E, 40	Irr	Well used since 1941 when new pump installed.
140	e/	--	T,E, --	Irr	Yield 800 gallons a minute and 71 acres under irrigation, reported in 1937.
141	d/62	--	T,E, --	Irr	Cased. Pump set at 100 feet, 9-inch column. Drawdown 28 feet after pumping 900 gallons a minute for 3 hours reported in 1937; same year 400 acres reported under irrigation.

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
142	4½ miles northwest	G. J. Perkins	T. L. & D. Co.	1915	274	24, 12½	3.5
143	5 miles northwest	Plainview Lockney Farms	do.	1913	274	24, 12½	--
144	do.	L. W. Landrum	do.	1913	218	24, 12½	0.0
145	5½ miles northwest	J. W. Jennings	do.	1913	212	24, 12	--
146	do.	W. H. Reue	do.	1915	280	--	--
147	do.	W. A. Griffith	do.	1913	205	24, 12½	--
148	6½ miles west	E. Q. Perry	do.	1914	278	26	0.0
149	6½ miles northwest	do.	do.	1914	294	--	--
150	7 miles northwest	M. S. Gholson	do.	1914	277	26	--
151	7 miles west	Harold O. Poole	do.	1914	244	--	--
152	do.	O. M. Cox	--	1937	210	15½, 10	1.3
152a	do.	do.	--	--	--	4½	0.3
153	6½ miles west	J. C. Thomas and Son	E. T. Felty	Old	275	24, 12½	--
154	do.	S. C. Richardson	T. L. & D. Co.	Old	--	--	--
155	6 miles west	G. M. Tate	do.	1914	278	18	0.8
156	do.	T. L. & D. Co.	do.	1914	278	18, 12½	0.8
157	do.	do.	do.	1916	286	24, 12½	--
158	5½ miles west	do.	do.	1916	288	24, 12½	--
159	do.	do.	do.	1916	279	24, 13	0.0
160	do.	do.	do.	1916	316	24	0.0

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
142	57.0 68.7	Nov. 3, 1915 Feb. 15, 1944	T, E, 40	Irr	Casing: 24-inch to 100 feet then 12 $\frac{1}{2}$ -inch. Pump set at 100 feet, 8-inch column; 99 acres under irrigation, re-
143	e/	--	T, E, --	Irr	Casing: 24-inch to 65 feet then 12 $\frac{1}{2}$ -inch. Pump set at 60 feet, 9-inch column, 140 acres under irriga-
144	55.0 66.5	July --, 1913 Apr. 14, 1938	T, E, 40	Irr	Pump set at 90 feet. Yield 1,000 gallons a minute and 118 acres under irrigation, reported
145	--	--	T, G, 60	Irr	Pump set at 90 feet, 8-inch column. Yield 1,200 gallons a minute, reported
146	--	--	T, G, 100	Irr	Pump set at 65 feet. Yield 750 gallons a minute, and 50 acres under irrigation, reported in 1937.
147	d/49	Aug. --, 1913	T, G, 25	Irr	Casing: 24 and 12 $\frac{1}{2}$ -inch. Pump set at 63 feet. Yield 800 gallons a minute, and 132 acres under irrigation in 1937.
148	52	May 4, 1936	T, G, 60	Irr	Casing: 26-inch to 76 feet. Pump set at 74 feet. Reported to have irrigated 307 acres in 1937 from this well and well 149.
149	--	--	T, G, --	N	Not used since 1940.
150	e/	--	None	N	Not used since 1935 or before.
151	--	--	T, G, 50	Irr	New pump set at 100 feet, 8-inch column. Measured yield 750 gallons a minute with old pump in 1939. Reported to have irrigated 162 acres in 1937.
152	51.7 68.9	June 4, 1937 Sept. 22, 1945	None	N	Pump pulled. New well drilled in Hale County to replace this well in November 1943. Reported to have irrigated 333 acres in 1937.
152a	52.5	May 4, 1936	C, W	D	
153	e/	--	T, E, --	Irr	Casing: 24-inch to 75 feet then 12 $\frac{1}{2}$ -inch to bottom. Yield 1,000 gallons a minute, reported in 1937.
154	--	--	T, E, 60	Irr	New pump set at 100 feet, 8-inch column. Reported to have irrigated 95 acres in 1937.
155	47.5 53.4	Mar. 12, 1914 Apr. 27, 1936	T, G, 85	Irr	Casing: 18-inch to 76 feet. Pump set at 90 feet, 8-inch column. Reported to have irrigated 79 acres in 1937.
156	48.0 55.0	Apr. 24, 1914 June 11, 1937	T, G, 45	Irr	Casing: 18, 12 $\frac{1}{2}$ and 10-inch. Well formerly un-
157	e/	--	T, G, 60	Irr	Measured drawdown 23.4 feet while pumping 770 gallons a minute in 1939. Reported to have irrigated 75 acres in 1937.
158	d/49	Feb. 16, 1916	T, G, 40	Irr	Casing: 24 and 12 $\frac{1}{2}$ -inch. Pump set at 75 feet. Reported to have irrigated 45 acres in 1937.
159	d/51	June 19, 1916	T, G, --	Irr	Casing: 24 and 13-inch. Pump set at 78 feet. Reported to have irrigated 40 acres in 1937.
160	d/49	Nov. 28, 1916	T, G, --	Irr	Pump set at 85 feet. Reported to have irrigated 44 acres in 1937.

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
161	5 $\frac{1}{2}$ miles west	T. L. & D. Co.	T. L. & D. Co.	1914	278	24, 12 $\frac{1}{2}$	--
162	4 $\frac{3}{4}$ miles west	Oscar Golden	Green Machinery Co.	1937	150	16, 14	--
163	4 miles west	B. B. Wilkes	C. Y. Gorman	1937	206	14	1.0
164	4 miles northwest	Mrs. J. E. Linenfelser	-- Fish	1937	252	16	--
165	3 $\frac{1}{2}$ miles west	B. B. Wilkes	D. L. Handley	1937	244	16 $\frac{1}{2}$	--
166	3 $\frac{1}{2}$ miles northwest	Louis Cummings	Green Machinery Co.	1936	203	--	--
167	3 miles northwest	Sam Howell	do.	1935	190	16, 12, 10	--
168	2 $\frac{1}{4}$ miles northwest	Albert Thomas	do.	1935	205	14	--
169	2 $\frac{1}{2}$ miles northwest	do.	T. L. & D. Co.	1914	--	--	--
170	2 miles northwest	W. J. Griffith	Green Machinery Co.	1934	202	15 $\frac{1}{2}$, 11 $\frac{1}{2}$, 8	--
171	1 $\frac{1}{2}$ miles northwest	do.	--	1935	--	--	--
172	1 $\frac{1}{2}$ miles north	do.	Green Machinery Co.	1937	200	16	1.2
173	1 $\frac{1}{4}$ miles north	C. J. Taylor	D. L. Handley	1937	253	16, 13	--
174	1 $\frac{1}{2}$ miles north	do.	do.	1936	250	--	1.2
175	2 miles northeast	A. A. and E. J. Thomas	-- Fish	1937	243	16	--
176	3 $\frac{3}{4}$ miles northeast	V. C. Nichols Est.	--	--	125	4 $\frac{1}{2}$	0.4
177	6 miles northeast	Roseland School	--	--	180	--	0.3
178	7 miles northeast	D. W. Bybee	Jchn Griffith	1933	166	10, 4 $\frac{1}{2}$	1.0
179	7 $\frac{1}{2}$ miles northeast	George Harper	--	--	190	4	0.8

Well	WATER LEVEL		Method of lift b/	Use of water c/	Remarks
	Below land surface (ft.)	Date of measurement			
161	e/	--	T,G, 50	Irr	Casing: 24-inch to 76 feet then 12 $\frac{1}{2}$ -inch to bottom. Pump set at 73 feet. Reported to have irrigated 153 acres in 1937. See log.
162	d/70	--	T,E, 30	Irr	Casing: 100 feet of 16-inch and 50 feet of 14-inch. Pump set at 110 feet, 8-inch column. Reported to have irrigated 223 acres in 1937. See log.
163	62.5	Oct. 29, 1937	T,G, 80	Irr	Cased. Pump set at 100 feet, 9-inch column. Drawdown 38 feet after pumping 900 gallons a minute for 6 hours and 101 acres under irrigation, reported in 1937. Estimated yield 750 gallons a minute in 1937.
164	d/54	--	T,E, --	Irr	Cased. Pump set at 110 feet, 8-inch column. Yield 900 gallons a minute and 235 acres under irrigation, reported in 1937.
165	--	--	T,E, 30	Irr	Cased. Pump set at 84 feet, 8-inch column. Yield 800 gallons a minute and 140 acres under irrigation, reported in 1937. See log.
166	--	--	T,E, --	Irr	Reported to have irrigated 87 acres in 1937.
167	--	--	T,G, 100	Irr	Casing: 15 $\frac{1}{2}$ to 8-inch from 85 to 189 feet. Pump set at 100 feet, 8-inch column. Yield 900 gallons a minute and 275 acres under irrigation, reported in 1937. See log.
168	d/60	--	T,E, --	Irr	Pump set at 100 feet, 8-inch column. Reported to have irrigated 80 acres in 1937. Yield 700 gallons a minute, reported in 1937.
169	--	--	T,E, --	Irr	Casing: 240 feet of 16-inch; 20 feet of 13-inch. Pump set at 120 feet, 8-inch column. Yield 800 gallons a minute and 145 acres under irrigation, reported in 1937. See log.
170	d/54	--	T,E, 30	Irr	Pump set at 90 feet, 8-inch column. Yield 800 gallons a minute and 418 acres under irrigation, reported in 1937. See log.
171	--	--	T,E, 30	Irr	Insufficient water for irrigation. "Red Beds" at 215 feet. Reported in 1937. See log.
172	69.0	Nov. 29, 1937	T,E, --	Irr	
173	--	--	T,G, --	Irr	
174	68.3	June 10, 1937	T,G, 80	Irr	
175	--	--	None	N	
176	114.3	May 13, 1937	C,W	D,S	See log.
177	157.9	Dec. 22, 1937	C,W	N	
178	152	Dec. 16, 1937	C,W	D,S	
179	184.8	Dec. 22, 1937	C,W	N	

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
180	6 $\frac{1}{2}$ miles northwest	E. Q. Parry	-- Pate	1941	203	16	--
181	6 $\frac{1}{2}$ miles west	J. C. Thomas and Sons	Green Machinery Co.	1940	216	16	--
182	4 $\frac{1}{2}$ miles northwest	Oscar Golden	W. O. Tye	1944	206	14	--
183	3 $\frac{3}{4}$ miles northwest	B. B. Wilkes	do.	1944	336	14	--
184	3 $\frac{1}{4}$ miles northwest	E. W. Brewer	do.	1944	251	16	--
185	6 miles northwest	B. E. Harris	do.	1941	303	14	1.5
186	5 $\frac{1}{2}$ miles northwest	Ed. Whitfill	W. J. Altman	1940	194	12 $\frac{1}{2}$	--
187	do.	-- Waldrop	Green Machinery Co.	1944	255	16	--
188	4 $\frac{1}{2}$ miles northwest	G. E. Tannehill	do.	1945	240	16	--
189	do.	do.	do.	1945	240	16	--
190	4 miles northwest	D. F. Harrison	D. L. Handley	1945	210	16	2.0
191	4 miles north	Hershel Carthel	F. Griffith	1944	184	16	--
192	3 miles north	Milford Carthel	Green Machinery Co.	1937	180	--	3.5
193	do.	Mrs. J. F. Bickley	--	1940	180	--	1.5
194	do.	Paul Cooper	W. O. Tye	1943	208	--	--
195	2 $\frac{3}{4}$ miles northwest	John Belt	--	1944	--	--	2.0
196	1 $\frac{3}{4}$ miles northwest	W. J. Griffith	Green Machinery Co.	--	240	16	--
197	2 $\frac{1}{4}$ miles northwest	do.	do.	1944	250	16	--
198	2 miles north	Mrs. J. F. Bickley	do.	1940	228	16	--
199	2 miles northeast	Ed. Whitfill	H. B. Handley	1944	230	18	--
201	14 $\frac{1}{2}$ miles northeast	D. G. Garland	--	1925	225	6	--
202	15 miles northeast	-- Howard	--	--	200	4 $\frac{1}{2}$	0.9
203	17 $\frac{1}{2}$ miles northeast	Ivey J. Moon	--	--	262	4 $\frac{1}{2}$	3.5
204	21 $\frac{1}{2}$ miles northeast	J. A. Taylor	T. M. Baumgarner	1929	60	--	3.5
205	22 miles northeast	W. H. Davis	--	--	71	6	1.8
206	do.	Edgin School	--	--	105	5	1.9

Well	LEVEL		Method of lift b/ c/	Use of water c/	Remarks
	WATER Below land surface (ft.)	Date of measurement			
180	d/53	--	T,G, 80	Irr	Cased. Pump set at 90 feet, 10-inch column. See log.
181	--	--	T,E, --	Irr	Cased. See log.
182	--	--	T,E, 25	Irr	Cased. Pump set at 120 feet.
183	--	--	T,E, 30	Irr	Cased to 200 feet. Pump set at 110 feet, 8-inch column.
184	--	--	T,E, 30	Irr	Cased. Pump set at 110 feet, 8-inch column. See log.
185	65.9	Oct. 22, 1945	T,E, 30	Irr	Cased. Pump set at 120 feet, 8-inch column. See log.
186	d/61	--	T,E, 40	Irr	Cased. Pump set at 140 feet, 8-inch column. See log.
187	--	--	T,G, 100	Irr	Cased. Pump set at 110 feet, 8-inch column. See log.
188	--	--	T,G, 85	Irr	
189	--	--	T,E, 35	Irr	Drilled to replace well 125. Pump set at 140 feet.
190	79.7	Oct. 23, 1945	T,E, 40	Irr	Cased. Pump set at 130 feet.
191	--	--	T,E, --	Irr	Cased to 135 feet. Pump set at 143 feet.
192	75.5	Oct. 20, 1940	T,E, --	Irr	Pump set at 80 feet.
193	72.1	Oct. 12, 1940	T,E, --	Irr	Pump set at 150 feet.
194	--	--	T,E, 30	Irr	Pump set at 140 feet, 8-inch column. See log.
195	92.9	Oct. 23, 1945	T,E, 30	Irr	
196	--	--	T,E, --	Irr	Cased to 208 feet. See log.
197	d/71	Dec. 11, 1944	T,E, 50	Irr	Cased. Pump set at 120 feet, 10-inch column. See log.
198	--	--	T,E, 35	Irr	Cased. Pump set at 120 feet. See log.
199	--	--	T,E, 40	Irr	Cased. Pump set at 150 feet.
201	--	--	C,W	D,S	
202	171.8	Dec. 29, 1937	C,W	S	
203	251.4	do.	C,W	D,S	Located 300 yards west of the eastern edge of escarpment.
204	43.0	Dec. 30, 1937	C,W	D,S	Located at base of escarpment.
205	36.9	do.	C,W	D,S	Do.
206	79.7	Dec. 31, 1937	C,W	P,S	

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
207	23 miles northeast	H. C. Kell	--	--	110	4 $\frac{1}{2}$	2.8
208	22 miles northeast	E. W. Tibbetts	"Doc" Thomas	Old	49	4 $\frac{1}{2}$	2.5
209	20 $\frac{1}{2}$ miles northeast	W. W. Merrill	W. W. Merrill	1917	17	5	0.2
210	20 miles northeast	-- Howard	--	--	Spring	--	--
211	23 miles east	J. T. Persons	-- Thomas	--	108	--	0.3
212	22 $\frac{1}{2}$ miles east	Sebastian Skinner	--	--	65	4 $\frac{1}{2}$	0.8
213	23 miles east	H. M. Welch	T. Baumgarner	1929	69	4 $\frac{1}{2}$	2.0
214	14 $\frac{1}{2}$ miles northeast	Howard Bros.	--	--	Spring	--	--
215	13 miles northeast	California Western States Life Ins. Co.	--	--	201	--	0.7
216	12 miles northeast	Billy Stamford	Bradford Supply Co.	1939	410	16,12	1.5
217	20 miles northeast	Howard Bros.	--	--	Spring	--	--
218	19 miles northeast	do.	--	--	Spring	--	--
219	do.	do.	--	--	Spring	--	--
220	18 miles northeast	do.	--	--	Spring	--	--
221	19 miles northeast	Troy Taylor	--	--	Spring	--	--
222	do.	do.	--	--	Spring	--	--
223	20 miles northeast	Howard Bros.	--	--	Spring	--	--
224	14 $\frac{1}{2}$ miles northeast	W. D. Beedy	John Griffith	1936	250	4	1.0
225	18 miles northeast	O. W. Stroup	--	--	Spring	--	--
226	do.	do.	--	--	Spring	--	--
227	16 miles northeast	Howard Bros.	--	--	Spring	--	--
228	do.	do.	--	--	Spring	--	--
229	do.	do.	--	--	Spring	--	--
230	11 miles northeast	J. D. Childress	-- Worthington	1900	163	4	3.0

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
207	105.5	Dec. 31, 1937	C,W	D,S	Pumping when water level measured.
208	45.4	do.	C,W	D,S	Do.
209	12	Dec. 30, 1937	None	N	Located in creek bottoms.
210	--	--	Flows	S	Many seeps from sand in bed of creek. Known as "Cold Spring".
211	97.1	Dec. 30, 1937	C,W	D,S	
212	52.3	do.	None	N	Located on floor of valley.
213	51.0	Dec. 28, 1937	C,W	D,S	Located at foot of escarpment.
214	--	--	Flows	S	Many seeps from banks and bed of creek.
215	184.4	Dec. 1, 1938	C,W	S	Located near edge of escarpment.
216	192.0	Aug. 14, 1939	T,G, 100	Irr	Casing: 330 feet of 16-inch; 40 feet of 12-inch. Pump set at 230 feet. Yield 800 gallons a minute reported in 1939.
217	--	--	Flows	S	Located in bed of ravine. Estimated flow $\frac{1}{2}$ gallon a minute in October 1938. See partial log.
218	--	--	Flows	S	Located in bed of ravine. Estimated flow 2 gallons a minute in October 1938.
219	--	--	Flows	S	Located in ravine. Estimated flow 9 gallons a minute from many seeps in October 1938.
220	--	--	Flows	S	Located near head of ravine. Estimated flow 15 gallons a minute from 2 springs in October 1938.
221	--	--	Flows	S	Located near head of canyon. Estimated flow 2 gallons a minute from many seeps in October 1938.
222	--	--	Flows	S	Located in north side of canyon. Estimated flow 1 gallon a minute from many seeps in October 1938.
223	--	--	Flows	S	Located near head of ravine. Estimated flow $\frac{1}{2}$ gallon a minute in October 1938.
224	202.0	Jan. 4, 1938	C,W	D,S	
225	--	--	Flows	S	Located near head of ravine. Estimated flow 50 gallons a minute in October 1938.
226	--	--	Flows	S	Located in bottom of ravine. Measured flow 113 gallons a minute from many seeps on November 22, 1938.
227	--	--	Flows	S	Located in bed of ravine. Estimated flow 10 gallons a minute in November 1938.
228	--	--	Flows	S	Located in south bank of ravine. Estimated flow 5 gallons a minute in November 1938.
229	--	--	Flows	S	Located in bed of ravine. Estimated flow 100 gallons a minute from many seeps in November 1938.
230	151.3	Dec. 20, 1937	C,W	D,S	Pumping slowly when water level measured.

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
231	15 miles northeast	Howard Bros.	--	--	Spring	--	--
232	10 miles northeast	Town of South Plains	D. L. Handley	1927	181	6	--
233	8 miles east	E. F. Springer	--	--	206	4 $\frac{1}{2}$	1.2
234	9 miles northeast	P. M. Smitherman	--	--	186	4 $\frac{1}{2}$	0.0
235	10 miles east	J. V. Gilley	--	--	195	--	0.7
236	11 $\frac{1}{2}$ miles east	H. B. Early	--	--	213	4 $\frac{1}{2}$	0.8
237	16 miles east	B. F. Harper	--	--	385	4 $\frac{1}{2}$	1.3
238	18 $\frac{1}{2}$ miles east	P. Gilbert	--	--	226+	4 $\frac{1}{2}$	--
239	20 $\frac{1}{2}$ miles east	C. C. Hawkins	-- Todd	--	299+	4 $\frac{1}{2}$	1.0
240	15 miles northeast	Howard Bros.	--	--	Spring	--	--
241	17 miles northeast	do.	--	--	Spring	--	--
242	do.	J. C. Burleson	--	--	Spring	--	--
243	do.	Howard Bros.	--	--	Spring	--	--
244	do.	do.	--	--	Spring	--	--
245	do.	do.	--	--	Spring	--	--
246	do.	do.	--	--	Spring	--	--
247	do.	do.	--	--	Spring	--	--
248	do.	do.	--	--	Spring	--	--
249	18 miles northeast	do.	--	--	Spring	--	--
250	do.	do.	--	--	Spring	--	--
251	20 miles northeast	W. Z. Hawkins	--	--	Spring	--	--
252	21 miles northeast	do.	--	--	Spring	--	--
253	22 miles northeast	Howard Bros.	--	--	Spring	--	--

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
231	--	--	Flows	S	Located in bank of creek. Estimated flow 75 gallons a minute from many seeps
232	d/166	--	C,G, 10	P	Supplies 15 customers. in November 1938. Reported yield 50 gallons a minute.
233	191.4	Dec. 22, 1937	C,W	N	
234	178.1	Dec. 27, 1937	None	N	
235	181.0	do.	C,W	D,S	
236	207.0	Dec. 28, 1937	C,W	D,S	Pumping when water level measured.
237	236.0	Dec. 27, 1937	C,W	D,S	Located near rim of escarpment.
238	--	--	C,W	S	
239	289.6	Dec. 28, 1937	C,W	D,S	Located near rim of escarpment. Pumping when water level measured.
240	--	--	Flows	S	Located in bank of creek. Estimated flow 150 gallons a minute from many seeps
241	--	--	Flows	S	Located in bottom of ravine. Estimated flow 8 gallons a minute from many seeps in November 1938.
242	--	--	Flows	S	Located in bottom of ravine. Estimated flow 15 gallons a minute from many seeps
243	--	--	Flows	S	Located in bottom of ravine. Estimated flow 5 gallons a minute from many seeps in November 1938.
244	--	--	Flows	S	Located in bottom of ravine. Estimated flow 20 gallons a minute from many seeps
245	--	--	Flows	S	Located at head of ravine. Estimated flow 5 gallons a minute from many seeps in November 1938.
246	--	--	Flows	S	Located in bed of ravine. Estimated flow 25 gallons a minute from many seeps
247	--	--	Flows	S	Do. in November 1938.
248	--	--	Flows	S	Located in bed of ravine. Estimated flow 75 gallons a minute from many seeps
249	--	--	Flows	S	Located in bed of ravine. Estimated flow 25 gallons a minute from many seeps in November 1938.
250	--	--	Flows	S	Located in bed of ravine. Estimated flow 15 gallons a minute from many seeps
251	--	--	Flows	S	Located in bank of draw. Estimated flow 2 gallons a minute from many seeps in July 1938. Known as
252	--	--	Flows	S	Located at falls in "Dripping Springs". draw. Estimated flow $\frac{1}{2}$ gallon a minute from several seeps in July 1938.
253	--	--	Flows	S	Located at falls in draw. Estimated flow 2 gallons a minute from several seeps in July 1938.

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
254	21 miles northeast	Howard Bros.	--	--	Spring	--	--
255	23 miles east	do.	--	--	Spring	--	--
256	do.	Mrs. Maud E. Hollums	--	--	Spring	--	--
257	do.	do.	--	--	Spring	--	--
258	do.	do.	--	--	Spring	--	--
259	22 miles east	do.	--	--	Spring	--	--
260	do.	do.	--	--	Spring	--	--
261	21 miles east	J. C. Burleson	--	--	Spring	--	--

Distance from Floydada

301	10 miles north	Mrs. H. S. Bolin	--	--	160	4 $\frac{1}{2}$	1.0
302	do.	Liberty School	--	1921	170	--	--
303	do.	M. Whitfill	--	1917	167	4 $\frac{1}{2}$.2
304	11 miles north	Paul Box	--	--	190	4 $\frac{1}{2}$	--
305	11 $\frac{1}{2}$ miles northeast	Jack Lackey	John Griffith	--	190	5	1.2
306	do.	Geo. Meriwether	--	--	240	4 $\frac{1}{2}$	1.0
307	14 miles northeast	Pete McDonald	--	--	360	4 $\frac{1}{2}$	2.0
308	16 miles east	Mrs. L. H. Lewis	--	Old	40	5	--
309	16 $\frac{1}{2}$ miles east	do.	--	--	Spring	--	--
310	15 miles northeast	W. P. Ware	--	--	300	4	1.2
311	9 $\frac{1}{2}$ miles northeast	F. C. Irwin	W. O. Tye	1945	370	16	2.3
312	9 miles northeast	do.	do.	1945	430	16	2.5
313	17 miles northeast	J. C. Bolding	--	--	125	4 $\frac{1}{2}$	2.5
315	13 miles east	A. T. Swetston	-- Jackson	1921	280	4 $\frac{1}{2}$	--
316	11 miles northeast	J. M. Hicks	--	--	257	4 $\frac{1}{2}$	2.5
317	8 $\frac{1}{2}$ miles northeast	Fairview School	--	--	290	4 $\frac{1}{2}$	--

Well	WATER	LEVEL	Method of lift b/ c/	Use of water c/	Remarks
	Below land surface (ft.)	Date of measurement			
254	--	--	Flows	S	Located in bottom of draw. Estimated flow 3 gallons a minute from many seeps
255	--	--	Flows	S	Located in bottom of [redacted] in July 1938. Measured flow 9 gallons a minute from many seeps in November 1938.
256	--	--	Flows	S	Located in gorge. Estimated flow 2 gallons a minute from many seeps in
257	--	--	Flows	S	Located in gorge. Esti- [redacted] August 1938. mated flow 3 gallons a minute from many
258	--	--	Flows	S	Located in gorge. [redacted] seeps in August 1938. Estimated flow 1 gallon a minute from
259	--	--	Flows	S	Located in [redacted] many seeps in August 1938. gorge. Estimated flow 2 gallons a
260	--	--	Flows	S	Located in [redacted] minute in August 1938. bottom of gorge. Estimated flow 15 gal-
261	--	--	Flows	S	Located in creek. Estimated [redacted] 1938. flow 125 gallons a minute from many seeps in August 1938.
301	147.5	Jan. 13, 1938	C,W	D,S	
302	--	--	C,W	P	
303	163.3	Jan. 10, 1938	None	N	
304	179.2	Jan 13, 1938	C,W	D,S	
305	163.3	do.	C,W	D,S	Cased.
306	224	do.	C,W	D,S	
307	261.9	do.	C,W	D,S	Cased.
308	--	--	C,W	D,S	
309	--	--	Flows	S	Located in banks and bed of creek. Flows from many seeps.
310	259.8	Aug. 19, 1938	C,W	D,S	
311	155.3	Nov. 17, 1945	None	N	Drilled for irrigation. Reported yield 25 gallons a minute. Abandoned after
312	154.9	do.	None	N	Do. [redacted] test. See log.
313	104.5	Sept. 6, 1938	C,W	S	
315	d/240	--	C,W	D,S,P	Also supplies Hillcrest School.
316	231.9	Jan. 10, 1938	C,W	D,S	
317	--	--	C,W	P	

Records of wells and springs in Floyd County--Continued

Well	Distance from Floydada	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
318	8½ miles northeast	C. F. Thorne	--	Old	200	--	--
319	9 miles north	B. R. Lybrand	--	Old	160	5	3.5
320	7½ miles north	Baptist General Convention of Texas	-- Handley	Old	160	4¾	0.8
321	do.	S. Clements	--	--	147	8	0.3
322	6 miles north	H. R. Patterson	--	1933	100	--	0.5
323	5 miles northeast	Center School	--	--	179	--	0.4
324	¾ mile east	W. O. Golden	--	--	132	6	0.6
325	2 miles east	W. C. Simms	C. Y. Gorman	1937	320	14	--
326	do.	do.	-- Sassaman	1937	310	14	--
327	5½ miles northeast	T. M. Carter	--	1926	190	5¾	1.5
328	6 miles northeast	W. W. Baxter	B. Steen	1923	187	4¾	1.2
329	7½ miles northeast	Mrs. S. H. Rushing	do.	Old	190	--	--
330	6½ miles east	Campbell School	--	Old	190	--	1.0
331	8½ miles east	P. M. Smith	--	--	225	--	0.5
332	10 miles east	J. H. Farmer	--	Old	250	4¾	2.8
333	12 miles east	Fred Zimmerman	--	--	250	5	0.9
334	14 miles east	Hammond Est.	--	--	268	5	1.9
335	14½ miles east	do.	--	1932	300	6	3.3
336	18 miles northeast	G. B. Bostick	--	-- Spring	--	--	--
337	17 miles northeast	do.	--	-- Spring	--	--	--
338	do.	do.	--	-- Spring	--	--	--
339	do.	W. W. Moore Est.	--	-- Spring	--	--	--
340	do.	L. H. Lewis	--	-- Spring	--	--	--
341	do.	do.	--	-- Spring	--	--	--
342	do.	do.	--	-- Spring	--	--	--

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
318	d/180	--	C,W	D,S	Not cased.
319	150.1	Jan. 11, 1938	C,W	D,S	
320	140.2	Jan. 12, 1938	C,W	D,S	Casing: 20 feet at top and 80 feet at bottom.
321	139	do.	None	N	
322	75.4	do.	C,W	S	
323	133	do.	C,W	P	
324	122.9	June 15, 1937	None	N	Not cased.
325	d/110	--	None	N	Insufficient water for irrigation. See log.
326	e/		None	N	Insufficient water for irrigation. Reported yield about 500 gallons a minute when drilled.
327	165.0	Jan. 26, 1938	C,W	N	
328	155.5	do.	C,W	D,S	Cased.
329	--	--	C,W	D,S	Not cased. Irrigates small garden.
330	175.9	Jan. 26, 1938	C,W	P	Not cased.
331	205.6	Jan. 28, 1938	C,W	N	Do.
332	229.6	do.	C,W	D,S	Cased. Irrigates small garden.
333	239.5	do.	C,W	N	
334	261.6	do.	C,W	S	
335	257.4	do.	C,W	S	
336	--	--	Flows	S	Located near head of small draw. Estimated flow 1 gallon a minute in September
337	--	--	Flows	S	Located in creek bed. Estimated flow 20 gallons a minute in August 1938.
338	--	--	Flows	S	Located in banks and bed of creek. Estimated flow 10 gallons a minute from seeps in August 1938. Known as "Mud
339	--	--	Flows	S	Located in creek bed. Estimated flow 40 gallons a minute from seeps in October 1938.
340	--	--	Flows	S	Located in creek bed. Estimated flow 15 gallons a minute from seeps in August 1938.
341	--	--	Flows	S	Located in small gully. Estimated flow 25 gallons a minute from one opening in August 1938.
342	--	--	Flows	S	Located in banks and bed of creek, Estimated flow 20 gallons a minute from seeps in August 1938.

Records of wells and springs in Floyd County--Continued

Well	Distance from Floydada	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
343	16 miles east	Mrs. Kate Martin	--	--	294	5	0.2
Distance from Lockney							
400	6½ miles west	J. C. Thomas and Sons	Green Machinery Co.	1941	173	16	2.0
401	do.	Geo. Whitfield	--	Old	66	6	0.5
402	6 miles west	J. C. Thomas and Sons	Green Machinery Co.	1935	192	16,10	--
403	6½ miles west	W. H. Crawford	Buck Patton	1935	350	18,14	--
404	7 miles west	T. L. & D. Co.	T. L. & D. Co.	1914	279	26,12½, 10	1.8
405	6½ miles west	George Garms	Homer Garms	1937	162+	--	0.0
406	do.	T. L. & D. Co.	T. L. & D. Co.	1914	279	24,13	--
407	do.	do.	do.	1914	279	24,10	1.0
408	5½ miles west	W. A. Taack	E. Sassaman	1937	188	16	--
408a	do.	do.	--	--	--	--	3.5
409	5 miles west	T. L. & D. Co.	T. L. & D. Co.	1914	278	18,12½, 10	--
410	5½ miles west	W. C. McGrede	do.	1913	283	18,12½	--
411	5 miles west	T. L. & D. Co.	do.	1913	206	24,12½	--
412	do.	Geo. Meriwether	--	1936	194	14	2.2
413	4½ miles west	Fred L. Lam	T. L. & D. Co.	1913	282	18,12½	0.3
414	do.	Mrs. Harriet B. Robbins	do.	1913	227	--	--
415	do.	T. L. & D. Co.	do.	1915	257	20,12½	0.7
416	do.	Johnnie Spears	do.	1913	213	16,12½	--
417	do.	Tom Weeks	D. L. Handley	1936	251	16	--

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
343	266.7	Nov. 30, 1938	C,W	S	
400	58.5	Jan. 20, 1941	T,E, --	Irr	Cased. Pump set at 96 feet, 10-inch column. See log.
401	55.3 58.2	Apr. 30, 1937 Feb. 2, 1943	C,-	N	
402	d/ 52	--	T,E, --	Irr	Casing: 16 and 10-inch. Pump set at 72 feet, 8-inch column. Yield 1,000 gallons a minute, and 285 acres under irrigation, reported in 1937. See log.
403	--	--	T,E, --	Irr	Casing: 18 and 14-inch to 276 feet. Yield 750 gallons a minute and 255 acres under irrigation, reported in 1937.
404	d/ 46 52.5	May 11, 1914 Apr. 27, 1936	T,G, 40	Irr	Casing: 26-inch to 76 feet; 12 $\frac{1}{2}$ and 10-inch from 76 to bottom. Pump set at 75 feet. Reported to have irrigated 150 acres in 1937.
405	47.9	Nov. 2, 1932	T,E, --	Irr	Not cased. [] acres in 1937.
406	d/ 45	June 17, 1914	T,G, --	Irr	Casing: 24-inch to 79 feet; 13-inch from 79 to 279 feet. Pump set at 75 feet. Reported to have irrigated 95 acres in 1937.
407	d/ 45 52.2	June 4, 1914 Feb. 16, 1944	T,G, --	Irr	Casing: 24-inch to 76 feet; 10-inch from 76 to 279 feet. Pump set at 75 feet. Reported to have irrigated [] acres in 1937.
408	--	--	T,G, 80	Irr	Cased. Pump set at 100 feet, 10-inch column. Reported to have irrigated 300 acres in 1937. See log.
408a	50.2	June 17, 1936	C,G	N	Unused for irrigation when [] visited in 1937.
409	e/	--	T,G, 30	Irr	Cased. Pump set at 75 feet. Reported to have irrigated 20 acres in 1937.
410	e/	--	T,E, --	Irr	Cased. Yield 900 gallons a minute and 122 acres under irrigation, reported in 1937.
411	d/ 47.8 d/ 53	1914 June 19, 1917	None	N	Not used for several years. [] 1937. Abandoned and filled. New well 490 drilled in 1945 as replacement.
412	76.1	Sapt. 22, 1945	None	N	Replacement well 489 drilled one-half mile northeast in 1945. Reported to have irrigated 403 acres in 1937.
413	50.0 58.0	Nov. 25, 1913 May 11, 1936	T,G, --	Irr	Cased. Pump set at 70 feet. Reported to have irrigated 30 acres in 1937.
414	e/	--	T,E, --	Irr	Reported to have irrigated 80 acres in 1937.
415	d/ 50.5 58.1	Apr. 16, 1915 May 11, 1936	T,E, --	Irr	Cased. Yield 800 gallons a minute and 61 acres under irrigation, reported in 1937.
416	e/	--	T,G, 45	Irr	Cased. Estimated yield 700 gallons a minute in 1937; 106 acres reported under irrigation same year.
417	d/ 55	1937	T,E, --	Irr	Cased. Pump set at 80 feet, 8-inch column. Estimated yield 700 gallons a minute in 1937; 219 acres reported under irrigation same year.

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
418	4 miles west	B. N. Ralph	Peerless Pump Co.	1937	231	15	--
419	3½ miles west	F. L. Brown	Bryan Kimball	1937	245	16, 13, 10	--
420	2½ miles west	C. A. Glona	D. L. Handley	1937	--	--	--
421	3½ miles west	J. R. Belt, Jr.	T. L. & D. Co.	1913	281	24, 16	--
422	do.	E. J. Yearout	do.	1913	--	--	0.0
423	do.	T. L. & D. Co.	do.	1915	270	20, 12½	--
424	do.	W. W. Cooper	do.	1916	277	24, 13	--
425	do.	F. D. Schure	do.	1915	268	24, 12½	--
426	4 miles southwest	T. L. & D. Co.	do.	1915	276	20	--
427	3½ miles southwest	do.	do.	1915	276	20, 12½	--
428	do.	do.	do.	1914	210	72, 12½	--
429	2 miles west	H. B. Handley	D. L. Handley	1934	205	18, 16	--
430	2½ miles west	Dr. H. M. Thompson	J. C. Cook	1936	200	14, 10	--
431	do.	John Hodel	J. Salson	1937	250	16, 12	1.3
432	2 miles west	Fred Hage	Fish and Campbell	1937	250	14	--
433	2½ miles northwest	Vera Rogers	Green Machinery Co.	1935	205	14	--
434	1½ miles southwest	J. L. Suits	--	1937	--	--	1.5

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
418	--	--	T,G, 60	Irr	Cased. Estimated yield 700 gallons a minute in 1937; 110 acres reported under irrigation same year.
419	--	--	T,G, 80	Irr	Casing: 146 feet of 16-inch, 35 feet of 13-inch and 64 feet of 10-inch. Yield 900 gallons a minute and 103 acres under irrigation, reported in 1937.
420	--	--	T,G, 85	Irr	Pump set at 80 feet. Reported to have irrigated 80 acres in 1937.
421	e/	--	T,E, 25	Irr	Cased. New pump set at 110 feet, 9-inch column. Reported to have irrigated 140 acres in 1937.
422	55.1 57.3	Apr. 22, 1936 Dec. 5, 1938	T,G, 25	Irr	Yield 700 gallons a minute and 37 acres under irrigation, reported in 1937.
423	d/ 45.8	Apr. 19, 1915	T,G, 35	Irr	Cased. Pump set at 70 feet. Reported to have irrigated 40 acres in 1937.
424	d/ 42	June 30, 1916	T,G, 85	Irr	Cased. Pump set at 80 feet, 8-inch column. Reported to have irrigated 32 acres in 1937.
425	d/ 44	July 13, 1915	T,G, 100	Irr	Casing: 24-inch to 80 feet; 12 $\frac{1}{2}$ -inch from 80 to 268 feet. Pump set at 75 feet. Yield 800 gallons a minute and 110 acres under irrigation, reported in 1937.
426	--	--	T,G, 40	Irr	Yield 1,000 gallons a minute and 150 acres under irrigation, reported in 1937.
427	d/ 41	July 31, 1915	T,G, 40	Irr	Cased. Pump set at 70 feet. Measured yield 800 gallons a minute in October 1940. Reported to have irrigated 75 acres in 1937.
428	e/	--	T,E, --	Irr	Cased. Reported to have irrigated 64 acres in 1937.
429	--	--	T,E, 25	Irr	Cased. Pump set at 110 feet, 9-inch column. Yield 700 gallons a minute and 170 acres under irrigation, reported in 1937.
430	d/ 58	--	T,G, 85	Irr	Casing: 90 feet of 14-inch and 100 feet of 10-inch. Pump set at 120 feet; 8-inch column. Drawdown 23 feet while pumping 800 gallons a minute and 235 acres under irrigation, reported in 1937.
431	66.2 84.6	June 10, 1937 Oct. 27, 1945	T,G, 50	Irr	Cased. Pump set at 110 feet. Drilled to "Red Beds". Drawdown 20 feet after pumping 900 gallons a minute for 24 hours and 270 acres under irrigation, reported in 1937.
432	--	--	T,G, 85	Irr	Cased to 228 feet. Pump set at 90 feet, 9-inch column. Yield 800 gallons a minute and 135 acres under irrigation, reported in 1937.
433	d/ 70	--	T,E, --	Irr	Cased. Pump set at 84 feet, 8-inch column. Measured yield 610 gallons a minute in 1940. Reported to have irrigated 156 acres in 1937, 65 acres in 1938 and 39 acres in 1939.
434	56.1 57.3	Nov. 16, 1937 Dec. 19, 1938	T,G, 80	Irr	

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
435	1½ miles southwest	Lloyd Wofford	---	1925	200±	16	---
436	1 mile south	---	---	---	62	6	---
437	1 mile southeast	Lockney Oil Mill Co.	---	Old	55	5	---
438	In Lockney	City of Lockney	D. L. Handley	1927	282	16,14	---
439	3 miles west	O. J. Schacht	T. L. & D. Co.	1913	---	72	---
440	1½ miles southeast	O. C. Bailey	Geo. Moore	1944	284	12	---
441	1½ miles northeast	Federal Land Bank	---	1937	300±	16	---
442	1½ miles east	Solon Clements	---	---	44	6	---
443	3½ miles east	J. W. Baggett	Campbell and Fish	1937	518	---	---
444	6 miles east	Mrs. Irene Logan	---	---	---	---	0.4
445	do.	Dallas Joint Stock Co.	---	---	---	---	0.4
446	3 miles southeast	W. J. King	---	---	47	6	---
447	1½ miles southeast	O. C. Bailey	---	Old	61	6	0.5
448	1½ miles south	Buck Sams	D. L. Handley	1937	289	18,17 16,14	1.0
449	1½ miles southwest	John Carter	do.	1935	273	16,14	---
450	do.	Henry Ford	Green Machinery Co.	1943	275	16	---
451	2½ miles southwest	Addie L. Sams	D. L. Handley	1935	246	18,14	1.2
452	do.	Frank Perkins	do.	1937	160	12	---
453	2½ miles south	M. Worthington	do.	1936	258	18,16	---
454	2½ miles southwest	Dr. H. M. Thompson	--- Kimball	1937	264	18,10	1.7
455	do.	R. T. Spence	John Griffith	1934	280	20,14	---
456	4 miles southwest	W. H. Crawford	T. L. & D. Co.	Old	266	24,12	1.2

Well	WATER		LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement	b/	c/			
435	e/	--	T,E	Irr		Cased. Deepened from 137 to about 200 feet in 1942. Formerly equipped with large cylinder pump.	
436	e/	--	C,W	S			
437	e/	--	None	N			
438	d/ 60	1938	T,G	P		Casing: 179 feet of 16-inch and 108 feet of 14-inch. Deepened from 120 to 282 feet in 1936. Pump set at 100 feet.	
439	e/	--	T,G	N		Casing: 72-inch to 72 feet. Not used since 1944. Reported to have irrigated	
440	--	--	T,G	Irr		Cased to 265 feet. 104 acres in 1937. Pump set at 180 feet, 8-inch column.	
441	e/	--	None	N		Insufficient "Red Beds" at 280 feet. water for irrigation.	
442	e/	--	C,W	S			
443	--	--	None	N		Insufficient water for irrigation.	
444	161.4	Jan. 10, 1938	C,W	S		Not cased.	
445	141.1	Jan. 12, 1938	C,W	N			
446	e/	--	C,W	N		Cased to 10 feet.	
447	47.1	June 8, 1937	C,W	D,S		D.	
448	48.6	May 2, 1940	T,E	Irr		Casing: 18 to 14-inch. Pump set at 110 feet, 9-inch column. Measured drawdown 55.4 feet while pumping 619 gallons a minute on May 2, 1940. Reported to have irrigated 325 acres in 1937. See log.	
449	d/ 59	1936	T,G	Irr		Cased. Pump set at 100 feet, 8-inch column. Measured drawdown 24 feet after pumping 584 gallons a minute for 6 hours. Reported to have irrigated 304 acres in	
450	--	--	T,G	Irr		Cased. Pump set at 96 feet, 1937. 8-inch column. See log.	
451	48.0	Nov. 17, 1937	T,E	Irr		Cased. Pump set at 120 feet. Measured drawdown 36.5 feet after pumping 857 gallons a minute for 1½ hours in July 1939. Reported to have irrigated 319	
452	--	--	None	N		Well 654 drilled to acres in 1937. replace this well in 1945.	
453	--	--	T,G	Irr		Cased. Yield 1,000 gallons a minute a d 230 acres under irrigation, reported in	
454	42.7	Nov. 15, 1937	T,E	Irr		Cased. Pump set at 110 feet, 1937. 8-inch column. Reported to have irri-	
455	--	--	T,G	Irr		Cased. gated 160 acres in 1937. Yield 800 gallons a minute and 228 acres under irrigation, reported in 1937.	
456	d/ 38 40.8	1914 Nov. 15, 1937	T,E	Irr		Casing: 24-inch to 70 feet then 12-inch to bottom. Reported to have irrigated 237 acres in 1937.	

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
457	4½ miles southwest	G. S. Potts	J. C. Cook	1935	250	18,11	0.5
458	do.	T. L. & D. Co.	T. L. & D. Co.	1914	--	--	--
459	5½ miles southwest	-- Jackson	do.	1917	310	26,11	--
460	do.	Mrs. Nettie Wheeler	J. C. Cook	1936	257	--	--
461	5 miles southwest	John Stalcup	--	1936	--	--	--
462	5 miles west	E. S. Cooper	T. L. & D. Co.	1915	270	12	0.8
463	6 miles west	T. L. & D. Co.	do.	1915	268	24,12½	--
464	6 miles southwest	do.	do.	1915	270	13	--
465	7 miles southwest	Jack Dollar	Bill Muncie	1930	252	16,12	--
466	7½ miles southwest	Mrs. Elsie Burk	D. L. Handley	1937	253	18	--
467	8 miles southwest	C. J. Barnard	Green Machinery Co.	1937	300	16,14	--
468	7½ miles southwest	R. C. Yarbrough	--	--	--	5	0.7
469	8½ miles southwest	Clyde Applewhite	--	1938	--	--	--
470	7 miles southwest	Frank Probasco	--	Old	--	--	2.2
471	6½ miles southwest	J. A. Stegall	Cy Gorman	1937	278	15	--
472	5½ miles southwest	T. L. & D. Co.	T. L. & D. Co.	1917	293	26,10	--
473	do.	C. F. Farrar	Peerless Pump Co.	1936	302	--	1.5
474	5 miles southwest	H. A. Anderson	Campbell and Fish	1937	307	14	--
475	4 miles southwest	Roy L. Hale	--	--	--	4½	0.3
476	do.	do.	-- Muncey	1931	295	--	--
477	do.	V. L. Webster	Leland Mounts	1935	225	16,14, 12	--

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
457	44.4	Dec. 21, 1938	T,E, --	Irr	Casing: 142 feet of 18-inch, 190 feet of 11-inch. Reported to have irrigated 230 acres in 1937.
458	--	--	T,G, --	Irr	Reported to have irrigated 61 acres in 1937.
459	e/	--	T,G, 50	N	Casing: 26 to 11-inch. Reported to have irrigated 137 acres in 1937.
460	--	--	T,G, 85	Irr	Pump set at 90 feet, 9-inch column. Reported to have irrigated 233 acres in 1937.
461	--	--	T,G, 90	Irr	Yield 800 gallons a minute and 139 acres under irrigation, reported in 1937.
462	d/ 45.5 50.2	Apr. 12, 1915 June 17, 1937	T,G, --	Irr	Cased to 260 feet. Formerly unused. 1937.
463	e/	--	T,G, --	Irr	Casing: 24 and 12 $\frac{1}{2}$ -inch to 264 feet. Measured drawdown 21 feet after pumping 495 gallons a minute for 40 hours in July 1939. Reported to have irrigated 133 acres in 1937.
464	d/ 43	Mar. 29, 1915	T,G, --	Irr	Cased from 80 to 260 feet. Yield 900 gallons a minute. Reported to have irrigated 89 acres in 1937.
465	d/ 25	1930	T,G, 100	Irr	Pump set at 60 feet, 8-inch column. Yield 700 gallons a minute and irrigated 130 acres, reported in 1937.
466	--	--	T,G, 85	Irr	Cased. Pump set at 100 feet, 9-inch column. Drilled into "Red Beds". Reported to have irrigated 240 acres in 1937.
467	e/	--	T,G, 85	Irr	Cased. Pump set at 84 feet, 8-inch column. Measured drawdown 54.1 feet after pumping 625 gallons a minute for several days in August 1939. Reported to have irrigated 245 acres in 1937.
468	43.6 43.1	May 14, 1937 Mar. 2, 1939	C,W	N	1937.
469	--	--	T,G, 85	Irr	
470	42.0	June 12, 1937	None	N	Replaced by well 651 in 1941. Reported to have irrigated 147 acres in 1937.
471	--	--	T,G, 80	Irr	Cased. Yield 900 gallons a minute and 213 acres under irrigation, reported in 1937.
472	e/	--	T,-	N	Casing: 26 and 10-inch. Unused since before 1938. 1937.
473	44.6	Mar. 29, 1938	T,G, 85	Irr	Yield 800 gallons a minute and 145 acres under irrigation, reported in 1937.
474	--	--	T,G, 85	Irr	Cased. Yield 800 gallons a minute and 180 acres under irrigation, reported in 1937.
475	36.7 38.5	May 8, 1936 Apr. 14, 1938	C,W	D,S	1937.
476	--	--	T,E, 30	Irr	Measured yield 640 gallons a minute in August 1939. Reported to have irrigated 151 acres in 1937.
477	--	--	T,E, --	Irr	Casing: 16 and 12-inch. Pump set at 80 feet, 8-inch column. Yield 600 gallons a minute and 111 acres under irrigation, reported in 1937.

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
478	5 miles south	W. A. Mitchell	-- Fish	1937	280	14	--
479	4 $\frac{1}{4}$ miles south	J. E. Watson	D. L. Handley	1936	275	18,16,14	--
480	4 miles south	Gip Hudson	Campbell and Fish	1937	286	16	--
481	do.	W. M. Ferguson	Clark Craig	1937	317	16,14	--
482	3 $\frac{1}{2}$ miles south	C. F. Harris	D. L. Handley	1937	275	16	--
483	do.	W. H. Fields	W. D. Casebolt	1937	282	16,13	--
484	3 $\frac{3}{4}$ miles south	Glen Watson	D. L. Handley	1936	280	16,12	--
485	4 miles south	E. R. Harris	Campbell and Fish	1937	305	14	1.7
486	5 $\frac{1}{2}$ miles southeast	Mrs. M. E. Morris	--	--	59	6	--
487	4 $\frac{1}{2}$ miles southeast	Alvie Wilson	--	--	57	4 $\frac{1}{2}$	0.3
488	5 $\frac{1}{2}$ miles west	D. M. Marshall	Green Machinery Co.	1945	--	--	--
489	4 $\frac{1}{5}$ miles northwest	G. T. Weriweather	do.	1945	305	16,8	--
490	5 miles west	Roy McDowell	--	1945	--	15 $\frac{1}{2}$	--
491	3 $\frac{1}{2}$ miles west	J. R. Belt, Jr.	--	1943	--	16	1.0
492	3 miles northwest	John Hodel	D. L. Handley	1945	275	16	2.0
493	2 $\frac{1}{2}$ miles west	H. W. Schacht	do.	1944	275	18,16	2.0
494	do.	Dr. H. M. Thompson	Jack Greene	1945	356	16	--
495	1 $\frac{1}{2}$ miles northwest	W. J. Griffith	Green Machinery Co.	1941	240	16	--
496	do.	Carl Ferguson	--	1945	200	16	--
497	1 mile north	C. J. Taylor	--	--	--	--	--
498	1 mile southeast	L. A. Cooper	--	1936?	--	--	--
499	In Lockney	do.	Davis and Sons	1945	257	16	--

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
478	--	--	T,E, --	Irr	Cased. Pump set at 80 feet, 9-inch column. Yield 1,000 gallons a minute and 310 acres under irrigation, reported in 1937.
479	d/ 45	--	T,E, --	Irr	Casing: 18, 16 and 14-inch. Pump set at 100 feet, 9-inch column. Reported to have irrigated 196 acres in 1937.
480	--	--	T,E, --	Irr	Cased. Yield 800 gallons a minute and 153 acres under irrigation, reported in 1937.
481	--	--	T,G, --	Irr	Casing: 16 and 14-inch to 310 feet. reported in 1937.
482	--	--	T,G, 80	Irr	Cased. Pump set at 90 feet, 8-inch column. Yield 1,000 gallons a minute and 160 acres under irrigation, reported in 1937.
483	--	--	T,G, 85	Irr	Casing: 176 feet of 16-inch, 111 feet of 13-inch. Pump set at 100 feet, 9-inch column. Yield 1,000 gallons a minute and 155 acres under irrigation, reported in 1937.
484	d/ 55	--	T,G, 85	Irr	Casing: 16 and 12-inch. Pump set at 90 feet, 8-inch column. Yield 900 gallons a minute and 265 acres under irrigation, reported in 1937.
485	46.9	Nov. 17, 1937	T,G, 80	Irr	Cased to 300 feet. Yield 1,000 gallons a minute and 175 acres under irrigation, reported in 1937.
486	e/	--	C,W	N	
487	43.5	May 13, 1937	C,W	N	
488	--	--	--	Irr	Drilling in October 1945.
489	--	--	T,E, 30	Irr	Casing: 16 and 8-inch. Pump set at 120 feet. See log.
490	72.8	Sept. 22, 1945	--	Irr	Cased. Drilled in September 1945. Pump not set.
491	88.0	Sept. 24, 1945	T,G, 85	Irr	Cased. Pump set at 144 feet.
492	80.5	Oct. 27, 1945	T,G, 100	Irr	Cased. Pump set at 120 feet, 8-inch column.
493	78.2	do.	T,G, 80	Irr	Casing: 18-inch to 220 feet then 16-inch to bottom. Pump set at 120 feet, 8-inch column.
494	--	--	T,G, 100	Irr	Cased. See log.
495	d/ 56	Jan. --, 1941	T,G, 95	Irr	Cased. Pump set at 120 feet. See log.
496	d/ 74	Apr. --, 1945	T,E, 30	Irr	Pump set at 120 feet, 8-inch column.
497	--	--	T,G, 80	Irr	
498	--	--	None	N	Insufficient water for irrigation. Abandoned and filled.
499	--	--	None	N	Insufficient water for irrigation. "Red Beds" at about 165 feet.

Records of wells and springs in Floyd County--Continued

Well	Distance from Floydada	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
500	13½ miles west	--	---	Old	50	6	0 2
501	12½ miles west	M. S. Robertson	D. L. Handley	1937	294	16	---
502	12 miles west	Frank Probasco	C. Y. Gorman	1937	192	14	--
503	do.	Mrs. C. H. Keffer	Jack Sassaman	1937	354	16	1.4
504	do.	do.	Lynn Olivo	1937	358	18, 16	--
505	do.	J. W. Stringer Est.	W. O. Tye	1937	298	15, 13½	1.0
506	12½ miles west	do.	do.	1935	299	15, 13	1.2
507	12 miles west	do.	do.	1936	307	15, 14	1.0
508	11½ miles west	do.	do.	1935	360	15, 13, 10, 7	1.0
509	9½ miles west	S. H. Bacon	---	Old	56	6	---
510	11 miles west	W. R. Crow	W. O. Tye	1937	309	15, 10	---
511	9½ miles northwest	T. B. Mitchell	J. C. Cook	1930	240	14, 12	1.0
512	do.	W. H. Pope	D. L. Handley	1934	245	16, 14	--
513	9½ miles west	B. B. Wilkes	W. O. Tye	1937	350	15½, 13½	---

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
500	37.2 29.8	July 29, 1937 Sept. 10, 1937	None	N	
501	d/ 38	Feb. --, 1937	T,E, 40	Irr	Cased. Pump set at 120 feet, 9-inch column. Yield 1,000 gallons a minute and 531 acres under irrigation, reported
502	--	--	T,E, --	Irr	Cased. Yield 1,000 gallons in 1937. a minute and 215 acres under irrigation, reported in 1937. See log.
503	43.5	June 12, 1937	T,E, --	Irr	Cased to 344 feet. Pump set at 120 feet, 10-inch column. Reported to have irrigated 361 acres in 1937. See log.
504	d/ 45	1937	T,E, --	Irr	Casing: 18-inch to 30 feet then 16-inch to 358 feet. Pump set at 120 feet, 10-inch column. Yield 700 gallons a minute and 200 acres under irrigation, reported
505	53.3	Sept. 25, 1945	T,E, 30	Irr	Casing: 100 feet in 1937. See log. of 15-inch and 100 feet of 13½-inch. Pump set at 110 feet, 8-inch column. Yield 850 gallons a minute and 330 acres under irrigation, reported in 1937. See
506	45.0	Nov. 3, 1937	T,E, 30	Irr	Casing: 125 feet of 15-inch and log. 72 feet of 13-inch. Pump set at 110 feet, 8-inch column. Measured drawdown 36 feet while pumping 970 gallons a minute in 1936. Reported to have irrigated 414 acres in 1937. See log.
507	55.3	Sept. 25, 1945	T,E, 30	Irr	Casing: 100 feet of 15-inch and 106 feet of 14-inch. Pump set at 90 feet, 8-inch column. Yield 900 gallons a minute and 500 acres under irrigation,
508	53.0	do.	T,E, --	Irr	Casing: 100 reported in 1937. See log. feet of 15-inch, 100 feet of 13-inch, 110 feet of 10-inch and 45 feet of 7-inch. Well deepened from 300 to 360 feet in 1938. Pump set at 140 feet, 8-inch column. Reported to have irrigated
509	e/	--	None	N	400 acres in 1937.
510	e/	--	T,G, 80	Irr	Casing: 15 and 10-inch. Pump set at 100 feet, 8-inch column. Reported to have
511	46.1	Nov. 15, 1937	T,E, --	Irr	Casing: irrigated 190 acres in 1937. 14 and 12-inch to 190 feet. Drawdown 29.3 feet while pumping 850 gallons a minute in 1937; 310 acres under irriga-
512	d/ 40	--	T,E, --	Irr	Casing: 16 and 14-inch. tion same year. Pump set at 90 feet, 8-inch column. Yield 800 gallons a minute and 209 acres under irrigation, reported in 1937.
513	--	--	T,E, --	Irr	Casing: 110 feet of 15½-inch and 90 feet of 13½-inch. Pump set at 100 feet, 9-inch column. Yield 1,000 gallons a minute and 320 acres under irrigation, reported in 1937. See log.

Records of wells and springs in Floyd County--Continued

Well	Distance from Floydada	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
514	9 miles northwest	L. V. Shurbet	D. L. Handley	1934	310	16	--
515	8½ miles northwest	H. E. Blenden	do.	1929	250	--	--
516	do.	W. C. Hubbard	--	1929	190	14,12	1.5
517	8½ miles west	L. J. Welborn	W. O. Tye	1937	310	14	1.5
518	8 miles west	Leland May	C. Y. Gorman	1937	292	14	1.0
519	7½ miles west	J. L. Faulkner	--	Old	--	6	--
520	7 miles west	Charles Ballman	W. O. Tye	1937	325	15,10	--
521	do.	Edwin Hammonds	Campbell and Fish	1937	285	14	1.2
522	do.	W. E. Miller	D. L. Handley	1933	226	18,12	1.4
523	7½ miles northwest	Clark Harris	do.	1930	279	20,14	--
524	do.	N. T. A. Byars	do.	1934	245	16,14	1.3
525	6½ miles northwest	O. W. Fry	T. Bungarner	1930	329	18	--
526	do.	do.	Campbell and Fish	1937	329	18	--
527	5 miles west	Geo. B. McAllister	--	1937	--	--	--
528	4½ miles northwest	Mrs. Maud Hollums	--	Old	73	7	--
529	1½ miles northwest	P. & S. F. R.R.	--	Old	138	6	--
530	In Floydada	City of Floydada	D. L. McDonald	1928	212	16	--
531	do.	do.	do.	1928	208	16	--
532	do.	do.	do.	1929	160	30	--
533	do.	Martin Est.	--	Old	134	6	--
534	3 miles southwest	Joe Ryles Est.	--	Old	117	6	0.3

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
514	--	--	T,E, --	Irr	Cased. Yield 850 gallons a minute and 100 acres under irrigation, reported in
515	--	--	None	N	Casing and pump pulled and put in 1937. well 679 in 1945. Reported to have
516	d/ 48 51.6	Fall 1929 Nov. 15, 1937	T,E, --	Irr	Casing: irrigated 150 acres in 1937. 14 to 12-inch from 50 to 190 feet. Pump set at 80 feet. Yield 900 gallons a minute and 265 acres under irrigation,
517	49.5	Nov. 15, 1937	T,E, 30	Irr	Cased. Pump set at reported in 1937. 100 feet, 8-inch column. Reported to have irrigated 418 acres in 1937.
518	52.9	dc.	T,E, --	Irr	Cased. Pump set at 110 feet, 9-inch column.
519	e/	--	C,W	S	
520	d/ 56	Feb. 1937	T,E, --	Irr	Casing: 15 to 10-inch to 325 feet. Pump set at 90 feet, 9-inch column. Yield 900 gallons a minute and 325 acres under irrigation, reported in 1937.
521	70.7	Oct. 23, 1945	T,E, 35	Irr	Cased. Pump set at 130 feet, 8-inch column. Reported to have irrigated 278
522	59.9	May 14, 1937	T,E, 30	Irr	Casing: 18 to 12-inch acres in 1937. from 60 to 226 feet. Pump set at 130 feet, 8-inch column. Reported to have
523	e/	--	T,E, 35	Irr	Casing: irrigated 343 acres in 1937. 20 to 14-inch from water level to 279 feet. Pump set at 110 feet, 9-inch column. Reported to have irrigated 389
524	63.6	May 14, 1937	T,E, 30	Irr	Casing: 16 and 14-inch acres in 1937. from water level to 245 feet. Pump set at 120 feet, 8-inch column. Reported to have irrigated 232 acres in 1937.
525	e/	--	None	N	Not cased. Insufficient water for irrigation.
526	--	--	None	N	Not cased. Insufficient water for irrigation. See log.
527	--	--	T,G, 80	Irr	
528	e/	--	None	N	
529	e/	--	C,W	S	
530	d/136	1935	T,E, --	P	Cased. This well and wells 531 and 532 supply city.
531	d/136	1935	T,E, 30	P	Cased. Yield 308 gallons a minute, reported in 1937.
532	d/110	1938	T,E, 10	P	Cased. Pump set at 140 feet. Yield 150 gallons a minute, reported in 1937. See
533	e/	--	None	N	log.
534	109.7	June 8, 1937	C,W	D	

Records of wells and springs in Floyd County--Continued

Well	Distance from Floydada	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
535	4 miles south	H. D. Snodgrass Est.	--	Old	141	6	0.5
536	4 miles west	H. R. Patterson	C. Y. Gorman	1937	325	14	--
537	8½ miles west	Mrs. M. B. Holmes	-- Casebolt	1937	319	16,14	1.0
538	10 miles west	V. W. Hennessee	D. L. Handley	1937	305	15,13½	1.5
539	10½ miles southwest	Lon L. Davis	C. Y. Gorman	1937	366	14	1.5
540	do.	J. S. Hale	-- Whitfield	1936	345	15,10	--
541	12 miles west	E. W. Turner	--	1937	--	--	1.5
542	do.	R. B. Gary	-- Tarkington	1936	325	15,10	1.1
543	11½ miles west	W. C. Trowbridge	W. O. Tye	1936	320	13,10	1.5
544	do.	W. N. Jones	do.	1937	300	18	1.5
545	13 miles west	W. S. Hanna	do.	1936	225	16,12	--
546	do.	L. A. Williams	D. L. Handley	1937	367	15½,13	2.0
547	12½ miles west	Geo. M. Finkner	W. O. Tye	1934	330	15½,10	0.8
548	12½ miles southwest	G. W. DeCordova	C. Y. Gorman	1937	382	14	1.5

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
535	130.9	June 12, 1937	None	N	
536	--	--	T,G, 44	Irr	Cased. Yield 800 gallons a minute, reported in 1937. See log.
537	82.0	Nov. 8, 1937	T,G, 80	Irr	Casing: 16 to 14-inch to 319 feet. Pump set at 200 feet, 9-inch column. Measured drawdown 76 feet while pumping 512 gallons a minute in August 1939. Reported to have irrigated 230 acres in 1937.
538	75.7	June 8, 1937	T,G, 80	Irr	Casing: 15 $\frac{1}{2}$ -inch to 180 feet, 13 $\frac{1}{2}$ -inch from 152 to 282 feet. Pump set at 140 feet, 8-inch column. Yield 800 gallons a minute and 145 acres under irrigation, reported in 1937. See log.
539	76.3	Nov. 19, 1937	T,E, --	Irr	Cased. Pump set at 140 feet, 8-inch column. Yield 800 gallons a minute and 420 acres under irrigation, reported in 1937. See log.
540	d/ 69	--	T,E, 40	Irr	Casing: 15 and 10-inch to 345 feet. Pump set at 140 feet, 8-inch column. Yield 750 gallons a minute and 340 acres under irrigation, reported in 1937. See log.
541	67.1 73.0	Nov. 12, 1937 Oct. 26, 1945	T,G, 85	Irr	Estimated yield 600 gallons a minute in 1937. Reported to have irrigated 436 acres in 1937.
542	64.4	Aug. 3, 1939	T,E, 30	Irr	Casing: 140 feet of 15-inch then 10-inch to 325 feet. Pump set at 120 feet. Estimated yield 600 gallons a minute in 1939. Reported to have irrigated 436 acres in 1937.
543	63.8	Nov. 12, 1937	T,E, 30	Irr	Casing: 145 feet of 13-inch then 10-inch to 220 feet. Pump set at 130 feet, 8-inch column. Reported to have irrigated 280 acres in 1937.
544	50.3	Oct. 26, 1945	T,E, --	Irr	Cased. Pump set at 130 feet. 1937.
545	--	--	T,G, 50	Irr	Casing: 16 and 12-inch to 225 feet. Pump set at 120 feet, 8-inch column. Estimated yield 800 gallons a minute in 1937. Reported to have irrigated 475 acres same year.
546	61.6	Nov. 19, 1937	T,E, --	Irr	Casing: 160 feet of 15 $\frac{1}{2}$ -inch then 13-inch to 239 feet. Deepened from 241 to 367 feet. Pump set at 120 feet, 8-inch column. Measured drawdown 41 feet after pumping about 700 gallons a minute for 9 $\frac{1}{2}$ hours in August 1939. Reported to have irrigated 328 acres in 1937. See partial log.
547	73.2	Nov. 12, 1932	T,E, 40	Irr	Casing: 15 $\frac{1}{2}$ to 10-inch to 330 feet. Pump set at 120 feet, 8-inch column. Drawdown 65 feet after pumping 700 gallons a minute for 10 hours and 402 acres under irrigation, reported in 1937.
548	81.9	Aug. 3, 1939	T,E, 40	Irr	Cased. Pump set at 130 feet, 9-inch column. Drawdown 41 feet after pumping 900 gallons a minute for 6 days and 383 acres under irrigation from this well and well 549, reported in 1937. See log.

Records of wells and springs in Floyd County--Continued

Well	Distance from Floydada	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
549	12½ miles southwest	G. W. DeCordova	D. L. Handley	1937	360	16,14	3.5
550	do.	H. A. Krause	W. T. Tarkington	1934	190	14,12	0.5
551	15 miles southwest	E. R. Gibson	do.	1936	175	12	1.0
552	14½ miles southwest	L. M. Wortes	do.	1936	200	16	1.5
553	15½ miles southwest	W. H. Taylor	do.	1937	187	18,13	--
554	13½ miles southwest	A. S. Green	Peerless Pump Co.	1936	215	16,13	--
555	14 miles southwest	W. L. O'Dell	W. T. Tarkington	1937	260	15½, 13½	--
556	do.	R. W. Case	Harmon Handley	1937	260	15½	1.5
557	10½ miles southwest	B. W. Hemphill	W. T. Tarkington	1936	243	16,14	1.0
558	10 miles southwest	H. L. Hartsell	Bradford Supply	1937	308	14,10	--
559	9 miles southwest	Sidney Johnson	do.	1937	354	16,14	--
560	do.	-- Bearder	do.	1937	350	18,12	0.7
561	8½ miles south	--	--	1930	170	6	0.5
562	7 miles south	H. W. Carver	--	Old	164	4½	3.4
564	8 miles south	W. C. Walker	C. Y. Gorman	1937	387	16	1.1
565	2 miles northwest	O. E. Murray	--	Old	116	6	0.4
566	6½ miles southwest	W. M. Massey	--	-- Spring	--	--	--
567	7½ miles southwest	J. F. Martin	Green Machinery Co.	1945	356	16	--
568	8 miles southwest	O. M. Watson	W. O. Tye	1944	354	14	4.5

Well	WATER LEVEL		Method of lift b/	Use of water c/	Remarks
	Below land surface (ft.)	Date of measurement			
549	82.9	Aug. 3, 1939	T,E, 40	Irr	Cased. Pump set at 140 feet, 9-inch column. Drawdown 39 feet after pumping 900 gallons a minute for 6 days, reported
550	72.5	Nov. 12, 1937	T,G, 44	Irr	Casing: 90 feet of 14-inch then in 1937. 12-inch to 130 feet. Pump set at 96 feet, 8-inch column. Drawdown 37 feet after pumping 750 gallons a minute for 12 hours, and 179 acres under irrigation,
	73.4	Dec. 29, 1938			
551	72.5	Nov. 12, 1937	T,G, 28	Irr	Cased. Yield 700 gallons a minute and 145 acres under irrigation, reported in 1937.
552	68.0	Nov. 12, 1937	T,G, 80	Irr	Cased. irrigation, reported in 1937. Pump set at 110 feet, 8-inch column. Reported to have irrigated 256 acres in
	73.0	Oct. 26, 1945			
553	--	--	T,G, 85	Irr	Casing: 150 feet of 18-inch then 1937. 13-inch to 187 feet. Pump set at 110 feet, 8-inch column. Yield 900 gallons a minute and 284 acres under irrigation,
554	--	--	T,G, 85	Irr	Casing: 160 feet of reported in 1937. 16-inch then 13-inch to 215 feet. Yield 900 gallons a minute and 312 acres under
555	--	--	T,G, 80	Irr	Casing: irrigation, reported in 1937. 15½-inch to 108 feet then 13½-inch to 260 feet. Yield 800 gallons a minute and 37 acres under irrigation, reported
556	87.8	Nov. 5, 1937	T,G, 50	Irr	Cased. Pump set at 160 feet, in 1937. 8-inch column. Yield 1,000 gallons a
	88.4	Dec. 28, 1938			
557	89.0	Oct. 15, 1945	T,G, 100	Irr	Casing: minute, reported in 1937. 172 feet of 16-inch then 14-inch to 243 feet. Pump set at 160 feet, 8-inch column. Drawdown 65 feet after pumping 800 gallons a minute for 12 hours, re-
558	--	--	T,G, 60	Irr	Casing: 14 and 10- reported in 1937. inch to 308 feet. Pump set at 150 feet, 8-inch column. Yield 900 gallons a
559	--	--	T,G, 60	Irr	Casing: minute, reported in 1937. 16 and 14-inch to 354 feet. Yield 900 gallons a minute, reported in 1937.
560	102.7	Nov. 5, 1937	T,G, 60	Irr	Casing: 18 and 12-inch to 350 feet. Yield 950 gallons a minute, reported in
561	129.5	June 16, 1937	C,W	D	Not cased. 1937.
562	132.6	June 12, 1937	C,W	D,S	Located near creek.
	134.2	July 28, 1937			
564	138.4	Nov. 5, 1937	T,G, 170	Irr	Pump set at 200 feet, 8-inch column. Reported to have irrigated 166 acres in
	142.8	Oct. 15, 1945			
565	108.5	June 8, 1937	C,W	D,S	1937. See log.
566	--	--	Flows	S	Located in White River canyon. Seeps from banks and bed of stream.
567	--	--	T,G, 100	Irr	
568	108.7	Sept. 26 1945	T,G, 140	Irr	Cased. Pump set at 150 feet, 8-inch column. Measured yield 1,070 gallons a minute.

Records of wells and springs in Floyd County--Continued

Well	Distance from Floydada	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
569	9 miles southwest	D. F. Payne	W. J. Altman	1940	350	15, 12 $\frac{1}{2}$	--
570	9 $\frac{1}{2}$ miles southwest	R. W. Kelly	W. O. Tye	1944	368	14	--
571	11 miles southwest	Olin Bryant	L. P. Davis and Sons	1944	350	--	--
572	do.	W. M. Day	W. O. Tye	1944	350	14	--
573	10 $\frac{1}{2}$ miles southwest	D. F. Payne	do.	1944	360+	16	--
574	do.	Robert E. Smith	Green Machinery Co.	1940	350	16	--
575	10 miles southwest	L. H. Smith	--	1940	292	16, 12, 8	--
576	11 miles southwest	George L. Smith	--	1944	--	--	--
577	do.	L. A. Pate	W. O. Tye	1945	350+	--	--
578	10 miles southwest	J. J. Smith, Jr.	do.	1943	346	12 $\frac{1}{2}$	--
579	do.	H. E. Graham	Green Machinery Co.	1944	344	14	--
580	11 miles southwest	T. E. Davis	W. O. Tye	1945	403	12	--
581	do.	Charles Schuler	Scot Stanfield	1945	408	16	1.0
582	12 miles southwest	W. B. Edwards	W. O. Tye	1945	367	16, 12	--
583	do.	J. W. Stringer Est.	A. Tye	1939	386	17	--
584	10 miles west	S. H. Boon	Exploration Co.	1928	4,015	--	--
585	9 $\frac{1}{2}$ miles west	Henry A. Bollman	W. O. Tye	1938	312	14, 10	--
586	8 $\frac{1}{2}$ miles northwest	C. F. Harris	do.	1936	290	15 $\frac{1}{2}$, 12	--
587	13 miles southwest	Dr. A. E. Guthrie	--	1940	--	--	--
588	do.	Benny Davis	W. T. Tarkington	1937	210	15 $\frac{1}{2}$, 13	--
589	14 miles southwest	J. C. Alford	L. A. Peeples	1940	347	15	--
590	13 miles southwest	W. B. Eakin	Orin Tye	1945	367	16	1.5
591	do.	J. M. Williams	--	1940	395	--	--
592	11 miles southwest	McCoy School	--	--	110	--	0.5
593	13 miles southwest	Mrs. Charles Ailman	Floyd Reagan	1940	221	15, 13	--
594	14 miles southwest	Herman Millican	John Bell	1938	377	--	--

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
569	d/107	Nov. 1940	T,G, 95	Irr	Casing: 241 feet of 15-inch and 115 feet of 12 $\frac{1}{2}$ -inch. Pump set at 150 feet, 8-
570	--	--	T,G, ---	Irr	Cased. Pump [] inch column. See log. set at 170 feet, 8-inch column. See log.
571	--	--	T,G, 90	Irr	Pump set at 170 feet, 8-inch column.
572	--	--	T,G, 90	Irr	Cased. Pump set at 140 feet, 8-inch column.
573	--	--	T,G, 85	Irr	Pump set at 150 feet, 8-inch column.
574	--	--	T,G, 90	Irr	Cased. Pump set at 140 feet, 8-inch column. See log.
575	--	--	T,G, 95	Irr	Casing: 189 feet of 16-inch; 80 feet of 12-inch; 28 feet of 8-inch. Pump set at
576	--	--	T,G, 100	Irr	Pump set at 150 [] 156 feet, 8-inch column, feet, 8-inch column.
577	--	--	T,G, 80	Irr	
578	--	--	T,G, 100	Irr	Cased. Pump set at 150 feet, 8-inch column. See log.
579	d/ 92	Dec. 21, 1944	T,G, 100	Irr	Do.
580	--	--	T,G, 95	Irr	Do.
581	89.7	Oct. 30, 1945	T,G, --	Irr	Pump set at 140 feet, 8-inch column.
582	--	--	T,G, 90	Irr	Casing: 200 feet of 16-inch then 12-inch to 367 feet. Pump set at 150 feet, 8-
583	--	--	T,G, 90	Irr	Cased. Pump set at 150 [] inch column. feet, 8-inch column. "Red Beds" at 385
584	--	--	None	N	Oil test. See log. [] feet.
585	d/ 45	June 7, 1938	T,E, --	Irr	Casing: 14-inch to 200 feet; 10-inch from 195 to 310 feet. See log.
586	d/ 42	Dec. 1936	T,E, --	Irr	Casing: 15 $\frac{1}{2}$ -inch to 120 feet then 12-inch to 250 feet. Pump set at 90 feet, 8-inch column. Reported to have irrigated
587	--	--	T,G, 85	Irr	Pump set at 150 [] 405 acres in 1937. feet, 8-inch column.
588	--	--	T,G, 50	Irr	Casing: 15 $\frac{1}{2}$ and 13-inch to 210 feet. Pump set at 110 feet, 8-inch column.
589	d/ 80	Dec. 1940	T,G, 95	Irr	Cased. Pump set at 140 feet, 8-inch column.
590	89.0	Oct. 14, 1945	T,G, 100	Irr	
591	--	--	T,G, 95	Irr	Pump set at 130 feet, 8-inch column.
592	93.8	Jan. 1, 1938	C,W	P	
593	d/ 80	Apr. 1940	T,G, 85	Irr	Casing: 117 feet of 15-inch; 105 feet of 13-inch. Pump set at 130 feet, 8-inch
594	--	--	T,G, 80	Irr	Pump set at 150 feet, 8-inch [] column. column.

Records of wells and springs in Floyd County--Continued

Well	Distance from Floydada	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
595	14 miles southwest	Mrs. A. S. Green	Jack Tarrington	1941	177	--	--
596	16 miles southwest	J. W. Allen	--	1944	204	16, 14	--
597	do.	do.	Jack Tarrington	1945	240+	16	--
598	15 miles southwest	L. M. Wortes	Fox and Hildredge	1938	200+	16	--
602	3 $\frac{1}{4}$ miles east	Robert T. Bartley	--	Old	164	6	0.3
603	5 $\frac{1}{2}$ miles east	Gladys Fox	--	Old	190	6	--
604	9 $\frac{1}{2}$ miles east	G. B. Lewis	--	Old	256	4 $\frac{1}{2}$	1.4
605	10 $\frac{1}{2}$ miles east	W. B. Jones	--	1930	245	5	--
606	12 miles east	Mrs. Iris L. Colston	--	--	281	4	1.3
607	14 $\frac{1}{2}$ miles east	Mrs. Kate Martin	--	Old	270	4 $\frac{1}{2}$	1.3
608	14 miles east	F. M. Dougherty	D. L. Handley	1927	315+	5- 5/8	--
609	16 $\frac{1}{2}$ miles southeast	do.	--	1918	390	4 $\frac{1}{2}$	0.3
610	7 $\frac{1}{2}$ miles east	Baker School	-- Jackson	1922	210	4	0.9
611	7 miles east	J. P. Hart	do.	1918	216	4	0.2
612	4 $\frac{1}{2}$ miles south	Lovell L. Jones	C. Y. Gorman	1937	230	14	1.3
613	8 miles southeast	-- Newton	--	--	232	4 $\frac{1}{2}$	0.5
614	8 $\frac{1}{2}$ miles southeast	Lakeview School	--	--	200+	--	--
615	16 miles east	J. D. Glover	--	1919	312	5	1.0
616	17 miles southeast	F. M. Dougherty	--	1924	265	4 $\frac{1}{2}$	0.3
617	16 miles southeast	do.	--	Old	325	6	1.7
618	17 miles southeast	do.	--	1922	265	4 $\frac{1}{2}$	0.2
619	18 miles southeast	Mrs. C. T. Beckham	--	Old	300+	5	1.0
620	do.	F. M. Dougherty	--	1922	310	4 $\frac{1}{2}$	2.1

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
595	d/ 80	Feb. 1941	T,G, 80	Irr	Pump set at 132 feet, 8-inch column.
596	--	--	None	N	Casing: 16 and 14-inch to 204 feet. Pump moved to well 397 because of fouled
597	--	--	T,G, 80	Irr	Cased to about 200 feet. Pump casing set at 120 feet, 8-inch column.
598	--	--	T,G, 80	Irr	Cased. Pump set at 110 feet, 8-inch column. Measured yield 525 gallons a
602	154.2	June 14, 1937	C,W	D,S	minute in August 1939.
603	e/	--	C,W	D,S	
604	198.5	June 16, 1937	C,W	N	
605	e/	--	C,W	S	
606	242.7	June 14, 1937	C,W	D,S	
607	238.8 238.9	June 14, 1937 Dec. 18, 1941	None	N	
608	--	--	C,G, 20	P	Cased to 262 feet. Supplies about 30 customers in town of Dcugherty.
609	d/237	--	C,W	S	Cased.
610	198.1	Jan. 26, 1938	C,W	P	Casing: 40 feet of 4-inch in bottom.
611	195.1	do.	C,W	D,S	Do.
612	146.5	Nov. 9, 1937	T,G, 190	Irr	Cased. Pump set at 200 feet, 8-inch column. See log.
613	176.3	Jan. 27, 1938	None	N	
614	--	--	C,W	P	
615	249.3	Oct. 25, 1939	C,W	D,S	Temperature 64° F.
616	236.9	do.	C,W	D,S	Cased.
617	235.7	Oct. 24, 1939	C,W	N	
618	238.2	Oct. 26, 1939	C,W	D,S	Cased.
619	225.3	Oct. 24, 1939	C,W	D,S	
620	227.8	Oct. 25, 1939	C,W	D,S	Cased.

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
621	11 miles north	S. A. L. Morgan	Green Machinery Co.	1940	204	16	--
622	do.	Marvin Schurbet	--	1938	--	--	--
623	9½ miles north	Lloyd A. Wofford	Green Machinery Co.	1940	200	16	--
624	9 miles north	J. T. Griffin	W. J. Altman	1940	202	15½, 12½	--
625	8½ miles north	J. W. Schepers	--	1940	--	--	--
626	7½ miles north	Joe Foster	Leo Koger	1941	200	16	1.5
627	do.	H. E. Frizzell	--	1945	207	14	--
628	6 miles north	W. O. Speck	Patton and Asher	1942	270	14	--
630	5 miles north	Lane Ferguson	--	1944	216	16	--
631	6½ miles northeast	R. W. Smith	--	1945	250+	--	--
632	7 miles northeast	-- Leaverton	--	1945	290	16	--
633	do.	Joe S. Reeves	W. O. Tye	1944	282	12	--
634	8 miles northeast	R. W. Smith	--	1944	286	--	--
635	13 miles northeast	J. V. Nelson	L. P. Davis and Sons	1945	228	14	1.0
636	2 miles northeast	W. R. Kendall	Jack McBride	1941	200	14	--
637	do.	J. H. Abel	Green Machinery Co.	1944	239	16	1.0
638	2¾ miles northeast	Thomas Bros.	J. G. Buth	1941	197	16	1.0
639	4½ miles northeast	J. D. Burkham	Green Machinery Co.	1941	222	16	--
640	do.	do.	--	1945	206	16	--
641	4¾ miles northeast	Artie Baker	Green Machinery Co.	1941	200+	15	1.0
642	7½ miles southwest	Sam Dalmont	F. L. Mocre	1940	240	15, 12½	--
643	6 miles southwest	W. D. Lacewell	Green Machinery Co.	1945	208	16	--
644	do.	W. R. Childress	do.	1944	215	16	--
645	do.	Dean and Ola Bradburn	do.	1945	--	--	--
646	5½ miles west	do.	do.	1940	228	16	--

Well	WATER	LEVEL	Method of lift b/	Use of water c/	Remarks
	Below land surface (ft.)	Date of measurement			
621	--	--	T,E, --	Irr	Cased. Pump set at 120 feet, 8-inch column. Located 100 yards north of
622	--	--	T,G, 80	Irr	Pump set at 80 feet, well 17. See log.
623	d/ 70.4	Mar. 1940	T,E, 20	Irr	Cased. Measured drawdown 18.4 feet after pumping 610 gallons a minute for 14 hours in April 1940. See log.
624	d/ 74	Jan. 1940	T,E, 30	Irr	Casing: 15 $\frac{1}{2}$ and 12 $\frac{1}{2}$ -inch to 202 feet. Pump set at 120 feet, 8-inch column.
625	--	--	T,G, 85	Irr	Pump set at 110 feet, 9-inch column.
626	67.8	Oct. 22, 1945	T,G, 80	Irr	Cased, Pump set at 120 feet.
627	--	--	T,G, 93	Irr	Cased. Pump set at 130 feet, 8-inch column.
628	--	--	T,G, --	Irr	Cased. Pump set at 140 feet, 8-inch column. Sand reported thin in a well drilled 100 feet south.
630	d/ 60	Oct. 1944	T,E, --	Irr	Pump set at 130 feet, 8-inch column.
631	--	--	T,E, 30	Irr	Do.
632	d/ 80	Apr. 1945	T,E, --	Irr	Pump set at 140 feet, 8-inch column.
633	--	--	T,E, 30	Irr	Cased. Pump set at 120 feet, 8-inch column. See log.
634	--	--	T,E, 40	Irr	Drilled to replace well 34. Pump set at 130 feet.
635	102.1	Sept. 21, 1945	T,G, 100	Irr	Cased. Pump set at 130 feet, 8-inch column.
636	d/ 80	May 1941	T,E, --	Irr	Cased. Pump set at 130 feet, 8-inch column. See log.
637	86.1	Oct. 30, 1945	None	N	Pump and casing pulled. Insufficient water for irrigation. See log.
638	80.4 91.6	Jan. 20, 1941 Oct. 30, 1945	T,G, --	Irr	Cased. Pump set at 132 feet. "Red Beds" at 193 feet. See log.
639	d/ 72	Jan. 1941	T,E, --	Irr	Cased. Pump set at 132 feet. See log.
640	--	--	T,E, 40	Irr	Cased. Pump set at 140 feet. "Red Beds" at 206 feet.
641	86.3	Sept. 21, 1945	None	N	Cased. Used one season. Yield small. Casing collapsed and well abandoned.
642	d/ 35	Nov. 1941	T,G, 90	Irr	Casing: 112 feet of 15-inch and 143 feet of 12 $\frac{1}{2}$ -inch. Pump set at 80 feet, 9-
643	--	--	T,G, 100	Irr	Cased. Pump set at 120 feet, 9-inch column. See log.
644	--	--	T,G, 150	Irr	Cased. Pump set at 100 feet, 8-inch column. See log.
645	--	--	--	Irr	Drilling when visited in September 1945.
646	d/ 53	Mar. 1941	T,G, 100	Irr	Cased. Pump set at 96 feet, 10-inch column. See log.

Records of wells and springs in Floyd County--Continued

Well	Distance from Lockney	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
647	4½ miles southwest	W. E. Taack	J. S. Tarkington	1940	170	--	--
648	5 miles southwest	John and Oliver Holmes	Green Machinery Co.	1943	225	16	--
649	5½ miles southwest	Mrs. Vera Holt	do.	1940	240	16	--
650	6 miles southwest	W. G. Hodel	--	1945	258	14	--
651	6½ miles southwest	Frank Probasco	Jack McBride	1941	295	14	--
652	2¾ miles southwest	Addie L. Sams	W. O. Tye	1945	298	16	--
653	2 miles southwest	Frank Perkins	W. J. Altman	1939	264	12½	--
654	do.	do.	-- Gray	1945	--	14	1.0
655	1½ miles southwest	Floyd Huff	W. O. Tye	1944	303	14	--
656	1 mile south	T. L. Griffith	Green Machinery Co.	1940	240	12	--
657	1¾ miles southwest	C. O. Roberts	do.	1940	282	16	--
658	1½ miles southwest	E. M. Norman	D. L. Handley	1940	300	16	--
659	1½ miles south	Woodson Terrell	Green Machinery Co.	1943	300	16	--
660	1¾ miles south	do.	do.	1944	300	16	--
661	2 miles south	R. J. Bennett	H. P. Price	1940	--	--	--
662	2¼ miles southeast	do.	do.	1940	345	--	--
663	4½ miles southwest	Raymond Rucker	John Fish	1945	280	16	--
664	4¼ miles south	W. L. Haytor	Green Machinery Co.	1941	302	16	--
665	3¾ miles south	J. B. Harper	Geo. Moore	1944	310	16	--
666	3¼ miles southeast	Glen C. Watson	--	1945	--	--	--
667	3½ miles southeast	Ed Muncy	Green Machinery Co.	1944	305	16	--
668	5 miles southeast	R. I. Bennett	W. O. Tye	1944	1,400+	17	--
669	5½ miles southeast	John Hoffman	C. P. Thurlkill	1945	190	16	--

Well	WATER	LEVEL	Method of lift b/ c/	Use of water c/	Remarks
	Below land surface (ft.)	Date of measurement			
647	d/ 60	Mar. 1940	T,G, 80	Irr	Pump set at 100 feet, 10-inch column. See log.
648	d/ 40	Sept. 1943	T,G, 90	Irr	Cased. Pump set at 100 feet, 8-inch column. See log.
649	d/ 74	Aug. 1940	T,G, 95	Irr	Cased. Pump set at 120 feet, 8-inch column. See log.
650	--	--	T,G, 90	Irr	Cased. Pump set at 110 feet, 8-inch column.
651	d/ 52	May 1941	T,G, 80	Irr	Drilled to replace well 470. Cased to 226 feet. Pump set at 120 feet, 9-inch column. See log.
652	--	--	T,E, 30	Irr	Cased.
653	d/ 51	May 27, 1940	T,E, 15	Irr	Deepened from 166 to 264 feet. Cased. Pump set at 100 feet, 8-inch column. Measured yield 628 gallons a minute in February 1940.
654	63.9	Sept. 24, 1945	None	Irr	Well just completed when visited.
655	--	--	T,E, 30	Irr	Cased. Pump set at 110 feet, 8-inch column. See log.
656	--	--	T,G, 85	Irr	Cased. Pump set at 130 feet, 8-inch column.
657	--	--	T,E, 35	Irr	Cased. Pump set at 128 feet. See log.
658	--	--	T,G, 80	Irr	
659	--	--	T,E, 30	Irr	Cased. Pump set at 110 feet, 8-inch column. See log.
660	d/ 56	Nov. 7, 1944	T,E	Irr	Do.
661	--	--	T,G, 100	Irr	Pump set at 120 feet, 9-inch column.
662	d/ 53	Sept. 1940	T,G, 95	Irr	Cased to 332 feet. Pump set at 130 feet, 9-inch column. See log.
663	d/ 57	1945	T,E, 40	Irr	Cased to 275 feet. Pump set at 120 feet, 8-inch column. See log.
664	d/ 51	Apr. 1941	T,E, 20	Irr	Cased. Pump set at 96 feet, 8-inch column. See log.
665	d/ 60	July 1944	T,E, 40	Irr	Cased. Pump set at 120 feet, 8-inch column.
666	--	--	None	Irr	Drilling when visited in October 1945.
667	--	--	T,G, 100	Irr	See log.
668	--	--	None	N	Insufficient water for irrigation.
669	--	--	None	N	Insufficient water for irrigation. "Red Beds" at 145 feet. Reported yield 200 gallons a minute.

Records of wells and springs in Floyd County--Continued

Well	Distance from Floydada	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
670	13 miles northwest	Mrs. Alice Boyd	Green Machinery Co.	1945	265	16	1.0
671	12 miles northwest	M. S. Robertson	-- Boagel	1945	291	16	--
672	13 miles west	J. W. Stringer Est.	W. O. Tye	1937	307	15, 13, 10	1.0
673	12 miles west	do.	do.	1940	300+	15	2.0
674	11 miles west	do.	do.	1941	381	15	--
675	11 miles northwest	do.	do.	1938	335+	--	1.0
676	do.	R. C. Fisher	Leo Koger	1939	360	16	--
677	10 miles northwest	W. M. Goode	W. O. Tye	1941	317	15	--
678	do.	George T. Merriweather	-- Altman	1939	270	15, 13½	--
679	8 miles northwest	H. E. Blenden	D. L. Handley	1945	280	16	--
680	9 miles northwest	B. B. Wilkes	W. O. Tye	1944	343	12	--
681	do.	D. D. Tate	do.	1944	315	12	--
682	7½ miles northwest	A. C. Ainer	--	1944	270	--	--
683	8½ miles west	Ed. Holmes	Green Machinery Co.	1940	315	16	2.0
684	9 miles west	do.	do.	1945	330	16	--
685	8½ miles west	John W. Thomas	W. O. Tye	1940	199	14½	--
686	do.	Mrs. Myrtle Chatham	--	1945	315	14	--
687	7½ miles west	A. V. Womack	Green Machinery Co.	1945	322	16	--
688	7 miles northwest	W. E. Miller	do.	1943	240	16	--
689	6½ miles northwest	-- Robinson	--	1945	260	16	--
690	7 miles northwest	W. L. Haytor	Green Machinery Co.	1941	300	16	--
691	do.	Clark Harris	do.	1940	285	16	--
692	6½ miles northwest	Collins Walker	W. O. Tye	1944	306	12	--
693	6 miles northwest	do.	Green Machinery Co.	1941	245	16	1.0
694	5½ miles northwest	F. C. Irwin	S. J. Handley	1944	313	15, 12	1.0

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
670	49.8	Oct. 26, 1945	None	Irr	Cased. Pump not installed October 26, 1945.
671	--	--	T,E, 30	Irr	Cased. Pump set at 140 feet, 8-inch column.
672	53.9	Sept. 25, 1945	T,E, 40	Irr	Casing: 105 feet of 15-inch, 90 feet of 13-inch; and 110 feet of 10-inch. Pump set at 100 feet, 9-inch column. See log.
673	57.4	do.	T,E, 30	Irr	Pump set at 80 feet.
674	--	--	T,E, 40	Irr	Cased. Pump set at 150 feet, 8-inch column.
675	42.1	Dec. 5, 1938	T,E, 40	Irr	
676	--	--	T,G, 80	Irr	Cased to 150 feet. Pump set at 100 feet, 8-inch column. See log.
677	d/ 40	Mar. 1941	T,G, 90	Irr	Cased to 240 feet. Pump set at 120 feet, 9-inch column. See log.
678	d/ 58	Mar. 1940	T,E, 30	Irr	Casing: 140 feet of 15-inch and 120 feet of 12 $\frac{1}{2}$ -inch. Pump set at 90 feet, 8-inch column. Yield 800 gallons a
679	--	--	T,E, 30	Irr	Cased. Pump <u>minute</u> , reported in 1940. set at 110 feet. Drilled to replace
680	--	--	T,E, 30	Irr	Cased. <u>well 515.</u>
681	--	--	T,E, 30	Irr	Cased. Pump set at 120 feet, 8-inch column.
682	--	--	T,E, --	Irr	
683	52.0	Jan. 20, 1945	T,E, 35	Irr	Cased. Pump set at 130 feet, 8-inch column. See log.
684	d/ 50	1945	T,E, 30	Irr	Do.
685	--	--	T,E, 30	Irr	Cased. Pump set at 120 feet, 8-inch column. Measured yield 781 gallons a
686	--	--	T,G, 93	Irr	Pump set at <u>minute in August 1939.</u> 130 feet, 8-inch column.
687	d/ 53	July 1945	T,G, 100	Irr	Cased. Pump set at 130 feet, 8-inch column. See log.
688	d/ 60	Sept. 1943	T,E, 30	Irr	Cased. Pump set at 120 feet, 8-inch column. See log.
689	--	--	T,E, 30	Irr	Cased. Pump set at 120 feet.
690	d/ 73	Apr. 1941	T,E, 35	Irr	Cased. Pump set at 132 feet, 8-inch column. See log.
691	--	--	T,E, 35	Irr	Cased. Pump set at 124 feet, 8-inch column. See log.
692	--	--	T,E, 30	Irr	Cased. Pump set at 120 feet, 8-inch column. See log.
693	60.1	Sept 26, 1945	T,E, 20	Irr	Cased to 208 feet. Pump set at 140 feet, 6-inch column. Called a weak well. See
694	59.0	do.	None	N	Casing: 198 feet of 16-inch and <u>log.</u> 109 feet of 12-inch. Used in 1945 but insufficient for irrigation. See log.

Records of wells and springs in Floyd County--Continued

Well	Distance from Floydada	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
695	5½ miles northwest	F. C. Irwin	C. P. Thurlkill	1945	--	--	--
696	do.	do.	do.	1945	420	16	--
697	6 miles northwest	R. A. Bedwell	A. Ireland	1945	232	16	--
698	do.	do.	do.	1945	242	16	--
699	5 miles northwest	Maurice W. Campbell	--	1945	258	15	--
700	4 miles northwest	H. R. Patterson	--	1944	347	--	1.2
701	4½ miles northwest	Mrs. A. J. Welch	W. O. Tye	1944	325±	--	--
702	5 miles west	G. M. Perry	Bradford Supply Co.	1944	303	16	--
703	do.	J. V. Daniel	Green Machinery Co.	1945	324	16	--
704	3½ miles west	Mrs. Ethel Trice	W. O. Tye	1944	331	14	1.0
705	4 miles southwest	R. B. Rosson	Green Machinery Co.	1941	339	16	--
706	5¼ miles southwest	J. P. Moss	W. O. Tye	1944	356	14,12	1.5
707	4½ miles southwest	W. N. Jones	do.	1940	395	--	--
708	6½ miles southwest	W. F. Daniel	Carl Mangum	1940	315	16	--
709	7½ miles southwest	Ernest Lee Thomas	W. O. Tye	1943	354	12½	--
710	do.	W. C. Snodgrass	do.	1943	358	15	--
711	8 miles southwest	J. B. Treadwell	Green Machinery Co.	1941	275	16	--
712	8½ miles southwest	Wilce McDonald	Loys Peoples	1944	362	16	--
713	7½ miles west	A. E. Miller	W. O. Tye	1944	340	12	--
714	9 miles west	-- Smalley	do.	1944	--	--	--
715	11 miles west	W. N. Jones	W. O. Tye	1945	330	16	--
716	12 miles west	Marvin Shurbet	do.	1940	315	14,11	1.7
717	do.	do.	--	1945	350±	16	1.5
718	13 miles west	Edgar W. Germany	L. P. Davis and Sons	1945	363	16	1.5
719	12 miles west	E. W. Turner	John Bell	1940	320	15	--
720	do.	James Z. Scott	W. O. Tye	1944	340	12	--

Well	LEVEL		Method of lift	Use of water	Remarks
	WATER Below land surface (ft.)	Date of measurement			
695	--	--	--	Irr	Being drilled when visited in November 1945.
696	--	--	T,G, --	Irr	Cased to 417 feet. Development pump set at 150 feet. Estimated yield 250 gallons
697	--	--	T,E, 40	Irr	Cased. Pump set <u>a minute</u> . See log. at 130 feet. "Red Beds" at 230 feet.
698	--	--	T,E, 50	Irr	Cased. Pump set at 140 feet, 10-inch column. "Red Beds" at 240 feet.
699	--	--	T,G, 100	Irr	Cased to 190 feet. Pump set at 140 feet, 8-inch column. Yield 950 gallons a minute, reported in 1945. See log.
700	76.0	Sept. 27, 1945	T,G, 100	Irr	See log.
701	--	--	T,G, 100	Irr	Pump set at 140 feet, 8-inch column.
702	--	--	T,G, 100	Irr	Cased. Pump set at 140 feet.
703	d/ 71	June 1945	T,G, 65	Irr	Cased. Pump set at 130 feet, 8-inch column. See log.
704	90.3	Oct. 23, 1945	T,G, 100	Irr	Cased. Pump set at 140 feet.
705	--	--	T,G, 95	Irr	Cased. Pump set at 156 feet, 8-inch column. See log.
706	117.5	Oct. 30, 1945	T,G, 75	Irr	Casing: 231 feet of 14-inch then 12-inch to 356 feet. Pump set at 160 feet,
707	--	--	T,G, 190	Irr	Pump set at 170 feet, <u>8-inch column</u> . 8-inch column.
708	d/ 85	1940	T,G, 93	Irr	Cased. Pump set at 140 feet, 9-inch column.
709	--	--	T,E, 30	Irr	Cased. Pump set at 150 feet, 8-inch column. See log.
710	--	--	T,G, 100	Irr	Pump set at 150 feet, 8-inch column. See log.
711	d/ 73	Apr. 1941	T,G, 95	Irr	Cased. Pump set at 132 feet, 8-inch column. See log.
712	--	--	T,G, 120	Irr	Cased to 317 feet. Pump set at 130 feet, 8-inch column.
713	d/ 48	Sept. 1944	T,G, 100	Irr	Cased. Pump set at 130 feet.
714	--	--	T,G, 100	Irr	Pump set at 120 feet, 8-inch column.
715	--	--	T,E, 30	Irr	Cased. Pump set at 130 feet, 8-inch column.
716	54.9	Sept. 25, 1945	T,E, 25	Irr	Casing: 14 and 11-inch to 200 feet. Pump set at 120 feet, 8-inch column.
717	56.1	do.	T,E, 30	Irr	Pump set at 140 feet, 8-inch column.
718	58.2	Oct. 26, 1945	T,G, 80	Irr	Cased. Pump set at 120 feet, 9-inch column.
719	--	--	T,G, 95	Irr	Cased. Pump set at 120 feet, 8-inch column.
720	--	--	T,G, --	Irr	Cased. Pump set at 140 feet, 8-inch column. See log.

Records of wells and springs in Floyd County--Continued

Well	Distance from Floydada	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
721	13 miles southwest	C A. Williams	W. O. Tye	1945	370	14,12	--
722	do.	William Finkner	John Bell	1938	357	14,11	1.0
723	11 miles southwest	A. R. Clubb	Floyd Reagan	1940	233	15,13 $\frac{1}{8}$	--
724	12 miles southwest	W. C. Clubb	---	1941	340+	--	--
725	do.	E. W. Turner	W. O. Tye	1943	363	12	0.5
726	13 miles southwest	Wesley Carr	do.	1945	380+	16,12	2.0

a/ Measuring point was usually top of casing, top of pipe clamp, or top of pump base or foundation.

b/ Method of lift: T, turbine; C, cylinder; E, electric; G, gasoline, natural gas, butane or oil engine; W, windmill. Number indicates horsepower.

Well	WATER LEVEL		Method of lift b/	Use of water c/	Remarks
	Below land surface (ft.)	Date of measurement			
721	d/ 60	Nov. 30, 1945	T,G, 100	Irr	Casing: 200 feet of 14-inch then 12-inch to 370 feet. Pump set at 140 feet, 8-inch column. Reported drawdown 51 feet while pumping about 900 gallons a minute on November 30, 1945.
722	d/ 63	Apr. 1938	T,E, --	Irr	Casing: 14 and 11-inch to 357 feet. Drawdown 47 feet after pumping about 1,000 gallons a minute for several days, reported in 1945.
723	d/ 56	July 1940	T,G, 85	Irr	Casing: 15 and 13 $\frac{1}{4}$ -inch to 233 feet. Pump set at 140 feet.
724	--	--	T,G	Irr	Pump set at 130 feet.
725	78.6	Oct. 26, 1945	T,E, 30	Irr	Cased. Pump set at 130 feet, 8-inch column. See log.
726	58.7	Oct. 13, 1945	--	Irr	Pump set at 140 feet, 8-inch column.

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

d/ Water level reported by driller or owner.

e/ Observation well, see table of water level measurements.

Table of drillers' logs, Floyd County, Texas

	Thickness (feet)	Depth (feet)
<u>Well 2</u>		
K. Sammann, 13 $\frac{1}{2}$ miles northwest of Lockney.		
Surface materials	3	3
Clay and caliche	2	5
Yellow clay	10	15
Sand and rock	10	25
Pink packsand	10	35
Yellow sand	10	45
Red sand	10	55
White rock	3	58
Pink sand	15	73
White sand	10	83
Chalky rock and sand	22	105
Clay and rock	5	110
Packsand	15	125
Gray sand	5	130
Packsand	30	160
Quicksand	7	167
Packsand	23	190
Red sand and gravel	9	199
Gravel	20	219

Well 12

J. B. Stevenson, 11 $\frac{1}{2}$ miles north of Lockney.

Top soil	63	63
White sand and clay	22	85
Brown clay	4	89
Soft-packsand	21	110
Clay and gravel	7	117
Red sand and clay	18	135
Loose-packed water sand	30	165
Tight-packed sand	26	191
Loose-packed water sand	9	200

Well 48

Plainview-Lockney Farms, 10 $\frac{1}{2}$ miles northwest of Lockney.

Top soil	6	6
Light-colored shale	4	10
Red shale	15	25
Sandy light-colored shale	30	55
Sandy lime	10	65
Hard-packed lime	2	67
Water sand	8	75
Red shale	35	110
Sandy lime	5	115
Loose-packed water sand	80	195
Sandy brown shale	5	200

	Thickness (feet)	Depth (feet)
<u>Well 48--Continued</u>		
Hard-packed lime	4	204
Gravel and coarse-grained sand	10	214
Red shale	1	215

Well 62

C. H. Huffman, 5 $\frac{1}{2}$ miles north of Lockney.

Top soil	64	64
Red clay and sand	27	91
Caving clay	20	111
Soft-packsand	12	123
Loose-packed red clay and gravel	24	147
Sand rock	7	154
Sand and gravel	16	170
Caving sand	18	188
Red clay	2	190
Red sand	21	211
Yellow clay	3	214
Gravel and sand	12	226
Red clay	1	227

Well 83

Mrs. W. C. Dalay, 12 miles northwest of Lockney.

Surface	35	35
Broken sand	23	58
Sand and clay	23	81
Sand	10	91
Tight sand	35	126
Sand with clay	12	138
Sand	67	205

Well 84

Stewart McKallip, 10 miles northwest of Lockney.

Caliche	10	10
Dry sand	5	15
Clay	20	35
Caliche and soft rock	15	50
Rock	28	78
Sand	40	118
Hard rock	4	122
Sand	48	170
Sand and gravel	15	185
Sand and big gravel	22	207

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 89</u>		
J. E. Stair, 8½ miles northwest of Lockney.		
Top soil	8	8
Clay	32	40
Caliche	15	55
Red sand	40	95
Scapy sand	13	108
Light sand	22	130
Sandy clay	25	155
Water sand	5	160
Sandy clay	30	190
Water sand and gravel	28	218
Red clay	2	220

	Thickness (feet)	Depth (feet)
<u>Well 93</u>		
Passumpic Savings Bank, 8 miles northwest of Lockney.		
Soil	3	3
Yellow clay	24	27
Caliche	28	55
Rock	7	62
Water sand	23	85
Brown shale	10	95
Water sand	35	130
White sandy shale	15	145
Water sand	25	170
Yellow clay	5	175

	Thickness (feet)	Depth (feet)
<u>Well 97</u>		
C. R. Veigel, 11 miles northwest of Lockney.		
Top soil	4	4
Caliche	3	7
Sandy clay	18	25
Sticky yellow clay	15	40
Hard caliche	3	43
Soft sandy clay	8	51
Chalk rock and clay	3	54
Brown clay	15	69
Brcwn sand	6	75
Caliche and sand	12	87
Red water sand	14	101
Packsand	9	110
River bed (stopped in river bed)	108	218

	Thickness (feet)	Depth (feet)
<u>Well 100</u>		
George W. Long, 7 miles northwest of Lockney.		
Surface	22	22
Caliche	19	41
Hard rock	5	46
Broken sand	7	53
Hard rock	3	56
Sand	23	79
Water sand	23	102
Broken sand	14	116
Water sand	88	204

	Thickness (feet)	Depth (feet)
<u>Well 111</u>		
T. L. & D. Co., 7 miles northwest of Lockney.		
Top soil	2.5	2.5
Clay and chalk	2.5	5
Clay	12	17
Shale	7	24
Clay	7	31
Shale	5	36
Shale, rock	3	39
Lime rock and boulders	7	46
Sandstone and boulders (water)	7	53
Shale, rock	8	61
Soft sandstone (water)	11	72
Shale	4	76
Soft sandstone (water)	6	82
Shale	6	88
Sandstone (water)	6	94
Shale	13	107
Fine-grained sand (water)	11	118
Shale	12	130
Gumbo	5	135
Fine-grained sand (water)	44	179
Sandstone (water)	12	191
Fine-grained sand (water)	18	209
Sandstone (water)	12	221
Coarse-grained sand (water)	9	230
Shale	9	239
Sandstone (water)	14	253
Coarse-grained sand (water)	8	261
Coarse-grained sand and gravel (water)	8	269
Coarse-grained sand (water)	7	276
Shale	2	278

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 112</u>		
T. L. & D. Co., 7 miles northwest of Lockney.		
Top soil	2	2
Clay and chalk	3	5
Clay	9	14
Clay and sand	5	19
Shale	5	24
Clay	7	31
Shale	5	36
Shale rock	5	41
Lime rock and boulders	7	48
Sandstone and boulders (water)	5	53
Soft lime and boulders	6	59
Shale rock	8	67
Sandstone (water)	4	71
Fine-grained sand	8	79
Clay	9	88
Shale	16	104
Fine-grained sand (water)	15	119
Soft sandstone (water)	13	132
Clay	19	151
Fine-grained sand (water)	13	164
Gumbo	7	171
Fine-grained sand (water)	18	189
Sandstone (water)	8	197
Clay	12	209
Coarse-grained sand (water)	8	217
Sandstone (water)	15	232
Shale	6	238
Coarse-grained porous sand (water)	8	246
Clay	5	251
Coarse-grained sand (water)	16	267
Small gravel and coarse-grained sand (water)	6	273
Coarse gravel (water)	4	277
Coarse-grained sand (water)	2	279
Clay	2	281

Well 129

Leo Cooper, 4½ miles north of Lockney.		
Top soil	4	4
Caliche	30	34
Rock	2	36
Caliche	6	42
Rock	2	44
Caliche	24	68
Sand	7	75

	Thickness (feet)	Depth (feet)
<u>Well 129--Continued</u>		
Shale	25	100
Caliche	53	153
Water sand	92	245
Red shale	1	246

Well 132

M. D. Aterburn, 2¾ miles northeast of Lockney.		
Surface	6	6
Soft sand	44	50
Hard packsand	5	55
Caliche	15	70
Dry sand	10	80
Water sand	11	91
Red clay	14	105
Packsand	12	117
Hard crystalized sand	8	125
Water sand	15	140
Sticky clay	30	170
Packsand	5	175
Water sand - river bed	14	189

Well 135

Mrs. J. F. Bickley, 2¼ miles north of Lockney.		
Surface material	62	62
Clay and sand	35	97
Red clay	18	115
Sandy clay	39	154
Sand and gravel	18	172
Sandy clay	10	182
Red clay	18	200
Coarse gravel	20	220

Well 138

John T. Carthel, 3 miles northwest of Lockney.		
Top soil	4	4
White clay	8	12
Brown clay and gravel	24	36
Red clay	12	48
Rock	5	53
Soft-packed red clay and gravel	35	88
Hard-packed red clay	15	103
Soft-packed sand	29	132
Hard-packed sand	18	150
Sand and gravel	35	185
Red clay	3	188
Soft-packed sand	13	201

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 161</u>		
T. L. & D. Co., 5 $\frac{1}{2}$ miles west of Lockney.		
Top soil	2	2
Clay and chalk boulders	6	8
Clay	6	14
Sand	12	26
Clay	5	31
Shale	12	43
Sand	7	50
Lime rock and boulders	4	54
Sand rock (water)	8	62
Clay	4	66
Hard shale	13	79
Fine-grained sand (water)	14	93
Sand rock	5	98
Shale	22	120
Gumbo	8	128
Sand (water)	15	143
Clay	8	151
Sand (water)	42	193
Shale	9	202
Coarse-grained sand (water)	35	237
Clay	10	247
Sand and gravel (water)	21	268
Clay	4	272
Coarse-grained sand (water)	6	278

	Thickness (feet)	Depth (feet)
<u>Well 167</u>		
Sam Howell, 3 miles northwest of Lockney.		
Surface material	55	55
Lime rock	4	59
Sand and clay	17	76
Joint clay	29	105
Sand and clay	25	130
Sand and gravel	14	144
Sand, dark	11	155
Sand and gravel	15	170
Sharp red sand	20	190

	Thickness (feet)	Depth (feet)
<u>Well 168</u>		
Albert Thomas, 2 $\frac{1}{2}$ miles northwest of Lockney.		
Surface material	57	57
White clay and sand	23	80
Red clay	44	124
Soft sand	7	131
Brown sand, cavey	16	147

	Thickness (feet)	Depth (feet)
<u>Well 168--Continued</u>		
Sand and gravel	21	168
Red clay	4	172
Packsand	15	187
Soft sand	18	205

	Thickness (feet)	Depth (feet)
<u>Well 170</u>		
W. J. Griffith, 2 miles northwest of Lockney.		
Surface material	52	52
Sand and gravel	35	87
Red clay	4	91
Brcwn clay and gravel	21	112
Cavey sand	9	121
Red clay	19	140
Cavey sand	16	156
Red clay	2	158
Cavey sand	27	185
Brcwn clay	4	189
Red sand	13	202

	Thickness (feet)	Depth (feet)
<u>Well 173</u>		
C. J. Taylor, 1 $\frac{1}{4}$ miles north of Lockney.		
Soil	3	3
Clay and chalk	6	9
Red clay	13	22
Sand and clay	13	35
Cap rock	31	66
Honeycomb rock with sand	24	90
Gray clay	3	93
Red clay	35	128
Water sand	2	130
Red clay	12	142
Water sand and gravel	13	155
Red clay	3	158
White water sand and gravel	30	188
Birds-eye clay	38	226
Water sand and gravel	8	234
Red clay	6	240
Gray water sand	10	250
Blue scapstone	3	253

	Thickness (feet)	Depth (feet)
<u>Well 175</u>		
A. A. and E. J. Thomas, 2 miles north-east of Lockney.		
Soil	5	5
Caliche	39	44
Cap rock	12	56
Water sand	11	67
Sand rock	2	69

(Continued on next page)

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 175--Continued</u>		
Chalk	16	85
Clay	25	110
Caliche and sand	15	125
Sand and rock	20	145
Brown sand	50	195
Gravel	20	215
Red beds	28	243

<u>Well 180</u>		
E. Q. Perry, 6½ miles northwest of Lockney.		
Top soil	2	2
Yellow clay	20	22
Caliche	17	39
Rock	5	44
White clay and rock	2	46
Red clay, sand and gravel	24	70
Red clay	20	90
Red clay and sand	9	99
Rock	2	101
White clay	11	112
Water sand	10	122
Packsand	16	138
White clay and sand	9	147
Packsand	15	162
Water sand	11	173
Red clay	3	176
Water sand	8	184
Coarse sand and gravel	19	203

<u>Well 181</u>		
J. C. Thomas and Sons, 6½ miles west of Lockney.		
Top soil	4	4
Gravelly clay	34	38
Rock	12	50
Clay	11	61
Water	1	62
Clay	33	95
Caving sand	12	107
Not given	18	125
Sand	30	155
Coarse sand and gravel	60	215
Clay	1	216

	Thickness (feet)	Depth (feet)
<u>Well 184</u>		
E. W. Brewer, 3½ miles northwest of Lockney.		
Top soil	3	3
Brown sandy clay	25	28
Caliche	24	52
Red rock, hard	35	87
Red sand, clay streaks	47	134
Brown sand, and gravel	70	204
White clay	14	218
Shelly sand and gravel	33	251

<u>Well 185</u>		
B. E. Harris, 6 miles northwest of Lockney.		
Top soil	3	3
Caliche	31	34
White rock	29	63
Red sand and clay-balls (water)	39	102
Brown clay	26	128
Rock	3	131
Sand and gravel	39	170
Brown clay	6	176
Red sand and gravel	84	260
Brown clay	12	272
Gray sand and gravel	29	303

<u>Well 186</u>		
Ed. Whitfill, 5½ miles northwest of Lockney.		
Soil	4	4
Caliche	14	18
Red clay	26	44
Rock	8	52
Red sand	9	61
Water sand	22	83
Red clay	12	95
Soapstone and sand	13	108
Tight sand	26	134
Red clay	7	141
Water sand	17	158
Red clay	7	165
Water sand	8	173
Red clay	4	177
Water sand	13	190
Red clay	4	194

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 187</u>		
-- Waldrop, 5 $\frac{1}{2}$ miles northwest of Lockney.		
Top soil	5	5
Caliche	15	20
Clay, shale, rock, and boulders	40	60
Joint clay	10	70
Red clay	42	112
Sand and clay	8	120
Clay	15	135
Sand and clay	10	145
Clay	10	155
Sand	15	170
Coarse-grained sand	15	185
Sand and gravel	65	250
Clay	5	255

Well 194 ✓

Paul Cooper, 3 miles north of Lockney.

Top soil	4	4
Yellow clay	34	38
Caprock	28	66
No record	2	68
Soft red sand	6	84
Clay	24	108
Red sand	62	170
Clay	7	177
Sand and gravel	26	203
Red beds	5	208

Well 196 ✓

Jake Griffith, 1 $\frac{3}{4}$ miles northwest of Lockney.

Top soil	3	3
Caliche	17	20
Red clay	20	40
Rock	10	50
Packsand and clay	30	80
Red clay	20	100
Clay	15	115
Water sand	8	123
Rocky str aks	3	126
Packsand, some gravel with alternating clay streaks	22	158
Water sand	27	185
Clay and thin rock streaks	55	240

	Thickness (feet)	Depth (feet)
<u>Well 197</u>		
W. J. Griffith, 2 $\frac{1}{4}$ miles northwest of Lockney.		
Top soil	5	5
Caliche	15	20
Soft clay	15	35
Clay, shale and rock	9	44
Rock	6	50
Red sand	8	58
Hard shale and joint clay	7	65
Shale, rock and clay	15	80
Clay and shale	15	95
Hard clay and shale	5	100
Sand rock	10	110
Sand	15	125
Clay	5	130
Sand	55	185
Sand and gravel	40	225
Clay	5	230
Sand and gravel	20	250

Well 198 ✓

Mrs. J. F. Bickley, 2 miles north of Lockney.

Top soil	3	3
Caliche and red clay	27	30
Dry sand	10	40
Rock and sand	10	50
Sand	8	58
Streaks of scft sand	22	80
Clay	40	120
Fine-grained sand and gravel	12	132
Rock, shell and sand	6	138
Fine-grained scft sand	32	170
Clay and rock	5	175
Coarse-grained sand and gravel	20	195
Tough clay	15	210
Rock and gravel	14	224
Red beds	4	228

Well 216, partial log

Billy Stamford, 12 miles northeast of Lockney.

No record	188	188
Sand	12	200
Clay, sand and gravel	20	220

(Continued on next page)

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 216, partial log--Continued</u>		
Tight sand	14	234
Sand	16	250
"River" sand	10	260
Sand	12	272
Sand and gravel	13	285
Sand	10	295
Clay	5	300
Not given	72	372
Tight hard sharp sand (Still in sand at 400 feet)	28	400
No record	10	410

Well 311

F. C. Irwin, 9½ miles northeast of Floydada.

Top soil	3	3
Brown clay	17	20
Caliche and packsand	22	42
Brown clay	50	92
Red packsand	53	145
Gray sand and gravel	16	161
Hard sand and gravel	2	163
Brown clay	2	165
Hard sand and clay	22	187
Brown clay	51	238
Hard red shale	49	287
Limestone and clay	37	324
Red and blue clay and shale	16	340
Red and blue clay and sandstone	30	370

Well 312

F. C. Irwin, 9 miles northeast of Floydada.

Top soil	3	3
Brown clay	27	30
Caliche	24	54
Brown clay	23	77
Brown clay and sand	22	99
Red packsand	20	119
Gray sand and gravel	41	160
Hard sand and gravel	7	167
Brown clay	18	185
Hard brown clay with gravel	43	228
Brown sandstone shells	21	249
Hard gray sandstone	18	267
Red shale and shells	74	341
Gray sandstone	4	345

	Thickness (feet)	Depth (feet)
<u>Well 312--Continued</u>		
Blue clay and sandstone	22	367
Limestone rock	7	374
Hard red clay and shells	56	430

Well 325

W. C. Simms, 2 miles east of Floydada.

Top soil	4	4
Sandy clay	16	20
Shale	17	37
Caliche	7	44
Rock	3	47
Caliche	9	56
Rock	2	58
Shale	40	98
Hard caliche	30	128
Water sand and caliche	14	142
Shale	40	182
Water sand and caliche	28	210
Caliche	22	232
Shale	56	288
Gravel, water	22	310
Rock	1	311
Red shale	9	320

Well 400

J. C. Thomas and Sons, 6½ miles west of Lockney.

Top soil	4	4
Caliche	8	12
Clay	8	20
Dry sand	18	38
Rock	12	50
Clay	22	72
Sand	16	88
Clay	12	100
Sand	55	155
Sand, gravel	18	173

Well 402

J. C. Thomas and Sons, 6 miles west of Lockney.

Top soil	52	52
Water sand	79	131
Red shale	7	138
Water sand	50	188
Red beds	4	192

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 408</u>		
W. E. Taack, 5½ miles west of Lockney.		
Hard-packed top soil	7	7
Hard-packed sand	8	15
Soft-packed red sand	20	35
Caliche	20	55
Water sand	15	70
Sticky red sand and clay	10	80
Packsand	17	97
Water sand	8	105
Hard-packed sand	5	110
Soft-packed sand	50	160
Hard-packed sand	15	175
Water sand and gravel	11	186
Clay	2	188

Well 448, partial log

Buck Sams, 1½ miles south of Lockney.

Top soil	2	2
Chalky materials	12	14
White rock	41	55
Water sand and red clay	15	70
Red clay	4	74
Water sand and gravel	1	75
Red clay	4	79
Water sand	33	112
Red quicksand	5	117
Packsand	2	119
Coarse-grained water sand	5	124
Packsand	6	130
Water sand and gravel	6	136
Sand	9	145
Red quicksand	10	155
White water sand and gravel	10	165
Red clay	1	166
Water sand and gravel	14	180
Red clay	4	184
Water sand and gravel	9	193
Red clay	2	195
Packsand and clay	17	212
Water in gravel	3	215
Red sand	12	227
Yellow water sand and gravel	11	238
Sand	7	245
Coarse-grained water sand and gravel	15	260
TOTAL DEPTH		289

	Thickness (feet)	Depth (feet)
<u>Well 450</u>		
Henry Ford, 1½ miles southwest of Lockney.		
Top soil	20	20
Dry sand	15	35
Rock	15	50
Clay	7	57
Sand	8	65
Clay	30	95
Sand rock	15	110
Sand and shale	15	125
Sand	30	155
Clay and rock	15	170
Hard clay	30	200
Sand	15	215
Soft clay	15	230
Good sand	45	275

Well 489

G. T. Meriweather, 4½ miles northwest of Lockney.

Top soil	5	5
Caliche	20	25
Dry sand	15	40
Rock, boulders	15	55
Red shale	10	65
Hard shale	20	85
Clay	5	90
Sand and shale	35	125
Coarse-grained sand and gravel	50	175
Clay	5	180
Coarse-grained sand and gravel	125	305

Well 494

Dr. H. M. Thompson, 2½ miles west of Lockney.

Surface	4	4
Clay and caliche	33	37
Caliche rock	23	60
Water sand	12	72
Red clay	68	140
Water sand	30	170
Gravel	20	190
Sand rock	3	193
Clay	27	220

(Continued on next page)

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 494--Continued</u>		
Caliche	15	235
Sand and gravel	27	262
Clay	9	271
Sand and gravel	84	355
Sand rock	1	356

<u>Well 495</u>		
W. J. Griffith, 1 $\frac{1}{2}$ miles northwest of Lockney.		
Top soil	6	6
Caliche	6	12
Clay	6	18
Dry sand	10	28
Shale	10	38
Rock	7	45
Shale	17	62
Clay	6	68
Shale	16	84
Sand	10	94
Shale	10	104
Hard sand	22	126
Soft sand	40	166
Clay	2	168
Clay	8	176
Sand	29	205
Clay	10	215
Sand	23	238
Clay	2	240

<u>Well 502</u>		
Frank Probasco, 12 miles west of Floydada.		
Surface soil	4	4
Caliche	22	26
Caliche rock	14	40
Packsand	7	47
Shale	18	65
Broken sand and shale	13	78
Shale	62	140
Water sand	48	188
Red shale	4	192

<u>Well 503</u>		
Mrs. C. H. Keffer, 12 miles west of Floydada.		
Top soil	4	4
Broken clay and caliche	16	20
Caliche	20	40

	Thickness (feet)	Depth (feet)
<u>Well 503--Continued</u>		
Red sand	28	68
Red shale	10	78
Broken sand and shale	62	140
Water sand	48	188
Red shale	7	195
Sand	20	215
Red shale	10	225
Water sand	15	240
Packsand	15	255
Water sand	34	289
Sticky clay	9	298
Water sand	12	310
Hard-packed sand	10	320
Red shale	34	354

<u>Well 504</u>		
Mrs. C. H. Keffer, 12 miles west of Floydada.		
Surface	4	4
Light sandy shale	17	21
Caliche rock, hard	17	38
Red sandy shale	20	58
Water sand	7	65
Red sandy shale	31	96
Light sandy shale	12	108
Red shale	13	121
Caving sand	97	218
Sandy shale	17	235
Hard crystallized sand, white and clear	34	269
Yellow sticky shale	45	314
Lime, hard	1	315
Gravel or river bed sand	41	356
Red sandy shale	2	358

<u>Well 505</u>		
J. W. Stringer Estate, 12 miles west of Floydada.		
Top soil	5	5
Red clay	10	15
White caliche	20	35
Red sand and clay	16	51
Soft red sand	39	90
Hard white clay	5	95
Red sandy clay	13	108
Red soft sand	27	135
Red sticky clay	11	146
Brcwn sand	32	178
Hard sticky clay	14	192
(Continued on next page)		

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 505--Continued</u>		
White sticky clay	31	223
Hard gray sand	12	235
White sticky clay	27	262
Hard gray sand	33	295
White sticky clay	3	298

Well 506

J. W. Stringer Estate, 12 $\frac{1}{2}$ miles west of Floydada.

Top soil	4	4
Pale clay	6	10
Red clay	18	28
Soft rock	6	34
Hard white rock	8	42
Hcney-comb clay and sand	16	58
Red sandy clay	20	78
Red sand	7	85
Red clay, sticky	15	100
Light clay, sticky	15	115
Red sandy clay and gravel	7	122
Gray sand and white gravel	10	132
Pale red sandy clay	8	140
Red sand, soft	5	145
Pale red clay	10	155
Rubber sand and clay	6	161
Hard sand	24	185
Soft white clay	5	190
White sandy clay	40	230
Light clay, with gravel	12	242
Gray hard sand	6	248
White sand and gravel	30	278
Heavy yellow soil and gravel	14	292
Yellow sand	7	299

Well 507

J. W. Stringer Estate, 12 miles west of Floydada.

Top soil	4	4
Red clay	6	10
White chalky rock	25	35
Red clay	16	51
Red sand, some clay	9	60
Sandy red clay	15	75
Hard red clay	15	90
Sandy red clay	30	120
Soft hard red clay	16	136
Sticky red clay	18	154
Hard sand, water	20	174

	Thickness (feet)	Depth (feet)
<u>Well 507--Continued</u>		
Heavy sand, some gravel	21	195
White clay and gravel	75	270
Hard water sand	20	290
Sand and gravel	17	307

Well 513 ✓

Marvin Shurbet, 9 $\frac{1}{2}$ miles west of Floydada.

Top soil	4	4
Caliche	40	44
Red sand and clay	6	50
Red sand	44	94
Sandy white clay	6	100
Red sand and clay	25	125
Brown sand	25	150
Brown clay	10	160
Hard-packed brown sand	35	195
White clay and gravel	32	227
Hard-packed gray sand	21	248
Sticky white clay	3	251
Soft-packed gray sand	4	255
Hard-packed gray sand	10	265
Soft-packed gray sand	13	278
Hard-packed gray sand	5	283
Soft-packed gray sand	15	298
Hard-packed gray sand	7	305
Hard-packed sand and gravel	8	313
Sticky white clay	2	315
Hard-packed gray sand	23	338
Sticky red clay	2	340
Soft-packed gray sand	5	345
Hard-packed sand and clay	5	350

Well 526

O. W. Fry, 6 $\frac{1}{2}$ miles northwest of Floydada.

Surface material	26	26
Cap rock	25	51
Sand	5	56
Red clay	185	241
Sand and clay	65	306
Clay	23	329

Well 532

City of Floydada, in Floydada.

Top soil, caliche and red clay	27	27
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Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 532--Continued</u>		
Clay and rock	14	41
Red clay and sand rock	69	110
Water sand	4	114
Clay and sand rock	6	120
Water sand	5	125
Soft-packed red clay	11	136
Sand rock	8	144
Clay and sand	6	150
Clay and sand rock	4	154
Water sand	6	160

Well 536

H. R. Patterson, 4 miles west of Floydada.

Top soil	3	3
Caliche	26	29
Hard caliche rock	11	40
Caliche	20	60
Water sand	12	72
Sand and shale	36	108
Rock	1	109
Red shale	96	205
Water sand	7	212
Shale	52	264
Water sand	60	324
Red shale	1	325

Well 538

V. W. Hennessee, 10 miles west of Floydada.

Soil	3	3
White rock	12	15
Red clay	7	22
Brown rock	10	32
Clay	3	35
White rock	8	43
Hard rock	12	55
Red clay	30	85
Clay and water	20	105
Very fine-grained sand	10	115
Clay	15	130
Sand	15	145
Clay	8	153
Sand	12	165
Clay	13	178
Sand and gravel	26	204
Clay	6	210
Sand	11	221
Packsand	17	238

	Thickness (feet)	Depth (feet)
<u>Well 538--Continued</u>		
Clay and white rock	40	278
Sand	6	284
Clay	4	288
Yellow sand	17	305

Well 546 ✓

L. A. Williams, 13 miles west of Floydada.

Top soil	3	3
White sand	20	23
Clay	10	33
Clay and rock	14	47
Hard rock	6	53
Clay	13	66
Clay and water	30	96
Clay	8	104
Sand	10	114
Clay	2	116
Sand	9	125
Caving clay	8	133
Sand and clay	30	163
Hard-packed clay	4	167
Sand and clay	28	195
Clay and boulders	9	204
Sand	19	223
Gravel	16	239
Clay	2	241
Not given	126	367

Well 548 ✓

G. W. DeCordova, 12½ miles southwest of Floydada.

Surface material	3	3
Sand and boulders	15	18
Caliche	36	54
Rock	3	57
Caliche	21	78
Broken sand	17	95
Shale	83	178
Hard sand	12	190
Sandy shale	48	238
Broken sand and caliche	36	274
Shale	24	298
Sand and gravel, hard	20	318
Shale	8	326
Water sand	30	356
Sand and muck	4	360
Water sand and gravel	20	380
Clay	2	382

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 564</u>		
W.C.Walker, 8 miles south of Floydada.		
Surface materials	7	7
Caliche	31	38
Rock	8	46
Shale	1	47
Rock	1	48
Sand	7	55
Red beds	10	65
Caliche	21	86
Sand and red beds	9	95
Red beds	70	165
Sand	15	180
Red beds	8	188
Sand and red beds	22	210
Shale	22	232
Red beds	19	251
Sand and red beds	25	276
Red beds	4	280
Sand	18	298
Sand and mud	42	340
Sand	47	387

	Thickness (feet)	Depth (feet)
<u>Well 569</u>		
D. F. Payne, 9 miles southwest of Floydada.		
Top soil	4	4
Caliche	14	18
Red clay	22	40
Sandy clay	25	65
Yellow sandy clay	15	80
Red sand	42	122
Yellow clay	38	160
Sandy clay	20	180
Hard sand	5	185
Yellow clay	15	200
Water sand	20	220
Red clay	23	243
Sandy clay	72	315
Sand	5	320
Sandy clay	30	350

	Thickness (feet)	Depth (feet)
<u>Well 570</u>		
R. W. Kelly, 9½ miles southwest of Floydada.		
Top soil	3	3
Brown clay	32	35
Caliche	12	47
Hard white lime	11	58
Hard brown clay	37	95
Honey-comb sand	37	132

	Thickness (feet)	Depth (feet)
<u>Well 570--Continued</u>		
Red sand with clay streaks	111	243
Brown clay	27	270
Shelly sand	97	367
Red clay	1	368

	Thickness (feet)	Depth (feet)
<u>Well 574</u>		
Robert E. Smith, 10½ miles southwest of Floydada.		
Top soil	6	6
Caliche	9	15
Clay	10	25
Dry sand	23	48
Rock	10	58
Clay and shale	26	84
Sand	22	106
Rock	2	108
Sandy clay	10	118
Coarse-grained sand	51	169
Sand and gravel	51	220
Clay	15	235
Sand	10	245
Sand	100	345
Clay	5	350

	Thickness (feet)	Depth (feet)
<u>Well 578</u>		
J. J. Smith, Jr., 10 miles southwest of Floydada.		
Top soil	3	3
Red clay	11	14
Caliche	35	49
Hard red rock	7	56
Hard red clay	24	80
Red sand	30	110
Red clay and gravel	17	127
Sandy clay	8	135
Hard brown clay	9	144
Red sand	11	155
Hard brown clay	21	176
Brown sand	9	185
Brown clay	22	207
Brown sand	19	226
Red clay	4	230
Brown sand	33	263
White clay	33	296
Brown clay	22	318
Gray water sand and gravel	28	346

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 579</u>		
H. E. Graham, 10 miles southwest of Floydada.		
Old well, no record	71	71
Dry sand	9	80
Dry sand and clay	15	95
Sand	23	118
Soft clay	7	125
Clay and shale	30	155
Sand	10	165
Hard clay	25	190
Fine-grained sand	25	215
Clay	45	260
Gray sand	10	270
Hard clay	20	290
Sand and gravel	54	344

	Thickness (feet)	Depth (feet)
<u>Well 580</u>		
T. E. Davis, 11 miles southwest of Floydada.		
Top soil	3	3
Brown sandy clay	50	53
Hard lime rock	13	66
Hard brown clay	48	114
Red sand and clay	28	142
Brown clay, sand streaks	106	248
White clay and gravel	22	270
Shelly sand	10	280
White sticky clay	20	300
Shelly sand	37	337
White clay	3	340
Gray sand and gravel	27	367
White sticky clay	36	403

	Thickness (feet)	Depth (feet)
<u>Well 584, partial log</u>		
S. H. Boon, 10 miles west of Floydada.		
Surface materials	5	5
Shale	40	45
Water sand	25	70
Red shale	55	125
Loose-packed water sand	175	300
Hard red sand rock	10	310
Sand	60	370
Soft-packed yellow sand	45	415
Sand	15	430
Red rock	10	440
Red shale	10	450
Red rock	50	500
Water sand	35	535

	Thickness (feet)	Depth (feet)
<u>Well 584--Continued</u>		
Red shale	25	560
Red rock	40	600
Blue shale	45	645
Red rock	10	655
Gray shale	10	665
Loose-packed red rock	15	680
Red mud	50	730
Sandy blue and white shale	25	755
Water sand	15	770
Red rock	15	785
Red mud	5	790
Red rock	10	800
Yellow mud	25	825
Red rock	105	930
Red mud	130	1060
Anhydrite	35	1095
Red mud	35	1130
Salt	220	1350
Red rock	30	1380
Salt	20	1400
Red mud	30	1430
Salt and red mud	30	1460
Anhydrite	10	1470
Salt	30	1500
Red rock	20	1520
Salt	25	1545
Red rock and salt	30	1575
Salt	20	1595
Salt and anhydrite	60	1655
Salt	315	1970
Red mud and salt	20	1990
Red rock and salt	55	2045
Red mud	35	2080
White sand (some gas)	10	2090
Red sand	45	2135
Sandy red rock	50	2185
Red sand	20	2205
Red rock	10	2215
Red sand	30	2245
Red rock and shells	95	2340
Red rock	20	2360
Hard white lime	20	2380
Red rock	5	2385
Red rock and anhydrite	15	2400
TOTAL DEPTH		4015

	Thickness (feet)	Depth (feet)
<u>Well 585</u>		
Henry A. Bollman, 9½ miles west of Floydada.		
Red clay	18	18
Caliche	16	34

(Continued on next page)

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 585--Continued</u>		
Red sandy clay	36	70
Red sandy clay and clay balls	15	85
Light sandy clay	15	100
Red sand and clay	15	115
White sticky clay	44	159
Soft red sand	28	187
White sticky clay	52	239
Hard yellow sand	11	250
Sticky yellow clay	15	265
Sticky white clay	20	285
Yellow clay, caving	7	292
Yellow water sand	7	299
Sticky white clay	1	300
White sand and gravel	12	312

<u>Well 612</u>		
Lovell L. Jones, 4 $\frac{1}{2}$ miles south of Floydada.		
Surface soil	3	3
Caliche	13	16
Rock	2	18
Caliche	13	31
Rock	12	43
Shale	88	131
Sand	39	170
Shale	50	220
Water sand	10	230

<u>Well 621</u>		
S. A. L. Morgan, 11 miles north of Lockney.		
Top soil	8	8
Caliche	6	14
Clay	26	30
Shale	35	65
Clay	15	80
Fine-grained sand	15	95
Clay	17	112
Sand	26	138
Clay	8	146
Sand	28	174
Soft shale	6	180
Sand	18	198
Clay	6	204

	Thickness (feet)	Depth (feet)
<u>Well 623</u>		
Lloyd A. Wofford, 9 $\frac{1}{2}$ miles north of Lockney.		
Top soil	3	3
Soft caliche	23	26
Alkali rock	14	40
Clay and rock	20	60
Joint clay	10	70
Packsand	30	100
Sand and rock streaks	75	175
Hard rock shell	5	180
Coarse-grained sand	20	200

<u>Well 633</u>		
Joe S. Reeves, 7 miles northeast of Lockney.		
Top soil	3	3
Red clay and shells	33	36
Brown rock	5	41
Gray rock	10	51
Red clay and shells	29	80
Sand and clay	10	90
Sand	12	102
Red sand and clay	58	160
Red sand	35	195
Shelly sand, hard	61	256
Sand and gravel	26	282

<u>Well 636</u>		
W. R. Kendall, 2 miles northeast of Lockney.		
Soil	6	6
Yellow clay	26	32
Caliche	50	82
Water sand	8	90
Packsand	80	170
Water sand and gravel	25	195
Red clay	5	200

<u>Well 637</u>		
J. H. Abel, 2 miles northeast of Lockney.		
Top soil	5	5
Caliche	15	20

(Continued on next page)

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 637--Continued</u>		
Clay and shale	35	55
Sand and shale	10	65
White sand	15	80
Sandy clay	40	120
Sand and shale	10	130
Sand and gravel	25	155
Sand and clay	10	165
Sand and shale	30	195
Clay and sand	35	230
Yellow clay and boulders	9	239

	Thickness (feet)	Depth (feet)
<u>Well 638</u>		
Thomas Bros., $2\frac{3}{4}$ miles northeast of Lockney.		
Top soil	3	3
Clay	25	28
Sand and gravel, red and chalky rock	8	36
Clay and gravel	14	50
Soft rock	24	74
Clay and gravel	7	81
Water sand	3	84
Packsand	30	114
Brown water sand	11	125
Packsand	9	134
Water sand	12	146
Red clay	2	148
Coarse-grained water sand	12	160
Clay and chalk rock	33	193
Red beds	4	197

	Thickness (feet)	Depth (feet)
<u>Well 639</u>		
J. D. Burkham, $4\frac{1}{4}$ miles northeast of Lockney.		
No record	50	50
Shale and rock	20	70
Fine-grained sand	14	84
Clay	12	96
Sand	49	145
Clay	20	165
Sand	15	180
Clay	15	195
Coarse-grained sand and gravel	20	215
Clay - Red beds	7	222

	Thickness (feet)	Depth (feet)
<u>Well 643</u>		
W. D. Lacewell, 6 miles southwest of Lockney.		
Top soil	5	5
Caliche	20	25
Clay and boulders	15	40
Clay and shale	15	55
Sand and shale	10	65
Clay	25	90
Caving sand	45	135
Sand and gravel	15	150
Sand and clay	25	175
Sand and gravel (river type)	25	200
Red beds	8	208

	Thickness (feet)	Depth (feet)
<u>Well 644</u>		
W. R. Childress, 6 miles southwest of Lockney.		
Top soil	5	5
Clay	27	32
Hard shale rock	3	35
Sand	25	60
Hard clay	5	65
Joint clay	15	80
Hard clay	20	100
Sand	10	110
Clay	15	125
Good sand	30	155
Coarse-grained sand	30	185
Sand and gravel	23	208
Clay	7	215

	Thickness (feet)	Depth (feet)
<u>Well 646</u>		
Dean and Ola Bradburn, $5\frac{1}{2}$ miles west of Lockney.		
Top soil	3	3
Caliche	22	25
White rock	17	42
Hard rock (had to dynamite)	7	49
Clay	19	68
Sand	17	85
Clay	15	100
Fine-grained sand and rock	25	125

(Continued on next page)

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 646--continued</u>		
Coarse-grained sand	40	165
Clay and rocks	21	186
Sand	19	205
Boulders	13	218
Gravel	10	228

Well 647

W. E. Taack, 4½ miles southwest of Lockney.

Caliche	30	30
Lime rock	10	40
Red clay	30	70
Water sand	20	90
Red clay	15	105
Water sand	60	165
Red clay	5	170

Well 648

John and Oliver Holmes, 5 miles southwest of Lockney.

Top soil	5	5
Caliche	20	25
Rock	15	40
Sand and clay	5	45
Clay	30	75
Clay and boulders	10	85
Coarse-grained sand	15	100
Sand and clay	10	110
Sand and shale	20	130
Clay	3	133
Sand	22	155
Shale and sand	15	170
Sand	35	205
Sand and gravel	20	225

Well 649

Mrs. Vera Holt, 5½ miles southwest of Lockney.

Top soil	6	6
Caliche	14	20
Clay	16	36
Clay and caliche	4	40
Rock	20	60
Fine-grained sand	8	68
Hard shale	8	76
Blue clay	8	84
White sand	8	92

	Thickness (feet)	Depth (feet)
<u>Well 649--continued</u>		
Shale	18	110
Fine-grained white sand	24	134
Shale	16	150
Fine-grained sand	15	165
Boulders and sand	32	197
Shale	12	209
Good sand	31	240

Well 651

Frank Probasco, 6½ miles southwest of Lockney.

Soil	4	4
Yellow clay	12	16
Caliche	39	55
Water sand	10	65
Brown sandy shale	7	72
White packsand	63	135
Water sand	6	141
White sticky sand	102	243
Water sand and gravel	25	268
Yellow clay	6	274
Water sand and gravel	12	286
Yellow and red clay	9	295

Well 655

Floyd Huff, 1¼ miles southwest of Lockney.

Top soil	3	3
Brown sandy clay	29	32
Caliche	23	55
Brown sandy clay	55	110
Red sand	8	118
Red clay	16	134
Red sand	6	140
Red clay	9	149
Soft red sand	69	218
White clay	32	250
Gray sand	7	257
Soft white clay	6	263
Shelly gray sand	19	282
Gray sand and gravel	21	303

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 657</u>		
C. O. Roberts, $1\frac{3}{4}$ miles southwest of Lockney.		
Top soil	3	3
Caliche	21	24
Rocks	29	53
Clay	17	70
Water sand	15	85
Joint clay	5	90
Fine-grained sand and gravel	19	109
Rock and shale	27	136
Sand	24	160
Rock	4	164
Sand	2	166
Clay	9	175
Water sand, very coarse-grained in bottom	107	282

	Thickness (feet)	Depth (feet)
<u>Well 659</u>		
Woodson Terrell, $1\frac{1}{2}$ miles south of Lockney.		
Top soil	5	5
Caliche	15	20
Rock and boulders	35	55
Clay and shale	10	65
Clay and sand	20	85
Sand and shale	20	105
Clay	10	115
Rock and boulders	10	125
Clay and some sand	30	155
Sand	15	170
Clay and sand	10	180
Clay	15	195
Sand	5	200
Clay	5	205
Sand	15	220
Clay	5	225
Sand and gravel	25	250
Sand	15	265
Clay	5	270
River type sand and gravel	25	295
Red clay	5	300

	Thickness (feet)	Depth (feet)
<u>Well 660</u>		
Woodson Terrell, $1\frac{3}{4}$ miles south of Lockney.		
Top soil	5	5
Clay	23	28
Hard caliche rock	32	60
Sand	10	70
Clay and shale	60	130
Fine-grained sand	10	140
Hard clay	8	148
Sand	15	163
Clay and shale	13	175
Good sand	10	185
Sand	60	245
Coarse-grained gray sand	15	260
Sand	25	285
Coarse-grained sand and gravel	15	300

	Thickness (feet)	Depth (feet)
<u>Well 662</u>		
R. J. Bennett, 2 miles south of Lockney.		
Soil	3	3
Caliche	5	8
Sandy clay	10	18
White rock	10	28
Sand	5	33
Hard rock	17	50
Red clay	3	53
Water sand	13	66
Sand rock	4	70
Sandy clay	50	120
Water sand	15	135
Sand rock	5	140
Water sand	60	200
Water gravel	12	212
Rock	13	225
Sand and rock	75	300
Rock	45	345

	Thickness (feet)	Depth (feet)
<u>Well 663</u>		
Raymond Rucker, $4\frac{1}{2}$ miles southwest of Lockney.		

(Continued on next page)

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 663--Continued</u>		
Surface	18	18
Hard (possibly clay)	33	51
Sand	6	57
Hard (possibly clay)	12	69
Sand	10	79
Hard (possibly clay)	16	95
Sand	15	110
Shale	25	135
Sand	45	180
Rock	4	184
Shale	46	230
Sand	50	280

<u>Well 664</u>		
W. L. Hayton, 4 $\frac{1}{4}$ miles south of Lockney.		
No record	95	95
Clay and rocks	20	115
Joint clay	15	130
Fine-grained sand	25	155
Clay	20	175
Fine-grained sand with streaks of clay and rocks	45	220
Boulders	6	226
Brown clay	29	255
Sand and gravel	32	287
Coarse-grained sand	15	302

<u>Well 667</u>		
Ed. Muncy, 3 $\frac{1}{2}$ miles southeast of Lockney.		
No record	20	20
Hard shale and clay	10	30
Hard shale, rock	5	35
Fine-grained sand	8	43
Clay	7	50
Shale, rock and clay	15	65
Soft clay	15	80
Clay	15	95
Joint clay	15	110
Rock and clay	15	125
Clay	10	135
Sand	15	150
Clay	20	170
Shale and clay	10	180
Sand	5	185
Clay	15	200
Sand	10	210
Rocky clay	5	215
Clay	45	260
Shale, rock and gravel	15	275

	Thickness (feet)	Depth (feet)
<u>Well 667--Continued</u>		
Shale rock	15	290
Red beds	15	305

<u>Well 672</u>		
J. W. Stringer Estate, 13 miles west of Floydada.		
Top soil	4	4
Red clay	11	15
Caliche	20	35
Sandy pink clay	24	59
Red sand	4	63
Sticky red clay	7	70
Red sand	5	75
Sandy red clay	12	87
Soft red sand	9	96
Hard pink sand	9	105
Pink clay	5	110
Sandy brown gravel	8	118
Brown sand	26	144
Soft brown clay	8	152
Hard brown clay	8	160
Sticky brown clay	24	184
Hard brown sand	11	195
Brown sand and clay	13	208
White clay and gravel	26	234
Hard gray sand	7	241
White clay and gravel	23	264
Hard gray sand	4	268
White sticky clay	1	269
Hard gray sand	38	307

<u>Well 676</u>		
R. C. Fisher, 11 miles northwest of Floydada.		
Top soil	3	3
Caliche	15	18
Hard white rock	1	19
Soft white rock, water	23	42
Red sand	4	46
Sandy clay	24	70
Packsand, water	2	72
Yellow clay and sand	10	82
Yellow clay, fine-grained sand, sticky	13	95
Gray clay and sand, sticky	24	119
Yellow sandy clay	21	140
Yellow sand	8	148
(Continued on next page)		

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 676--Continued</u>		
Yellow clay and sand	21	169
Gray clay, sand and white gravel	54	223
White sand, clay and gravel	42	265
Sticky gray clay	3	268
Fine-grained white sand and gray clay	12	280
Yellow clay	11	291
Yellow sand, clay and gravel	19	310
Sand and gravel	3	313
Light red clay	27	340
Brown sandy clay	16	356
Large gravel	1	357
Brown clay	3	360

Well 677

W. M. Goode, 10 miles northwest of Floydada.

Top soil	3	3
Caliche	19	22
Cap rock	16	38
Caliche	10	48
Sand and clay	38	86
Red clay	30	116
Brown sand and gravel	26	132
Brown clay	8	140
Brown sand	21	161
Brown honey-comb clay	77	238
White clay and gravel	13	251
Gray sand and gravel	66	317

Well 683

Ed. Holmes, 8½ miles west of Floydada.

Top soil	6	6
Caliche	6	12
Shale, hard	38	50
Clay	35	85
Shale	35	120
Sand	20	140
Clay	85	225
Coarse-grained sand	23	248
Sand and gravel	22	270
Sand	40	310
Clay	5	315

	Thickness (feet)	Depth (feet)
<u>Well 684</u>		
Ed. Holmes, 9 miles west of Floydada.		
Top soil	5	5
Caliche	15	20
Rock and boulders	15	35
Clay and shale	30	65
Sand, shale	10	75
Sand, clay and shale	20	95
Sand	5	100
Clay	20	120
Sand and shale	60	180
Sand and gravel	40	220
Sand, shale	20	240
Sand and gravel	28	268
Sand, shale	7	275
Yellow clay	15	290
Sand and gravel	40	330

Well 687

A. V. Womack, 7½ miles west of Floydada.

Caliche	20	20
Boulders	15	35
Red shale	30	65
Sandy clay	10	75
Sand and shale	25	100
Clay and shale	30	130
Sand and shale	10	140
Sandy clay	20	160
Red clay	15	175
Sandy clay	25	200
Sandy shale	40	240
Sand and gravel	50	290
Clay	10	300
Sand and gravel	22	322

Well 688

W. E. Miller, 7 miles northwest of Floydada.

Top soil	5	5
Caliche	10	15
Rock	25	40
Shale and clay	10	50
Rock	5	55
Clay and shale	10	65
Sand	10	75
Clay	55	130

(Continued on next page)

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 688--Continued</u>		
Sand and clay	10	140
Sand	20	160
Sand and clay	20	180
Sand	15	195
Clay and sand	15	210
Sand and gravel	30	240

Well 690

W. L. Hayton, 7 miles northwest of Lockney.

No record	100	100
Clay and rocks	15	115
Sand	20	135
Clay	10	145
Sand with streaks of clay	55	200
Fine-grained sand	35	235
Clay and gravel	20	255
Sand and gravel	15	270
Coarse-grained sand	30	300

Well 691

Clark Harris, 7 miles northwest of Floydada.

Top soil	3	3
Soft caliche	7	10
Hard caliche	18	28
Rock	17	45
Joint clay	35	80
Sand	15	95
Joint clay	10	105
Sand	7	112
Clay and rock	15	137
Clay and shale	13	150
Sand	15	165
Clay	30	195
Good water sand	30	225
Loose boulders and sand	15	240
Clay	25	265
Sand	20	285

Well 692

Collins Walker, 6½ miles northwest of Floydada.

Top soil	3	3
Caliche	12	15
White rock	45	60
White rock and sand	60	120

	Thickness (feet)	Depth (feet)
<u>Well 692--Continued</u>		
Red sand and clay	34	154
Porous sand and gravel	36	190
White clay	24	214
Hard sand and gravel	22	236
White sticky clay	5	241
Gray sand and gravel	14	255
Hard brown clay	16	271
Gray sand and gravel	32	303
Red beds	3	306

Well 693

Collins Walker, 6 miles northwest of Floydada.

No record	65	65
Sand	5	70
Shale	20	90
Clay	25	115
Sand, soft	40	155
Joint clay	25	180
Fine-grained sand	7	187
Boulders	13	200
Shale and clay	40	240
Red beds	5	245

Well 694

F. C. Irwin, 5½ miles northwest of Floydada.

Soil	2	2
Red dirt	6	8
White dirt	9	17
Rock	27	44
Clay	18	62
Clay and sand	43	105
Red clay	35	140
Sand	4	144
Red and white clay	20	164
Red and blue clay	30	194
Sand	4	198
Red and blue clay	24	222
Sand	5	227
Blue clay	13	240
Sand	4	244
Red and blue clay	28	272
Sand	8	280
Red clay and red beds	33	313

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 696</u>		
F. C. Irwin, 5½ miles northwest of Floydada.		
No record	17	17
Caliche	10	27
White rock	9	36
Brown sand	3	39
White rock	4	43
Brown sand	5	48
White rock	3	51
Sand and gravel	28	79
Soft sand	61	140
Rock	2	142
Red clay	36	178
Blue sand and clay	20	198
Rock	2	200
Red clay	20	220
Blue and yellow sand	20	240
Blue and red clay	32	272
Sand rock	4	276
Yellow and blue clay	84	360
Sand and streaks of clay	40	400
Yellow and blue sand	20	420

	Thickness (feet)	Depth (feet)
<u>Well 699</u>		
Maurice W. Campbell, 5 miles northwest of Floydada.		
Top soil	3	3
Brown clay	17	20
Caliche	10	30
White rock	21	51
Brown clay	17	68
Brown sand and clay	48	116
Brown sand	52	168
Hard packsand	10	178
White and yellow clay	12	190
Lime shells and clay	8	198
Red beds	60	258

	Thickness (feet)	Depth (feet)
<u>Well 700</u>		
H. R. Patterson, 4 miles northwest of Floydada.		
Top soil	3	3
Brown clay	15	18
Caliche	16	34
White lime rock	18	52
Brown clay	13	65
Red packsand	22	87
Brown sandy clay	36	123

	Thickness (feet)	Depth (feet)
<u>Well 700--Continued</u>		
Red sand and clay streaks	58	181
White clay and gravel	59	240
Brown clay	30	270
Shelly sand and gravel	5	275
Brown clay	25	300
Shelly sand hard with white (?)	37	337
Red beds	10	347

	Thickness (feet)	Depth (feet)
<u>Well 703</u>		
J. V. Daniel, 5 miles west of Floydada.		
Top soil	5	5
Caliche	20	25
Clay and boulders	15	40
Rock	5	45
Dry sand	15	60
Sand and boulders	5	65
Water sand	10	75
Sand and shale	10	85
Water sand	25	110
Shale and boulders	10	120
Clay and shale	40	160
Sand	15	175
Sandy clay	15	190
Sand and gravel	35	225
Yellow clay	5	230
Sand and gravel	25	255
Clay	5	260
Sand and gravel	64	324

	Thickness (feet)	Depth (feet)
<u>Well 705</u>		
R. B. Rosson, 4 miles southwest of Floydada.		
Top soil	6	6
Caliche	12	18
Sandy clay	10	28
Hard shale	21	49
Sand and shale	19	68
Clay and shale	27	95
Clay	19	114
Sand	22	136
Clay	16	152
Sand	16	168
Shale	21	189
Rock	8	197
Sand and clay	33	230
Coarse-grained sand and gravel	55	285
Coarse-grained sand	44	329
Clay	10	339

Table of drillers' logs, Floyd County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 709</u>		
Ernest Lee Thomas, 7½ miles southwest of Floydada.		
Top soil	3	3
Red clay	17	20
Caliche	12	32
Hard limestone	20	52
Hard red clay	64	116
Brown sand and clay	56	172
Brown sand and small gravel	64	236
Red clay and sand streaks	16	252
White clay and white gravel	44	296
Gray sand and gravel	32	328
Brown clay	8	336
Gray sand and gravel	18	354

	Thickness (feet)	Depth (feet)
<u>Well 710</u>		
W. C. Snodgrass, 7½ miles southwest of Floydada.		
Top soil	3	3
Caliche	33	36
Hard cap rock	23	59
Red clay	19	78
Red sandy clay	48	126
Brown sand and clay streaks	14	140
Brown sand, lime chips and clay	92	252
White clay and white gravel	18	270
Yellow clay and gravel	15	285
Yellow clay and sand streaks	15	300
Gray sand and gravel	58	358

	Thickness (feet)	Depth (feet)
<u>Well 711</u>		
J. B. Treadwell, 8 miles southwest of Floydada.		
Top soil	3	3
Caliche	20	23
Dry sand	6	29
Lime rock	19	48
Boulders	4	52
Red clay	22	74
Sand and clay	7	81
Water sand	5	86
Joint clay	12	98
White clay	36	134
Clay and sand	7	141

	Thickness (feet)	Depth (feet)
<u>Well 711--Continued</u>		
Water sand	11	152
Shale	13	165
Fine-grained sand	45	210
Clay and rocks	20	230
Shale	15	245
Coarse-grained sand	30	275
Stopped in rocks and clay		

	Thickness (feet)	Depth (feet)
<u>Well 720</u>		
James Z. Scott, 12 miles west of Floydada.		
Top soil	3	3
Brcwn clay	17	20
Caliche	15	35
Rock	15	50
Sandy clay	8	58
Red sand	12	70
Brown clay	10	80
Red sand	125	205
Sticky white clay	66	271
Shelly sand	31	302
Gray sand and gravel	38	340

	Thickness (feet)	Depth (feet)
<u>Well 725</u>		
E. W. Turner, 12 miles southwest of Floydada.		
Top soil	3	3
Pale red clay	17	20
Caliche	49	69
Sandy clay	29	98
Red sand and clay	7	105
Red clay	10	115
Red sandy clay	29	144
Red clay	52	196
Brown clay and white gravel	36	232
Brown sand and gravel	34	266
Brown clay and white gravel	48	314
Sand and gravel	49	363

Water levels, Floyd County, Texas

Water levels in observation wells in Floyd County, in feet below measuring point.

(Owner, distance and direction of well from Lockney or Floydada and height of measuring point above land surface.)

Well 5

M. C. Scheele; 11 miles northwest of Lockney; 1.0 foot above land surface.

Apr. 28, 1936	49.00
May 5	50.35
June 1, 1937	51.79
Aug. 10	53.28
Sept. 15	51.93
Oct. 1	51.73
Nov. 1	51.61
Jan. 4, 1938	51.61
Mar. 11	51.83
Apr. 13	51.73
May 26	52.23
Sept. 15	52.45
Oct. 18	52.26
Dec. 5	52.13
Jan. 3, 1939	52.05
Feb. 27	51.93
June 21	53.49
Aug. 14	54.08
Dec. 8	53.34
Mar. 6, 1940	53.14
Oct. 27	54.68
Nov. 15	54.48
Jan. 18, 1941	54.38
Mar. 11	54.28
Oct. 16	53.65
Mar. 9, 1942	53.05
Oct. 20	53.91
Feb. 2, 1943	53.60
Feb. 11, 1944	54.78
Feb. 12, 1945	55.53
Feb. 26, 1946	56.65

Well 14

Herman R. King; 10 miles north of Lockney; 5.5 feet above land surface.

May 4, 1936	58.94
May 13, 1937	59.66
July 24	59.83
Aug. 10	59.89
26	59.86
Sept. 14	59.28
Oct. 1	59.43
Nov. 1	59.72
Dec. 3	59.86
Jan. 4, 1938	60.11
Mar. 11	60.32
Apr. 13	60.58
May 26	60.70

Well 14--Continued

June 27, 1938	60.85
Aug. 12	61.02
Mar. 6, 1940	62.79
July 9	63.09
Nov. 15	63.80
Jan. 18, 1941	64.00
Mar. 11	64.12
Mar. 9, 1942	60.22
Oct. 20	60.96
Feb. 2, 1943	61.11
Feb. 15, 1944	63.80
Feb. 12, 1945	65.27
Feb. 26, 1946	66.60

Well 32

Frank Whitfill; 9 miles north of Lockney; 0.2 foot above land surface.

May 13, 1937	91.21
June 11	89.57
July 20	91.32
Aug. 10	91.66
Aug. 26	91.03
Sept. 14	90.12
Oct. 1	89.73
Jan. 4, 1938	89.40
June 27	90.30
Sept. 15	90.23
Jan. 3, 1939	89.42
Oct. 4,	92.56
Mar. 6, 1940	90.20
Nov. 15	91.51
Jan. 18, 1941	91.32
Mar. 11	91.02
Dec. 22	91.80
Mar. 9, 1942	90.43
Oct. 20	90.94
Feb. 2, 1943	90.15
Feb. 12, 1945	92.00
Feb. 26, 1946	92.70

Well 57

T. L. Wilhite; 7½ miles northwest of Lockney; 0.8 foot above land surface.

May 1, 1936	61.10
May 3, 1937	60.90
Aug. 26	61.28
Dec. 2	61.53
June 28, 1938	61.81
Aug. 12	62.20

(Continued on next page)

Water levels, Floyd County--Continued

Well 57--Continued

Dec. 8, 1939	62.63
Mar. 6, 1940	62.79
Nov. 15,	63.87
Oct. 16, 1941	63.50
July 24, 1942	62.43
Oct. 20	62.78
Feb. 2, 1943	63.00
Feb. 11, 1944	63.87
Feb. 12, 1945	65.00
Feb. 26, 1946	67.49

Well 106

T. L. and D. Co.; 7 miles northwest of Lockney; 1.4 feet above land surface.

Mar. 14, 1916	54.40
Apr. 17, 1934	55.85
Nov. 23, 1937	58.24
Dec. 2	58.17
Jan. 4, 1938	57.98
Mar. 10	60.55
May 26	59.64
June 23	59.50
Oct. 18	59.45
Dec. 7	58.90
Jan. 5, 1939	58.88
Feb. 27	58.52
Oct. 4	62.37
Dec. 8	64.62
Mar. 6, 1940	60.57
Nov. 16	63.58
Jan. 18, 1941	64.10
Mar. 11	62.82
Mar. 9, 1942	60.50
July 4	63.33
Oct. 23	61.88
Feb. 2, 1943	60.83
Feb. 1, 1944	62.30
Feb. 12, 1945	64.05
Feb. 26, 1946	64.72

Well 108

T. L. and D. Co.; 6½ miles northwest of Lockney; 0.5 foot above land surface.

Jan. 3, 1914	50.00
Mar. 29, 1938	58.34
May 26	58.17
June 23	58.03
Jan. 5, 1939	57.30
Oct. 4	61.90
Mar. 6, 1940	58.87
Jan. 18, 1941	63.00
Mar. 11	60.90

Well 108--Continued

Mar. 9, 1942	58.76
Oct. 26	60.18
Feb. 2, 1943	59.14
Feb. 11, 1944	60.62
Feb. 12, 1945	62.10
Feb. 26, 1946	63.96

Well 111

T. L. and D. Co.; 7 miles northwest of Lockney; 1.0 foot above land surface.

1914	47.00
1936	57.80
May 26, 1937	54.81
Aug. 25	56.54
Sept. 14	53.81
Sept. 24	54.22
Sept. 25	54.49
Sept. 28	56.52
Oct. 1	54.40
Nov. 1	53.01
Dec. 1	52.66
Jan. 4, 1938	52.46
Mar. 10	56.65
Mar. 29	53.92
May 26	54.02
June 23	54.08
Sept. 15	60.46
Oct. 18	53.83
Dec. 7	53.32
Jan. 5, 1939	53.29
Feb. 27	52.94
Oct. 4	57.65
Dec. 8	61.31
Mar. 6, 1940	54.88
Oct. 4	61.63
Oct. 8	61.01
Nov. 16	57.88
Jan. 18, 1941	59.03
Mar. 11	56.98
Dec. 20	55.70
Mar. 9, 1942	55.16
Oct. 21	56.44
Feb. 2, 1943	55.39
Feb. 1, 1944	56.59
Feb. 12, 1945	58.10
Feb. 26, 1946	60.28

Well 112

T. L. and D. Co.; 7 miles northwest of Lockney; 1.1 feet above land surface.

Feb. 2, 1914	49.60
Apr. 28, 1936	55.24

(Continued on next page)

Water levels, Floyd County--Continued

Well 112--Continued

Well 124--Continued

May 26, 1937	54.97
June 11	52.06
Sept. 14	53.78
Mar. 29, 1938	53.01
May 26	53.19
June 23	53.35
Oct. 18	53.07
Dec. 7, 1938	52.57
Feb. 27, 1939	52.18
Oct. 4	57.31
Dec. 8	60.68
Mar. 6, 1940	54.11
Oct. 4	61.07
Oct. 8	60.98
Nov. 16	57.18
Jan. 18, 1941	58.59
Mar. 11	56.32
Dec. 20	54.66
Mar. 9, 1942	54.13
Oct. 26	55.45
Feb. 2, 1943	54.34
Feb. 1, 1944	55.77
Feb. 12, 1945	57.40
Feb. 26, 1946	59.99

Aug. 10, 1937	40.73
Aug. 25	40.84
Sept. 14	40.94
Oct. 1	40.93
Nov. 1	41.04
Dec. 2	41.12
Jan. 4, 1938	41.18
Mar. 10	41.34
Apr. 14, 1938	41.62
May 26	41.84
June 23	41.82
Sept. 15	42.13
Mar. 1, 1939	42.50
June 21	43.04
Oct. 4	43.52
Mar. 6, 1940	43.91
Oct. 27	45.53
Nov. 16	45.64
Jan. 18, 1941	45.82
Mar. 11	45.97
Dec. 22	37.33
Mar. 9, 1942	39.20
July 24	42.10
Feb. 15, 1944	44.77

Well 120

Well 139

Francis Carthel; 4 $\frac{1}{2}$ miles northwest of Lockney; 0.7 foot above land surface.

June 10, 1937	57.37
Aug. 10	65.78
Dec. 16, 1938	59.63
Jan. 5, 1939	58.91
Feb. 27	58.54
June 21	63.77
Oct. 4	63.72
Dec. 8	62.29
Mar. 6, 1940	60.43
Nov. 16	63.25
Jan. 18, 1941	63.19
Oct. 16	61.29
Mar. 9, 1942	60.34
Oct. 20	61.60
Feb. 2, 1943	60.72
Feb. 15, 1944	62.24
Feb. 15, 1945	64.13
Feb. 26, 1946	67.87

L. R. Collins; 3 miles northwest of Lockney; 0.3 foot above land surface.

1914	53.30
Apr. 17, 1934	53.04
June 11, 1937	57.85
Nov. 23	58.49
Dec. 2	58.69
Jan. 4, 1938	58.20
Mar. 10	58.88
Mar. 29	59.01
July 23, 1941	64.17
Dec 22	63.35
Mar. 9, 1942	62.83
Oct. 20	65.56
Feb. 2, 1943	64.06
Feb. 15, 1944	65.81
Feb. 15, 1945	68.52
Feb. 26, 1946	74.46

Well 140

Well 124

Rose Lee Carthel; 3 $\frac{1}{2}$ miles northwest of Lockney; 0.7 foot above land surface.

1936	38.20
Apr. 30, 1937	40.32
June 11	40.34
July 20	40.53

Wayne Holt; 3 $\frac{1}{2}$ miles northwest of Lockney; 0.5 foot above land surface.

1914	47.00
Mar. 29, 1938	53.04
Apr. 14	53.18
May 26	53.24
June 23	53.33
Aug. 12	54.37

(Continued on next page)

Water levels, Floyd County--Continued

Well 140--Continued

Oct. 18, 1938	53.85
Dec. 7	53.85
Mar. 1, 1939	53.78
June 21	54.83
Oct. 4	55.37
Dec. 8	55.31
Mar. 6, 1940	55.34
Nov. 16	57.98
Jan. 18, 1941	57.87
Mar. 11	57.85
July 23	57.01
Dec. 22	55.54
Mar. 9, 1942	55.42
Oct. 20	57.45
Feb. 2, 1943	56.14
Feb. 15, 1944	58.40
Feb. 15, 1945	61.04
Feb. 26, 1946	66.12

Well 143

Plainview-Lockney Farms; 5 miles northwest of Lockney; 0.2 foot above land surface.

1914	51.40
Nov. 3, 1915	57.23
Apr. 27, 1936	57.70
May 16	58.23
June 11, 1937	61.23
Sept. 14	63.13
Oct. 1	62.47
Nov. 1	61.61
Dec. 2	61.05
Jan. 4, 1938	60.58
Mar. 10	60.55
Apr. 14	62.34
May 26	62.56
June 23	61.76
Sept. 15	63.24
Oct. 18	62.34
Dec. 7	61.66
Jan. 5, 1939	61.46
Mar. 1	61.00
Oct. 4	66.40
Dec. 8	63.98
Mar. 6, 1940	62.98
Oct. 27	67.47
Jan. 18, 1941	66.31
July 23	65.67
Dec. 11	64.22
Mar. 9, 1942	63.14
July 4	65.95
Oct. 27	64.60
Feb. 2, 1943	63.39

Well 143--Continued

Feb. 15, 1944	64.92
Feb. 12, 1945	67.18
Feb. 26, 1946	70.51

Well 150

M. S. Gholson; 7 miles northwest of Lockney; 2.0 feet above land surface.

May 4, 1936	46.55
May 3, 1937	48.30
June 7	47.98
July 20	48.69
July 27	48.91
Aug. 10	49.52
Aug. 25	48.93
Sept. 14	48.34
Oct. 1, 1937	47.85
Nov. 1	47.10
Dec. 2	46.56
Jan. 4, 1938	46.14
Mar. 10	45.89
Apr. 14	46.80
May 26	47.49
June 23	47.54
Aug. 12	48.27
Oct. 17	47.70
Dec. 5	47.40
Jan. 5, 1939	47.28
Mar. 1	46.90
June 26	48.90
July 25	49.94
Oct. 5	49.83
Dec. 14	49.53
Mar. 6, 1940	48.77
Nov. 6	51.75
Jan. 20, 1941	51.24
Mar. 11	50.86
July 23	51.06
Dec. 20	48.69
Mar. 9, 1942	47.89
Oct. 23	48.57
Jan. 18, 1943	47.70
July 20	47.94
Feb. 15, 1944	49.12
Feb. 12, 1945	51.10
Feb. 26, 1946	53.01

Well 153

J. C. Thomas and Sons; 6½ miles west of Lockney; 0.5 foot above land surface.

1914	46.50
Apr. 27, 1936	53.26

(Continued on next page)

Water levels, Floyd County--Continued

Well 153--Continued

Apr. 30, 1937	55.80
May 26	54.12
June 4	53.29
July 27	56.71
Aug. 25	54.27
Sept. 6	53.54
Jan. 8, 1938	52.31
Mar. 29	54.73
Apr. 14	53.63
June 3	54.28
June 28	53.45
Oct. 18	53.86
Jan. 5, 1939	53.68
Mar. 2	53.23
June 26	54.98
Dec. 14, 1939	55.88
Mar. 7, 1940	54.90
Nov. 16	58.10
Jan. 20, 1941	57.60
Mar. 11	57.13
Mar. 10, 1942	53.58
Oct. 27	54.81
Feb. 2, 1943	53.89
Feb. 15, 1944	55.62
Feb. 13, 1945	58.10
Feb. 26, 1946	60.30

Well 157

T. L. and D. Co.; 16 miles west of Lockney; 1.3 miles above land surface.

Feb. 29, 1916	48.30
Apr. 17, 1934	49.45
Apr. 30, 1937	59.30
May 26	58.32
Oct. 1	57.45
Nov. 1	55.62
Dec. 2	55.08
Jan. 4, 1938	54.71
Mar. 10	54.40
Apr. 14	55.19
June 28	57.43
Oct. 17	56.03
Dec. 5	55.50
Jan. 5, 1939	55.33
Mar. 1	55.00
June 26	59.02
Oct. 4	58.73
Dec. 14	57.48
Mar. 6, 1940	56.76
Nov. 16	60.67
Jan. 20, 1941	59.80
Mar. 11	59.39
Dec. 20	57.20

Well 157--Continued

Mar. 9, 1942	56.38
Oct. 27,	57.63
Feb. 2, 1943	56.48
Feb. 15, 1944	58.16
Feb. 12, 1945	60.30
Feb. 26, 1946	62.86

Well 161

T. L. and D. Co.; 5½ miles west of Lockney; 0.4 foot above land surface.

1914	50.40
Apr. 27, 1936	58.30
May 26, 1937	61.22
June 7	61.14
July 27	62.45
Aug. 25	62.63
Sept. 14	60.64
Oct. 1	60.13
Nov. 1	59.54
Dec. 2	59.21
Jan. 4, 1938	58.95
Mar. 10,	58.90
May 26	60.73
June 23	60.25
Oct. 17	60.60
Dec. 5	60.12
Jan. 5, 1939	60.50
Mar. 1	58.93
June 26	62.74
Oct. 4	63.41
Dec. 8	62.13
Mar. 6, 1940	61.50
Oct. 9	66.37
Oct. 31	65.74
Nov. 5	65.80
Nov. 16	65.51
Jan. 20, 1941	64.92
Mar. 11	64.49
Dec. 22	62.03
Mar. 9, 1942	61.39
Oct. 27	62.83
Feb. 2, 1943	61.66
Feb. 15, 1944	63.38
Feb. 12, 1945	65.75
Feb. 26, 1946	69.55

Well 326

W. C. Simms; 2 miles east of Floydada; 1.5 feet above land surface.

Nov. 9, 1937	151.43
Jan. 26, 1939	149.84
Nov. 27, 1940	149.90

(Continued on next page)

Water levels, Floyd County---Continued

Well 326--Continued

Mar. 12, 1941	149.93
Mar. 11, 1942	149.67
July 24	149.71
Oct. 22	149.48
Jan. 29, 1943	149.58
July 27	149.58
Feb. 15	149.23
Feb. 27	149.07

Well 409

T. L. and D. Co.; 5 miles west of Lockney; 0.8 foot above land surface.

Apr. 2, 1914	45.30
Apr. 22, 1936	57.70
Apr. 28, 1937	52.45
May 25	52.71
June 4	52.14
Aug. 25	53.03
Sept. 14	52.38
Oct. 1	52.24
Nov. 1	51.87
Dec. 2	51.63
Jan. 4, 1938	51.42
Mar. 10	51.31
Mar. 29	52.66
Apr. 13	53.30
June 3	52.83
June 23	52.79
Aug. 12	54.67
Oct. 18	52.87
Dec. 5	52.58
Jan. 5, 1939	52.63
Mar. 2	52.25
June 23	54.54
Aug. 14	54.90
Oct. 5	55.66
Dec. 14	55.02
Mar. 7, 1940	54.14
Nov. 15	58.04
Jan. 20, 1941	57.12
Mar. 11	56.81
June 2	57.85
July 23	56.81
Dec. 22	54.74
Mar. 10, 1942	54.08
Oct. 28	55.19
Feb. 2, 1943	53.98
Feb. 14, 1945	58.09
Feb. 27, 1946	61.63

Well 410

W. C. McGrede; 5 $\frac{1}{2}$ miles west of Lockney
1.5 feet above land surface.

1914	41.70
Apr. 27, 1936	49.40
Apr. 30, 1937	51.79
Mar. 31, 1938	52.43
June 3	50.74
June 23	51.07
Oct. 18	50.34
Dec. 5	50.09
Jan. 5, 1939	50.48
Mar. 2	49.62
June 23	52.46
Oct. 5	54.44
Dec. 14	53.46
Mar. 7, 1940	51.49
Nov. 15	55.05
Jan. 20, 1941	54.18
Mar. 11	54.00
Dec. 22	51.45
Mar. 10, 1942	50.92
Oct. 28	52.00
Feb. 2, 1943	50.93
Feb. 16, 1944	52.33
Feb. 14, 1945	54.90
Feb. 27, 1946	57.71

Well 414

Mrs. Harriet B. Robbins; 4 $\frac{1}{2}$ miles west of Lockney; 0.5 foot above land surface.

July --, 1913	50.00
1914	50.00
Mar. 29, 1938	61.45
June 23	61.66
Oct. 18	62.12
Dec. 5	61.16
Jan. 5, 1939	61.62
Mar. 2	60.90
July 5	64.11
Oct. 4	66.00
Dec. 8	63.58
Mar. 6, 1940	63.58
Nov. 15	69.49
Jan. 20, 1941	67.95
Mar. 5	66.87
July 23	67.70
Dec. 22	63.98
Mar. 10, 1942	62.93
Oct. 28	65.10
Feb. 2, 1943	62.97
Feb. 15, 1944	66.21
Feb. 14, 1945	69.30

Water levels, Floyd County--Continued

Well 416

Johnnie Spears; $4\frac{1}{2}$ miles west of Lockney;
3.0 feet above land surface.

Aug. --, 1913	51.20
1914	51.20
June 23, 1938	65.60
Oct. 18	64.11
Dec. 5	63.24
Jan. 5 1939	63.66
Mar. 2,	63.02
Oct. 4	65.95
Dec. 8	65.80
Mar. 6, 1940	65.38
Nov. 15	71.52
Jan. 20, 1941	70.01
Mar. 5	69.11
Dec. 22	66.40
Mar. 10, 1942	65.51
Oct. 28	67.71
Mar. 2, 1943	65.63
Feb. 15, 1944	68.08
Feb. 14, 1945	71.25
Feb. 26, 1946	75.80

Well 421

J.R. Belt, Jr.; $3\frac{1}{2}$ miles west of Lockney;
1.0 foot above land surface.

Dec. 11, 1913	51.00
1914	51.00
Apr. 17, 1934	53.45
Apr. 22, 1936	56.96
Mar. 17, 1937	58.49
June 7	58.85
July 27	59.87
Aug. 25	60.56
Sept. 6	60.05
Sept. 14	59.90
Oct. 1	59.82
Nov. 1	59.25
Dec. 2	59.00
Jan. 4, 1938	58.85
Mar. 29	58.97
Apr. 13	59.17
June 3	60.06
June 24	60.24
Oct. 17	60.54
Dec. 5	60.26
Jan. 5, 1939	60.22
Mar. 2	60.08
June 26	61.90
Oct. 4	63.24
Dec. 8	62.25
Mar. 6, 1940	61.80

Well 421--Continued

Oct. 27, 1940	66.93
Nov. 15	66.40
Jan. 20, 1941	65.74
Mar. 11	65.28
June 2	66.27
July 23	65.15
Dec. 11	63.86
Mar. 10, 1942	63.06
July 4	64.10
Oct. 28	64.88
Feb. 2, 1943	63.33
Feb. 15, 1944	65.50
Feb. 14, 1945	68.70
Feb. 26, 1946	74.37

Well 428

T. L. and D. Co.; $3\frac{1}{2}$ miles southwest
of Lockney; 2.5 feet above land sur-
face.

1914	45.20
Mar. 29, 1938	51.45
June 28	51.50
Oct. 18	51.64
Dec. 5	51.25
Jan. 5, 1939	51.14
Mar. 2	50.96
June 26	52.48
Oct. 4	55.27
Dec. 8	52.79
Mar. 6, 1940	52.54
Oct. 5	56.90
Nov. 15	55.47
Jan. 20, 1941	54.98
Mar. 11	54.83
Dec. 22	53.41
Mar. 10, 1942	52.87
Oct. 28	54.03
Feb. 2, 1943	53.09
Feb. 15, 1944	54.83
Feb. 14, 1945	57.04
Feb. 26, 1946	62.38

Well 435

Lloyd Wofford; $1\frac{1}{2}$ miles southwest of
Lockney; 0.7 foot above land surface.

June 7, 1937	58.11
July 27	58.48
Nov. 16	57.76
Apr. 14, 1938	58.26
Apr. 19	58.32
June 24	58.42
Aug. 12	59.15

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Water levels, Floyd County--Continued

Well 435--Continued

Oct. 17, 1938	59.25
Dec. 5	58.76
Jan. 5, 1939	58.60
Mar. 2	58.36
June 21	59.71
July 25	59.95
Oct. 4	61.05
Dec. 8	60.40
Mar. 6, 1940	59.88
Nov. 15	63.91
Jan. 20, 1941	63.15
July 22	65.28
Dec. 22	62.18
Mar. 11, 1942	61.52
Oct. 28	65.54
Jan. 29, 1943	63.23
Feb. 26, 1946	76.44

Well 436

Owner unknown; 1 mile south of Lockney;
0.3 foot above land surface.

July 27, 1937	45.74
Sept. 6	46.18
Jan. 24, 1938	45.58
Apr. 19	46.30
June 26	46.56
Mar. 6, 1940	48.46
Mar. 11, 1941	50.91
Mar. 11, 1942	46.40
Oct. 28, 1942	48.56
Jan. 29, 1943	47.99
Feb. 1, 1944	51.48
Feb. 15, 1945	53.25
Feb. 26, 1946	58.53

Well 437

Lockney Oil Mill Co.; 1 mile southeast of
Lockney; 0.4 foot above land surface.

June 8, 1937	50.31
July 27	50.45
Sept. 6	50.63
Jan. 24, 1938	50.74
Apr. 19	50.79
June 26	50.93
Oct. 4	52.38
Dec. 8	52.60
Mar. 6, 1940	52.79
Nov. 15	54.22
Jan. 20, 1941	54.47
Mar. 11	54.56
Dec. 22	53.33
Mar. 11, 1942	52.98
Jan. 29, 1943	53.37

Well 437--Continued

Feb. 1, 1944	54.62
Feb. 15, 1945	56.30
Feb. 26, 1946	59.32

Well 439

O. J. Schacht; 3 miles west of Lockney
2.5 feet above land surface.

1914	45.70
Mar. 29, 1938	53.83
Apr. 25	55.90
June 26	54.08
Oct. 17	53.98
Dec. 5	53.72
Jan. 5, 1939	53.62
Mar. 2	53.45
June 26	54.94
Oct. 4	58.39
Dec. 8	55.98
Mar. 6, 1940	54.97
Nov. 15	57.29
Jan. 20, 1941	57.74
Mar. 11	57.55
Dec. 22	56.15
Mar. 10, 1942	55.61
Oct. 28	56.90
Feb. 2, 1943	55.90
Feb. 15, 1944	58.14

Well 441

Federal Land Bank; 1½ miles northeast
of Lockney; 1.0 foot above land sur-
face.

Oct. 1, 1937	62.88
Nov. 1	62.90
Dec. 2	62.93
Jan. 4, 1938	62.97
Mar. 11	63.06
Apr. 13	63.10
May 26	63.19
June 24	63.24
Aug. 12	63.22
Oct. 17	63.46
Dec. 5	63.53
Jan. 3, 1939	63.59
Mar. 2	63.70
June 21	63.96
June 26	63.98
July 24	64.01
Aug. 14	64.05
Oct. 4	64.17
Dec. 8	64.29
Jan. 13, 1940	64.41

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Water levels, Floyd County--Continued

Well 441--Continued

Mar. 6, 1940	64.54
July 9	64.84
Oct. 27	65.18
Nov. 15	65.23
Dec. 21	65.34
Jan. 20, 1941	65.43
Mar. 11	65.60
June 2	65.91
July 23	65.81
Dec. 20	64.55
Mar. 11, 1942	64.20
July 24	63.79
Oct. 20	63.83
Feb. 2, 1943	63.67
Feb. 15, 1944	64.68
Feb. 14, 1945	66.02
Feb. 26, 1946	67.38

Well 442

Scion Clements; $1\frac{3}{4}$ miles east of
Lockney; 0.7 foot above land surface.

Nov. 1, 1937	36.80
Dec. 2	36.27
Jan. 4, 1938	35.92
Mar. 11	35.32
Apr. 13	35.38
May 26	35.12
June 24	35.78
Aug. 12	36.13
Oct. 17	36.65
Dec. 5	37.20
Jan. 3, 1939	37.47
Mar. 2	37.92
June 21	38.51
June 26	38.54
July 24	38.18
Aug. 14	38.34
Oct. 4	38.64
Dec. 8	38.83
Jan. 13, 1940	38.93
Mar. 6	39.23
July 9	39.28
Nov. 15	39.51
Dec. 21	39.56
Jan. 20, 1941	39.60
Mar. 11	40.70
June 2	39.31
July 23	31.22
Dec. 20	24.48
Mar. 10, 1942	25.83
July 4	27.88
Oct. 20	28.39
Feb. 2, 1943	26.86

Well 442--Continued

Feb. 15, 1944	32.42
Feb. 22, 1945	35.22
Feb. 26, 1946	36.75

Well 446

W. J. King; 3 miles southeast of
Lockney; 0.5 foot above land surface.

June 8, 1937	43.33
July 27	43.42
Sept. 6	43.57
Nov. 1	43.63
Dec. 2	43.42
Jan. 4, 1938	43.43
Mar. 11	43.43
Apr. 13	43.51
Apr. 19	43.54
May 26	43.63
June 24	43.63
Aug. 12	43.50
Oct. 17	43.68
Dec. 5	43.68
Jan. 3, 1939	43.71
Mar. 2	43.70
June 21	43.92
Aug. 14	44.00
Oct. 4	44.12
Dec. 8	44.14
Jan. 13, 1940	44.17
Mar. 6	44.19
Oct. 27	45.71
Nov. 15	45.15
Jan. 20, 1941	45.25
Mar. 11	45.07
Dec. 22	44.10
July 24, 1942	42.63
Jan. 29, 1943	42.22
Feb. 1, 1944	42.35
Feb. 11, 1945	43.40
Feb. 27, 1946	45.16

Well 459

Mr. -- Jackson; $5\frac{1}{2}$ miles southwest of
Lockney; 0.4 foot above land surface.

Mar. --, 1917	43.40
Apr. 17, 1934	44.29
June 18, 1937	47.86
Aug. 25	48.62
Sept. 14,	47.48
Oct. 1	47.24
Nov. 1	47.03
Dec. 2	46.94
Jan. 4, 1938	46.88

(Continued on next page)

Water levels, Floyd County--Continued

Well 459--Continued

Mar. 10, 1938	47.78
Mar. 29	49.35
Apr. 13	49.40
June 3	49.17
June 28	48.25
Oct. 18	49.20
Dec. 5	48.44
Jan. 5, 1939	48.40
Mar. 2	48.25
June 23	50.16
Aug. 14	50.54
Oct. 4	50.58
Dec. 8,	49.70
Mar. 6, 1940	49.57
Nov. 15	51.94
Jan. 20, 1941	51.64
Mar. 11	51.62
Dec. 20	48.93
Mar. 10, 1942	48.53
Oct. 28	48.79
Jan. 29, 1943	48.35
July 20	52.33
Feb. 15, 1944	50.30
Feb. 14, 1945	51.90
Feb. 27, 1946	54.69

Well 463

T. L. and D. Co.; 6 miles west of Lockney;
1.5 feet above land surface.

Mar. 22, 1915	45.00
Apr. 16, 1934	46.43
June 12, 1937	51.14
Dec. 2	49.65
Jan. 8, 1938	49.33
Mar. 10	49.44
Mar. 29	49.89
June 26	51.71
Oct. 18	51.74
Dec. 7	51.08
Jan. 5, 1939	50.91
Mar. 2	50.41
Dec. 14	53.42
Mar. 7, 1940	52.38
Nov. 15	55.69
Jan. 20, 1941	54.71
Mar. 11	54.57
Dec. 22	51.42
Mar. 10, 1942	50.73
Oct. 27	51.49
Feb. 2, 1943	50.44
Feb. 16, 1944	51.82
Feb. 14, 1945	54.47
Feb. 27, 1946	57.20

Well 467

C. J. Barnard; 8 miles southwest of
Lockney; 1.5 feet above land surface.

July 29, 1937	39.88
Aug. 9	39.62
Aug. 25	40.65
Sept. 10	39.65
Oct. 2	39.04
Nov. 2	38.53
Jan. 8, 1938	37.82
May 26	40.41
June 28	39.73
Oct. 17	39.86
Dec. 7	39.62
Jan. 5, 1939	39.58
Mar. 2	39.35
Mar. 7, 1940	42.19
Nov. 15	45.68
Jan. 20, 1941	44.58
Mar. 11	44.32
Dec. 20	40.80
Mar. 10, 1942	39.65
Oct. 27	39.32
Jan. 29, 1943	38.40
Feb. 16, 1944	40.95
Feb. 14, 1945	43.53
Feb. 27, 1946	44.42

Well 472

T. L. and D. Co.; 5½ miles southwest of
Lockney; 1.0 foot above land surface.

Mar. 29, 1938	48.59
Apr. 13	48.34
June 3	49.83
June 28	48.06
Dec. 5	48.28
Jan. 5, 1939	48.25
Mar. 2	48.09
June 23	49.96
Aug. 14	50.44
Oct. 4	50.41
Dec. 8	49.57
Mar. 6, 1940	49.47
Nov. 15	51.82
Jan. 20, 1941	51.53
Mar. 11	51.55
Dec. 20	48.56
Mar. 10, 1942	48.20
Oct. 28	48.50
Jan. 29, 1943	48.10
July 20	51.91
Feb. 15, 1944	49.50
Feb. 14, 1945	51.80
Oct. 13	54.98
Feb. 27, 1946	55.49

Water levels, Floyd County--Continued

Well 486

Mrs. M. E. Morris; 5 $\frac{1}{2}$ miles southeast of Lockney; 0.3 foot above land surface.

July 28, 1937	35.83
Jan. 24, 1938	33.70
June 26	34.35
June 23, 1939	35.35
Oct. 4	35.51
Dec. 8	35.64
Jan. 13, 1940	35.70
Mar. 6	35.80
July 9	35.93
Oct. 27	36.02
Nov. 15	36.05
Jan. 20, 1941	36.14
Mar. 12	36.20
July 23	28.20
Dec. 20	27.20
Mar. 10, 1942	29.16
July 24	30.44
Oct. 28	29.42
Jan. 29, 1943	30.42
Feb. 15, 1944	31.38
Feb. 15, 1945	32.75
Feb. 27, 1946	33.97

Well 509

S. H. Boon; 9 $\frac{1}{2}$ miles west of Floydada; 0.2 foot above land surface.

May 14, 1937	39.58
June 18	39.32
Aug. 25	39.23
Sept. 14	39.07
Oct. 1	38.91
Nov. 1	38.88
Dec. 2	38.96
Jan. 4, 1938	39.10
Mar. 11	39.38
Apr. 13	39.73
May 26	40.03
June 28	40.05
Oct. 17	40.35
Dec. 5	40.52
Jan. 3, 1939	40.54
Mar. 2	40.69
June 23	41.47
Aug. 14	41.67
Oct. 4	42.21
Dec. 8	42.30
Mar. 6, 1940	42.60
July 9	43.88
Nov. 15	45.14
Jan. 20, 1941	45.19
Mar. 11	45.53

Well 509--Continued

July 23, 1941	43.20
Dec. 20	41.83
Mar. 10, 1942	41.62
Oct. 28	42.03
Jan. 29, 1943	41.38
Feb. 15, 1944	42.38

Well 510

W. R. Crow; 11 miles west of Floydada; 1.3 feet above land surface.

June 18, 1937	41.50
Dec. 2	41.18
Jan. 4, 1938	41.24
June 28	42.95
Dec. 5	43.74
Jan. 3, 1939	43.57
Mar. 2	43.07
June 23	47.43
Dec. 8	47.32
Mar. 6, 1940	45.83
Nov. 15,	51.93
Jan. 20, 1941	49.52
Mar. 11	50.70
Dec. 20	42.97
Mar. 10, 1942	41.94
Oct. 28	43.38
Jan. 29, 1943	42.00
Feb. 15, 1944	44.65
Feb. 14, 1945	47.78
Feb. 27, 1946	50.79

Well 519

J. L. Faulkner; 7 $\frac{1}{2}$ miles west of Floydada; 0.8 foot above land surface.

May 8, 1936	48.89
May 10, 1937	50.00
Aug. 25	50.55
Sept. 14	50.53
Oct. 1	50.68
Nov. 1	50.64
Dec. 2	50.23
Jan. 4, 1938	50.26
Mar. 11	50.32
May 26	50.79
June 28	50.91
Oct. 17	51.29
Dec. 5	51.40
Jan. 3, 1939	51.42
Mar. 2	51.49
June 23	51.44
Aug. 14	51.87
Oct. 4	52.19

(Continued on next page)

Water levels, Floyd County--Continued

Well 519--Continued

Dec. 8, 1939	52.39
Mar. 6, 1940	52.64
Nov. 15	53.85
Jan. 20, 1941	54.44
Mar. 11	54.45
Dec. 20	53.24
Mar. 10, 1942	52.52
July 4	52.20
Nov. 25	52.18
Jan. 29, 1943	51.43
Feb. 15, 1944	51.36
Feb. 15, 1945	53.70
Feb. 27, 1946	55.48

Well 523

Clark Harris; $7\frac{1}{2}$ miles northwest of Floydada; 1.0 foot above land surface.

Dec. 12, 1939	58.74
Mar. 6, 1940	57.06
Oct. 20	63.03
Nov. 15	61.78
Jan. 20, 1941	60.47
Mar. 11	60.16
July 23	67.20
Dec. 20	57.80
Mar. 10, 1942	56.72
Oct. 28	58.98
Jan. 29, 1943	56.97
Feb. 15, 1944	58.93
Feb. 14, 1945	61.33
Feb. 27, 1946	65.92

Well 525

O. W. Fry; $6\frac{1}{2}$ miles northwest of Floydada; 0.7 foot above land surface.

May 14, 1937	40.99
June 8	40.95
July 27	41.13
Aug. 25	41.25
Sept. 14	41.10
Oct. 1	41.07
Nov. 1	40.91
Dec. 2	40.82
Jan. 4, 1938	40.75
Mar. 11	40.61
Apr. 13	40.86
May 26	40.98
June 24	40.88
Aug. 12	40.98
Oct. 17	40.80
Dec. 5	40.85
Jan. 3, 1939	40.84
Mar. 2	40.93

Well 525--Continued

June 23, 1939	41.38
Aug. 14	41.51
Oct. 4	41.58
Dec. 8	41.57
Jan. 13, 1940	41.60
Mar. 6	41.63
July 9	42.15
Oct. 27	42.41
Nov. 15	42.41
Jan. 20, 1941	42.46
Mar. 11	42.57
July 23	42.34
Dec. 20	39.87
Mar. 10, 1942	38.54
July 24	38.02
Oct. 28	37.89
Jan. 29, 1943	37.54
July 20	37.45
Feb. 14, 1944	37.75
Feb. 14, 1945	39.50
Feb. 27, 1946	41.32

Well 528

Mrs. Maud Hollums; $4\frac{1}{2}$ miles northwest of Floydada; 0.8 foot above land surface.

June 8, 1937	51.54
July 27	51.36
Sept. 6	51.75
Jan. 24, 1938	51.72
Apr. 19	51.67
June 26	51.64
Dec. 17, 1939	51.79
Jan. 19, 1940	51.83
Mar. 22	51.89
Nov. 27	52.09
Jan. 20, 1941	51.94
Mar. 12	52.16
July 23	51.24
Dec. 22	51.05
Mar. 11, 1942	50.93
July 24	50.40
Oct. 28	50.05
Jan. 29, 1943	49.80
Feb. 1, 1944	48.68

Well 529

P. and S. F. R.R.; $1\frac{1}{2}$ miles northwest of Floydada; 0.5 foot above land surface.

June 15, 1937	110.46
July 27	110.10

(Continued on next page)

Water levels, Floyd County--Continued

Well 529--Continued

Nov. 30, 1938	110.59
Dec. 17, 1939	110.74
Mar. 22, 1940	110.88
Nov. 17	111.04
Mar. 11, 1942	111.38
Jan. 29, 1943	110.92
Feb. 1, 1944	109.99
Feb. 15, 1945	110.00
Feb. 27, 1946	111.01

Well 533

Martin Estate; in Floydada; at land surface.	
June 8, 1937	122.12
July 27	122.18
Sept. 6	122.07

Well 533--Continued

Jan. 24, 1938	122.21
Apr. 18	122.23
June 26	122.22
Jan. 26, 1939	122.25
Dec. 17	122.57
Mar. 22, 1940	122.37
Nov. 27	122.83
Mar. 12, 1941	122.70
Mar. 11, 1942	121.95
July 24	122.48
Oct. 22	122.75
Jan. 29, 1943	122.28
Feb. 15, 1945	122.50

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

Analyzed at The University of Texas under the direction of F. 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 ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Total hardness as CaCO ₃ (calc.)
75	Irvin Bennett	123	Dec. 10, 1937	343	32	17	81	317	39	18	-	a/	150
77	-- Johnson	150	Dec. 18, 1937	323	40	46	20	329	39	16	-	a/	289
79	J. H. Fowler	123	Dec. 15, 1937	339	60	32	23	305	50	16	-	a/	280
80	Sim Reeves	110	Dec. 18, 1937	480	64	46	51	366	93	42	-	a/	349
81	T. J. Welsh	172	Dec. 15, 1937	275	54	29	12	281	25	17	-	a/	253
82	R. C. Bennett	146	Dec. 18, 1937	293	56	34	-	305	25	13	-	a/	281
86	Mason Davis	146	Dec. 15, 1937	331	47	35	30	287	50	28	-	a/	262
87	A. R. Meriwether	187	Dec. 16, 1937	387	53	35	48	360	47	27	-	a/	277
120	Frances Carthel	210	Nov. 17, 1945	403	47	43	26	341	36	24	-	0.8	294
163	B. B. Wilkes	206	do.	391	44	50	12	330	36	22	-	2.2	316
183	do.	336	do.	392	47	51	3.9	331	32	21	-	1.2	327
201	D. G. Garland	225	Dec. 15, 1937	501	39	27	117	336	79	74	-	a/	207
203	Ivey J. Moon	262	Dec. 29, 1937	316	42	33	35	305	39	17	-	a/	240
204	J. A. Taylor	60	Dec. 30, 1937	601	-	-	-	409	107	73	-	a/	-
205	W. H. Davis	71	do.	1,868	28	46	593	488	561	400	-	-	259
206	Edgin School	105	Dec. 31, 1937	1,071	79	44	236	372	439	90	-	a/	377
207	H. C. Kell	110	do.	1,090	88	34	234	195	518	120	-	a/	361
208	E. W. Tibbetts	49	do.	862	25	48	230	451	139	142	-	56	260
209	W. W. Merrill	17	Dec. 30, 1937	395	-	-	-	421	11	22	-	a/	-
210	-- Howard	Spring	do.	364	37	27	67	317	57	20	-	a/	202
211	J. T. Persons	108	do.	1,929	162	120	303	146	928	340	-	a/	899
213	H. M. Welch	69	Dec. 28, 1937	459	-	-	-	317	68	44	-	26	-
214	Howard Bros.	Spring	do.	324	48	41	19	336	36	15	-	a/	291
218	do.	Spring	Oct. 25, 1938	326	65	23	30	317	28	24	-	a/	259
219	do.	Spring	Oct. 13, 1938	305	-	-	-	287	32	16	-	a/	-
220	do.	Spring	do.	269	37	25	33	262	26	14	4.4	a/	201
221	Troy Taylor	Spring	do.	387	-	-	-	342	48	20	3.8	a/	-
224	W. D. Beedy	250	Jan. 1, 1938	339	76	35	5	329	35	26	-	a/	331
225	O. W. Stroup	Spring	Oct. 14, 1938	370	-	-	-	348	40	18	-	a/	-
226	do.	Spring	do.	348	47	39	36	354	32	16	4.0	a/	279
227	Howard Bros.	Spring	Nov. 4, 1938	-	-	-	-	318	24	22	-	0.25	-
230	J. D. Childress	163	Dec. 20, 1937	319	50	30	32	311	36	18	-	a/	249

a/ Nitrate less than 20 parts per million.

Partial analyses of water from wells and springs in Floyd 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 ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Total hardness as CaCO ₃ (calc.)
232	Town of South Plains	181	Dec. 15, 1937	252	43	29	17	256	32	15	-	a/	228
232	do.	181	Nov. 17, 1945	361	42	30	42	311	26	14	2.8	1.2	228
235	J. V. Gilly	195	Dec. 27, 1937	305	36	34	34	281	39	24	-	a/	231
236	H. B. Farly	213	Dec. 28, 1937	356	46	36	42	336	43	25	-	a/	263
237	B. F. Harper	385	Dec. 27, 1937	357	51	27	52	342	36	23	-	a/	237
238	P. Gilbert	226+	do.	342	54	23	48	317	36	25	-	a/	229
239	C. C. Hawkins	299+	Dec. 28, 1937	286	64	18	22	287	25	16	-	a/	236
244	Howard Bros.	Spring	Nov. 3, 1938	343	53	33	36	344	32	16	2.9	0.5	268
247	do.	Spring	Nov. 1, 1938	344	42	34	46	330	36	20	2.9	0.25	244
251	W. Z. Hawkins	Spring	Aug. 16, 1938	248	30	19	40	189	35	29	2.2	a/	152
252	do.	Spring	do.	303	-	-	-	262	38	22	-	a/	-
253	Howard Bros.	Spring	do.	270	38	21	38	244	31	20	2.4	a/	183
254	do.	Spring	do.	242	-	-	-	189	35	24	-	a/	-
255	do.	Spring	Aug. 18, 1938	247	50	18	8.0	256	27	18	-	a/	246
256	Mrs. Maud E. Hollums	Spring	do.	323	47	22	49	311	31	21	-	a/	209
259	do.	Spring	Aug. 19, 1938	230	-	-	-	195	31	17	-	a/	-
260	do.	Spring	do.	284	-	-	-	262	27	17	1.9	a/	-
261	do.	Spring	do.	292	42	19	46	256	35	21	2.5	a/	182
301	Mrs. H. S. Bolin	160	Jan. 13, 1938	339	48	39	29	323	38	26	-	a/	279
304	Paul Box	190	do.	325	47	38	25	305	38	27	-	a/	274
305	Jack Lackey	190	do.	312	47	27	36	305	32	8	-	a/	226
306	Geo. Meriwether	240	do.	331	32	17	76	305	34	22	-	a/	150
307	Pete McDonald	360	do.	629	17	1	238	500	72	55	-	a/	46
308	Mrs. L. H. Lewis	40	Jan. 25, 1938	264	37	19	40	256	26	16	-	a/	172
309	do.	Spring	Jan. 27, 1938	461	56	17	100	293	39	105	-	a/	211
310	W. P. Ware	300	Aug. 19, 1938	296	50	26	29	268	35	21	2.9	a/	231
315	A. T. Swetston	280	Jan. 28, 1938	312	42	17	58	287	28	26	-	a/	175
316	J. M. Hicks	257	Jan. 10, 1938	289	47	25	27	250	25	24	-	a/	221
317	Fairview School	290	do.	193	38	16	18	189	13	15	-	a/	150
318	C. F. Thorne	200	Jan. 11, 1938	372	77	24	29	311	38	31	-	20	290
319	B. R. Lybrand	160	do.	313	51	31	28	311	29	21	-	a/	254
320	Baptist General Convention of Texas	160	Jan. 12, 1938	-	-	-	-	-	35	19	-	a/	-

a/ Nitrate less than 20 parts per million.

Partial analyses of water from wells and springs in Floyd 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 ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Total hardness as CaCO ₃ (calc.)
323	Center School	179	Jan. 12, 1938	235	39	25	19	256	13	13	-	a/	200
329	Mrs. S. H. Rushing	190	Jan. 26, 1938	302	53	19	40	317	24	10	-	a/	212
330	Campbell School	190	do.	314	39	25	48	293	42	16	-	a/	201
332	J. H. Farmer	250	Jan. 28, 1938	307	51	19	43	287	28	25	-	a/	207
333	Fred Zimmerman	250	do.	313	47	25	44	329	10	25	-	a/	221
334	Hammond Estate	268	do.	422	26	14	119	317	64	36	-	a/	124
336	G. B. Bostick	Spring	Sept. 6, 1938	260	-	-	-	256	18	16	-	a/	-
338	do.	Spring	Aug. 24, 1938	315	-	-	-	268	24	39	-	a/	-
341	L. H. Lewis	Spring	Aug. 26, 1938	949	48	18	296	256	69	390	-	2.0	191
428	T. L. & D. Co.	210	Feb. 28, 1945	494	46	45	65	376	38	47	3.6	6.8	300
438	City of Lockney	282	Jan. 24, 1938	384	33	41	56	293	50	51	-	a/	250
454	Dr. H. M. Thompson	264	Oct. 30, 1945	365	39	42	26	335	27	16	-	0.8	270
494	do.	356	Nov. 17, 1945	354	44	47	13	334	30	18	-	2.2	304
522	W. E. Miller	226	May 14, 1937	341	50	43	20	323	46	23	-	a/	302
530	City of Floydada	212	Feb. 28, 1945	387	39	41	35	296	39	26	4.4	3.5	266
532	do.	160	Jan. 24, 1938	349	52	35	33	305	50	29	-	a/	271
532	do.	160	Feb. 28, 1945	404	36	37	50	312	39	23	4.0	4.0	242
566	W. M. Massey	Spring	Jan. 29, 1938	457	100	29	40	476	32	22	-	a/	368
592	McCoy School	110	do.	251	46	30	7	201	24	45	-	a/	239
608	F. M. Dougherty	315±	Jan. 24, 1938	328	32	29	55	293	46	18	-	a/	198
608	do.	315±	Nov. 17, 1945	400	41	36	54	346	38	18	2.8	4.1	250
609	do.	390	Oct. 25, 1939	383	-	-	75	347	40	18	2.5	2.6	198
610	Baker School	210	Jan. 26, 1938	321	52	20	46	305	34	19	-	a/	213
614	Lakeview School	200±	Jan. 27, 1938	318	54	36	18	317	38	16	-	a/	282
615	J. D. Glover	312	Oct. 24, 1939	383	-	-	61	344	40	19	2.9	2.8	228
616	F. M. Dougherty	265	do.	299	48	30	299	303	28	14	-	3.4	243
618	do.	265	Oct. 25, 1939	297	-	-	22	244	34	24	1.6	2.8	228
619	Mrs. C. T. Beckham	300±	Oct. 24, 1939	215	-	-	7.9	241	3	4.0	0.6	1.5	192
620	F. M. Dougherty	310	Oct. 25, 1939	321	-	-	29	274	30	26	2.3	2.8	237

a/ Nitrate less than 20 parts per million.