

TEXAS BOARD OF WATER ENGINEERS

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HALE 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

July, 1946

RECORDS OF WELLS IN HALE COUNTY, TEXAS

By

R. B. Merritt and C. R. Follett

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An investigation of the occurrence and development of ground water for irrigation in the Texas High Plains, of which the territory comprising Hale County is a part, has been in progress since 1937 as part of a state-wide program of investigation of the ground-water resources of Texas by the Texas Board of Water Engineers in cooperation with the United States Geological Survey. The results of these investigations covering most of the irrigated areas of the Plains have been published in a series of five progress reports, the first of which was released in 1938 and the last in 1945. A similar report for 1946 is in the course of preparation.

This publication contains records of 1,000 irrigation wells that are equipped with pumping plants together with a considerable number of domestic and stock wells and a few unused wells in Hale County. It contains the records of all irrigation wells that were active during November 14, 1945 to April 11, 1946 when field investigations were made by the writers. Records of 300 of the irrigation wells were published in a similar report on April 14, 1938.

The well information is compiled in tables of well records, drillers' logs, water level fluctuations and water analyses. A map of the county is included showing by various symbols the locations of all wells listed, each well being given a number on the map corresponding to the number assigned to it in the tables.

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

The tables of water level measurements give the results of measurements made in February or March of each year from 1937 to 1946. Most of the heavy pumping for irrigation in Hale County occurs during the summer. Therefore, measurements in February or March, before the start of spring irrigation, give the best information regarding net changes in water levels from year to year.

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

W. L. Broadhurst, Associate Geologist in the Geological Survey gave valuable assistance toward planning the field work and compiling the well records. Thanks are due the owners of wells and pumping plants in Hale County who have given their cordial assistance and cooperation. Representatives of many pump companies have contributed freely of their records, and several well drillers have furnished important 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 in Hale County, Texas
 All wells are drilled unless noted in the remarks column

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
1	20 miles northwest	E. C. Abernathy	-- Moore	1936	185	16	1.0
2	18½ miles northwest	W. J. Howell	J. C. Cook	1931	152	--	--
3	17½ miles northwest	J. O. Bass	--	1937	220	--	1.0
4	17 miles northwest	Mrs. Carl Goodman	H. L. Bartlett	1937	210	15½	--
5	do.	C. R. Spann	Green Machinery Co.	1943	210	16	--
6	16½ miles northwest	G. W. Bigler	I. G. Inscore	1936	210	--	--
7	16 miles northwest	S. C. Hutchinscn	--	1927	130	16	0.5
8	do.	do.	--	1927	--	16	0.8
9	do.	M. Malouf	--	--	--	--	--
10	15½ miles northwest	S. C. Hutchinson	--	1927	--	--	1.3
11	do.	do.	--	--	--	--	0
12	do.	do.	--	1927	--	--	1.0
13	do.	do.	--	1927	--	--	1.5
14	15 miles northwest	do.	--	1927	130	16	--
15	14½ miles northwest	do.	--	1927	100	16	0.5
16	15½ miles northwest	L. W. Guthrie	--	1941	60	6	0.8
17	15 miles northwest	do.	--	Old	51	4½	0.4
18	14 miles northwest	E. F. Witten	G. Garms	1935	210	21	1.5
19	do.	G. D. Lewellen	--	1945	--	--	1.0
20	13½ miles northwest	Thomas Lewellen	Green Machinery Co.	1933	201	14	--
21	15½ miles northwest	J. L. Dorsett	--	--	83	--	0.3

a/ Measuring point is usually above ground at top of casing, pump base, pipe clamp or well curb. If below ground the figures are preceded by a minus (-) sign.

b/ T, turbine; Cf, centrifugal; C, cylinder; E, electric; G, gasoline; O, diesel or oil; Ng, natural gas; W, windmill; H, hand. Number indicates horsepower.

Chemical analyses of water from most of these wells 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	63.9	Nov. 30, 1937	T,G, 85	Irr	Casing: 14-inch to 12-inch. Pump set at 100 feet, 8-inch column. Drawdown 50
2	d/20	--	T,G, 50	Irr	Pump set at [] feet, reported in 1937. 50 feet, 10-inch column. Yield 1,500 gallons a minute, reported in 1937.
3	64.6	Oct. 6, 1937	T,G, 85	Irr	No casing. Pump set at 110 feet, 10-inch column, 12 feet of screen. Yield 1,250 gallons a minute reported in 1937.
4	d/60	--	T,G, 85	Irr	Casing: 15 $\frac{1}{2}$ -inch to 12 $\frac{1}{2}$ -inch. [See log.] Pump set at 110 feet, 8-5/8-inch column. Yield 1,300 gallons a minute reported in 1937. "Red Beds" reported at 210 feet.
5	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 100 feet, 10-5/8-inch column. See log.
6	--	--	T,G, 100	Irr	Pump set at 100 feet, 9-inch column. Yield 850 gallons a minute reported in
7	58.1	Sept. 1, 1937	T,G, 85	Irr	Casing: 16-inch, set from 58 to [] 1937. 130 feet. Yield 450 gallons a minute,
8	53.0	do.	None	N	Cased from 53 feet [] reported in 1937. to bottom of well, 16-inch.
9	--	--	T,G, 95	Irr	
10	23.8	Sept. 1, 1937	None	N	
11	39.9	Feb. 23, 1945	C,W	N	
12	41.0	Sept. 1, 1937	None	N	
13	21.3	do.	None	N	
14	d/52.0	--	T,G, 85	Irr	Casing: 16-inch, 63 to 130 feet, perforated. Pump set at 70 feet, 10-inch column. Yield 1,200 gallons a minute
15	57.3	Aug. 19, 1937	None	N	Casing: 16-inch. [] reported in 1937.
16	47.5	Nov. 13, 1941	G,W	D,S	Replaces old well.
17	44.4	Oct. 11, 1937	None	N	
18	73.6	Aug. 14, 1937	T,G, 62	Irr	Casing: 21 to 18-inch, perforated. Measured yield 1,725 gallons a minute in 1937. "Red Beds" at 200 feet.
19	81.7	Nov. 1, 1945	--	--	New well. Pump to be installed.
20	d/64	--	T,G, 47	Irr	Casing: 47 feet of 14-inch; 63 feet of 12 $\frac{1}{2}$ -inch; 61 feet of 10-inch; no casing in top 30 feet. Pump set at 96 feet. Yield 825 gallons a minute reported in
21	72.9	Oct. 11, 1937	C	S	[] 1937.

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

d/ Water level reported.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
22	16 $\frac{1}{2}$ miles northwest	E. D. Smith	---	1937	95	---	0.5
23	18 miles northwest	Sam E. Clark	G. Garms	1936	222	18	---
24	do.	L. R. Vaughn	Green Machinery Co.	1935	196	15	3.0
25	do.	T. F. Moss	do.	1937	209	16	3.2
26	19 miles northwest	Hugh Alexander	A. W. Fish	1945	200	16	---
27	17 miles northwest	L. V. Howell	Green Machinery Co.	1937	200	16	5.0
28	16 $\frac{1}{2}$ miles northwest	George Reddinger	Dale Smith	1945	210	18	---
29	14 $\frac{1}{2}$ miles northwest	Simmon Cannon	Bradford Supply Co.	1939	243	13	---
30	15 miles northwest	Floyd Coleman	Dale Smith	1945	208	---	---
31	14 miles northwest	West Side School	---	---	50	---	.5
32	13 $\frac{1}{2}$ miles northwest	Harley L. Riddle	H. P. Price	1942	200	15	---
33	12 $\frac{1}{2}$ miles northwest	E. T. Hines	J. C. Cock	1936	216	19 $\frac{1}{2}$	1.2
34	12 miles northwest	J. L. Shropshire	do.	1935	213	16	---
35	do.	J. E. Shropshire	Green Machinery Co.	1937	204	16	---
36	12 $\frac{1}{2}$ miles northwest	G. D. Lewellen	---	1934	202	15	.4
37	do.	do.	---	---	75	4 $\frac{1}{2}$	0.0
38	10 miles northwest	E. H. Kirkoff	Exploration Co. of Texas	1928	3,800	---	---
39	13 $\frac{1}{2}$ miles northwest	W. L. Hurt	---	---	61	---	1
40	16 $\frac{1}{2}$ miles northwest	J. A. Johnson	---	1930	84	5	.5
41	do.	do.	Green Machinery Co.	1941	202	16	---

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
22	78.2	Oct. 11, 1937	C,W	D,S	
23	d/84	--	T,G, 85	Irr	Casing: 89 feet of 18-inch; 120 feet of 16-inch; 113 feet of 14-inch. Pump set at 108 feet, 8-inch column. Yield 850 gallons a minute reported in 1937. "Red
24	90.6	Aug. 31, 1937	T,G, 50	Irr	Casing: 40 feet of "Red Beds" at 222 feet. 15-inch; 40 feet of 12-inch; 55 feet of 11-inch. Yield 1,200 gallons a minute reported in 1937. "Red Beds" reported
25	86.9	do.	T,G, 80	Irr	Casing: 16-inch 222 feet. See log. to 14-inch, perforated, Yield 800 gallons a minute reported in 1937.
26	d/81	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 100 feet. 10-inch column. Water sands reported
27	69.8	Oct. 11, 1937	T,G, 85	Irr	Casing: 16- between 117 and 200 feet inch to 14-inch. Pump set at 108 feet. Yield 800 gallons a minute reported in
28	d/70	--	T,G, 120	Irr	Casing: 18-inch, shutter type 1937. perforated. Pump set at 120 feet, 10-5/8-inch column. Water sand at 210
29	--	--	T,G, 85	Irr	Casing: 13-inch, 80 feet plain, feet. 163 feet perforated. Pump set at 110 feet, 8-5/8-inch column. See log.
30	d/70	--	T,G, 120	Irr	Casing: 16-inch, shutter type screen. Pump set at 120 feet, 10-5/8-inch column.
31	49.5	Oct. 18, 1937	C,W	D	Water sand at 208 feet.
32	d/70	--	T,G, 100	Irr	Casing: 15-inch, 148 feet perforated. Pump set at 100 feet; 9-inch column.
33	92.6	Sept. 1, 1937	T,G, 55	Irr	Casing: 60 feet of 19 1/2-inch; See log. 40 feet of 15 1/2-inch; 52 feet of 12 1/2-inch; 38 feet of 10-inch; 37 feet of 8-inch; no casing in top 30 feet. Yield 1,000 gallons a minute reported in 1937.
34	d/89	--	T,G, 50	Irr	Casing: 60 feet of 16-inch; See log. 100 feet of 14-inch; 30 feet of 8-inch. Yield 800 to 900 gallons a minute, reported in 1937. "Red Beds" at 213 feet.
35	--	--	T,G, 85	Irr	Casing: 16-inch perforated. Yield 1,000 gallons a minute reported in 1937.
36	77.5	May 19, 1936	T,G, 100	Irr	Casing: 15-inch. Yield 800 gallons a minute reported in 1937. See log.
37	66.1	do.	C,W	F	
38	--	--	--	N	Oil test. See log.
39	51.4	Nov. 6, 1937	C,W	D,S	
40	72.7	do.	C,W	D,S,	
41	d/62	--	T,G, 45	Irr	Casing: 16-inch. Pump set at 108 feet, 8-5/8-inch column. See log.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
42	17 miles northwest	Allen Kigler	---	1945	190	14	---
43	15½ miles northwest	Tom Crutchfield	Green Machinery Co.	1940	208	16	---
44	do.	P. D. Hammer	do.	1941	240	16	---
45	14 miles northwest	H. W. Kirchoff	H. P. Price	1942	200	15	---
46	14½ miles northwest	Jack Clark	Green Machinery Co.	1943	200	16	---
47	15½ miles northwest	W. M. Cornelius	do.	1941	240	16	---
48	15 miles northwest	Mrs. Cora Ball	do.	1940	176	16	1.0
49	14 miles northwest	G. Clark	A. W. Fish	1945	195	16	---
50	do.	Randolph and LaFont	Green Machinery Co.	1941	208	16	---
51	16 miles northwest	W. H. O'Harron	M. A. Patton	1940	250	15½	---
52	15½ miles northwest	J. L. Dorsett	---	1945	---	15	1.0
53	do.	Mrs. -- Lambert	---	1943	208	13	---
54	do.	M. T. Wilkerson	---	1944	200	---	1.2
55	16½ miles northwest	Ed Smith	---	1939	251	16	---
56	do.	Harold La Font	Green Machinery Co.	1944	223	16	---
57	19½ miles northwest	Eads and Dodd	do.	1940	215	16	---
58	19 miles northwest	I. L. Loftis	M. A. Patton	1938	206	14	---
59	18½ miles northwest	E. A. Loftis	Geo. Taylor	1939	217	14	---
60	19½ miles northwest	G. H. Phillips	-- Garmes	1944	89	16	---
61	21 miles northwest	W. R. Norfleet	do.	1944	130	14	---
62	20½ miles northwest	J. W. Davenport	---	1941	200	16	---
63	do.	Emil Serley	Davis and Greene	1945	200	---	---
64	20 miles northwest	Martin Phillips	J. W. Altman	1943	169	16	---
65	do.	G. M. Phillips	---	1942	165	16	---

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
42	d/72	--	T,G, 85	Irr	Casing: 14-inch. Pump set at 120 feet, 8-inch column.
43	--	--	T,G, 85	Irr	Casing: 16-inch, 64 feet plain, 144 feet shutter type screen. Pump set at 96 feet, 8-5/8-inch column. See log.
44	d/68	--	T,G, 95	Irr	Casing: 16-inch. Pump set at 108 feet, 10-5/8-inch column.
45	--	--	T,G, 95	Irr	Casing: 15-inch. Lower 158 feet perforated. Pump set at 100 feet, 9-inch column. See log.
46	--	--	T,G, 85	Irr	Casing: 16-inch perforated. Pump set at 100 feet, 10-5/8-inch column. See log.
47	--	--	T,G, 95	Irr	Casing: 16-inch. Pump set at 96 feet, 10-5/8-inch column. See log.
48	d/71	--	T,G, 28	Irr	Casing: 16-inch; 64 feet plain; 112 feet shutter type screen. Pump set at 100 feet, 8-inch column. See log.
49	--	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 110 feet; 10-inch column.
50	d/78	--	T,G, 95	Irr	Casing: 16-inch. Pump set at 120 feet, 8-5/8-inch column.
51	d/70	--	T,G, 95	Irr	Casing: 15 1/8-inch; 70 feet plain; 182 feet perforated. Pump set at 100 feet, 9-inch column.
52	78.3	Dec. 13, 1945	--	--	Casing: 15-inch. Pump to be installed.
53	--	--	--	--	
54	77.1	Nov. 1, 1945	T,G, 85	Irr	Pump set at 120 feet, 8-inch column.
55	--	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 108 feet.
56	--	--	T,G, --	Irr	Casing: 16-inch, perforated. Pump set at 90 feet, 10-5/8-inch column. See log.
57	d/81	--	T,G, 100	Irr	Casing: 16-inch, set 208 feet, 48 feet plain, 160 feet perforated. Pump set at 120 feet, 8-5/8-inch column. See log.
58	d/70	--	T,G, 85	Irr	Casing: 14-inch to 12-inch, perforated. Pump set at 110 feet, 8-5/8-inch column.
59	d/70	--	T,G, 85	Irr	Casing: 14-inch. Yield 1,000 gallons a minute, reported in 1939. Pump set at 110 feet, 8-5/8-inch column.
60	d/67	--	T,G, 120	Irr	Casing: 16-inch to 14-inch. Pump set at 100 feet, 10-inch column.
61	d/70	--	T,G, 120	Irr	Casing: 14-inch to 12-inch. Pump set at 90 feet, 10-inch column.
62	--	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 100 feet, 8-inch column.
63	--	--	T,G, --	Irr	Casing: set to 140 feet. Pump set at 120 feet, 10-inch column. Water sand reported at 200 feet.
64	d/67	--	T,G, 120	Irr	Casing: 16-inch to 14-inch. Pump set at 110 feet, 10-inch column.
65	--	--	--	--	Casing: 16-inch. Pump to be installed.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
66	20 miles northwest	Bob Crenshaw	Earl Crabble	1945	208	--	--
67	18 $\frac{1}{2}$ miles northwest	E. F. Witten	Green Machinery Co.	1941	202	16	--
68	do.	Tom Bostic	Dave Longbours	1939	155	15	.6
69	do.	Vil C. Gunter	M. A. Patton	1933	206	13	--
70	13 miles northwest	Tom Bostic	Green Machinery Co.	1945	161	16	--
71	do.	J. V. Daily	do.	1943	210	16	--
72	18 $\frac{1}{2}$ miles northwest	Lloyd Thompson	Taylor Gibbons	1943	200	16	--
73	17 $\frac{1}{2}$ miles northwest	Slim Robertson	Davis and Greene	1945	195	16	--
74	do.	do.	do.	1945	183	16	--
75	17 miles northwest	C. R. Spann	--	1938	210	13	--
76	do.	do.	Green Machinery Co.	1943	208	16	--
77	18 miles northwest	J. O. Bass	--	1940	208	16	--
78	17 $\frac{1}{2}$ miles northwest	do.	L. P. Davis and Sons	1945	200	16	--
79	18 miles northwest	do.	Green Machinery Co.	1941	200	16	--
80	17 miles northwest	do.	do.	1943	210	16	--
81	do.	S. E. Curry	A. W. Fish	1945	202	16	1
82	16 miles northwest	Jones Goode	Green Machinery Co.	1944	210	16	1.2
83	13 $\frac{1}{2}$ miles northwest	Albert Painter	do.	1943	210	16	--
84	do.	Mary Hudson	J. M. Kingery	1937	220	10	--
85	do.	G. D. Lewellen	Dale Smith	1945	224	16	--
86	13 miles northwest	R. V. Craig	-- Green	1940	224	16	--
87	13 $\frac{1}{2}$ miles northwest	Tom Lewellen	Green Machine y Co.	1943	220	16	--
88	12 miles northwest	Frank Clark	-- Green	1940	228	16	--

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
66	--	--	T,G, 120	Irr	Casing: shutter type screen. Pump set at 120 feet, 10-5/8-inch column. See log.
67	d/65	--	T,G, 95	Irr	Casing: 16-inch, lower 160 feet perforated. Pump set at 108 feet, 10-5/8-
68	66.9	Oct, 26, 1939	T,G, 95	Irr	Casing: 15-inch inch column. See log. to 10-inch. Reported yield 1,000 gallons a minute. Pump set at 90 feet, 8-5/8-
69	--	--	T,G, 85	Irr	Casing: 146 feet of 13- inch column. inch; 52 feet of 10-inch, perforated. Pump set at 100 feet, 8-5/8-inch column.
70	--	--	T,G, 120	Irr	Casing: 16-inch, perforated. See log. Pump set at 90 feet, 10-5/8-inch column.
71	--	--	T,G, 120	Irr	Casing: 16-inch, perforated See log. below 67 feet. Pump set at 100 feet,
72	--	--	T,G, 120	Irr	Casing: 16- 10-inch column. See log. inch. Pump set at 110 feet, 10-inch
73	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at column. 120 feet, 10-inch column. Water sand
74	--	--	T,G, 120	Irr	Casing: 16-inch. reported at 200 feet. Pump set at 120 feet, 10-inch column. Water sand reported at 185 feet.
75	--	--	T,G, 50	Irr	Casing: 13-inch to 10-inch, 150 feet perforated. Pump set at 110 feet, 8-5/8-
76	--	--	T,G, 85	Irr	Casing: 16-inch. See log. inch column.
77	d/65	--	T,G, 95	Irr	Casing: 16-inch, 64 feet plain, 144 feet shutter type screen. Pump set at 96 feet, 10-5/8-inch column. See log.
78	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 120 feet.
79	--	--	T,G, 95	Irr	Casing: 16-inch. Pump set at 96 feet, 10-5/8-inch column. See log.
80	--	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 100 feet, 10-5/8-inch column. See log.
81	60	Oct. 31, 1945	--	--	Casing: 16-inch, 150 feet perforated. Pump to be installed. Water sand re-
82	50.2	do.	T,G, 100	Irr	Casing: 16-inch. ported at 201 feet. perforated. See log.
83	d/65	--	T,G, 100	Irr	Casing: 16-inch, perforated. Pump set at 108 feet, 8-5/8-inch column. See log.
84	d/65	--	T,G, 85	Irr	Casing: 10-inch. Pump set at 112 feet,
85	--	--	T,G, 120	Irr	Casing: 16-inch, shutter type screen. Pump set at 120 feet, 10-5/8-inch column.
86	--	--	T,G, 95	Irr	Casing: 16-inch, 64 feet plain, 160 feet perforated. Pump set at 108 feet,
87	d/78	--	T,G, 90	Irr	Casing: 10-5/8-inch column. See log. 16-inch, perforated below 72 feet. Pump set at 110 feet, 10-5/8-inch column. See
88	d/89	--	T,G, 95	Irr	Casing: 16-inch, 84 feet plain, log. 144 feet perforated. Pump set at 120 feet, 8-5/8-inch column. See log.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
89	11½ miles northwest	T. W. Ashburn	Dale Smith	1945	208	--	2.0
90	11 miles northwest	W. A. Farran	A. W. Fish	1944	200	--	--
91	10 miles northwest	E. H. Kirchoff	Bradford Supply Co.	1938	--	--	1.2
92	15½ miles northwest	L. W. Guthrie	Green Machinery Co.	1944	240	16	1.0
93	14½ miles northwest	R. A. McAlister	J. W. Altman	1943	196	16	--
101	17 miles northwest	E. M. Carter	Baker Pump Co.	1937	345	16	--
102	16 miles north	Ed Duvall	--	--	--	4½	0.0
103	15½ miles north	Carl Meyer	Green Machinery Co.	1934	204	16	2.0
104	14½ miles north	W. A. Painter	C. Mangum	1937	186	16	--
105	13½ miles north	T. L. & D. Co.	M. A. Patton	1937	280	24	0.7
106	do.	D. Hefflefinger	Green Machinery Co.	1944	240	16	--
107	14 miles northwest	A. J. Duerksen	Peerless Pump Co.	1937	200	14	1.5
108	14 miles north	H. Lloyd	--	1937	--	--	--
109	13½ miles northwest	Ed Kiser	-- Bartlett	1936	204	16	--
110	13 miles northwest	J. W. Mayo	--	1938	200	--	--
111	12½ miles north	E. H. Huff	T. L. & D. Co.	1916	272	24	1.0
112	do.	C. Zelner	--	Old	72	4½	.8
113	12 miles northwest	H. L. Gunter	D. Loughborough	1936	200	16	--
114	12½ miles northwest	W. M. Turner	Cook and Pate	1935	185	--	--
115	13 miles northwest	H. L. Gunter	--	--	--	--	0.0
116	do.	do.	Cook and Pate	1937	200	20	--
117	11½ miles northwest	J. E. Skaggs	Pate-Bradford Supply Co.	--	203	15	2.0

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
89	73.5	Nov. 1, 1945	T,G, --	Irr	Casing: 16-inch, shutter type screen. See log.
90	--	--	T,G, 85	Irr	Pump set at 100 feet, 8-inch column.
91	82.1	July 18, 1940	T,G, 85	Irr	Pump set at 120 feet, 8-5/8-inch column.
92	57.4	Apr. 2, 1942	T,G, 95	Irr	Casing: 16-inch. Pump set at 96 feet, 10-5/8-inch column. See log.
93	--	--	T,G, --	Irr	Casing: 16 to 14-inch. Pump set at 100 feet, 10-inch column.
101	--	--	T,G, 85	Irr	Casing: 16-inch to 12-inch, 96 feet shutter type screen. Pump set at 108 feet.
102	49.5	Feb. 28, 1942	None	N	
103	48.6	Apr. 24, 1936	T,G, 103	Irr	Casing: 16-inch to 60 feet. Yield 900 gallons a minute reported in 1936.
104	d/46	--	T,G, 80	Irr	Casing: 16-inch, to 120 feet, perforated. Yield 1,000 gallons a minute reported in 1937.
105	52.2	July 28, 1937	T,G, 60	Irr	Casing: 104 feet, 1937. Pump set at 80 feet, 24-inch; 178 feet, 13 1/2-inch, perforated. Yield 1,178 gallons a minute reported in 1937.
106	d/51	--	T,G, 120	Irr	Casing: 16-inch, perforated. Pump set at 100 feet, 10-5/8-inch column. See log.
107	55.9	Aug. 12, 1937	T,G, 40	Irr	Casing: 14-inch, perforated. Yield 1,300 gallons a minute reported in 1937. Pump set at 100 feet, 8-5/8-inch column.
108	--	--	T,G, 85	Irr	Yield 800 gallons a minute reported in 1937.
109	--	--	T,G, 85	Irr	Casing: 16-inch to 14-inch, perforated below 50 feet. Yield 800 gallons a minute reported in 1937. "Red Beds" at 200 feet.
110	--	--	T,G, 120	Irr	
111	48.0	Apr. 12, 1938	T,G, --	Irr	Casing: 24-inch to 13-inch. Yield 935 gallons a minute reported in 1937. Pump set at 90 feet, 10-inch column.
112	52.1	Feb. 28, 1942	None	N	
113	d/65	--	T,G, 60	Irr	Casing: 20-inch to 16-inch. Yield 1,000 gallons a minute reported in 1937, with 40 feet drawdown. Pump set at 94 feet, 9-inch column.
114	--	--	T,G, 85	Irr	Yield 1,100 gallons a minute reported in 1937. Pump set at 100 feet, 10-inch column.
115	53.2	Apr. 25, 1936	C,W	N	
116	--	--	T,G, 85	Irr	Casing: 20-inch, set at 80 feet. Yield 800 gallons a minute reported in 1937. Pump set at 90 feet, 8-inch column.
117	62.0	Mar. 5, 1940	T,G, 80	Irr	Casing: 15-inch, perforated below water level. Yield 1,000 gallons a minute reported in 1942. Pump set at 160 feet, 8-5/8-inch column.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
118	11 miles north	R. E. Dennis	Green Machinery Co.	1936	200	--	--
119	10 $\frac{1}{2}$ miles north	Olin Williams	--	1944	--	--	--
120	11 miles north	G. H. Saigling	--	--	--	--	0.0
121	10 miles north	Mrs. G. W. Stames	W. M. Stames	1928	175	--	--
122	9 $\frac{1}{2}$ miles north	J. B. Cardwell	-- Fish	1945	240	16	--
123	10 $\frac{1}{2}$ miles northwest	L. C. Wayland	--	1915	280	12	.5
124	9 $\frac{1}{2}$ miles northwest	J. F. Watson	--	Old	69	--	.2
125	do.	E. E. Clark	--	--	--	4 $\frac{1}{2}$	1.0
126	12 $\frac{1}{2}$ miles north	Running Water School	--	--	--	4 $\frac{1}{2}$	--
127	do.	C. E. Tipps	--	1944	208	16	--
128	do.	Clarence Parker	Green Machinery Co.	1940	--	--	--
129	15 miles northwest	B. C. Goree	--	1944	202	16	--
130	15 $\frac{1}{2}$ miles northwest	Tom Carter	--	--	174	16	--
131	do.	do.	S. E. Curry	--	202	16	--
132	17 miles northwest	R. B. Jordan	--	1945	203	16	--
133	15 miles north	J. Q. Finney	--	1944	205	14	--
134	14 $\frac{1}{2}$ miles northwest	do.	--	1945	235	14	--
135	do.	Les Guthrie	--	1944	230	16	--
136	do.	L. W. Guthrie	Green Machinery Co.	1944	208	18	--
137	14 miles northwest	-- Goode	do.	1944	200	18	--
138	15 miles north	W. A. Painter	--	1945	200	16	--
139	14 $\frac{1}{2}$ miles north	do.	A. W. Fish	1945	197	16	--
140	15 miles north	Gene Harris	Green Machinery Co.	1944	220	16	--
141	do.	J. V. Johnson	do.	1943	202	16	--
142	14 $\frac{1}{2}$ miles north	--	--	--	--	--	--
143	14 miles north	Willis W. Davis	Taylor Gibbons	1943	200	16	--

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
118	d/60	--	T,G, 85	Irr	Yield 815 gallons a minute measured in 1937.
119	--	--	T,G, 80	Irr	
120	40.6	Aug. 10, 1938	C,W	S	
121	d/21	--	T,G, 80	Irr	Yield 1,200 gallons a minute reported in 1937. Not in use.
122	--	--	T,G, --	Irr	Casing: 16-inch, 180 feet perforated. Pump set at 100 feet, 10-inch column.
123	59.8	Apr. 21, 1936	T,G, 85	Irr	Well redrilled. Yield 700 gallons a minute reported in 1936.
124	57.7	Dec. 1, 1939	C,W	S	
125	79.5	June 6, 1932	C,W	S	
126	--	--	C,W	N	
127	--	--	T,G, --	Irr	Casing: 16-inch. Pump set at 100 feet, 10-inch column.
128	d/52	--	T,G, 80	Irr	Pump set at 84 feet, 10-5/8-inch column.
129	d/57	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 100 feet, 10-inch column.
130	d/52	--	T,G, 120	Irr	Casing: 16-inch. Yield 1,500 gallons a minute reported in 1945. Pump set at
131	--	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 90 feet, 10-inch column.
132	d/60	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 110 feet, 10-inch column.
133	d/50	--	T,G, 85	Irr	Casing: 14-inch. Pump set at 110 feet, 9-inch column.
134	d/48	--	T,G, 85	Irr	Casing: 14-inch. Pump set at 120 feet, 8-inch column.
135	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 110 feet, 10-inch column.
136	--	--	T,G, 150	Irr	Casing: 18-inch, perforated. Pump set at 90 feet, 10 ³ / ₄ -inch column. See log.
137	--	--	T,G, 120	Irr	Casing: 18-inch. Pump set at 110 feet, 10-inch column.
138	d/46	--	T,G, 80	Irr	Casing: 16-inch. Pump set at 100 feet, 9-inch column.
139	d/48	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 90 feet, 10-inch column.
140	--	--	T,G, --	Irr	Casing: 16-inch, perforated. Pump set at 120 feet, 8-5/8-inch column. See log.
141	--	--	T,G, --	Irr	Casing: 16-inch, perforated below 58 feet. Pump set at 90 feet, 10-5/8-inch
142	--	--	T,G, 85	Irr	column. See log.
143	--	--	T,G, --	Irr	Casing: 16-inch. Pump set at 100 feet, 10-inch column.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	height of measuring point above ground (ft.) a/
144	13 miles north	W. D. Herring	W. O. Tye	1943	215	15	--
145	13½ miles north	J. W. Gunter	-- Tarkington	1940	200	18	1.0
146	13½ miles northwest	J. A. Lindsey	--	1940	200	--	--
147	14 miles northwest	L. T. Mayhugh	--	--	--	--	--
148	do.	do.	Green Machinery Co.	1944	220	16	--
149	15 miles northwest	Lloyd Phillips	--	1940	200	--	--
150	13 miles northwest	D. R. Howell	--	1943	225	14	--
151	12 miles northwest	Earl Dodd	--	1944	--	--	--
152	12½ miles northwest	C. F. Tipps	-- Grimes	1941	200	16	--
153	12½ miles northwest	C. C. Taylor	Green Machinery Co.	1938	200	16	--
154	do.	Winfred Smith	do.	1939	238	16	--
155	9½ miles northwest	Frank Clark	do.	1941	230	16	--
156	do.	L. P. Barker	do.	1941	232	16	--
157	11 miles northwest	G. C. Brown	Campbell and Fish	1937	250	14	--
158	10½ miles northwest	Cecil Watson	H. P. Price	1940	216	15	--
159	12 miles northwest	J. W. Gunter	--	1945	200	16	--
160	12 miles north	E. H. Huff	-- Davis	1943	190	16	--
161	do.	F. B. Hunt	Green Machinery Co.	1942	224	16	--
162	12½ miles north	Henry Harper	do.	1944	210	16	--
163	12 miles north	S. E. Curry	Bud Gibbons	1941	200	16	2.1
164	do.	do.	Bradford Supply Co.	1939	172	16	2.5
165	do.	A. B. Tarwater	Green Machinery Co.	1938	232	--	1.0
166	11½ miles north	Carl Belk	--	1944	150	16	--
167	10 miles north	J. D. Webb	--	1939	--	--	--

Well	WATER	LEVEL	Method of lift b/ c/	Use of water e/	Remarks
	Below land surface (ft.)	Date of measurement			
144	--	--	T,G, --	Irr	Casing: 15-inch. Pump set at 100 feet, 9-inch column. See log.
145	53.0	July 29, 1940	T,G, 100	Irr	Casing: 18-inch to 12 ³ / ₄ -inch. Pump set at 100 feet, 10-inch column.
146	--	--	T,G, 100	Irr	Pump set at 80 feet, 9-inch column.
147	d/45	1938	--	Irr	
148	d/58	--	T,G, --	Irr	Casing: 16-inch, perforated. Pump set at 100 feet, 10-5/8-inch column. See
149	--	--	T,G, 100	Irr	Pump set at 90 feet, 9-inch column. log,
150	--	--	T,G, 120	Irr	Casing: 14-inch. Pump set at 175 feet.
151	--	--	T,G, 100	Irr	
152	--	--	T,G, 80	Irr	Casing: 16-inch. Pump set at 100 feet, 10-inch column.
153	d/63	--	T,G, 100	Irr	Casing: 16-inch, 150 feet; 12-inch, 50 feet. Reported drawdown 93 feet after 30 days pumping. Pump set at 96 feet.
154	d/62	--	T,G, 95	Irr	Casing: 16-inch, 64 feet plain; 174 feet shutter type screen. Pump set at 108 feet, 10-5/8-inch column. See log.
155	d/82	--	T,G, --	Irr	Casing: 16-inch, 176 feet shutter type screen. Pump set at 108 feet, 10-5/8-
156	--	--	T,G, 120	Irr	Casing: 16-inch, inch column. See log. 160 feet, shutter type screen. Pump set at 100 feet, 10-5/8-inch column. See log.
157	d/38	--	T,G, 85	Irr	Casing: 14-inch. Pump set at 100 feet.
158	d/48	--	T,G, 100	Irr	Casing: 15-inch, perforated. Pump set at 100 feet, 9-inch column. See log.
159	--	--	T,G, --	Irr	Casing: 16-inch, 138 feet perforated. Pump set at 90 feet, 10-inch column. Water sands reported at 200 feet.
160	--	--	T,G, 80	Irr	Casing: 16-inch. Pump set at 80 feet, 8-5/8-inch column.
161	--	--	T,G, 80	Irr	Casing: 16-inch, perforated below water level. Pump set at 84 feet, 10-5/8-inch
162	--	--	T,G, 85	Irr	Casing: 16-inch, column. See log. perforated. Pump set at 90 feet, 10-5/8-
163	48	Mar. 26, 1943	T,G, 100	Irr	Pump set at 90 inch column. See log. feet, 8-inch column.
164	50.7	Mar. 17, 1940	T,G, 85	Irr	Casing: 16-inch. Pump set at 110 feet, 10-inch column.
165	51.8	Nov. 20, 1939	T,G, 85	Irr	Casing: shutter screen type. Pump set at 86 feet, 9-inch column.
166	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 81 feet.
167	--	--	T,G, 85	Ind	

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
168	9 miles northwest	Paul Barker	Green Machinery Co.	1939	240	16	--
169	16 $\frac{1}{2}$ miles north	Colman Jones	--	1940	--	--	1.0
170	12 $\frac{1}{2}$ miles north	Frank Zeleny	Green Machinery Co.	1946	220	16	--
171	11 miles north	S. A. Haley	Dale Smith	1945	192	15	--
172	8 $\frac{1}{2}$ miles northwest	Lester James	Green Machinery Co.	1941	236	16	1.0
173	9 miles north	C. E. Garrett	do.	1946	200	16	--
174	16 miles north	R. L. Ragsdale	do.	1942	200	16	--
175	16 $\frac{1}{2}$ miles north	do.	do.	1945	190	16	--
201	17 miles north	J. R. Drake	--	--	65	4	1
202	16 $\frac{1}{2}$ miles northeast	T. L. & D. Co.	T. L. & D. Co.	1916	256	26	1.5
203	16 miles northeast	do.	do.	1916	253	24	1.1
204	16 $\frac{1}{2}$ miles northeast	do.	do.	1916	270	24	1.5
205	do.	E. H. Guffee	L. P. Davis	1944	200	16	--
206	17 $\frac{1}{2}$ miles northeast	T. L. & D. Co.	T. L. & D. Co.	1916	165	24	.5
207	do.	J. K. Cruess	Chas. King	1937	186	--	--
208	do.	T. L. & D. Co.	T. L. & D. Co.	1917	265	26	3.3
209	do.	do.	do.	1915	189	24	2
210	18 miles northeast	Dr. M. Howell	do.	1914	206	24	1.5
211	do.	T. L. & D. Co.	do.	1915	223	24	3
212	do.	do.	do.	1914	171	24	1
213	17 $\frac{1}{2}$ miles northeast	do.	do.	1915	204	26	1.2
214	17 miles northeast	do.	do.	1917	256	24	3
215	16 $\frac{1}{2}$ miles northeast	C. I. Kiesling	--	1917	200	72	1

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
168	d/74	--	T,G, 95	Irr	Casing: 16-inch, shutter type screen. Pump set at 96 feet, 10-5/8-inch column.
169	51.5	Aug. 9, 1940	T,G, 100	Irr	
170	--	--	T,G, 95	Irr	Casing: 16-inch, 60 feet plain, 160 feet perforated. Pump set at 84 feet, 10-5/8-
171	d/48	--	T,G, 120	Irr	Casing: 15-inch, inch column. See log. shutter type screen. Pump set at 100 feet, 10-5/8-inch column. See log.
172	72.5	Jan. 17, 1941	T,G, 95	Irr	Casing: 16-inch, 176 feet perforated, Pump set at 96 feet, 10-5/8-inch column.
173	--	--	T,G, 80	Irr	Casing: 16-inch. Pump set at 100 feet, 10-inch column. See log.
174	--	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 96 feet.
175	--	--	T,-	Irr	Pump to be installed.
201	59.1	July 28, 1937	C,W	D,S	
202	68.5	Feb. 27, 1946	T,O, 85	Irr	Casing: 26-inch to 13-inch.
203	64.5	June 21, 1938	T,G, --	Irr	Casing: 24-inch to 13-inch. Pump set at 81 feet.
204	67.1	Sept. 15, 1938	T,O, 45	Irr	Casing: 24-inch to 13-inch. Yield 700 gallons a minute reported in 1937. Pump
205	--	--	T,G, 120	Irr	Casing: 16-inch. set at 86 feet. Pump set at 120 feet, 10-inch column.
206	74.2	Feb. 27, 1946	T,O, 45	Irr	Casing: 26-inch to 13-inch. Yield 1,000 gallons a minute reported in 1937. Pump
207	--	--	T,G, --	Irr	Yield 900 gallons a minute reported in 1937. set at 90 feet.
208	67.4	Feb. 24, 1945	T,G, 85	Irr	Casing: 26-inch to 13-inch. Yield 1,100 gallons a minute reported in 1937.
209	67.0	Sept. 15, 1937	T,G, 95	Irr	Casing: 24-inch to 18-inch. Yield 900 gallons a minute reported in 1937. Pump
210	67.6	Feb. 24, 1945	T,G, 100	Irr	Casing: 24-inch. Pump set at 80 feet. set at 110 feet, 10-inch column.
211	60.2	June 27, 1938	T,O, --	Irr	Casing: 24-inch to 13-inch, screen type. Yield 700 to 800 gallons a minute reported in 1937. Pump set at 90 feet.
212	66.1	Feb. 27, 1946	T,O, 45	Irr	Casing: 24-inch to 13-inch. Yield 800 gallons a minute reported in 1937. Pump
213	60.3	June 21, 1938	T,O, 45	Irr	Casing: 26-inch to 16-inch. set at 85 feet. Yield 800 gallons a minute reported in 1937. Pump set at 75 feet.
214	56.8	Apr. 11, 1938	T,O, 45	Irr	Casing: 24-inch to 13-inch. Yield 1,200 gallons a minute reported in 1937. Pump
215	60.9	Jan. 10, 1939	T,O, 75	Irr	Casing: 72-inch concrete, 0 to 10 feet. Uncased 10 to 58 feet, 75 feet of 19-inch casing. 35 feet. drawdown pumping 1,200 gallons a minute reported in 1937. Pump set at 90 feet.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
216	16½ miles northeast	T. H. Anderson	--	1937	193	--	2
217	16 miles northeast	B. W. Wilks	T. L. & D. Co.	1916	256	24	5
218	do.	T. L. & D. Co.	do.	Old	--	--	1
219	15½ miles northeast	do.	do.	1916	251	24	--
220	15 miles northeast	do.	do.	1916	252	24	3
221	14½ miles northeast	do.	do.	1917	270	24	.3
222	do.	C. B. White	Green Machinery Co.	1937	227	--	--
223	do.	T. L. & D. Co.	T. L. & D. Co.	1916	273	24	1.7
224	15 miles northeast	Lloyd Phillip	Green Machinery Co.	1937	228	--	1
225	15½ miles northeast	C. E. Garrett	-- Bradford	1942	212	16	--
226	do.	W. F. Holland	Earle Crabble	1945	212	--	--
227	15 miles north	R. D. Crawford	--	1936	210	--	--
228	13 miles north	C. E. Carter	--	1937	232	16	1
229	11½ miles north	Mrs. C. D. Phillips	Green Machinery Co.	1939	--	--	3
230	11 miles north	W. C. Hunt	M. A. Patton	1940	232	15	--
231	13 miles northeast	Dick Carter	--	--	--	5	1.7
232	do.	do.	--	1915	--	26	4
233	do.	L. J. Halbert	--	1935	--	--	--
234	14 miles northeast	do.	--	1930	236	24	1
235	do.	A. B. Martin	Green Machinery Co.	1936	160	14	.5
236	do.	Henry J. Freese	M. A. Patton	1936	218	--	--
237	13 miles northeast	Dr. M. Howell	Bradford Supply Co.	1936	200	--	--
238	do.	do.	--	1914	180	26	6.8
239	12½ miles northeast	Homer Rook	--	1934	172	14	--

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
216	62.2	Nov. 19, 1939	T,G, 40	Irr	Drawdown 34 feet. pumping 600 to 700 gallons a minute reported in 1937. Pump
217	63.5	Apr. 25, 1938	T,G, 50	Irr	Casing: 24-inch to 13- set at 90 feet. inch. Yield 1,000 gallons a minute reported in 1937. Pump set at 80 feet,
218	65.4	June 21, 1938	T,G, 40	Irr	Yield 1,150 gallons 8-3/8-inch column. a minute measured in 1937. Pump set at
219	d/53	--	T,G, 40	Irr	Yield 800 gallons a minute 78 feet. reported in 1937. Pump set at 80 feet.
220	57.4	Feb. 24, 1945	T,G, 120	Irr	Casing: 24-inch to 13-inch. Yield 1,200 gallons a minute reported in 1937. Pump
221	52.0	Jan. 4, 1939	T,G, 60	Irr	Casing: 24-inch to 13- set at 79 feet. inch. Yield 1,000 gallons a minute reported in 1937. Pump set at 75 feet.
222	d/50	--	T,G, 95	Irr	Yield 900 gallons a minute reported in 1937. Pump set at 84 feet.
223	56.3	Feb. 27, 1946	T,O, 45	Irr	Casing: 24-inch to 12-inch, screen type. Yield 1,000 gallons a minute reported in 1936. Pump set at 80 feet.
224	56.4	Aug. 7, 1937	T,G, 95	Irr	Drawdown 24 feet. Yield 850 gallons a minute measured in 1939. Pump set at 87
225	d/48	--	T,G, --	Irr	Casing: 16-inch. Yield 1,000 feet. gallons a minute reported in 1942. Pump
226	d/61	--	T,G, 120	Irr	Casing: set at 80 feet, 8-inch column. shutter type screen. Pump set at 110
227	--	--	T,G, 95	Irr	Yield 800 feet, 10-5/8-inch column. gallons a minute reported in 1936. Pump
228	44.8	Aug. 6, 1937	T,G, 95	Irr	Casing: 16-inch. set at 80 feet. Yield 900 gallons a minute reported in
229	48.8	Sept. 6, 1939	T,G, 95	Irr	1937. Pump set at 70 feet.
230	d/40	--	T,G, 85	Irr	Casing: 15-inch, perforated below water level. Pump set at 90 feet, 9-inch
231	46.6	Mar. 5, 1940	None	N	column.
232	50.5	Feb. 24, 1945	T,G, 100	Irr	Yield 906 gallons a minute measured in 1936. Pump set at 100 feet, 10-inch
233	--	--	T,G, 95	Irr	Yield 900 gallons a minute column. reported in 1937.
234	56.7	Aug. 8, 1939	T,G, 120	Irr	Yield 1,125 gallons a minute with 40 feet drawdown, measured in 1939. Pump set at
235	45.1	Apr. 23, 1936	T,G, 95	Irr	Casing: 14-inch to 12-inch, 80 feet. perforated below 40 feet, 27 feet draw-down. Yield 900 gallons a minute reported in 1936. Pump set at 84 feet.
236	d/60	--	T,G, 72	Irr	Yield 1,100 gallons a minute reported in 1937. Solid rock reported from 28 to 131
237	--	--	T,G, 95	Irr	Yield 900 gallons a minute, re- feet. ported in 1939.
238	52.5	Feb. 26, 1946	T,G, 60	Irr	Casing: 26-inch. Yield 1,400 gallons a minute reported in 1937.
239	d/47	--	T,O, 25	Irr	Casing: 14-inch to 10-inch, set from 38 to 172 feet. Yield 750 gallons a minute reported in 1937.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
240	12 $\frac{1}{2}$ miles northeast	J. H. Meyer	J. H. Meyer	1933	102	--	0.0
241	do.	Mrs. J. J. Simpson	-- Wood	1934	198	16	1
242	12 miles northeast	S. D. Ballard	Leo Koger	1941	138	18	--
243	12 $\frac{1}{2}$ miles northeast	Bob Farmer	Green Machinery Co.	1937	154	16	3
244	do.	H. W. Garrett	-- McDonald	1937	150	--	--
245	do.	Bob Farmer	-- Sone	1929	125	--	--
246	11 $\frac{1}{2}$ miles northeast	--	--	--	--	5	.5
247	11 miles northeast	C. T. Douglas	-- Cook	--	150	--	--
248	do.	Dr. W. B. Woodson	--	1915	180	--	0.0
249	do.	--	--	--	--	4 $\frac{1}{2}$.3
250	11 $\frac{1}{2}$ miles northeast	C. E. Tipps	A. W. Fish	1945	223	16	--
251	11 miles northeast	C. A. Simmons	Green Machinery Co.	1943	185	16	--
252	10 miles northeast	J. P. Flake	--	--	--	--	1
253	9 $\frac{1}{2}$ miles northeast	Southland Life Insurance Co.	--	--	--	--	.2
254	10 miles northeast	Claude Downs	J. W. Altman	1944	175	14	--
255	9 $\frac{1}{2}$ miles northeast	G. H. Slaton	--	1910	130	--	0.0
256	8 $\frac{1}{2}$ miles northeast	R. M. Malone	--	Old	--	--	.4
257	9 $\frac{1}{2}$ miles northeast	Dyer Slaton	A. W. Fish	1944	200	16	--
258	9 $\frac{1}{2}$ miles north	Henry Seale	Green Machinery Co.	1944	230	16	--
259	9 miles north	C. S. Ebeling	--	1914	85	--	2.
260	do.	R. M. Malone	J. C. Cook	1934	30	6	1
261	do.	do.	do.	--	25	6	.2
262	10 miles north	Fred Joachim	Green Machinery Co.	1942	230	16	--
263	15 miles northeast	Federal Land Bank	--	1930	60	6	.2
264	15 $\frac{1}{2}$ miles northeast	do.	--	Old	73	6	.2
265	11 $\frac{1}{2}$ miles northeast	J. P. Flake	Carl Mangum	1937	196	16	--

Well	WATER	LEVEL	Method of lift b/	Use of water c/	Remarks
	Below land surface (ft.)	Date of measurement			
240	47.4	Sept.14, 1937	T,G, --	Irr	No casing. Yield 350 gallons a minute reported in 1937. Water sand reported
241	47.9	dc.	T,G, --	Irr	Cased from 44 from 85 to 102 feet. feet to 124 feet. Yield 750 to 800 gallons a minute reported in 1937.
242	--	--	T,E, 25	Irr	Casing: 18-inch. Pump set at 90 feet, 8-inch column.
243	48.7	Sept.14, 1937	T,E, 20	Irr	Casing: 16-inch, perforated. Yield 550 gallons a minute reported in 1937.
244	--	--	T,E, 15	Irr	Yield 600 to 700 gallons a minute reported in 1937.
245	--	--	T,E, 15	Irr	Yield 500 gallons a minute reported in 1937. Pump set at 70 feet.
246	57.6	Feb. 26, 1946	None	N	
247	--	--	T,E, --	Irr	Yield 500 to 600 gallons a minute reported in 1937.
248	49.8	Sept.15, 1938	T,G, --	Irr	
249	49.8	June 24, 1938	None	N	Filled.
250	--	--	T,G, 120	Irr	Pump set at 100 feet. Replaces old well.
251	--	--	T,G, 85	Irr	Casing: 16-inch. Pump set at 80 feet, 8-5/8-inch column. Replaces old well.
252	38	Aug. 10, 1938	None	N	See log.
253	36.2	Apr. 22, 1937	None	N	
254	d/38	--	T,G, 85	Irr	Casing: 14-inch. Pump set at 90 feet. Replaces old well.
255	24.3	Feb. 27, 1946	T,G, 95	Irr	Dug to 29 feet then drilled. Reported as first successful irrigation well in
256	42	Feb. 23, 1945	None	N	Filled. Hale County.
257	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 90 feet, 10-inch column.
258	--	--	T,G, 150	Irr	Casing: 16-inch, perforated. Pump set at 90 feet, 10-5/8-inch column. See log.
259	20.9	Feb. 27, 1946	T,G, 42	Irr	No casing. Yield 1,100 gallons a minute, 25 feet drawdown, measured in 1937.
260	13.3	Aug. 25, 1937	C,W	S	
261	16.5	Dec. 1, 1939	None	N	
262	d/32	--	T,G, 95	Irr	Casing: 16-inch, perforated below water level. Pump set at 84 feet, 10-5/8-inch
263	42.1	July 17, 1937	None	N	column. See log.
264	49.8	Aug. 10, 1938	None	N	
265	--	--	T,G, --	Irr	Casing: 16-inch. Pump set at 90 feet.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
266	13½ miles northeast	Julia C. Crawford	---	1925	51	---	.5
267	14 miles northeast	D. Heffelfinger	---	---	56	4	0.0
268	17 miles northeast	Mrs. W. J. Ray	---	---	70	---	.4
269	16½ miles northeast	C. F. Harris	Green Machinery Co.	1941	208	16	---
270	17½ miles northeast	T. L. & D. Co.	---	---	70	---	.1
271	do.	do.	---	---	70	4	0.0
272	11 miles northeast	City of Plainview	L. A. Feebles	1937	301	18	---
273	do.	do.	do.	1937	301	18	---
274	do.	do.	do.	1937	301	18	---
275	16½ miles north	Earl Garrett	---	1944	---	---	1.2
276	16 miles north	Ben Schultz	Green Machinery Co.	1940	240	16	---
277	do.	Virgil Brown	L. P. Davis	1945	168	16	---
278	15½ miles north	Ranzell Morgan	Green Machinery Co.	1943	210	16	---
279	16 miles northeast	H. O. Pool	Bud Gibbons	1943	200	14	---
280	do.	T. L. & D. Co.	T. L. & D. Co.	---	86	4½	.5
281	16½ miles northeast	--- Bennett	L. P. Davis	1946	200	16	---
282	16 miles northeast	J. W. Himes	J. W. Altman	1944	200	14	---
283	do.	Halbert Bros.	--- Francis	1941	206	16	---
284	15 miles northeast	R. Q. Silverthorne	---	1941	200	16	---
285	14½ miles north	Lester James	Earl Crabble	1945	237	16	---
286	do.	C. E. Carter	Green Machinery Co.	1946	256	16	---
287	do.	G. G. Vernon	do.	1938	200	---	---
288	14 miles north	C. E. Carter	L. P. Davis	1944	200	16	---
289	do.	T. D. Randle	A. W. Fish	1945	199	16	---
290	13½ miles north	C. E. Carter	Green Machinery Co.	1946	256	16	---

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
266	37.7	Oct. 28, 1937	C,W	D,S	
267	41.1	June 21, 1938	C,W	D,S	
268	60.7	Oct. 28, 1937	C,W	D,S	
269	d/58	--	T,G, 150	Irr	Casing: 16-inch, lower 160 feet perforated. Pump set at 120 feet. See log.
270	56.5	Nov. 9, 1937	C,W	D,S	
271	57.9	do.	C,W	D,S	
272	d/47	--	T,E, --	P	Casing: 18-inch to 12-inch. Yield 852 gallons a minute, with 60 feet drawdown
273	d/46	--	T,E, --	P	Casing: 18- reported in 1937. See log. inch to 12-inch. Yield 628 gallons a minute with 60 feet drawdown reported
274	d/44	--	T,E, --	P	Casing: 18-inch to 12-inch. in 1937. Yield 1,086 gallons a minute with 63 feet drawdown reported in 1937.
275	59.6	Oct. 31, 1945	T,G, 105	Irr	
276	d/53	--	T,G, 95	Irr	Casing: 16-inch. Pump set at 84 feet, 10-5/8-inch column. See log.
277	d/60	--	T,G, 85	Irr	Casing: 16-inch. Pump set at 100 feet, 10-inch column.
278	--	--	T,G, 85	Irr	Casing: 16-inch, perforated below 64 feet. Pump set at 90 feet, 10-5/8-inch
279	--	--	T,G, --	Irr	Casing: 14-inch. column. See log. Pump set at 120 feet, 8-5/8-inch column.
280	64	Jan. 4, 1939	C,W	D,S	
281	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 110 feet, 8-inch column.
282	--	--	T,G, 120	Irr	Casing: 14-inch, perforated. Pump set at 100 feet, 10-inch column.
283	d/64	--	T,G, 95	Irr	Casing: 16-inch, perforated below water level. Pump set at 108 feet, 10-5/8-
284	--	--	T,G, --	Irr	Casing: 16-inch. Pump inch column. set at 100 feet, 8-inch column.
285	--	--	T,G, 120	Irr	Casing: 16-inch, shutter type screen. Pump set at 110 feet, 10-5/8-inch column.
286	--	--	--	--	Casing: 16-inch, perforated See log. below water level. Pump to be installed.
287	--	--	T,G, 85	Irr	Pump set at 90 feet.
288	--	--	T,G, 120	Irr	Casing: 16-inch, perforated below water level. Pump set at 110 feet.
289	--	--	T,G, --	Irr	Casing: 16-inch. Pump set at 90 feet, 10-inch column.
290	d/60	--	--	--	Casing: 16-inch, perforated below water level. Pump to be installed.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
291	13 miles north	C. E. Carter	L. P. Davis	1943	200	16	--
292	12 $\frac{1}{2}$ miles north	Lee Scrivener	Green Machinery Co.	1942	225	16	--
293	12 miles north	F. A. Goddard	do.	1942	225	16	--
294	11 $\frac{1}{2}$ miles north	Hubert Donthet	do.	1940	204	16	--
295	10 $\frac{1}{2}$ miles northeast	Claude Downs	A. W. Fish	1945	186	16	--
296	11 $\frac{1}{2}$ miles northeast	Bob Hooper	Earl Crabble	1945	240	16	--
297	do.	E. M. Hatton	L. P. Davis	1944	225	16	--
298	12 miles northeast	H. M. Hamilton	Green Machinery Co.	1941	223	16	--
299	13 $\frac{1}{2}$ miles northeast	E. M. Carter, Jr.	A. W. Fish	1944	250	16	--
300	19 miles northeast	T. L. & D. Co.	--	--	100	--	--
301	18 $\frac{1}{2}$ miles northeast	do.	T. L. & D. Co.	1915	157	24	1.7
302	do.	do.	do.	1916	210	26	--
303	19 miles northeast	do.	do.	1915	159	26	1
304	18 $\frac{1}{2}$ miles northeast	do.	do.	1915	162	24	1
305	do.	do.	--	1917	272	24	.5
306	do.	do.	T. L. & D. Co.	1915	160	24	1.5
307	19 miles northeast	do.	do.	1915	165	16	1.5
308	do.	do.	do.	1916	251	24	1
309	18 $\frac{1}{2}$ miles northeast	do.	do.	1917	271	24	--
310	17 $\frac{1}{2}$ miles northeast	A. A. Huntington	do.	1917	273	24	3
311	17 miles northeast	T. L. & D. Co.	do.	1917	271	24	1
312	do.	E. J. Halbert	--	1937	210	16	1.2
313	do.	Floyd Readheimer	Green Machinery Co.	1936	205	16	1.2
314	16 $\frac{1}{2}$ miles northeast	J. S. Leach	--	--	--	6	.5

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
291	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 110 feet, 10-inch column.
292	d/55	--	T,G, 95	Irr	Casing: 16-inch, perforated below water level. Pump set at 96 feet, 10-5/8-inch column.
293	--	--	T,G, 95	Irr	Casing: 16-inch, perforated below water level. Pump set at 84 feet, 10-5/8-inch column.
294	d/42	--	T,G, 85	Irr	Casing: 16-inch, 160 feet of shutter type screen. Pump set at 90 feet, 9-inch column. See log.
295	--	--	T,G, 85	Irr	Casing: 16-inch. Pump set at 100 feet, 10-inch column.
296	--	--	T,G, 120	Irr	Casing: 16-inch, shutter type screen. Pump set at 100 feet, 10-5/8-inch column.
297	d/60	--	T,G, --	Irr	Casing: 16-inch. Pump set at 110 feet, 10-inch column. See log.
298	d/51	--	T,G, 95	Irr	Casing: 16-inch, perforated below water level. Pump set at 96 feet, 10-5/8-inch column. See log.
299	d/41	--	T,G, 120	Irr	Casing: 16-inch perforated from 40 feet to 140 feet, Pump set at 110 feet.
300	--	--	C,W	D,S	
301	68.5	Sept. 15, 1938	T,O, --	N	Casing: 24-inch to 13-inch, set 145 feet. Yield 1,100 gallons a minute reported in 1915.
302	--	--	T,O, 45	Irr	Casing: 26-inch to 13-inch. Yield 900 gallons a minute reported in 1937. Pump set at 80 feet.
303	85	June 16, 1939	T,O, 45	Irr	Casing: 26-inch to 16-inch. Yield 800 to 900 gallons a minute reported in 1937.
304	65.6	Mar. 1, 1939	T,G, 120	Irr	Casing: 24-inch to 13-inch. Yield 1,000 gallons a minute reported in 1937.
305	76.4	Feb. 27, 1946	T,G, 32	Irr	Casing: 24-inch to 13-inch. Yield 600 gallons a minute reported in 1937.
306	65.7	June 16, 1939	T,O, 45	Irr	Casing: 24-inch to 13-inch. Yield 800 gallons a minute reported in 1937.
307	67.8	Feb. 27, 1946	T,O, 45	Irr	Casing: 16-inch. Yield 900 gallons a minute reported in 1937.
308	61.4	Mar. 1, 1939	T,O, 60	Irr	Casing: 24-inch to 13-inch. Yield 900 gallons a minute reported in 1937.
309	--	--	T,O, 50	Irr	Casing: 24-inch to 13-inch. Yield 800 to 900 gallons a minute reported in 1937.
310	53	June 27, 1938	T,G, --	Irr	Casing: 24-inch to 13-inch. Yield 900 gallons a minute reported in 1937. Pump set at 85 feet.
311	58.7	do.	T,O, 60	Irr	Casing: 24-inch to 10-inch. Yield 993 gallons a minute measured in 1939. Pump set at 80 feet.
312	57.5	June 3, 1937	T,G, 120	Irr	Casing: 16-inch. Yield 800 gallons a minute reported in 1937.
313	57.6	do.	T,G, 95	Irr	Casing: 16-inch to 14-inch. Yield 1,000 gallons a minute reported in 1937. Pump set at 100 feet, 10-5/8-inch column.
314	45.6	Feb. 25, 1942	C,W	N	

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date com- ple- ted	Depth of well (ft.)	Diam- eter of well (in.)	Height of measuring point above ground (ft.) a/
315	15½ miles northeast	Liberty School	--	--	--	4½	--
316	17½ miles northeast	T. L. & D. Co.	T. L. & D. Co.	1916	--	--	3.2
317	18 miles northeast	do.	do.	1916	232	24	1.5
318	20½ miles northeast	Al Sammann	Green Machinery Co.	1940	225	16	--
319	do.	Jim May	D. L. Handley	1936	210	16	--
320	21 miles northeast	-- Basie	Bradford Supply Co.	1945	200	14	--
321	do.	J. A. Richardson	--	--	--	4½	0.0
322	20½ miles northeast	F. V. Brasher	F. V. Brasher	1933	220	--	--
323	20 miles northeast	Paul Williams	Green Machinery Co.	--	224	16	--
324	do.	F. V. Brasher	--	--	--	--	.5
325	do.	Frank Zeleny	Frank Zeleny	1937	150	16	--
326	19½ miles northeast	L. V. Brittain	Holly Frances	1946	200	16	--
327	19 miles northeast	Bill Taegel	Green Machinery Co.	1936	200	15	3
328	17½ miles northeast	R. B. Jordan	A. W. Fish	1946	200	18	--
329	16½ miles northeast	J. S. Russell	--	1944	125	16	--
330	do.	E. H. Cox	--	1913	220	--	1.2
331	18 miles northeast	Perry Wood	--	1915	232	--	--
332	do.	J. E. Rigler	--	1911	210	16	--
333	18½ miles northeast	Perry Wood	Green Machinery Co.	1944	205	16	--
334	19½ miles northeast	Paul Williams	do.	1944	219	16	--
335	20 miles northeast	H. H. Sammann	Cook-Green	1930	200	14	--
336	19½ miles northeast	Earl Miner	--	1914	--	60	0.0
337	20 miles northeast	Bill Taegel	--	1937	202	16	3
338	19½ miles northeast	Dr J. H. Stewart	--	1913	222	--	.2
339	19 miles northeast	C. L. Boedecker	--	1945	233	16	--

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
315	--	--	C,W	P	
316	54.6	Feb. 27, 1946	T,G, --	Irr	
317	56.1	do.	T,O, 50	Irr	Casing: 24-inch to 13-inch. Yield 950 gallons a minute measured in 1939. Pump
318	--	--	T,G, 95	Irr	Casing: 16-inch, set at 79 feet. perforated below 51 feet. Pump set at 110 feet. Replaces old well. See log.
319	--	--	T,G, 120	Irr	Casing: 16-inch perforated. Pump set at 110 feet.
320	--	--	T,G, 120	Irr	Casing: 14-inch. Pump set at 110 feet.
321	64.4	Jan. 24, 1939	C,W	D	
322	--	--	T,G, 95	Irr	Casing: set 90 feet, perforated. Yield 800 gallons a minute reported in 1937.
323	--	--	T,G, 120	Irr	Casing: 16-inch to 12-inch, perforated. Yield 1,000 gallons a minute reported in
324	53.3	May 5, 1936	C,W	D	1937. Pump set at 96 feet.
325	d/65	--	T,G, --	Irr	Casing: 16-inch, perforated. Yield 950 gallons a minute reported in 1937. Pump
326	--	--	--	--	Pump to be installed. set at 100 feet.
327	61.1	Feb. 11, 1944	T,G, 95	Irr	Casing: 15-inch to 12-inch perforated. Yield 900 gallons a minute reported in
328	d/70	--	T,G, 120	Irr	Casing: 18-inch. Pump set 1937. at 95 feet.
329	--	--	T,G, --	Irr	Casing: 16-inch. Pump set at 90 feet, 10-inch column.
330	49.1	Feb. 27, 1946	T,O, 45	Irr	Casing: set 150 feet below pit, perforated. Yield 800 gallons a minute reported in 1937. Pump set at 80 feet.
331	--	--	T,G, 95	Irr	Yield 700 gallons a minute reported in 1937. Pump set at 90 feet.
332	--	--	T,G, 100	Irr	Casing: 16-inch to 12-inch. Yield 1,200 gallons a minute reported in 1937. Pump
333	--	--	T,G, 95	Irr	Casing: 16-inch, per- set at 80 feet. forated. Pump set at 100 feet, 10-inch
334	--	--	T,G, 120	Irr	Casing: 16-inch, per- column. See log. forated. Pump set at 110 feet, 10-5/8-
335	--	--	T,G, 120	Irr	Casing: 16-inch per- inch column. forated. Yield 1,000 gallons a minute reported in 1937. Pump set at 70 feet.
336	43.6	June 19, 1936	T,O, --	N	
337	49.8	Feb. 11, 1944	T,G, 85	N	Casing: 16-inch to 12-inch.
338	51.6	Feb. 28, 1946	T,G, --	Irr	Yield 1,200 gallons a minute, with 20 feet drawdown reported in 1916.
339	--	--	T,G, 95	Irr	Casing: 16-inch. Pump set at 110 feet. Replaces old well.

Records of wells in Hale County --Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
340	19½ miles northeast	Rex Riggs	--	1937	147	--	1.1
341	19 miles northeast	Jim Stewart	Cook and Pate	1937	210	20	--
342	do.	Q. A. Taylor	Green and Davis	1945	202	16	--
343	18½ miles northeast	Walter S. Hoffman	-- Cook	1931	210	14	--
344	18 miles northeast	J. H. Stewart, Jr.	Cook and Pate	1937	220	20	--
345	do.	Brad Cox	J. C. Cook	1935	138	--	--
346	17½ miles northeast	W. B. Seaman	--	--	--	--	.3
347	do.	-- Jackson	Cook and Pate	1937	221	16	--
348	18 miles northeast	-- Brown	Baker Pump Co.	1937	255	16	--
349	do.	Noble Connor	Geo. Anderson	1940	192	16	--
350	17½ miles northeast	-- Crews	Green Machinery Co.	1935	206	--	--
351	do.	D. H. Perkins	--	1940	220	16	--
352	16½ miles northeast	S. R. Jackson	--	--	--	--	.8
353	15½ miles northeast	P. W. Jackson	Green Machinery Co.	1935	226	--	--
354	do.	Brad Cox	J. C. Cook	1935	203	--	--
355	15 miles northeast	C. N. Horne	--	1920	53	--	.5
356	15½ miles northeast	D. L. Alexander	--	--	--	4½	.3
357	14½ miles northeast	G. W. Lewallen	--	1924	60	6	.3
358	12½ miles northeast	Ft. Worth and Denver R.R. Co.	--	1912	230	22	.5
359	13 miles northeast	T. L. & D. Co.	T. L. & D. Co.	1913	247	26	3.5
360	do.	do.	do.	1913	312	26	1.5
361	13½ miles northeast	Lizzie Merryman	Green Machinery Co.	1937	217	16	--
362	do.	J. H. Hadley	--	1930	144	--	--
363	do.	L. M. Faulkner	Green Machinery Co.	1935	176	--	--
364	15 miles northeast	-- McClusky	do.	1937	204	16	--

Well	WATER	LEVEL	Method of lift b/ c/	Use of water c/	Remarks
	Below land surface (ft.)	Date of measurement			
340	42.8	June 1, 1937	T,G, 85	Irr	Yield 900 gallons a minute reported in 1937.
341	--	--	T,G, 95	Irr	Casing: 20-inch to 10-inch, perforated. Yield 900 to 1,000 gallons a minute reported in 1937.
342	d/40	--	T,G, 95	Irr	Casing: 16-inch, perforated. Pump set at 110 feet, 8-inch column.
343	--	--	T,G, 60	Irr	Casing: 14-inch to 12-inch. Yield 1,200 gallons a minute reported in 1937. Pump set at 60 feet.
344	--	--	T,G, 85	Irr	Casing: 20-inch to 16-inch. Yield 1,000 gallons a minute reported in 1937. Pump set at 80 feet, 8-5/8-inch column.
345	--	--	T,G, 85	Irr	Yield 900 gallons a minute reported in 1937.
346	50.8	Feb. 11, 1944	C,W	D,S	
347	--	--	T,G, 95	Irr	Casing: 16-inch, perforated.
348	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 100 feet, 10-inch column.
349	--	--	T,G, 95	Irr	Casing: 16-inch. Yield 800 gallons a minute reported in 1940. Pump set at 110 feet, 9-inch column.
350	d/43	--	T,G, 95	Irr	Yield 750 to 800 gallons a minute reported in 1937.
351	--	--	T,G, 95	Irr	Casing: 16-inch to 14-inch, perforated below water level. Pump set at 80 feet, 8-5/8-inch column.
352	48	June 21, 1938	C,W	D,S	
353	--	--	T,G, 120	Irr	See log.
354	--	--	T,G, --	Irr	Yield 1,000 gallons a minute reported in 1937.
355	42.6	Mar. 11, 1941	C,W	N	
356	45.7	Jan. 3, 1939	None	N	
357	44.3	Mar. 5, 1936	C,W	N	
358	52.4	June 5, 1937	T,G, 32	Irr	Casing: 22-inch. Yield 900 gallons a minute reported in 1937.
359	49.7	Oct. 5, 1937	T,G, --	Irr	Casing: 26-inch to 13-inch. Pump set at 70 feet.
360	49.8	dc.	T,E, --	Irr	Casing: 26-inch to 13-inch. Yield 1,100 to 1,200 gallons a minute reported in 1937. Pump set at 78 feet.
361	d/48	--	T,G, --	Irr	Casing: 16-inch to 14-inch. Yield 1,000 gallons a minute reported in 1937. Pump set at 96 feet.
362	--	--	None	N	
363	d/49	--	T,G, 85	Irr	Yield 857 gallons a minute, with drawdown 28 feet, measured in 1936. Pump set at 73 feet.
364	--	--	T,G, --	Irr	Casing: 16-inch to 14-inch. Yield 800 gallons a minute reported in 1937.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
365	16 miles northeast	W. F. McClusky	Green Machinery Co.	1936	202	16	---
366	15 miles northeast	D. J. Hartley	do.	1936	200	16	---
367	14 $\frac{1}{2}$ miles northeast	L. E. Savage	do.	1943	200	16	---
368	14 miles northeast	Harold La Font	do.	1943	200	16	---
369	14 $\frac{1}{2}$ miles northeast	R. P. Smyth	--	1911	140	--	0.0
370	do.	D. A. Reading	--	--	--	8	.6
371	do.	Earl Allen	--	1934	--	--	1
372	14 miles northeast	Ray Gibson	--	1928	138	--	---
373	14 $\frac{1}{2}$ miles northeast	R. C. Palmer	Green Machinery Co.	1945	212	16	---
374	14 miles northeast	Syd Parker	do.	1944	235	16	---
375	13 $\frac{1}{2}$ miles northeast	E. J. Reiser	--	1941	--	--	---
376	14 miles northeast	C. C. Mallow	Green Machinery Co.	1944	205	--	---
377	13 $\frac{1}{2}$ miles northeast	Gene Aylesworth	J. C. Cook	--	90	--	1.8
378	do.	J. M. Johnson	do.	1930	160	--	---
379	14 miles northeast	-- Day	--	--	--	--	---
380	13 miles northeast	-- McDonald	--	1930	--	--	---
381	do.	Fred Nicklass	-- McDonald	1926	92	--	.3
382	15 miles northeast	G. W. Lewellyn	--	--	52	--	0.0
383	14 $\frac{1}{2}$ miles northeast	H. J. Bontke	-- McEnnis	1945	204	14	---
384	16 $\frac{1}{2}$ miles northeast	Texas Land and Mortgage Co.	--	Old	46	--	.6
385	13 $\frac{1}{2}$ miles northeast	L. M. Faulkner	--	--	65	--	.3
386	14 miles northeast	-- Hoffman	--	--	64	--	.3
387	15 miles northeast	W. A. Lowe	--	1933	49	4	.4
388	15 $\frac{1}{2}$ miles northeast	H. C. Hoyle	Jim Cook	1912	50	8	.4
389	17 $\frac{1}{2}$ miles northeast	C. Jackson	Green Machinery Co.	1946	225	16	---
390	17 miles northeast	Pascal Caldwell	--	--	--	--	---

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
365	--	--	T,G, 95	Irr	Casing: 16-inch to 12-inch. Yield 800 gallons a minute reported in 1937.
366	--	--	T,G, 95	Irr	Casing: 16-inch to 12-inch, perforated. Yield 800 gallons a minute reported in 1937. Pump set at 84 feet.
367	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 90 feet, 10-inch column.
368	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 96 feet, 10-inch column.
369	47.1	June 27, 1938	T,G, --	Irr	
370	48.7	Feb. 27, 1946	C,E, --	Irr	
371	44.6	Sept. 20, 1937	T,G, --	Irr	Yield 700 gallons a minute reported in 1937.
372	--	--	T,G, --	Irr	Pump set at 60 feet.
373	d/54	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 120 feet.
374	--	--	T,G, 30	Irr	Casing: 16-inch, perforated. Pump set at 90 feet. Replaces old well. See log.
375	--	--	T,G, --	Irr	Pump set at 90 feet, 8-inch column.
376	--	--	T,G, 95	Irr	Pump set at 90 feet, 3-5/8-inch column. See log.
377	46.7	Sept. 17, 1937	T,G, 20	Irr	Pump set at 50 feet, 6-inch column.
378	--	--	T,G, 35	Irr	Yield 400 to 500 gallons a minute reported in 1937. Pump set at 40 feet, 6-
379	--	--	C,G, 25	N	inch column.
380	--	--	T,G, 40	Irr	
381	33.1	Oct. 4, 1937	T,G, 40	Irr	No casing. Yield 400 gallons a minute reported in 1937.
382	32.7	Nov. 5, 1937	C,W	D,S	
383	--	--	T,G, 120	Irr	Casing: 14-inch, perforated. Pump set at 100 feet, 10-inch column.
384	42.2	June 21, 1938	C,W	D,S	
385	47	Nov. 6, 1937	C,W	D,S	
386	45.4	do.	C,W	D,S	
387	46	June 21, 1938	C,W	D,S	
388	44.5	do.	C,W	D,S	
389	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 110 feet.
390	--	--	C,W	D,S	

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
391	19 $\frac{1}{2}$ miles northeast	Prairie View School	--	--	--	--	--
392	18 miles northeast	Dick Ray	Green Machinery Co.	1945	200	16	--
393	do.	B. M. Farmer	do.	1945	200	16	--
394	19 $\frac{1}{2}$ miles northeast	C. L. Carter	Finas Moore	1940	164	--	1
395	20 miles northeast	do.	A. W. Fish	1945	200	--	--
396	do.	F. M. Osborn	Green Machinery Co.	1944	210	16	--
397	21 $\frac{1}{2}$ miles northeast	Leo Boedeker	L. P. Davis and Co.	1944	200	16	--
398	22 miles northeast	E. F. Readhiemer	Green Machinery Co.	1944	202	16	--
399	22 $\frac{1}{2}$ miles northeast	H. T. Burns	A. W. Fish	1945	200	16	--
400	10 miles northeast	J. W. Murchison	J. C. Cook	1935	124	--	--
401	do.	J. K. Crews	--	1935	--	--	1.8
402	11 miles northeast	N. R. Johnson	J. C. Cook	1922	39	--	.5
403	do.	--	--	--	28	6	.8
404	9 miles northeast	G. H. Stovall	--	1937	200	15	0.0
405	9 $\frac{1}{2}$ miles northeast	Oscar Hill	--	--	38	6	0.0
406	10 $\frac{1}{2}$ miles northeast	--	--	--	--	48	.4
407	11 $\frac{1}{2}$ miles northeast	W. C. Morris	--	Old	--	--	--
408	11 miles northeast	Leeland Terrell	--	--	--	--	--
409	11 $\frac{1}{2}$ miles northeast	Mary Alexander	--	Old	59	6	0.0
410	12 miles northeast	Fec M. Canear	--	1940	--	16	2.0
411	do.	Mrs. -- Patton	Green Machinery Co.	1936	100	--	--
412	do.	T. L. & D. Co.	Layne and Bewler	1913	280	--	--
413	11 $\frac{1}{2}$ miles northeast	do.	T. L. & D. Co.	1913	276	26	--
414	12 $\frac{1}{2}$ miles northeast	do.	J. W. Thomas	1913	239	26	.5
415	13 miles northeast	do.	T. L. & D. Co.	1913	244	26	--

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
391	--	--	C,W	P	
392	--	--	T,G, 85	Irr	Casing: 16-inch, perforated. Pump set at 110 feet, 8-inch column.
393	--	--	T,G, 120	Irr	Casing: 16-inch, perforated below water level. Pump set at 100 feet. See log.
394	67.8	Sept. 26, 1940	T,G, 95	Irr	No casing. Pump set at 90 feet, 8-inch column.
395	--	--	T,G, 95	Irr	Casing: perforated below 100 feet. Pump set at 120 feet.
396	--	--	T,G, 120	Irr	Casing: 16-inch, perforated. Pump set at 100 feet, 8-5/8-inch column. See log.
397	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 90 feet, 8-inch column.
398	--	--	T,G, 120	Irr	Casing: 16-inch, perforated below water level, with 27 feet drawdown reported. Pump set at 110 feet, 10-inch column.
399	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 100 feet, 8-inch column.
400	--	--	T,E, --	Irr	Yield 900 gallons a minute reported in 1937, 8-inch column.
401	32.5	Sept. 20, 1937	T,G, 35	Irr	Yield 800 gallons a minute reported in 1937.
402	17.9	Aug. 25, 1937	C,G, 40	Irr	No casing. Yield 40 gallons a minute reported in 1937.
403	17.9	Aug. 10, 1938	C,W	--	
404	42.8	Dec. 2, 1945	None	N	Casing: 15-inch, perforated.
405	32.7	Jan. 8, 1938	None	N	
406	39.8	Sept. 20, 1937	T,G, 45	D,S	
407	--	--	T,G, --	Irr	
408	--	--	T,E, --	Irr	
409	30.5	July 27, 1937	None	N	
410	58.9	Nov. 29, 1945	--	N	
411	--	--	T,G, 85	Irr	Yield 650 gallons a minute, reported in 1937.
412	--	--	T,E, 40	Irr	
413	--	--	T,E, 30	Irr	Casing: 26-inch to 16-inch. Pump set at 70 feet, 8-inch column.
414	45.5	May 5, 1936	T,G, 60	Irr	Casing: 26-inch to 16-inch. Yield 1,360 gallons a minute reported in 1936. Pump
415	--	--	T,G, 80	Irr	Casing: 26-inch to 16-inch set at 70 feet, inch. Yield 642 gallons a minute measured in 1937. Pump set at 70 feet.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
416	13 miles northeast	H. V. Tull, Sr.	Peerless Pump Co.	1939	200	14	--
417	13½ miles northeast	--	--	--	--	--	--
418	14½ miles northeast	R. B. Howell	--	--	38	6	1.3
419	15 miles northeast	J. A. Asher	--	1935	194	18	1.2
420	14½ miles northeast	J. B. Howell	George Green	--	180	24	1.5
421	16 miles northeast	A. E. Harris Est.	--	--	--	4½	.4
422	do.	Mrs. J. B. Long	J. C. Cook	1936	69	6	.2
423	14½ miles northeast	H. A. Hubbard	Green Machinery Co.	1943	200	16	--
424	16½ miles northeast	W. A. Martin	Cook and Fate	1937	202	15	--
425	17½ miles northeast	Brad Cox	-- Patton	1936	189	--	--
426	17 miles northeast	do.	J. C. Cook	1935	202	--	--
427	do.	C. M. Smith	--	--	--	--	2.0
428	do.	do.	--	--	--	24	2.5
429	do.	do.	--	Old	200	28	0.0
430	do.	Oscar Cox	J. W. Altman	1943	160	16	--
431	16½ miles northeast	Emmet Thornton	-- Cook	1934	194	14	1.0
432	16 miles northeast	T. L. & D. Co.	--	1917	288	26	--
433	do.	do.	--	1917	292	26	--
433a	15 miles northeast	Lizzie B. Morris	--	--	26	--	.5
434	14 miles northeast	do.	--	1917	292	24	.3
435	do.	do.	--	1917	292	24	1.0
436	13½ miles northeast	I. B. Rankin	--	1916	293	26	.8
437	do.	T. L. & D. Co.	--	1916	292	26	--
438	do.	Clarence Stalcuf	--	--	--	4½	1.0

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
416	d/63	--	T,E, --	Irr	Casing: 14-inch, perforated below water level. Yield 890 gallons a minute measured in 1939, 8-inch column.
417	--	--	T,-	Irr	
418	28.3	Aug. 20, 1937	C,W	D,S	
419	35.4	Mar. 1, 1939	T,G, 80	Irr	Casing: 18-inch. Yield 559 gallons a minute measured in 1937, with 22 feet drawdown. Pump set at 80 feet.
420	23.8	Aug. 11, 1938	None	N	
421	38.8	May 26, 1938	C,W	D	
422	38.0	Oct. 1, 1937	C,W	D	
423	--	--	T,G, 80	Irr	Casing: 16-inch, perforated below water level. Pump set at 84 feet, 10-5/8-inch column. See log.
424	--	--	T,G, 85	Irr	Casing: 15 ¹ / ₂ -inch to 11 ¹ / ₂ -inch, perforated. Pump set at 80 feet, 8-5/8-inch column.
425	--	--	T,G, 85	Irr	
426	--	--	T,G, --	Irr	See log.
427	48.3	July 27, 1937	T,G, 100	Irr	Yield 1,000 gallons a minute, reported in 1936.
428	44.6	June 3, 1937	--	N	Casing: 24-inch. Yield 125 gallons a minute, reported in 1937.
429	49.2	Oct. 26, 1937	T,G, 60	Irr	Casing: 28-inch to 12-inch, perforated. Yield 954 gallons a minute measured in 1937. Drawdown 21 feet. Pump set at 90 feet.
430	--	--	T,G, 85	Irr	Casing: 16-inch. Pump set at 90 feet, 10-inch column.
431	56.8	Sept. 10, 1937	T,E, 35	Irr	Casing: 14-inch to 10-inch; set at 96 feet, perforated. Pump set at 80 feet.
432	--	--	T,G, --	Irr	Casing: 26-inch.
433	d/45	--	None	N	Casing: 26-inch, perforated below 105 feet.
433a	26.0	Mar. 1, 1946	C,W	D,S	
434	43.5	Oct. 25, 1937	None	N	Casing: 24-inch.
435	48.6	Oct. 26, 1937	T,G, --	Irr	Casing: 24-inch, perforated. Pump set at 90 feet, 10-inch column.
436	52.0	May 4, 1936	T,G, --	Irr	Casing: 26-inch. Yield 920 gallons a minute measured in 1936. Drawdown 19 feet. Pump set at 80 feet, 8-inch column.
437	d/49	--	T,G, 50	Irr	Casing: 26-inch. Yield 900 gallons a minute reported in 1937.
438	39.6	May 1, 1936	C,W	D,S	

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
439	13 $\frac{1}{2}$ miles northeast	Clarence Sta.ouf	-- Hanley	1935	200	16	--
440	12 $\frac{1}{2}$ miles northeast	Plainview-Lockney Farms	--	Old	--	--	6.8
441	12 miles northeast	W. S. Noel	Baker Pump Co.	1937	183	16	--
442	11 miles northeast	E. Roper	--	--	--	26	.3
443	do.	do.	Green Machinery Co.	1937	200	16	--
444	do.	do.	J. C. Cook	1934	195	16	--
445	9 $\frac{1}{2}$ miles northeast	A. Van Howeling	--	1917	--	26	2.5
446	9 miles northeast	T. H. Brown	-- Tiddle	1922	205	14	--
447	7 $\frac{1}{2}$ miles northeast	Bob Otto	--	--	--	6	1.5
448	do.	F. A. Wilson	-- Robinson	1935	175	16	--
449	do.	W. S. Messick	--	--	--	72	0.0
450	9 miles northeast	A. G. Finn	--	--	--	--	0.0
451	11 $\frac{1}{2}$ miles northeast	R. W. Burchardt	--	--	--	--	.3
452	12 $\frac{1}{2}$ miles northeast	E. M. Wingate	--	Old	37	6	.2
453	16 miles northeast	T. L. & D. Co.	--	1914	278	24	1.0
454	16 $\frac{1}{2}$ miles northeast	B. F. Smith	--	1914	276	24	1.0
455	16 miles northeast	T. L. & D. Co.	--	1914	258	24	2.0
456	do.	do.	--	1914	278	24	--
457	do.	do.	--	1915	271	24	--
458	do.	do.	--	1915	274	24	4.0
459	do.	do.	--	1915	277	24	1.1
460	do.	do.	--	--	--	6	1.5
461	do.	do.	--	1915	266	24	--
462	do.	R. E. Keniston	--	1915	266	26	.4

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
439	--	--	T,G, 85	Irr	Casing: 16-inch. Yield 1,000 gallons a minute, reported in 1937. Pump set at 90
440	46.7	May 4, 1936	T,G, 85	Irr	Yield 1,800 gal- feet, 10-inch column. lons a minute, reported in 1936. Drawdown
441	d/43	--	T,G, 85	Irr	Casing: 16-inch, perforated. 17 feet. Yield 1,100 gallons a minute, reported in 1937. Drawdown 37 feet. Pump set at 80
442	38.7	May 7, 1936	T,G, 80	Irr	Casing: 26-inch. feet, 9-inch column. Yield 1,500 gallons a minute reported in
443	--	--	T,G, 85	Irr	Casing: 16-inch. Yield 1,000 1936. gallons a minute, reported in 1937.
444	--	--	T,G, 100	Irr	Casing: 16-inch. Yield 500 gallons a minute, reported in 1937.
445	48.6	Aug. 16, 1939	None	N	Casing: 26-inch.
446	d/59	--	T,G, 60	Irr	Casing: 14-inch, perforated. Yield 1,157 gallons a minute, measured in 1937.
447	59.3	Mar. 3, 1939	None	N	Drawdown 32 feet.
448	d/57	--	T,G, 85	Irr	Casing: 16-inch to 14-inch; perforated below water level. Yield 750 gallons a minute reported in 1937. Drawdown 33 feet. Pump set at 80 feet.
449	57.8	May 6, 1936	None	N	Casing: 72-inch.
450	33.8	Oct. 5, 1939	None	N	
451	38.8	May 5, 1936	C,W	D	
452	36.6	Oct. 2, 1937	None	N	
453	48.8	June 26, 1938	T,G, 100	Irr	Casing: 24-inch to 16-inch. Yield 1,032 gallons a minute, measured in 1936.
454	52.7	July 23, 1937	T,E, --	Irr	Casing: 24-inch to 16 $\frac{1}{2}$ -inch, perforated. Yield 600 gallons a minute reported in 1937. Drawdown 36 feet. Pump set at 70
455	57.7	Nov. 28, 1945	None	N	Casing: 24-inch to 16-inch. feet.
456	d/48	--	T,G, 80	Irr	Casing: 24-inch to 17-inch. Pump set at 72 feet.
457	d/38	--	T,G, --	Irr	Casing: 24-inch to 17-inch. Pump set at 75 feet.
458	42.2	Dec. 7, 1938	T,G, --	Irr	Casing: 24-inch to 16-inch. Pump set at 70 feet.
459	39.3	May 15, 1936	T,G, --	N	Casing: 24-inch to 16-inch. Pump set at 75 feet.
460	44.5	Mar. 2, 1939	None	N	
461	d/45	--	None	N	Casing: 24-inch to 16-inch.
462	42.4	May 15, 1936	None	N	

Records of wells in Hale County --- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
463	15 $\frac{1}{2}$ miles northeast	R. E. Keniston	T. L. & D. Co.	1915	271	24	2.0
464	14 miles northeast	Clayton Terrell	--	1942	224	16	--
465	13 $\frac{1}{2}$ miles northeast	J. Wells Kincaid	G. W. Robertson	1934	116	16	--
466	13 miles northeast	do.	do.	1934	150	--	--
467	do.	M. E. Courtney	M. E. Courtney	1937	135	26	.5
468	do.	Temple Thornton	Floyd Reagan	1940	150	15	--
469	11 $\frac{1}{2}$ miles northeast	Frank Beard	--	--	--	--	.3
470	10 $\frac{1}{2}$ miles northeast	M. H. Neer	--	--	--	22	.4
471	11 $\frac{1}{2}$ miles northeast	F. M. Daugherty	--	--	--	--	.3
472	9 $\frac{1}{2}$ miles northeast	G. A. Shock	--	--	--	--	.3
473	8 $\frac{1}{2}$ miles northeast	W. M. Massey	--	Old	55	5	.4
474	8 miles northeast	Jagelky Bros.	Jagelky Bros.	1937	116	--	--
475	7 $\frac{1}{2}$ miles northeast	do.	J. C. Cock	1931	150	--	--
476	do.	do.	do.	1931	124	--	--
477	do.	C. J. Jagelky	do.	1931	176	6	-1.3
478	7 miles northeast	Buchanan Bros.	-- Pate	1940	127	19	--
479	7 $\frac{1}{2}$ miles northeast	Geo. Benefield	Green Machinery Co.	1944	224	16	--
480	13 miles northeast	T. L. & D. Co.	--	--	--	4	--
481	11 $\frac{1}{2}$ miles northeast	Will Castleberry	--	1920	59	8	.3
482	10 $\frac{1}{2}$ miles northeast	R. C. Yarbrough	--	1944	244	30	--
483	7 $\frac{1}{2}$ miles east	Jagelky Bros.	Frank Tye	1935	182	16	--
484	9 $\frac{1}{2}$ miles east	C. A. Shook	--	1941	155	18	--
485	13 miles east	Sam Young	Sam Young	--	50	5	0.0
486	13 $\frac{1}{2}$ miles east	Bellview School	--	--	51	6	.4

Well	WATER	LEVEL	Method of lift b/ c/	Use of water c/	Remarks
	Below land surface (ft.)	Date of measurement			
463	42.2	Nov. 28, 1945	T,G, 35	Irr	Casing: 24-inch to 17-inch.
464	d/44	--	T,G, 85	Irr	Casing: 16-inch, set at 207 feet. Drilled to replace old well. See log.
465	--	--	--	--	Casing: 16-inch to 11-inch. Well was drilled to drain lake; after the first year the well was obstructed with silt.
466	--	--	T,G, 100	Irr	No casing. Yield 800 gallons a minute reported in 1937. Pump set at 90 feet,
467	39.6	Nov. 27, 1945	T,G, 100	Irr	No casing. Reported 10-inch column. 65 feet drawdown after pumping 1,500 gallons a minute for 6 hours. Pump set
468	d/38	--	T,G, 80	Irr	Casing: 15-inch perforated. Pump set at 110 feet, 8-inch column.
469	30.9	May 5, 1936	C,W	D	
470	31.7	Nov. 27, 1945	None	N	Reported weak supply.
471	33.3	June 3, 1937	C,W	D,S	
472	31.4	June 28, 1938	C,W	S	
473	43	Aug. 9, 1937	None	N	
474	d/44	--	None	N	Well never tested. Reported inadequate supply.
475	--	--	None	N	Yield 90 gallons a minute reported in 1937. "Red Beds" reported at 124 feet.
476	d/39	--	T,G, --	Irr	No casing. Pump set at 90 feet, 5+5/8-inch column.
477	37.3	Feb. 28, 1946	None	N	Yield 250 gallons a minute reported in 1936. See log.
478	--	--	--	Irr	Casing: 19-inch, set from 67 to 84 feet. Insufficient supply for irrigation. See
479	--	--	--	Irr	Casing: 16-inch, perforated. See log.
480	--	--	C,W	D,S	
481	43.2	Oct. 27, 1937	C,W	D,S	
482	d/67	--	T,-	Irr	Casing: 30-inch to 14-inch. Pump set at 100 feet, 8-inch column.
483	d/41	--	None	N	Casing: 16-inch. Yield 200 gallons a minute reported in 1937. Inadequate supply for irrigation. See log.
484	--	--	T,G, 30	Irr	No casing. Yield 650 to 700 gallons a minute reported in 1943. Pump set at 90 feet. Two wells drilled .15 mile north and .6 mile northwest failed to yield an
485	34.0	Dec. 2, 1937	C,W	D,S	adequate supply.
486	36.0	Nov. 13, 1937	C,W	D,S,P	

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
487	14½ miles east	J. M. Tilson	---	1944	--	---	--
488	do.	John Terrell	Green Machinery Co.	1941	177	16	--
489	do.	do.	do.	1944	215	16	--
490	15 miles east	C. L. Bayley	do.	1940	200	16	--
491	16 miles east	L. M. Frogg	do.	1940	224	16	--
492	15 miles east	Clayton Terrell	do.	1944	200	16	--
493	14 miles east	do.	do.	1944	285	16	1
494	do.	do.	do.	1943	240	16	--
495	18 miles northeast	W. C. Nance	do.	1945	200	16	1.2
496	16 miles northeast	East Mound School	---	--	49	---	.5
497	15½ miles northeast	S. E. Curry	---	1945	204	16	--
498	11 miles northeast	Bob Harder	-- Bradford	1945	200	14	--
499	do.	C. B. Harder	Bud Gibbons	1943	200	15½	--
500	8½ miles north	O. M. Stidham	---	--	--	4½	1.0
501	8 miles north	D. F. Morgan	---	1914	201	60	--
502	7½ miles north	O. M. Stidham	---	Old	52	12	.4
503	7 miles north	D. F. Morgan	---	--	--	4½	0.2
504	do.	J. J. Marshall	---	1937	72	12	.5
505	do.	Hocper School	---	--	--	6	.2
506	8 miles north	J. M. Johnson	---	1937	200	---	--
507	6½ miles north	Bob Hooper	Green Machinery Co.	1941	250	16	--
508	7 miles northeast	J. D. Webb	---	1913	170	72	1.0
509	8 miles northeast	R. E. Walker	J. C. Cook	1935	170	20	--
510	8½ miles northeast	do.	---	--	--	6	0.0
511	9½ miles northeast	Dr. J. Anderson	---	1912	140	26	2.0

Well	WATER LEVEL		Method of lift b/	Use of water c/	Remarks
	Below land surface (ft.)	Date of measurement			
487	--	--	T,-	Irr	
488	--	--	T,G, 100	Irr	Casing: 16-inch, lower 144 feet perforated. Pump set at 84 feet, 10-5/8-
489	--	--	T,G, 100	Irr	Casing: 16- inch column. See log. inch, perforated. Pump set at 90 feet,
490	--	--	T,G, 95	Irr	Casing: 10-5/8-inch column. See log. 16-inch, lower 160 feet perforated. Pump set at 72 feet, 10-5/8-inch column.
491	d/40	--	T,G, 80	Irr	Casing: 16-inch, lower 164 feet shutter screen type. Pump set at 108 feet,
492	--	--	T,G, 90	Irr	Casing: 10-5/8-inch column. See log. 16-inch, perforated. Pump set at 130 feet, 8-5/8-inch column. See log.
493	34.4	Nov. 27, 1945	None	N	Casing: 16-inch, perforated. Reported insufficient water for irrigation. See
494	--	--	None	N	Casing: 16-inch, perforated below log. water level. Reported weak supply. See
495	51.9	Nov. 28, 1945	--	N	Casing: 16-inch, shutter type log. screen. Pump not yet installed when
496	43.0	Dec. 6, 1937	C,W	P	visited.
497	--	--	T,-	Irr	Casing: 16-inch, perforated. Pump set at 100 feet, 10-inch column. See log.
498	--	--	T,G, 85	Irr	Casing: 14-inch, 6-inch column.
499	--	--	T,E, 30	Irr	Casing: 15 $\frac{1}{2}$ -inch. Pump set at 110 feet, 8-5/8-inch column.
500	71.3	June 27, 1938	C,W	D,S	Located 100 yards east of irrigation well.
501	d/64	--	None	N	Filled in above water level.
502	41.0	Aug. 11, 1937	None	N	
503	64.9	June 27, 1938	C,W	D	
504	61.7	dc.	C,W	S	Galvanized casing.
505	54.5	July 28, 1937	C,W	D	
506	--	--	T,G, 85	Irr	Yield 1,000 gallons a minute reported in 1937.
507	--	--	T,G, 100	Irr	Casing: 16-inch, shutter type perforated. Pump set at 90 feet.
508	46.1	Aug. 8, 1937	T,G, ---	Irr	Dug well, 0 to 54 feet, drilled 54 feet to 170 feet, 10-inch casing from pit to
509	d/45	--	T,G, 85	Irr	Casing: bottom of well. 8-inch column. 20-inch to 14-inch. Yield 800 gallons a minute reported in 1937. Pump set at 70
510	37.8	Apr. 27, 1936	None	N	feet.
511	19.1	May 15, 1936	None	N	

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
512	10 miles northeast	Mickey Pool	--	1929	90	--	2.5
513	9 miles northeast	Plainview-Lockney Farms	--	1936	--	16	1.2
514	do.	Ira Autry	-- Altman	1945	184	12	--
515	8 miles northeast	Plainview-Lockney Farms	D. L. Handley	1934	172	16	1.2
516	9 miles northeast	B. A. Mason	A. W. Fish	1944	200	13	--
517	8 miles northeast	Mrs. Green Wilson	-- Patton	1937	222	--	--
518	do.	Mrs. R. W. Branham	--	--	77	5	--
519	7 $\frac{1}{2}$ miles northeast	Fred Lowe	--	Old	--	--	--
520	do.	Mrs. Mary V. Tyler	Bradford Supply Co.	1937	--	--	--
521	7 miles northeast	do.	do.	1937	--	--	1.4
522	7 $\frac{1}{2}$ miles northeast	R. P. Smith	--	1933	--	--	1.0
523	do.	W. E. Risser	--	1915	148	--	--
524	6 $\frac{1}{2}$ miles northeast	Dr. C.C. Gidney Est.	--	1915	163	--	--
525	7 miles northeast	A. F. Neal	--	--	81	10	.3
526	6 miles northeast	I. W. La France	--	--	--	--	.2
527	5 $\frac{1}{2}$ miles northeast	E. La France	-- Patton	1937	190	16	1.2
528	4 miles northeast	W. M. Lee	W. J. Altman	1939	240	15	1.0
529	5 $\frac{1}{2}$ miles northeast	G. H. Branham	Bradford Supply Co.	1936	218	15 $\frac{1}{2}$	--
530	5 miles northeast	F. E. McDaniel	J. B. Tatum	1935	268	--	--
531	do.	do.	do.	1937	267	--	2
532	do.	do.	do.	1937	269	--	2.3
533	4 $\frac{1}{2}$ miles northeast	Bob Louthan	--	--	--	--	.2
534	4 $\frac{1}{4}$ miles north	Louthan Bros.	Cock and Pate	1937	260	15 $\frac{1}{2}$	1.2
535	5 miles north	G. G. Hollingsworth	--	--	--	--	1.0
536	6 miles north	E. M. Carter	--	1933	--	--	.8

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
512	40.2	Aug. 3, 1940	T,E, 15	P	No casing.
513	31.5	Apr. 20, 1937	T,G, 85	Irr	Casing: 16-inch. Yield 900 gallons a minute reported in 1937. Pump set at
514	--	--	T,G, 93	Irr	Casing: 12-inch. Pump set at 100 feet. at 80 feet, 8-inch column.
515	40.8	Oct. 26, 1937	T,G, 85	Irr	Casing: 16-inch. Yield 1,000 gallons a minute reported in 1937. Drawdown reported 24 feet after pumping 5 hours.
516	--	--	T,G, 93	Irr	Casing: 13-inch, perforated. Pump set at 100 feet, 8-inch column.
517	d/47	--	T,G, 85	Irr	
518	41.1	Dec. 9, 1938	C,W	S	
519	--	--	T,G, --	Irr	
520	--	--	T,G, 85	Irr	
521	50.0	Aug. 11, 1937	T,G, 85	Irr	
522	43.7	Aug. 5, 1938	T,G, --	Irr	
523	d/48	--	None	N	
524	d/47	--	None	N	
525	60.9	Jan. 6, 1938	None	N	
526	55.5	Mar. 4, 1941	C,W	D	
527	54.0	July 30, 1937	T,G, --	Irr	Casing: 16-inch, perforated below water level.
528	60.2	Dec. 1, 1945	None	N	Casing: 15-inch, set 110 feet, perforated.
529	--	--	T,G, 85	Irr	Casing: 15 $\frac{1}{2}$ -inch, perforated. Pump set at 80 feet.
530	--	--	T,G, 85	Irr	Yield 745 gallons a minute measured in 1937. Pump set at 100 feet.
531	59.4	Mar. 3, 1939	T,G, 100	Irr	Yield 948 gallons a minute measured in 1937. Pump set at 100 feet.
532	67.0	Dec. 1, 1945	T,G, 150	Irr	Yield 1,100 gallons a minute reported in 1937. Pump set at 90 feet.
533	60.3	Feb. 17, 1944	C,W	D	
534	56.4	July 30, 1937	T,G, 35	Irr	Casing: 15 $\frac{1}{2}$ -inch to 11 $\frac{1}{2}$ -inch, perforated below 130 feet. Yield 800 gallons a minute reported in 1937. Pump set at 90 feet.
535	48.9	Apr. 23, 1937	C,W	D	
536	65.0	June 27, 1938	T,G, 95	Irr	

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
537	6½ miles north	E. M. Carter	Baker Pump Co.	1937	192	--	--
538	do.	I. D. McTachern	Green Machinery Co.	1944	230	16	--
539	3¼ miles northeast	Fred Rastotter	--	1914	158	--	2.3
540	4¼ miles northeast	E. E. Prosser	Peerless Pump Co.	1939	--	--	2.0
541	do.	F. A. Davis	Green Machinery Co.	1941	220	16	--
542	6 miles northeast	J. B. Hay	--	Old	60	6	3.2
543	do.	J. E. Langston	--	--	--	6	0.0
544	5 miles northeast	Lee Rushing	Baker Pump Co.	1937	219	16	--
545	6 miles northeast	C. M. Walter	-- Patton	1937	222	16	--
546	do.	G. E. Bench	--	1944	202	16	--
547	7 miles northeast	O. C. McClain	--	--	--	--	.5
548	do.	O. T. Britton	D. Lynn	1937	211	15½	.7
549	6½ miles northeast	Bennie Harriss	--	--	--	--	.3
550	do.	S. M. True	Bunney Fish	1945	238	16	--
551	6 miles east	Buchanon Bros.	-- Pate	1941	298	15½	1.5
552	4 miles east	T. L. & D. Co.	T. L. & D. Co.	1914	317	24	1.0
553	do.	do.	--	1916	309	26	.5
554	4¼ miles east	J. P. Sheppard	--	1937	--	--	--
555	3½ miles northeast	W. F. Watkins	Carl Mangum	1941	200	16	--
556	4¾ miles northeast	--	--	--	--	18	1
557	3¼ miles northeast	Ercel Keller	--	1941	200	16	--
558	do.	C. L. Barnes	--	--	--	6	.7
559	do.	W. L. Hinton	Bradford Supply Co.	1936	210	14	--
560	3½ miles northeast	W. J. Williams	-- McDaniels	1937	312	--	--

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
537	--	--	T,G, 100	Irr	No casing. Pump set at 120 feet, 9-inch column.
538	--	--	T,G, 100	Irr	Casing: 16-inch, perforated. Pump set at 120 feet, 10-inch column. See log.
539	55.3	Jan. 12, 1938	--	Irr	See log.
540	50.3	Aug. 16, 1939	T,G, 100	Irr	
541	d/53	--	T,G, 95	Irr	Casing: 16-inch, perforated below 76 feet. Pump set at 96 feet, 10-5/8-inch column. See log.
542	33.7	Oct. 12, 1942	None	N	
543	41.8	Apr. 12, 1938	None	N	
544	--	--	T,G, 85	Irr	Casing: 16-inch, perforated. Pump set at 100 feet, 10-inch column.
545	--	--	T,G, 85	Irr	Casing: 16-inch to 12-inch, perforated. Pump set at 110 feet, 8-inch column.
546	--	--	T,G, 100	Irr	Casing: 16-inch, perforated. Pump set at 100 feet, 8-inch column.
547	50.8	Apr. 24, 1937	None	N	
548	54.0	Aug. 14, 1937	T,G, 85	Irr	Casing: 15 1/2-inch, set 131 feet, perforated. Yield 750 gallons a minute reported in 1937. Pump set at 90 feet, 8-inch column.
549	58.8	Mar. 4, 1941	None	N	
550	--	--	T,G, 80	Irr	Casing: 16-inch, set at 170 feet. Pump set at 110 feet, 8-inch column.
551	51.6	Dec. 2, 1945	T,G, 85	Irr	Casing: 15 1/2-inch to 12 1/2-inch, perforated. See log.
552	58.9	Apr. 26, 1937	T,G, 60	Irr	Casing: 24-inch. Pump set at 110 feet.
553	54.4	do.	T,G, --	Irr	Casing: 26-inch. Yield 1,000 gallons a minute reported in 1934.
554	--	--	T,G, 85	Irr	
555	d/60	--	T,G, 35	Irr	Casing: 16-inch, perforated below 60 feet. Pump set at 90 feet, 9-inch column.
556	60.8	Dec. 2, 1945	None	N	Insufficient water for irrigation.
557	--	--	T,G, 85	Irr	Casing: 16-inch.
558	56.5	June 28, 1938	C,W	D	
559	--	--	T,G, 35	Irr	Casing: 14-inch to 10-inch, perforated. Yield 800 gallons a minute reported in 1937. Pump set at 90 feet, 8-inch column.
560	d/60	--	T,G, --	Irr	No casing. Yield 1,000 gallons a minute reported in 1937. Pump set at 120 feet. "Red Beds" reported 312 feet.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
561	2 $\frac{1}{2}$ miles east	C. L. Roney	H. L. Bartlett	1937	263	---	---
562	1 $\frac{3}{4}$ miles east	Republic Insurance Co.	---	1939	200	13	---
563	3 miles east	Tom J. Stanton	Green Machinery Co.	1941	230	16	---
564	2 miles northeast	T. F. Mounts	---	1936	---	16	.5
565	1 $\frac{1}{2}$ miles northeast	S. Underwood	---	---	56	6	.2
566	1 $\frac{1}{2}$ miles northeast	City of Hale Center	---	---	67	6	.4
567	1 mile northeast	J. B. Maxey	---	---	---	6	.3
568	1 $\frac{1}{2}$ miles southeast	J. O. Shadden	D. C. Dublin	1925	289	25	0.0
569	1 mile southeast	O. C. Sanders	---	1917	210	26	0.0
570	In Hale Center	Bryan Walker	Green Machinery Co.	1911	250	60	---
571	2 miles northwest	D. T. Bridges	--- McDonald	1937	170	16	---
572	In Hale Center	City of Hale Center	W. G. Sears	1926	120	12	---
573	do.	do.	Garms and Mounts	1936	123	12	---
574	8 $\frac{1}{2}$ miles north	John Bell	Green Machinery Co.	1944	240	16	1.5
575	7 $\frac{1}{2}$ miles northwest	do.	do.	1944	233	16	---
576	8 $\frac{1}{2}$ miles north	Owen Harris	do.	1942	245	16	---
577	7 $\frac{1}{2}$ miles north	John Gaither	Davis and Sons	1944	229	16	---
578	do.	Melvin Evans	Green Machinery Co.	1943	215	16	---
579	8 miles north	H. C. Stokes	H. P. Prile	1942	210	14	---
580	8 $\frac{1}{2}$ miles northeast	Carl Brown	---	1945	200	16	1.5
581	8 miles northeast	A. H. Hooser	Earl Crabble	1945	215	---	---
582	9 miles northeast	G. W. Vernon	--- Altman	1945	175	16	---

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
561	--	--	T,G, 85	Irr	Casing: 15 ¹ / ₂ -inch to 10-inch, perforated. Pump set at 110 feet, 8-inch column.
562	d/65	--	T,G, 95	Irr	Casing: 13-inch, lower 120 feet perforated. Pump set at 130 feet, 8-5/8-
563	--	--	T,G, 95	Irr	Casing: 16-inch, <u> </u> inch column. See log. perforated below water level. Pump set at 96 feet, 8-5/8-inch column. See log.
564	55.9	Aug. 16, 1937	None	N	No casing. Reported insufficient supply for irrigation.
565	51.8	Aug. 11, 1937	None	N	No casing.
566	39.6	Jan. 6, 1938	None	N	Filled.
567	52.6	Apr. 26, 1937	C,H	D	
568	59.9	Aug. 16, 1937	T,G, 50	N	Casing: 25-inch to 16-inch. Yield 800 to 1,000 gallons a minute reported in 1937. Not in use 1945.
569	55.6	Apr. 26, 1937	T,G, 60	Irr	Casing: 26-inch. Yield 600 gallons a minute measured in 1936. Not in use in
570	d/54	--	T,E, 50	Irr	Casing: perforated between 80 <u> </u> 1945. feet and 110 feet. Pump set at 110 feet,
571	d/63	--	T,G, 85	Irr	Casing: 16-inch, set <u> </u> 10-inch column. at 80 feet, perforated. Yield 1,000 gallons a minute reported in 1937. Pump
572	d/51	--	T,E, 50	P	Casing: <u> </u> set at 90 feet, 9-inch column. 12-inch, set at 85 feet. Reported draw-down 40 feet after pumping 543 gallons a minute for 12 hours. Pump set at 80 feet.
573	d/51	--	T,E, 25	P	Casing: 12-inch, set at 72 feet. <u> </u> feet. Reported drawdown 40 feet after pumping 350 gallons a minute for 12 hours. Average yield of well 572 and 573, 150,000
574	74.6	Dec. 11, 1945	T,G, 100	Irr	Casing: 16-inch, per- <u> </u> gallons a day. forated. Pump set at 100 feet, 10-5/8-
575	d/63	--	T,G, 100	Irr	Casing: 16-inch, per- <u> </u> inch column. forated. Pump set at 100 feet, 10-5/8-
576	d/51	--	T,G, 100	Irr	Casing: 16-inch, <u> </u> inch column. See log. perforated below water level. Pump set at 90 feet, 8-5/8-inch column. See log.
577	--	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 119 feet, 10-inch column.
578	d/50	--	T,G, 100	Irr	Casing: 16-inch, perforated below water level. Pump set at 84 feet, 10-5/8-inch
579	d/44	--	T,G, 95	Irr	Casing: 14-inch. Pump <u> </u> column. See log. set at 100 feet, 9-inch column. See log.
580	45.3	Dec. 1, 1945	--	Irr	Casing: 16-inch. Pump to be installed.
581	--	--	--	--	Casing: shutter type screen. Pump to be installed.
582	--	--	T,-	Irr	Casing: 16-inch. Pump set at 90 feet, 10-inch column.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
583	8½ miles northeast	Dr. -- Kirchoff	Carl Mangum	1941	170	18	--
584	do.	G. W. Vernon	Leo Koger	1938	175	16	--
585	do.	do.	-- Altman	1944	175	16	--
586	9½ miles northeast	Nathan Johnson	Carl Mangum	1941	170	16	--
587	do.	B. A. Mason	L. A. Peeples	1942	201	14	--
588	8 miles northeast	Lescl Parker	--	1945	202	14	1.0
589	7 miles northeast	Elmo Ellis	Green Machinery Co.	1942	204	16	--
590	do.	A. L. Fryar	--	1940	200	14	1.5
591	5½ miles north	Tom J. Stanton	--	1941	150	16	--
592	6 miles north	P. L. Howard	Green Machinery Co.	1941	230	16	--
593	do.	W. C. Hubbard	do.	1942	240	16	--
594	do.	O. Steinberg	--	1945	--	--	--
595	5 miles northwest	do.	--	1944	--	--	--
596	5½ miles north	G. G. Hollingsworth	J. W. Clayton	1941	220	16	--
597	do.	-- Curry	--	1941	150	16	--
598	4¾ miles north	Bob Louthan	Bud Gibbons	1942	200	15½	--
599	4¼ miles north	Wylie Grizzle	--	1944	--	16	--
601	15½ miles northwest	C. M. Wilson	Green Machinery Co.	1936	180	16	1.3
602	14 miles northwest	Mrs. M. Cornelius	--	--	69	--	.3
603	11½ miles northwest	F. G. Cornelius	M. A. Patton	1936	240	14	--
604	do.	E. M. Barron	--	--	92	6	.3
605	do.	J. O. Douglas	--	--	108	4½	3
606	do.	J. D. Cobb	Green Machinery Co.	1938	--	24	--

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
583	d/50	--	T,G, 85	Irr	Casing: 18-inch, perforated below 50 feet. Pump set at 90 feet, 10-inch
584	--	--	T,G, 100	Irr	Casing: 16-inch. Pump set at column. 90 feet, 9-inch column.
585	--	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 90 feet, 10-inch column.
586	d/40	--	T,G, 85	Irr	Casing: 16-inch, perforated below 40 feet. Pump set at 90 feet, 9-inch
587	d/45	--	T,-	Irr	Casing: 14-inch. Pump set at column. 100 feet, 9-inch column. See log.
588	51.7	Sept. 17, 1945	T,G, 65	Irr	Casing: 14-inch, 146 feet perforated. Yield 1,500 gallons a minute reported in
589	d/66	--	T,G, 100	Irr	Casing: 16-inch, perforated below 1945. water level. Pump set at 100 feet,
590	68.4	Dec. 3, 1945	T,G, 100	Irr	Casing: 14-inch, 8-5/8-inch column. perforated below 50 feet. Pump set at
591	--	--	T,G, 85	Irr	Casing: 110 feet, 8-5/8-inch column. 16-inch. Pump set at 110 feet.
592	d/61	--	T,G, 95	Irr	Casing: 16-inch, lower 170 feet perforated. Pump set at 96 feet, 8-5/8-
593	d/72	--	T,G, 95	Irr	Casing: 16-inch, inch column. See log. perforated below water level. Pump set at 96 feet, 10-5/8-inch column. See log.
594	--	--	T,G, 100	Irr	Pump set at 110 feet, 10-5/8-inch column.
595	--	--	T,G, 100	Irr	Pump set at 100 feet, 10-5/8-inch column.
596	--	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 100 feet, 8-inch column.
597	--	--	T,G, 80	Irr	Casing: 16-inch. Pump set at 110 feet, 9-inch column.
598	d/60	--	T,G, 80	Irr	Casing: 15 1/2-inch; perforated below water level. Yield 1,000 gallons a minute reported in 1942. Pump set at 100 feet,
599	--	--	T,G, --	Irr	Casing: 16-inch. 8-5/8-inch column.
601	74.1	Oct. 18, 1937	T,G, 45	N	Casing: 16-inch, set from 20 feet to 128 feet. Yield 1,000 gallons a minute reported in 1937. Pump set at 96 feet.
602	54.2	Oct. 11, 1937	C,W	S	
603	d/70	--	T,G, 50	Irr	Casing: 14-inch. Yield 900 gallons a minute reported in 1937. Pump set at
604	78.4	June 27, 1938	C,W	N	110 feet.
605	81.4	June 15, 1937	None	N	
606	--	--	T,G, 95	Irr	Casing: 16-inch inside of 24-inch, gravel-packed between. Sand collapsed casing in old well. New well drilled 350 feet northwest. Replaces old well. Pump set at 90 feet.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
607	10½ miles northwest	Half Way School	--	--	87	--	.4
608	9½ miles northwest	Frank Helm	Green Machinery Co.	1937	212	14	--
609	9 miles northwest	Ralph Block	do.	1944	224	16	--
610	8½ miles northwest	Fred Spraggins	G. Garms	1937	204	16	--
611	8 miles northwest	Eber Davis	M. A. Patton	1936	279	14	--
612	do.	J. P. Potts	J. C. Cook	1935	190	18	--
613	8½ miles north	O. M. Stidham	O. M. Stidham	1935	215	16	--
614	6½ miles northwest	Martha Glover	Baker Pump Co.	1935	145	15	1.3
615	do.	Joe Evans	Green Machinery Co.	1943	208	16	--
616	6 miles northwest	E. C. Laney	G. Garms	1935	95	--	1.1
617	5½ miles northwest	J. E. Laney	do.	1937	165	14	1
618	7½ miles northwest	R. R. Burnett	Ewell Vestal	1943	202	14	--
619	7 miles northwest	Wm. A. Hall	A. W. Fish	1945	200	16	--
620	8½ miles northwest	Fred Butler	--	--	60	--	--
621	9 miles northwest	E. S. Crow	--	--	80	5	.6
622	10½ miles northwest	W. E. Cannon	-- Sawyer	1937	204	16	2
623	12½ miles northwest	Sunshine School	--	--	68	--	.1
624	13½ miles west	F. De Jarnett	--	1941	186	16	--
625	12½ miles west	W. M. Millican	--	--	--	--	--
626	10½ miles west	Ida M. Sluss	--	--	72	6	.5
627	do.	G. P. R. Moody	--	--	45	--	--
628	8 miles northwest	H. L. Faith	--	--	78	--	.3
629	7 miles northwest	Mayfield School	--	--	81	--	.1

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
607	67.3	Aug. 17, 1937	C,W	P,S	
608	--	--	T,G, 85	Irr	Casing: 14-inch, perforated. Yield 1,000 gallons a minute reported in 1937. Pump set at 96 feet, 8-inch column.
609	d/82	--	T,G, 150	Irr	Casing: 16-inch, perforated. Pump set at 120 feet, 10-5/8-inch column. See log.
610	d/58	--	T,G, 60	Irr	Casing: 16-inch to 8-inch, perforated. Yield 1,100 gallons a minute reported in 1937. Pump set at 100 feet. "Red Beds"
611	d/65	--	T,G, 85	Irr	Casing: 14-inch, perforated. Yield 900 gallons a minute, reported in 1937. Pump set at 100 feet. "Red Beds" reported at 279 feet.
612	d/59	--	T,G, --	Irr	No casing first 40 feet; 18-inch to 14-inch, set from 40 feet to 190 feet. Yield 755 gallons a minute measured in 1936. Pump set at 80 feet.
613	--	--	T,O, 60	Irr	Casing: 16-inch. Yield 1,200 gallons a minute, reported in 1937.
614	67.2	Dec. 1, 1937	T,-	N	Casing: 15-inch.
615	--	--	T,G, 150	Irr	Casing: 16-inch, perforated. Pump set at 100 feet, 10-5/8-inch column. See log.
616	59.6	Aug. 26, 1937	None	N	No casing. Yield 500 gallons a minute reported in 1937.
617	53.5	do.	T,G, 85	Irr	Casing: 14-inch. Yield 600 to 700 gallons a minute reported in 1937. Pump set
618	d/61	--	T,G, 95	Irr	Casing: 14-inch. Pump set at 80 feet. at 100 feet, 9-inch column. See log.
619	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 100 feet, 10-inch column.
620	d/40	--	C,W	D,S	
621	61.2	June 27, 1938	C,W	S	
622	68.7	Oct. 19, 1937	T,G, 40	Irr	Casing: 16-inch. Yield 1,000 gallons a minute reported in 1937. Pump set at
623	50.6	June 27, 1938	C,W	N	100 feet.
624	--	--	T,G, 95	Irr	Casing: 16-inch. Pump set at 100 feet, 10-inch column.
625	--	--	C,W	S	
626	61.4	Jan. 17, 1941	C,W	S	
627	--	--	C,W	N	
628	62.1	Aug. 16, 1937	C,W	D,S	
629	60.1	Aug. 12, 1937	C,W	P,S	

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
630	5½ miles northwest	W. P. Eason	Green Machinery Co.	1945	192	16	--
631	3½ miles northwest	Carl Laney	G. Garms	1934	92	--	1
632	7 miles west	-- Godfrey	--	1945	260	14	--
633	4 miles west	E. D. Allman	W. G. Sears	1921	126	12	--
634	4½ miles west	Eldridge Investment Co.	Green Machinery Co.	1944	204	16	--
635	2 miles southwest	O. D. Singleton	--	1915	172	--	--
636	7 miles northwest	Noah Tipton	Green Machinery Co.	1944	200	16	--
637	9½ miles west	E. L. Henderson	W. J. Altman	1940	207	15	--
638	9 miles west	E. M. Adams	Green Machinery Co.	1940	170	16	--
639	8½ miles west	Center Plains School	--	--	--	4½	--
640	15½ miles northwest	J. A. Finney	A. W. Fish	1944	197	16	--
641	do.	B. A. Dalton	Green Machinery Co.	1941	208	16	--
642	do.	Frank S. Farrar	Dale Smith	1945	250	--	--
643	15 miles northwest	C. E. Sheffey	--	1944	200	16	--
644	14½ miles northwest	Norman Smith	Green Machinery Co.	1944	208	16	--
645	13 miles northwest	W. T. Copeland	do.	1940	228	16	1
646	11½ miles northwest	D. L. Miller	-- McMillan	1938	250	13	--
647	12½ miles northwest	Mrs. E. Peddicord	--	--	--	--	.4
648	14½ miles northwest	Jack Allcorn	Peerless Pump Co.	1944	283	14	--
649	14 miles northwest	Orvil C. Boyd	Earl Crabble	1945	208	--	--
650	13½ miles northwest	do.	--	1940	200	16	--
651	11½ miles northwest	Ray Copeland	--	1944	200	16	--
652	11 miles northwest	W. Lee Ustick	--	1945	206	16	--
653	10½ miles northwest	B. A. Mason	W. O. Tye	1944	206	16	--
654	do.	Lester James	Green Machinery Co.	1943	215	16	--
655	11 miles northwest	Mrs. A. Ballangee	do.	1944	223	16	--

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
630	d/55	--	--	--	Casing: 16-inch. Pump to be installed.
631	56.1	Aug. 26, 1937	T,G, 120	Irr	No casing. Yield 700 gallons a minute reported in 1937. Pump set at 82 feet.
632	--	--	--	--	Casing: 14-inch. Pump 6-inch column. to be installed.
633	d/55	--	C,--	N	Casing: 12-inch. Pump set at 100 feet. Not used in 15 years.
634	--	--	T,G, 150	Irr	Casing: 16-inch, perforated. Pump set at 100 feet, 10-5/8-inch column. See log.
635	--	--	T,G, --	Irr	Pump set at 90 feet.
636	d/71	--	T,G, 150	Irr	Casing: 16-inch, perforated. Pump set at 110 feet, 10-5/8-inch column. See log.
637	d/62	--	T,G, 95	Irr	Casing: 15-inch to 13-inch, perforated below water level. Pump set at 110 feet.
638	--	--	T,G, 95	Irr	Casing: 16-inch. Pump 8-inch column. set at 96 feet, 8-5/8-inch column.
639	--	--	C,W	P,S	
640	--	--	T,G, --	Irr	Casing: 16-inch, perforated. Pump set at 100 feet. See log.
641	--	--	T,G, 95	Irr	Casing: 16-inch. Pump set at 108 feet, 8-5/8-inch column. See log.
642	--	--	T,G, 150	Irr	Casing: shutter type screen. Pump set at 120 feet, 10-5/8-inch column.
643	--	--	T,G, --	Irr	Casing: 16-inch, perforated. Pump set at 110 feet, 10-inch column.
644	d/63	--	T,G, 95	Irr	Casing: 16-inch, perforated. Pump set at 100 feet, 10-5/8-inch column. See log.
645	57.8	Dec. 10, 1940	T,G, 95	Irr	Casing: 16-inch, 144 feet of shutter type screen. Pump set at 108 feet.
646	d/70	--	T,G, 85	Irr	Casing: 10-5/8-inch column. See log. 13-inch, lower 170 feet perforated. Pump
647	47.8	Aug. 15, 1938	C,W	S	set at 120 feet. See log.
648	--	--	T,G, --	Irr	Casing: 14-inch. Pump set at 120 feet, 8-inch column.
649	d/60	--	T,G, 150	Irr	Perforated casing. Pump set at 110 feet, 10-5/8-inch column.
650	--	--	T,G, 95	Irr	Casing: 16-inch, lower 128 feet perforated. Pump set at 96 feet, 10-5/8-
651	--	--	T,G, 120	Irr	Casing: 16-inch. Pump inch column. set at 100 feet, 10-inch column.
652	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 90 feet, 10-inch column.
653	--	--	T,G, 95	Irr	Casing: 16-inch, lower 147 feet perforated. Pump set at 120 feet, 9-inch
654	--	--	T,G, 120	Irr	Casing: 16-inch. Pump column. See log. set at 120 feet, 8-inch column. See log.
655	--	--	T,G, 150	Irr	Casing: 16-inch, perforated. Pump set at 120 feet, 8-5/8-inch column. See log.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
656	9½ miles northwest	W. H. Dean	Green Machinery Co.	1941	208	16	--
657	9 miles northwest	L. E. McPherson	W. J. Altman	1938	200	13	--
658	8½ miles northwest	Noah Tipton	M. A. Patton	1940	200	16	--
659	9 miles northwest	J. W. Totter	Green Machinery Co.	1941	208	16	--
660	do.	S. H. Holly	do.	1942	215	16	--
661	7 miles northwest	J. E. Rigler	M. A. Patton	1938	233	13	--
662	6 miles northwest	L. C. Dyer	Dale Smith	1945	208	--	--
663	do.	Fielding Helm	Green Machinery Co.	1944	200	16	--
664	5 miles northwest	R. A. Louthan	Bradford Supply Co.	1942	202	15	--
665	6¼ miles northwest	E. C. Laney	--	1944	194	16	--
666	do.	J. E. Laney	W. J. Altman	1941	195	15	--
667	do.	G. G. Vernon	--	1945	200	16	--
668	8 miles northwest	Fielding Helm	W. J. Altman	1941	220	15	--
669	7½ miles northwest	W. A. Teeter	Sam Scroggins	1945	208	--	--
670	8½ miles northwest	Sam T. Camp	Dale Smith	1945	209	--	--
671	9½ miles northwest	R. L. Collins	Green Machinery Co.	1944	200	16	--
672	do.	W. E. Cannon	--	1944	224	16	--
673	10 miles northwest	O. Steinberg	A. W. Fish	1945	212	18	--
674	10½ miles northwest	T. D. Randall	--	1938	--	--	--
675	11 miles northwest	Harriet H. Triplett	H. P. Price	1941	212	15	--
676	10½ miles northwest	C. C. McCormick	A. W. Fish	1944	238	16	--
677	11 miles northwest	do.	do.	1944	196	16	--
678	13½ miles west	F. A. De Jarnett	Peerless Pump Co.	1938	230	14	--
679	12½ miles west	do.	M. A. Patton	1939	200	14	1
680	do.	Mrs. Tony Chisum	Sam Scroggins	1945	322	--	--

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
656	d/71	--	T,G, 95	Irr	Casing: 16-inch, lower 188 feet not cased. Pump set at 108 feet, 8-5/8-inch column. See log.
657	--	--	T,G, 50	Irr	Casing: 13-inch to 10 ³ / ₄ -inch, perforated. Pump set at 120 feet, 8-5/8-inch column. See log.
658	--	--	T,G, 95	Irr	Casing: 16-inch, perforated below water level. Yield 1,000 gallons a minute measured in 1942. Pump set at 96 feet.
659	d/78	--	T,G, 95	Irr	Casing: 16-inch, perforated below water level. Yield 1,000 gallons a minute measured in 1942. Pump set at 96 feet.
660	d/85	--	T,G, 95	Irr	Casing: 16-inch, perforated below water level. Pump set at 120 feet, 8-5/8-inch column. See log.
661	d/67	--	T,G, 85	Irr	Casing: 13-inch to 10 ³ / ₄ -inch, lower 159 feet perforated. Pump set at 90 feet, 8-5/8-inch column. See log.
662	--	--	T,G, 150	Irr	Casing: shutter type screen. Pump set at 110 feet, 8-5/8-inch column. See log.
663	--	--	T,G, 150	Irr	Casing: 16-inch, perforated. Pump set at 110 feet, 8-5/8-inch column. See log.
664	d/58	--	T,G, 85	Irr	Casing: 15-inch. Pump set at 100 feet, 8-5/8-inch column.
665	--	--	T,G, --	Irr	Casing: 16-inch, perforated. Pump set at 110 feet, 10-inch column.
666	--	--	T,G, 95	Irr	Casing: 15-inch to 12-inch. Pump set at 100 feet, 9-inch column.
667	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 110 feet, 10-inch column.
668	d/65	--	T,G, 95	Irr	Casing: 15-inch, perforated. Pump set at 100 feet, 9-inch column.
669	d/66	--	T,G, 150	Irr	Perforated casing. Pump set at 110 feet, 10-5/8-inch column.
670	d/70	--	T,G, 120	Irr	Gas pipe casing. Pump set at 110 feet, 10-5/8-inch column.
671	--	--	T,G, 120	Irr	Casing: 16-inch. Yield 1,000 gallons a minute reported in 1946. Pump set at 100 feet, 8-inch column.
672	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 130 feet, 10-inch column.
673	d/71	--	T,G, 120	Irr	Casing: 18-inch. Pump set at 110 feet, 10-5/8-inch column.
674	--	--	T,G, 85	Irr	Pump set at 90 feet.
675	d/48	--	T,G, --	Irr	Casing: 15-inch, perforated below water level. Pump set at 100 feet, 9-inch column.
676	d/60	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 110 feet, 10-5/8-inch column.
677	d/60	--	T,G, 95	Irr	Casing: 16-inch, perforated. Pump set at 110 feet.
678	d/58	--	T,G, 40	Irr	Casing: 14-inch perforated. Yield 1,100 gallons a minute reported in 1938.
679	62.1	Dec. 21, 1939	T,G, 95	Irr	Casing: 14-inch, lower 130 feet perforated. Pump set at 100 feet.
680	--	--	T,G, 120	Irr	Casing: shutter type screen. See log.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
681	13 miles west	Tony Chisum	H. P. Price	1942	231	14	--
682	11 miles west	J. L. Mann, Jr.	--	1944	200	16	--
683	9 miles west	J. F. Triplett	--	1938	--	--	--
684	8½ miles west	Mrs. J. W. Treadwell	Sam Scroggins	1945	229	--	--
685	8 miles west	J. W. Stevens	A. W. Fish	1944	218	18	--
686	do.	Mrs. J. W. Treadwell	Green Machinery Co.	1945	253	16	--
687	7½ miles west	E. E. Master	do.	1940	--	--	--
688	do.	J. D. Ivey	B. Fish	1946	216	16	--
689	do.	do.	do.	1944	196	14	--
690	8 miles west	W. J. Price	M. A. Patton	1942	233	14	--
691	do.	E. R. Stine	do.	1942	233	14	--
692	7½ miles west	S. R. Koeninger	A. W. Fish	1945	200	16	--
693	do.	Mrs. Etta Hamilton	do.	1945	200	16	--
694	9 miles northwest	Bill Moody	--	1945	300	16	--
695	do.	O. L. Fleming	Green Machinery Co.	1944	208	16	--
696	8½ miles northwest	P. G. George	--	1939	190	--	--
697	8 miles northwest	F. H. Springer	A. W. Fish	1945	202	16	--
698	do.	C. C. Scroggins	Green Machinery Co.	1938	210	16	--
699	7 miles northwest	J. C. Logan	Sam Scroggins	1945	208	--	--
701	14 miles southwest	W. H. Kirbey	--	1937	100	16	--
702	14 miles west	W. A. Starks	Green Machinery Co.	1942	225	16	--
703	12 miles southwest	T. C. Dyer	--	--	--	--	1.0
704	13 miles southwest	F. Sagesar	--	1945	200	16	--
705	11 miles southwest	W. C. Wright	M. A. Patton	1938	270	16	--

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
681	d/56	--	T,G, 114	Irr	Casing: 14-inch, perforated below water level. Yield 1,100 gallons a minute, drawdown 40 feet after pumping 24 hours. Pump set at 100 feet. See log.
682	--	--	T,G, 120	Irr	Casing: 16-inch perforated. Pump set at 110 feet, 10-inch column.
683	--	--	T,G, 120	Irr	
684	d/70	--	T,G, 120	Irr	Perforated casing Pump set at 120 feet, 8-5/8-inch column. See log.
685	--	--	T,G, 120	Irr	Casing: 18-inch. Pump set at 110 feet.
686	d/80	--	T,G, 150	Irr	Casing: 16-inch. Pump set at 120 feet.
687	--	--	T,G, 95	Irr	Pump set at 96 feet, 8-5/8-inch column.
688	d/68	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 120 feet, 10-inch column.
689	--	--	None	N	Casing: 14-inch. Crooked hole, pump removed.
690	d/58	--	T,G, 95	Irr	Casing: 14-inch, lower 165 feet perforated. Drawdown 38 feet, pumping 1,150 gallons a minute for 24 hours. Pump set at 100 feet. See log.
691	d/58	--	T,G, 95	Irr	Casing: 14-inch. Drawdown 47 feet, pumping 1,070 gallons a minute for 24 hours. Pump set at 110 feet. See log.
692	--	--	T,G, --	Irr	Casing: 16-inch. Pump set at 120 feet, 10-inch column.
693	--	--	T,G, --	Irr	Do.
694	d/60	--	T,G, 140	Irr	Casing: 16-inch. Pump set at 135 feet, 10-inch column.
695	--	--	T,G, 90	Irr	Casing: 16-inch, perforated. Pump set at 110 feet, 8-5/8-inch column. See log.
696	--	--	T,G, 95	Irr	
697	d/70	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 100 feet, 10-inch column.
698	d/52	--	T,G, 95	Irr	Casing: 16-inch. Pump set at 108 feet, 8-inch column.
699	d/63	--	T,G, 150	Irr	Casing: shutter type screen. Pump set at 110 feet, 10-5/8-inch column. See log.
701	d/78.0	--	T,G,	Irr	Casing: 16-inch to 13-inch.
702	d/81	--	T,G, 100	Irr	Casing: 16-inch, perforated below water level. Pump set at 120 feet, 8-5/8-inch column.
703	86.3	Dec. 5, 1945	T,G, 100	Irr	
704	d/75.8	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 120 feet, 10-inch column.
705	--	--	T,G, 85	Irr	Casing: 16-inch to 13-inch. Perforated below 100 feet. Pump set at 120 feet, 8-5/8-inch column.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
706	11 miles southwest	Willard Wright	--	1936	276	--	--
707	9½ miles west	John Schoonvelt	Mounts and Garmes	1935	200	16	--
708	8½ miles west	J. W. Stephen	--	1935	150	12	.4
709	7 miles southwest	Frank Parker	--	1940	204	14	--
710	6½ miles southwest	M. K. Fisher	-- Alderman	1937	200	18	--
711	4½ miles southwest	C. A. McKnight	Bud Gibbons	1942	300	14	--
712	5 miles southwest	J. N. Jeffreys	--	1917	300	24	3
713	6 miles southwest	D. C. Newson	--	1945	300	--	--
714	9 miles southwest	W. A. Burnett	--	1944	218	18	--
715	9½ miles southwest	Wiley Bogart	--	--	97	--	0.0
716	11 miles southwest	do.	-- Coffee	--	85	4	1.5
717	10 miles southwest	W. J. Walker	Bradford Supply Co.	1937	220	15½	--
718	13½ miles southwest	Mrs. B. R. McWhorter	Fearless Pump Co.	1936	210	15	--
719a	15 miles southwest	W. Bogart	--	--	85	6	0.0
719b	do.	do.	--	--	--	5	0.5
720	15½ miles southwest	R. V. Hand	--	--	26	--	1.0
720b	16½ miles southwest	P. R. Caraway	--	--	25	6	1.0
721	13½ miles southwest	L. F. Thompson	--	1933	230	16	--
722	12½ miles southwest	do.	--	1937	230	16	--
723	13 miles southwest	do.	--	1933	235	16	--
724	13½ miles southwest	Mrs. H. D. Johnston	-- Huges	1936	240	15	.6
725	12½ miles southwest	Elbert Brown	--	--	92	--	.5
726	11½ miles southwest	C. I. Rhodes	-- Fish	1945	327	16	1.4
727	9 miles southwest	Otey Shadden	Bradford Supply Co.	1937	237	15½	2.0
728	do.	William Albers	--	--	92	--	.8
729	9½ miles southwest	J. L. Hamel	-- Altman	1939	240	12½	--

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
706	d/80	--	T,G, 40	Irr	
707	--	--	T,G, 46	Irr	Casing: 16-inch to 9-inch.
708	70.7	Aug. 10, 1937	T,G, 120	Irr	Casing: 12-inch. Pump set at 100 feet, 8-inch column.
709	d/40	--	T,G, 90	Irr	Casing: 14-inch. Reported drawdown 50 feet after pumping 48 hours. Pump set
710	d/66	--	T,G, 100	Irr	No casing. Pump set at at 140 feet. 110 feet, 9-inch column.
711	--	--	T,G, 120	Irr	Casing: 14-inch, perforated below water level. Pump set at 120 feet, 8-5/8-inch
712	71.8	Aug. 10, 1937	T,G, 80	Irr	Casing: 24-inch. column.
713	d/70	--	T,G, 120	Irr	Casing: 221 feet, perforated. Pump set at 140 feet, 8-inch column.
714	--	--	T,G, 100	Irr	Casing: 18-inch. Pump set at 120 feet, 8-inch column.
715	85.4	July 29, 1937	C,H	S	
716	76.5	July 28, 1937	C,W	S	
717	--	--	T,G, 85	Irr	Casing: 16-inch to 12-inch, set at 185 feet. Water sand reported 140 feet to
718	--	--	T,G, 85	Irr	Casing: 16-inch, set at 60 200 feet. Yield 750 gallons a minute re-
719a	75.1	Mar. 2, 1946	C,W	N	ported in 1937.
719b	4.7	Jan. 24, 1943	C,W	S	
720	16.0	July 27, 1937	C,W	S	
720b	13.6	Mar. 2, 1946	C,W	S	
721	d/42	--	T,G, 50	Irr	Casing: 16-inch to 12-inch. Pump set at 110 feet, 8-inch column.
722	d/90	--	T,G, 85	Irr	Casing: 16-inch to 12-inch, set at 130 feet. Pump set at 140 feet, 8-inch
723	d/89	--	T,G, 100	Irr	Casing: 16-inch to 12-inch. column. Pump set at 150 feet, 8-inch column.
724	94.5	July 27, 1937	T,G, 40	Irr	Casing: 16-inch to 12-inch. Yield 750 gallons a minute reported in 1937.
725	83.7	July 28, 1937	C,W	D,S	
726	95.8	Nov. 30, 1945	T,G, 85	Irr	Casing: 16-inch. Pump set at 140 feet, 8-inch column.
727	80.6	July 29, 1937	T,G, 50	Irr	Casing: 16-inch to 12-inch. Yield 800 gallons a minute reported in 1937. Pump set at 120 feet, 8-inch column.
728	80.3	July 29, 1937	C,W	D,S	
729	d/90	--	T,G, 50	Irr	Casing: 12-inch. Pump set at 190 feet, 9-inch column.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of point above ground (ft.) a/
730	11 miles southwest	W. T. Webb	---	---	---	4	.5
731	13 miles southwest	J. C. Waggoner	---	---	110	---	---
732	15 $\frac{1}{2}$ miles south	W. V. Chapman	---	---	140	---	---
733	do.	Leo Konecko	---	1936	214	8	1.1
734	16 miles southwest	W. A. Richter	A. S. Mims	1927	1,403	---	---
735	do.	Mrs. Adele Brickley	---	---	132	---	---
736	13 $\frac{1}{2}$ miles southwest	Ed Watts	---	1940	300	---	---
737	16 $\frac{1}{2}$ miles southwest	N. A. Davis Est.	---	---	---	---	---
738	19 miles southwest	J. B. Snead	-- Bishop	1943	144	16	---
739	18 $\frac{1}{2}$ miles southwest	S. L. Eason	Morgan Handley	1935	320	16	1.0
740	19 $\frac{1}{2}$ miles southwest	Lee Irish	---	---	---	4	.6
741	17 $\frac{1}{2}$ miles southwest	A. O. Vaughn	W. J. Altman	1941	278	15	---
742	7 $\frac{1}{2}$ miles west	J. W. Stevens	---	1945	201	16	---
743	do.	Earl D. Bogus	---	1944	180	14	---
744	8 $\frac{1}{2}$ miles southwest	E. R. Lindsay	---	1944	181	14	---
745	8 miles southwest	J. L. Mann	M. A. Patten	1938	160	---	---
746	7 $\frac{1}{2}$ miles southwest	D. A. Cunningham	Green Machinery Co.	1943	210	16	---
747	do.	Kino Koelder	W. O. Tye	1943	203	12 $\frac{1}{2}$	---
748	9 $\frac{1}{2}$ miles southwest	Bill Moody	---	1945	300	16	---
749	10 miles southwest	Cotton Center School	---	---	---	4 $\frac{1}{2}$	---
750	10 $\frac{1}{2}$ miles southwest	J. L. White	Bradford Supply Co.	1939	246	16	1.0
751	do.	Bill Moody	---	1945	290	16	1.8
752	do.	D. L. Barnes	-- Peerless	1944	210	16	---
753	do.	J. W. Barrett	Leo Koger	1939	180	16	---
754	14 $\frac{1}{2}$ miles southwest	Major De Jarnett	Green Machinery Co.	1938	230	16	1.0

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
730	89.9	July 28, 1937	C,W	D,S	
731	--	--	C,W	Irr	
732	d/114	--	C,W	D,Irr	
733	114.8	Dec. 4, 1945	T,G, 85	Irr	Pump set at 140 feet.
734	--	--	None	N	Oil test. See log.
735	d/110	--	None	N	
736	--	--	C,W	S	Insufficient water for irrigation. See log.
737	--	--	None	N	Insufficient water for irrigation.
738	d/90	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 130 feet, 9-inch column.
739	103.5	July 26, 1937	None	N	Casing: 16-inch to 12-inch, set at 170 feet.
740	106.4	do.	C,W	D,Irr	
741	--	--	T,G, 80	Irr	Casing: 15-inch, set at 235 feet. Pump set at 190 feet, 8-inch column. See log.
742	d/68	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 100 feet, 10-inch column.
743	--	--	T,G, --	Irr	Casing: 14-inch. Pump set at 110 feet, 8-inch column.
744	--	--	T,G, 120	Irr	Do.
745	d/65	--	T,G, 80	Irr	Casing: 40 feet. plain; 120 feet, perforated. Pump set at 100 feet, 8-5/8-
746	--	--	T,G, 90	Irr	Casing: 16-inch, inch column. See log, perforated. Pump set at 110 feet, 8-5/8-
747	--	--	T,G, 65	Irr	Casing: 12 $\frac{1}{2}$ -inch. inch column. See log. Pump set at 110 feet, 8-inch column.
748	d/65	--	T,G, 140	Irr	Casing: 16-inch. Pump set at 146 feet, 10-inch column.
749	--	--	C,W	P	
750	78.5	Dec. 6, 1945	None	N	Casing: 16-inch.
751	75.9	do.	T,G, 140	Irr	Casing: 16-inch. Pump set at 122 feet, 10-inch column.
752	d/58	--	T,G, 95	Irr	Casing: 16-inch to 14-inch, perforated. Yield 1,000 gallons a minute reported in 1945. Pump set at 120 feet, 8-inch
753	--	--	T,G, 85	Irr	Casing: 144 feet, 16-inch; 42 column. feet, 14-inch; perforated. Pump set at
754	83.9	Sept. 26, 1939	T,G, 85	Irr	Casing: 16-inch 120 feet, 8-inch column. to 12-inch, shutter type screen. Pump set at 120 feet, 8-5/8-inch column.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
755	14 $\frac{1}{2}$ miles southwest	Major De Jarnett	-- Moore	1941	196	20	1.7
756	15 miles southwest	George Blackwell	--	--	--	--	--
757	13 $\frac{1}{2}$ miles southwest	Lucian Moorhead	Green Machinery Co.	1945	200	16	--
758	do.	J. D. McGill	Greene and Davis	1945	210	--	.5
759	11 $\frac{1}{2}$ miles southwest	Herman White	--	1940	300	--	--
760	10 miles southwest	Bill Mccdy	M. A. Patton	1939	285	16	--
761	8 miles southwest	E. R. Stine	--	1944	300	14	--
762	7 miles southwest	Oscar Gould	--	1944	287	16	--
763	3 $\frac{3}{4}$ miles southwest	S. L. Elliot	Carl Mangum	1940	200	16	--
764	do.	Boyd Elliot	Green Machinery Co.	1945	210	--	--
765	2 $\frac{3}{4}$ miles southwest	Lee Carroll	--	1943	260	16	--
766	6 miles southwest	M. K. Fisher	Peerless Pump Co.	1945	220	14	--
767	4 miles southwest	L. L. Usher	Earl Crabble	1945	260	--	--
768	7 $\frac{1}{2}$ miles southwest	Cecil Garten	M. A. Patton	1939	253	--	--
769	8 miles southwest	A. L. Scoggins	--	1945	290	--	--
770	8 $\frac{1}{2}$ miles southwest	John Benson	--	1940	413	16	--
771	do.	Joe Ashburn	--	1945	327	16	--
772	16 $\frac{1}{2}$ miles southwest	Mrs. J. T. Bickley	John Booth	1940	495	--	--
773	8 $\frac{1}{2}$ miles southwest	E. A. Houston	Green Machinery Co.	1940	300	16	--
774	9 miles southwest	Otey Shadden	A. W. Fish	1945	300	16	0.0
775	do.	Wylie Wilkerson	L. A. Peeples	1944	303	--	--
776	3 $\frac{1}{2}$ miles southwest	do.	dc.	1940	250	14	--
777	do.	R. B. Myles	-- Altman	1939	250	12 $\frac{1}{2}$	--
778	12 miles southwest	L. A. Herral	--	--	--	--	--
779	14 miles south	Wayne Riley	Davis and Greene	1945	230	16	--
780	10 $\frac{1}{2}$ miles southwest	Walton Smith	Dale Smith	1945	325	--	--

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
755	75.7	Dec. 11, 1945	T,G, 80	Irr	Casing: 20-inch to 16-inch. Pump set at 120 feet, 10-inch ccolumn.
756	--	--	T,G, 80	Irr	Pump set at 120 feet.
757	--	--	T,G, 120	Irr	Casing: 16-inch, shutter type screen. Pump set at 120 feet. See log.
758	74.9	Dec. 6, 1945	T,G, 100	Irr	Casing: 153 feet perforated. Pump set at 154 feet. See log.
759	d/84	--	T,G, 100	Irr	Pump set at 130 feet, 9-inch column. See log.
760	d/78	--	T,G, 80	Irr	Casing: 16-inch to 14-inch, perforated. Pump set at 130 feet, 8-5/8-inch column.
761	d/110	--	T,G, 85	Irr	Casing: 14-inch. Pump set at 120 feet, 9-inch column. See log.
762	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 120 feet.
763	d/60	--	T,G, 85	Irr	Casing: 16-inch, perforated below 60 feet. Pump set at 120 feet, 9-inch
764	d/60	--	T,G, --	Irr	Casing: Oil field type, 72 feet perforated. ccolumn.
765	d/61	--	T,G, 100	Irr	Casing: 16-inch, perforated below water level. Pump set at 108 feet, 8-5/8-
766	--	--	T,G, --	Irr	Casing: 14-inch, inch ccolumn. See log. Pump set at 120 feet, 8-inch ccolumn.
767	--	--	--	--	Pump to be installed. See log.
768	d/70	--	T,G, 85	Irr	Casing: 59 feet, plain; 194 feet perforated. See log.
769	--	--	T,G, 85	Irr	Casing: 16-inch. Pump set at 120 feet, 8-inch column.
770	d/90	--	T,G, 200	Irr	Casing: 16-inch to 12-inch, set at 360 feet. Pump set at 180 feet, 10-inch
771	d/92	--	T,G, --	Irr	Casing: 16-inch. Pump set at 130 feet, 8-inch column. ccolumn.
772	--	--	None	N	Casing: 78 feet of plain; 112 feet perforated. Insufficient supply for
773	d/77	--	T,G, 95	Irr	Casing: 16-inch, irrigation. See log. 72 feet, plain; 228 feet, perforated. Pump set at 120 feet, 8-5/8-inch column.
774	86.3	Nov. 28, 1945	T,G, 100	Irr	Casing: 16-inch. Pump set at 120 feet, 8-inch column. See log. See log.
775	--	--	T,G, 95	Irr	Pump set at 170 feet, 8-inch column. See log.
776	--	--	T,G, 100	Irr	Casing: 14-inch, perforated. Pump set at 120 feet, 8-5/8-inch column.
777	--	--	T,G, 100	Irr	Casing: 12 $\frac{1}{2}$ -inch, perforated. Pump set at 190 feet, 9-inch column.
778	--	--	None	N	Insufficient water for irrigation.
779	--	--	T,G, 100	Irr	Casing: 16-inch to 12-inch. Pump set at 146 feet, 8-inch column.
780	d/81	--	T,G, 45	Irr	Casing: shutter screen type Pump set at 130 feet, 8-5/8-inch column. See log.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
781	10 $\frac{1}{2}$ miles southwest	Otis Shadden and H. N. Vaughn	Green Machinery Co.	1940	329	16	--
782	do.	Farris Heathington	--	1940	300	16	--
783	do.	J. S. Shadden	Green Machinery Co.	1945	358	16	1.0
784	11 miles southwest	do.	do.	1940	319	16	--
785	11 $\frac{1}{2}$ miles southwest	R. C. Patterson	Green Machinery Co.	1945	317	16	--
786	do.	K. L. Riggs	--	1944	200	--	--
787	12 $\frac{1}{2}$ miles southwest	A. L. Stone	-- Davis	1945	296	14	--
788	13 miles southwest	Lewis Thompson	--	1940	325	16	--
789	14 miles southwest	Lee O'Neil	H. P. Price	1940	300	14.5	--
790	13 miles southwest	L. F. Thompson	--	1940	237	16	--
791	12 $\frac{1}{2}$ miles southwest	Frank P. Carr	--	1940	305	14 $\frac{1}{2}$	--
792	14 miles southwest	Bowen and Gayle	--	1939	--	16	0.9
793	14 $\frac{1}{2}$ miles southwest	do.	--	1936	200	16	--
794	15 $\frac{1}{2}$ miles southwest	C. B. Bingham	Sam Scroggins	1945	215	--	--
795	16 $\frac{1}{2}$ miles southwest	do.	Green Machinery Co.	1941	200	16	--
796	15 $\frac{1}{2}$ miles southwest	Dr. Olan Key	L. A. Peoples	1943	288	12 $\frac{1}{2}$	--
797	16 $\frac{1}{2}$ miles southwest	G. W. Herd Ranch	Wm. Groat	1931	480	--	--
801	2 miles southeast	J. H. Hooker	--	1917	60	6	.2
802	2 $\frac{1}{4}$ miles southeast	O. T. Swenson	--	--	56	--	.3
803	3 miles southeast	Arthur Ford	--	1911	70	4 $\frac{1}{2}$	1.7
804	4 $\frac{3}{4}$ miles southeast	Ross Hart	W. J. Altman	1940	300	--	--
805	7 miles southeast	A. K. Price	-- Yoder	1917	70	--	.1
806	8 miles southeast	A. B. Culp	A. B. Culp	1937	183	--	.5
807	9 miles southeast	do.	do.	1935	89	12	.3

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
781	d/77	--	T,G, 95	Irr	Casing: 16-inch. Pump set at 120 feet, 8-5/8-inch column. See log.
782	--	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 128 feet, 8-inch column.
783	89.2	Dec. 12, 1945	--	--	Casing: 16-inch. Pump to be installed.
784	d/88	--	T,G, 95	Irr	Casing: 16-inch, 95 feet, plain; 224 feet, perforated. Pump set at 120 feet, 8-5/8-inch column. See log.
785	d/81	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 130 feet, 8-inch column.
786	--	--	T,G, 85	Irr	Casing: shutter type screen. Pump set at 130 feet, 8-5/8-inch column.
787	d/80	--	T,G, 120	Irr	Casing: 14-inch, 199 feet, perforated. Pump set at 140 feet, 8-inch column.
788	d/81	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 150 feet, 8-inch column.
789	d/90	--	T,G, 80	Irr	Casing: 14 $\frac{1}{2}$ -inch. Pump set at 130 feet, 9-inch column. See log.
790	d/83	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 150 feet, 8-inch column.
791	--	--	T,G, 85	Irr	Casing: 14 $\frac{1}{2}$ -inch, 70 feet, plain; 220 feet, perforated. Pump set at 120 feet, 8-inch column.
792	81.3	Dec. 10, 1945	None	N	Casing: 16-inch. 8-inch column.
793	d/80	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 110 feet, 10-inch column.
794	d/72	--	T,G, 120	Irr	Casing: shutter type screen. Pump set at 110 feet, 10-5/8-inch column. See log.
795	d/80	--	T,G, 120	Irr	Casing: 16-inch, 120 feet perforated. Pump set at 108 feet, 10-5/8-inch column.
796	d/85	--	T,G, 100	Irr	Casing: 12 $\frac{1}{2}$ -inch. Pump set at 130 feet, 8-inch column. See log.
797	--	--	None	N	Oil test.
801	60.3	Oct. 9, 1937	C,W	D,S	
802	54.7	do.	C,W	D,S	
803	52.5	do.	C,W	D,S	
804	d/49	--	T,-	N	No casing. Yield 300 gallons a minute reported in 1941. Pump set at 110 feet, 6-inch column. "Red Beds" reported at 286 feet. Three wells drilled within a mile to the southwest, failed to yield an adequate supply. "Red Beds" reported at 213 feet.
805	51.9	Oct. 9, 1937	C,W	D,S	
806	46.1	Dec. 7, 1945	T,G, 85	Irr	No casing. Yield 650 gallons a minute reported in 1937. Pump set at 88 feet.
807	49.3	June 24, 1938	T,G, 35	Irr	Casing: 12-inch, perforated. Yield 500 gallons a minute reported in 1936. Pump set at 80 feet. Another well drilled nearby failed to yield an adequate supply.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
808	8½ miles southeast	C. J. Robertson	C. H. Robertson	1937	150	16	0.0
809	do.	do.	Green Machinery Co.	1934	150	16	--
810	do.	do.	do.	1934	150	16	.8
811	do.	do.	do.	1934	150	16	.3
812	do.	do.	C. H. Robertson	1937	110	16	0.0
813	do.	do.	do.	1937	110	16	0.0
814	9½ miles southeast	do.	Green Machinery Co.	1934	150	16	0.0
815	9 miles southeast	Dent Jones	C. W. Robertson	1939	227	18	--
816	9½ miles southeast	A. M. Eason	--	1935	94	12	1.0
817	8½ miles southeast	E. S. Eason	A. B. Gulp	1937	92	14	1.5
818	8 miles southeast	Guy Hausour	--	--	--	--	.5
819	do.	W. L. Landers	--	--	--	--	.3
820	7½ miles southeast	O. A. Sweat	Floyd Reagan	1945	116	16	2
821	6½ miles southeast	T. L. & D. Co.	--	--	--	--	--
822	do.	Elsie Thornton	--	--	61	6	.5
823	4½ miles south	G. L. Tilma	Green Machinery Co.	1935	207	16	--
824	4½ miles southeast	J. Wells Kinkaid	--	--	--	--	.5
825	3 miles south	Matilda Akeson	--	--	88	4½	0.8
826	3¾ miles south	Bruce Thorp	Burney Fish	1945	310	16	--
827	4¾ miles south	Iowa Avenue School	--	--	85	4	3.0
828	5 miles south	John Bowling	Geo. Garmes	1936	218	14	1.5
829	do.	do.	Burney Fish	1945	318	16	--
830	5½ miles south	W. S. Thomas	Luther Mounts	1935	273	14	--
831	6½ miles southeast	H. V. Tull	M. A. Patton	1937	246	16	--
832	10 miles south	Earlton Harp	Green Machinery Co.	1932	233	16	0.0
833	9 miles south	Elsie Thornton	--	--	93	7½	0.6

Well	WATER LEVEL		Method of lift b/	Use of water c/	Remarks
	Below land surface (ft.)	Date of measurement			
808	47.0	Oct. 22, 1937	None	N	Insufficient water for irrigation. Another well drilled $\frac{3}{4}$ mile to the south-west also failed to yield sufficient
809	d/49	--	None	N	Casing: 16-inch, perforated. water. Insufficient water for irrigation. See
810	49	Oct. 20, 1937	None	N	No casing. Insufficient water for log. irrigation.
811	48.2	Dec. 7, 1945	None	N	Do.
812	47.3	Oct. 20, 1937	None	N	Do.
813	49.3	do.	None	N	Do.
814	54.8	do.	None	N	Do.
815	--	--	None	N	Insufficient water for irrigation. "Red Beds" reported at 212 feet.
816	52.9	Feb. 13, 1945	None	N	Casing: 12-inch, perforated. Pump removed.
817	56.4	Oct. 20, 1937	T,G, 20	Irr	Casing: 14-inch. Pump set at 80 feet.
818	59.5	June 28, 1938	C,W	D	
819	66.0	do.	C,W	D,S	
820	64.9	Dec. 7, 1945	T,G, 85	Irr	Casing: 16-inch. Weak supply.
821	--	--	None	N	Insufficient water for irrigation.
822	50.5	July 23, 1942	None	N	
823	--	--	T,G, 80	Irr	Casing: 16-inch, set at 207 feet.
824	64.0	May 11, 1936	C,W	D,S	
825	64.7	Feb. 17, 1941	C,W	N	
826	--	--	T,G, 80	Irr	Casing: 16-inch. Pump set at 120 feet, 8-inch column.
827	70.2	Feb. 16, 1944	None	N	
828	74.6	Dec. 11, 1945	T,G, 65	Irr	Casing: 14-inch, set at 20 feet. Reported weak supply.
829	--	--	T,G, 85	Irr	Casing: 16-inch.
830	d/73	--	None	N	Casing: 14-inch. Yield 622 gallons a minute measured in 1937. Well sands up
831	--	--	None	N	No casing. readily. Pump removed. Insufficient water for irrigation.
832	87	July 28, 1937	T,G, 85	Irr	Casing: 18-inch to 16-inch. Another well being drilled nearby to the south.
833	83.9	Mar. 11, 1941	None	N	

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
834	8 $\frac{1}{2}$ miles south	R. E. Sikes	--	--	89	6	0.6
835	7 $\frac{1}{2}$ miles south	S. E. Wallace	--	--	67	6	0.2
836	6 $\frac{1}{2}$ miles south	Ray Thomas	W. J. Altman	1940	315	15	--
837	7 $\frac{1}{2}$ miles southeast	F. L. Hunsicker	--	--	--	--	1.0
838	10 $\frac{1}{2}$ miles southeast	J. W. Heard	--	1934	231	16	.5
839	11 miles southeast	do.	--	1934	202	16	0.0
840	11 $\frac{1}{2}$ miles southeast	Neff McLaughlin	--	1934	185	16	.8
841	11 miles southeast	do.	--	1935	160	--	1.5
842	11 $\frac{1}{2}$ miles southeast	B. E. Eberstone	--	1937	175	--	1.5
843	12 $\frac{1}{2}$ miles southeast	do.	--	--	--	--	0.0
844	do.	Sam Hunt	Green Machinery Co.	1937	200	18	0.3
845	12 miles southeast	J. A. Lutrick	Floyd Ragen	1936	200	15	1.5
846	12 $\frac{1}{2}$ miles southeast	-- Amerson	--	1945	215	16	--
847	12 miles south	Mrs. Ella M. Kammer	J. C. Cook	1936	212	15	2.0
848	do.	Mrs. J. E. Chiney	--	--	106	--	0.5
849	13 miles south	Texas-New Mexico Utilities Co.	D. L. McDonald	1930	267	18	--
850	do.	do.	do.	1930	182	18	--
851	15 miles south	Arnc Struve	Green Machinery Co.	1944	180	16	--
852	14 $\frac{1}{2}$ miles south	Abernathy Cemetery	--	--	128	--	0.0
853	15 miles south	R. M. Hardesty	-- Asher	1934	200	14	--
854	15 $\frac{1}{2}$ miles south	B. F. and F. W. Struve	Buck Patton	1934	465	14	1.0
855	16 $\frac{1}{2}$ miles southeast	W. A. Waters	-- McDaniels	1937	210	18	1.0
856	13 miles southeast	T. E. Lutrick	-- Tarkington	1936	200	15	1.5
857	13 $\frac{1}{2}$ miles southeast	dc.	-- Regan	1937	200	12	--

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
834	76.7	June 16, 1937	C,H	D,S	
835	60.0	Mar. 11, 1941	None	N	Unused stock well.
836	d/71	--	T,G, 120	Irr	Casing: 15-inch to 11-inch. Pump set at 130 feet, 8-inch column.
837	61.7	Feb. 16, 1945	None	N	
838	59.8	Oct. 21, 1937	T,G, 27	Irr	Cased from water level down. Pump set at 80 feet, 8-inch column. Weak well.
839	63.4	dc.	--	Irr	Casing: 16-inch, perforated below water level.
840	59.7	Dec. 7, 1945	T,G, 80	Irr	Pump set at 110 feet.
841	54.3	dc.	T,G, 27	Irr	Yield 700 gallons a minute reported in 1937. Pump set at 80 feet, 8-inch column. Another well drilled $\frac{1}{2}$ mile southeast proved inadequate supply.
842	57.1	Oct. 21, 1937	T,G, 85	Irr	Yield 900 gallons a minute reported in 1937.
843	59.3	dc.	None	N	Insufficient water for irrigation.
844	65.8	Sept. 10, 1937	T,G, 85	Irr	Casing: 18-inch to 14-inch, set at 138 feet.
845	82.0	Oct. 18, 1937	T,G, 60	Irr	Casing: 15-inch to 11-inch, perforated. Yield 1,100 gallons a minute reported in 1937, 36 feet drawdown after 5 minutes of
846	--	--	T,G, 120	Irr	Reported good well. Another pumping, well drilled $\frac{1}{2}$ mile north failed to
847	88.6	Oct. 18, 1937	None	N	Casing: yield an adequate supply. 15-inch to 12-inch, perforated. Pump
848	95.3	Oct. 30, 1942	C,W	S	removed, well caved in.
849	d/95	--	T,E, 40	Ind	Casing: 18-inch to 13 $\frac{3}{4}$ -inch. Pump set at 130 feet. See log.
850	d/93	--	T,E, 40	Ind	Do.
851	--	--	T,G, 40	Irr	Casing: 16-inch, perforated. Pump set at 150 feet, 8-5/8-inch column. See log.
852	115.7	Feb. 24, 1945	C,W	P	
853	--	--	T,E, --	Irr	Casing: 14-inch to 10-inch. Pump set at 130 feet.
854	105.5	Dec. 10, 1945	None	N	Casing: 18-inch to 14-inch.
855	99.7	July 23, 1937	T,G, 85	Irr	Casing: 18-inch to 12-inch. Drawdown 60 feet reported in 1937. See log.
856	80.4	Dec. 10, 1945	T,G, 20	Irr	Casing: 15-inch to 10-inch, perforated. Pump set at 120 feet, 6-inch column.
857	d/80	--	T,G, 40	Irr	Casing: 12-inch, set at 120 feet. Yield 750 to 800 gallons a minute, reported in 1937.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
858	14 miles southeast	N. Mathews	N. Mathews	1937	200	18	--
859	15 miles southeast	L. Ragland	Sam Young	1937	200	15 $\frac{1}{2}$	1.0
860	10 miles southeast	R. A. Lutrick	--	--	--	--	--
861	8 $\frac{1}{2}$ miles southeast	Jack Shelley	Floyd Reagan	1945	126	16	1.5
862	11 miles south	Mrs. S. R. Merrill	--	--	--	6	.1
863	1 $\frac{1}{2}$ miles southwest	C. C. Phillips	--	1945	180	16	--
864	2 $\frac{1}{2}$ miles southwest	R. L. Burgess	Green Machinery Co.	1943	285	16	--
865	1 $\frac{1}{2}$ miles southwest	do.	Dale Smith	1945	255	16	--
866	1 $\frac{3}{4}$ miles southeast	Nick Alley	M. A. Patton	1938	220	--	--
867	1 $\frac{1}{2}$ miles southeast	do.	-- Fish	1945	200	16	--
868	1 $\frac{3}{4}$ miles southeast	Joe Stubblefield	W. J. Altman	1944	195	14	--
869	7 $\frac{1}{2}$ miles southeast	B. W. Pearson	Van Pate	1940	135	16	--
870	7 miles southeast	George Lantrope	C. J. Robertson	1938	150	14	--
871	7 $\frac{1}{2}$ miles southeast	T. N. Lantrope	-- Pate	1940	160	--	--
872	6 $\frac{1}{2}$ miles southeast	A. K. Price	Van Pate	1940	176	16	--
873	8 miles southeast	W. H. Woodman	Green and Davis	1945	232	14	.5
874	2 $\frac{1}{2}$ miles southwest	C. E. Smith	--	1944	200	16	--
875	2 $\frac{1}{2}$ miles south	do.	--	1944	205	16	--
876	do.	Nolan L. Brown	Green Machinery Co.	1944	260	16	--
877	do.	-- Sneed	--	1945	--	--	--
878	do.	J. W. Worley	Green Machinery Co.	1940	228	16	--
879	3 miles south	R. A. Collins	Sam Scroggins	1945	253	16	--
880	do.	J. W. Grace	--	1945	205	14	--
881	4 $\frac{1}{2}$ miles southwest	Marvin Autrey	Bunney Fish	1944	303	16	--
882	5 miles southwest	J. I. Bowling	W. J. Altman	1940	300	14 $\frac{1}{2}$	--

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
858	d/73	--	T,G, 50	Irr	Casing: 18-inch to 11-inch, set at 130 feet.
859	75.2	Sept. 15, 1937	T,G, 85	Irr	Casing: 15 $\frac{1}{2}$ -inch to 13-inch, set at 120 feet. Pump set at 120 feet, 8-5/8-inch column.
860	--	--	T,G, 80	Irr	
861	69.6	Dec. 7, 1945	T,G, 85	Irr	Casing: 16-inch. Pump set at 90 feet.
862	85.1	Nov. 5, 1937	C,W	D,S	
863	--	--	T,G, 80	Irr	Casing: 16-inch, 8-inch column.
864	--	--	T,G, 85	Irr	Casing: 16-inch, perforated below water level. Pump set at 108 feet, 8-5/8-inch column.
865	--	--	T,G, 85	Irr	Casing: 16-inch, column. See log. shutter type screen. Pump set at 120 feet, 8-5/8-inch column. See log.
866	--	--	T,G, 120	Irr	Casing: 13-inch, perforated below 56 feet. Pump set at 120 feet, 8-5/8-inch column.
867	--	--	T,G, 120	Irr	Casing: 16-inch. column. See log. Pump set at 130 feet, 10-inch column.
868	d/65	--	T,G, 160	Irr	Casing: 14-inch, 157 feet perforated. Pump set at 150 feet, 8-inch column.
869	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 100 feet, 8-5/8-inch column. See log.
870	--	--	T,G, 85	Irr	Casing: 14-inch, perforated, set at 92 feet. Pump set at 120 feet, 7-inch column.
871	d/51	--	None	N	Insufficient water for column. irrigation. See log.
872	d/56	--	T,G, 120	Irr	Casing: 16-inch to 14-inch, set at 58 feet. Pump set at 120 feet, 8-5/8-inch column.
873	46.9	Dec. 7, 1945	T,G, 85	Irr	Casing: 14-inch. column. See log. set at 180 feet. Pump set at 110 feet.
874	--	--	T,G, --	Irr	Casing: 16-inch. Pump set at 120 feet, 8-inch column. See log.
875	--	--	T,G, --	Irr	Casing: 16-inch, perforated. Pump set at 120 feet, 8-inch column.
876	--	--	T,G, 120	Irr	Casing: 16-inch, perforated. Pump set at 120 feet, 8-5/8-inch column. See log.
877	--	--	T,G, 85	Irr	
878	d/65	--	T,G, 120	Irr	Casing: 16-inch, 64 feet, plain; 160 feet, shutter type screen. Pump set at 96 feet, 8-5/8-inch column. See log.
879	--	--	T,G, 120	Irr	Casing: 16-inch, shutter type screen. Pump set at 120 feet, 8-5/8-inch column.
880	--	--	T,G, --	Irr	Casing: 14-inch, perforated. See log. Pump set at 110 feet, 8-inch column.
881	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 130 feet.
882	d/73	--	T,G, 95	Irr	Casing: 14 $\frac{1}{2}$ -inch to 12-inch, perforated. Pump set at 110 feet, 8-inch column.

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Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
883	5 miles south	M. A. Huffines	Green Machinery Co.	1945	320	16	--
884	5½ miles south	W. S. Thomas	do.	1944	318	16	--
885	6 miles south	-- Mcunts	do.	1940	329	16	--
886	7 miles south	Mrs. G. W. Sawyer	--	1945	293	12	--
887	6 miles south	Lee Thomas	--	1945	348	16	--
888	8 miles south	N. E. Favor	Bunney Fish	1945	320	16	--
889	8½ miles south	J. W. Pope	do.	1945	283	16	--
890	7 miles southeast	Horace R. Bryant	--	1938	260	16	1.0
891	8 miles south	W. B. Hood	Green Machinery Co.	1940	280	18	--
892	8½ miles southeast	J. C. Mills	Davis and Greene	1945	250	16	--
893	9½ miles southeast	Jim Heard	do.	1940	170	18	1.0
894	10½ miles southeast	V. D. McLaughlin	V. D. McLaughlin	1944	180	18	1.5
895	do.	do.	do.	1941	180	18	1
896	11½ miles southeast	E. D. Carpenter	W. J. Altman	1940	205	16	0.0
897	12 miles southeast	F. D. Carpenter	do.	1940	175	--	0.8
898	12½ miles southeast	E. R. Stine	Clarence Fox	1940	200	15	--
899	12 miles southeast	J. C. Grisham	John Bell	1940	200	15	--
901	9 miles east	Virgil Young	Virgil Young	1937	170	20	1.0
902	9½ miles east	do.	--	1938	133	15	1.0
903	12½ miles east	C. M. Haddick	Floyd Reagan	1941	180	16	--
904	13 miles east	Hcmmar Vinning	--	1938	--	18	1.0
905	do.	R. C. Reagan	--	1937	150	16	--
906	13½ miles southeast	Floyd Reagan	Floyd Reagan	1936	--	18	1.0

Well	WATER	LEVEL	Method of lift b/	Use of water c/	Remarks
	Below land surface (ft.)	Date of measurement			
883	--	--	--	Irr	Casing: 16-inch. Pump not installed.
884	--	--	T,G, 90	Irr	Casing: 16-inch, perforated. Pump set at 130 feet, 8-5/8-inch column. See log.
885	--	--	T,G, 95	Irr	Casing: 16-inch first 25 feet not cased, 256 feet, perforated. No pump installed.
886	--	--	T,G, 93	Irr	Casing: 12-inch, 225 feet perforated. Pump set at 140 feet, 8-inch column. See log.
887	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 150 feet, 8-inch column. See log.
888	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 168 feet, 8-inch column.
889	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 146 feet, 10-inch column.
890	68.4	Dec. 7, 1945	T,G, 120	Irr	Casing: 16-inch, set at 110 feet. Pump set at 120 feet, 8-inch column. See log.
891	--	--	C,W	D,S	No casing. Insufficient water for irrigation. See log.
892	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 132 feet, 8-inch column.
893	62.3	Dec. 7, 1945	None	N	No casing. Weak well. "Red Beds" reported at 170 feet.
894	54.5	dc.	T,G, 80	Irr	No casing. Pump set at 140 feet, 8-inch column.
895	54.2	dc.	T,G, 85	Irr	No casing. Pump set at 140 feet, 8-inch column. Two wells drilled within $\frac{3}{4}$ of a mile to the south and southwest proved
896	66.7	Dec. 10, 1945	None	N	Casing: 16-inch, an inadequate supply. set from 83 feet to 127 feet. Insufficient water for irrigation. See log.
897	64	Nov. 29, 1940	T,G, 85	Irr	Pump set at 114 feet. See log.
898	--	--	T,G, 95	Irr	Casing: 15-inch, perforated. Pump set at 120 feet, 8-inch column.
899	--	--	T,G, 95	Irr	Casing: 15-inch, set at 105 feet, perforated. Pump set at 110 feet, 8-5/8-
901	44.6	Nov. 29, 1945	T,G, 80	Irr	Casing: 20-inch to 16-inch, inch column. perforated. Drawdown reported 67 feet when pumping 750 gallons a minute. Pump set at 80 feet. Another well drilled $\frac{1}{4}$ mile south failed to yield an adequate
902	40.9	dc.	T,G, 80	Irr	Casing: 15-inch to 12-inch, supply. perforated below water level. Pump set
903	--	--	T,G, 80	Irr	Casing: at 90 feet, 8-5/8-inch column. 16-inch. Yield 750 gallons a minute re-
904	34.2	Nov. 29, 1945	None	N	No casing. Insufficient water for irrigation. reported in 1940.
905	--	--	None	N	No casing. Insufficient water for irrigation; two wells drilled $\frac{1}{4}$ mile north and $\frac{1}{4}$ mile east failed to yield an ade-
906	40.8	Nov. 29, 1945	T,G, 85	Irr	Yield 600 gallons a minute. adequate supply. measured in 1936. Pump set at 90 feet.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
907	14 miles southeast	L. G. Guthrie	Floyd Reagan	1937	237	15	4.0
908	14½ miles southeast	J. H. Abel	do.	1936	217	15	--
909	15 miles east	John W. Thomas	--	Old	60	--	0.0
910	do.	J. N. McWilliams	McDaniels and Elliot	1937	300	16	--
911	do.	Clyde Applewhite	D. L. Handley	1935	270	16	--
912	16 miles east	do.	--	--	--	--	--
913	do.	Mrs. Mamie Elam	-- Casebolt	1937	186	16	--
914	do.	Geo. Meriwether	--	1937	300	15	--
915	14½ miles southeast	J. H. Abel	Floyd Reagan	--	--	--	.5
916	15 miles southeast	G. G. Kemp	--	1936	235	--	.5
917	13 miles southeast	W. H. McDuffee	Floyd Reagan	1936	251	14	--
918	13½ miles southeast	G. G. Kemp	Frank Lard	1937	222	--	3.8
919	do.	do.	-- Young	1937	200	--	--
920	10 miles southeast	L. B. Chunn	-- Altman	1945	243	16	1.0
921	do.	Chas. Wendt	--	--	--	--	.5
922	9½ miles southeast	B. F. Jarvis	--	1944	180	16	1.0
923	9 miles southeast	D. C. Bayley	--	--	--	10	5.0
924	9½ miles southeast	A. J. Harmel	Jim Fox	1937	198	16	1.0
925	10 miles southeast	do.	Sam Young	1937	186	16	--
926	11 miles southeast	A. H. Boyd	C. E. Davis	1936	181	14	1.2

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
907	36.1	Mar. 15, 1940	T,G, 85	Irr	Casing: 15-inch to 13-inch; perforated below 32 feet. Yield 500 gallons a minute measured in 1937. Drawdown, 55 feet. Pump set at 130 feet.
908	d/41	--	T,G, 190	Irr	Casing: 15-inch, perforated. Yield 700 to 800 gallons a minute reported in 1937. Water sands reported at 130 to 217 feet.
909	43.2	Nov. 29, 1945	T,G, 80	Irr	Pump set at 72 feet, 8-inch column. See log.
910	d/32	--	T,G, 85	Irr	Casing: 16-inch, set at 200 feet, perforated. Yield 750 gallons a minute reported in 1937. Water sands reported at 170 to 188 feet. Pump set at 90 feet.
911	d/32	--	T,G, 36	Irr	Casing: 16-inch to 14-inch, perforated. Pump set at 84 feet, 8-inch column. See log.
912	--	--	T,G, 80	Irr	
913	d/40	--	T,G, 80	Irr	Casing: 16-inch, perforated. Yield 1,000 gallons a minute reported in 1937. Pump set at 90 feet, 8-inch column.
914	--	--	T,G, 85	Irr	Casing: 15-inch to 13-inch, set at 200 feet. Reported yield 1,000 gallons a minute. Pump set at 90 feet, 8-inch
915	36.0	Feb. 8, 1944	T,G, --	Irr	No casing. column.
916	39.5	May 5, 1936	T,G, 100	Irr	Yield 800 gallons a minute reported in 1937.
917	d/46	--	T,G, 85	Irr	Casing: 14-inch to 8-inch, perforated. Yield 800 gallons a minute measured in 1937. Pump set at 80 feet, 8-inch column. Another well drilled $\frac{1}{4}$ mile
918	36.0	Oct. 22, 1937	T,G, 85	Irr	Casing: set northeast, never tested. at 20 feet. Yield 700 gallons a minute reported in 1937. Pump set at 110 feet.
919	d/35	--	None	N	Well never tested, tools lost in well.
920	47.5	Nov 29, 1945	T,G, 100	Irr	Casing: 16-inch, set at 110 feet. Pump set at 150 feet. See log.
921	52.8	May 6, 1936	C,W	D,S	
922	48.9	Nov. 29, 1945	T,G, 80	Irr	Casing: 16-inch. Pump set at 110 feet, 8-inch column.
923	50.1	Aug. 9, 1937	None	N	
924	50.5	Nov. 30, 1945	T,G, 85	Irr	No casing. Yield 450 gallons a minute reported in 1937. "Red Beds" reported
925	d/60	--	None	N	Casing: 16-inch, set at at 198 feet. 120 feet, perforated.
926	54.0	Oct. 21, 1937	T,G, 85	Irr	Casing: 14-inch, set at 103 feet, perforated. Yield 850 gallons a minute reported in 1937. Drawdown, 75 feet. Pump set at 100 feet.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
927	11 miles southeast	A. H. Boyd	---	1938	200	16	1.0
928	12 miles southeast	J. D. Buchanan	--	1941	162	18	--
929	do.	J. A. Line	--	--	--	--	0.0
930	12½ miles southeast	Mrs. J. A. Line and Son	---	1937	--	--	--
931	13 miles southeast	S. J. Young	S. J. and M. Young	1937	153	16	1.0
932	do.	do.	do.	1937	150	--	--
933	do.	do.	do.	1937	156	--	--
934	do.	do.	do.	1937	160	--	--
935	13½ miles southeast	do.	do.	1937	200	16	.9
936	14 miles southeast	B. E. Porter	---	--	--	4½	0.0
937	do.	Marvin Young	Marvin Young	1937	163	--	--
938	do.	do.	do.	1937	167	--	1.0
939	do.	do.	do.	1937	160	--	--
940	do.	do.	do.	1937	150	--	--
941	14½ miles southeast	Geo. Meriweather	--	1936	225	15	--
942	17 miles southeast	C. J. Barnard	Tye Bros.	1934	307	--	.4
943	do.	do.	Green Machinery Co.	1937	330	16	--
944	16½ miles southeast	E. H. Curtis	Floyd-Reagan	1936	338	15	--
945	15½ miles southeast	W. T. Harlan	Bradford Supply Co.	1945	379	16	--
946	15 miles southeast	B. E. Porter	H. P. Price	1937	392	15	1.7
947	do.	S. J. Upton	---	Old	72	--	.1

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
927	87.6	May 4, 1938	T,G, 85	Irr	Casing: 16-inch, set at 146 feet, perforated. Yield 875 gallons a minute measured in 1938. Drawdown, 30 feet.
928	--	--	T,G, 85	Irr	No casing. Pump set at 130 feet. Pump set at 90 feet, 8-inch column.
929	41.1	Dec. 1, 1937	None	N	
930	--	--	T,-	Irr	
931	42.9	Oct. 25, 1937	T,G, 80	Irr	Casing: 16-inch, set at 28 to 88 feet. Yield 1,200 gallons a minute reported in 1937. Pump set at 100 feet. "Red Beds"
932	--	--	T,G, 80	Irr	"Red Beds" at reported at 153 feet. 149 feet.
933	d/51	--	T,G, 80	Irr	No casing. Yield 1,200 gallons a minute reported in 1937. Pump set at 90 feet.
934	--	--	T,G, 80	Irr	Pump set at "Red Beds" at 153 feet. 80 feet, 8-5/8-inch column. "Red Beds"
935	51.5	Jan. 30, 1945	T,G, 80	Irr	Casing: 16-inch, set at 152 feet. from 60 to 102 feet. Yield 950 gallons a minute reported in 1937. Pump set at 100 feet. "Red Beds" at 160 feet.
936	43.2	May 7, 1936	C,W	S	
937	--	--	None	N	Insufficient water for irrigation. "Red Beds" at 160 feet.
938	43.8	Oct. 25, 1937	T,G, 80	Irr	Yield 450 gallons a minute reported in 1937. "Red Beds" at 133 feet.
939	--	--	None	N	Well never tested.
940	--	--	None	N	Weak supply, never tested.
941	d/28	--	T,G, 85	Irr	Casing: 15-inch to 13-inch, perforated. Yield 1,000 gallons a minute reported in 1937. Pump set at 90 feet. Another well drilled 1/2 mile north failed to yield an
942	52.0	Jan. 12, 1939	T,G, 80	Irr	Casing: set at 60 adequate supply. feet. Yield 800 gallons a minute reported in 1937. Pump set at 84 feet.
943	--	--	T,G, 100	Irr	Casing: 16-inch to 14-inch, perforated. Yield 1,000 gallons a minute reported in 1937. Pump set at 96 feet, 8-inch column.
944	d/67	--	T,G, 50	Irr	Casing: 15-inch to 8-inch, perforated. Yield 800 gallons a minute with 60 feet
945	--	--	T,G, 80	Irr	Casing: drawdown, reported in 1937. 16-inch, set at 270 feet. Pump set at 140 feet, 8-inch column. "Red Beds" at 269 feet. Replaces old irrigation well
946	54.8	Oct. 22, 1937	None	N	Reported weak supply. nearby.
947	61.8	Mar. 3, 1939	None	N	

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
948	14 miles southeast	E. M. Stephens	Floyd Reagan	1937	208	14	2.0
949	do.	-- Faulkner	--	1924	71	--	0.1
950	13 miles southeast	M. J. Malduf	--	--	--	18	2
951	do.	S. J. Young, Jr.	--	--	--	--	--
952	do.	A. B. Martin	Green Machinery Co.	1937	160	--	--
953	12 miles southeast	do.	-- Tye	1934	260	--	--
954	do.	do.	Green Machinery Co.	1935	260	--	1.0
955	11½ miles southeast	J. W. Heard	--	1936	165	--	1.2
956	11 miles southeast	do.	--	1934	200	--	1.0
957	12½ miles southeast	Joe Sharp	Jim Heard	1941	180	16	.7
958	12 miles southeast	Arthur Bain	A. B. Culp -- Tarkington	1935	108	15	1.0
959	12½ miles southeast	Fete McLaughlin	--	1935	145	--	1.3
960	13 miles southeast	do.	--	1937	143	--	1.5
961	14 miles southeast	R. E. Wilson	H. L. Bartlett	1937	210	--	1.5
962	17 miles southeast	T. B. Haynes	--	1937	--	--	--
963	17½ miles southeast	Mrs. J. F. Beard	-- Tarkington	1936	185	18	--
964	18½ miles southeast	M. Carr	do.	1937	339	15½	--
965	19 miles southeast	Mrs. W. M. Featherston	Bradford Supply Co.	1937	199	15½	--
966	19½ miles southeast	E. M. Carmickle	W. T. Tarkington	1936	175	15	--
967	20 miles southeast	Bob Mayo	do.	1936	179	17	1.0
968	do.	T. B. Rambo	Van Pate	1941	182	14	--
969	19 miles southeast	R. A. Jefferies	Jack Brannon	1937	180	15	--
970	18 miles southeast	W. D. Scarborough	-- Whitfield	1936	179	15	1.0
971	17 miles southeast	L. S. Claiter	-- Tarkington	1936	240	18	1.0

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
948	60.7	Oct. 22, 1937	T,G, 95	Irr	Casing: 14-inch, set at 50 to 130 feet, perforated. Yield 446 gallons a minute with 41 feet drawdown reported in 1937.
949	52.4	May 8, 1936	C,W	D,S	Pump set at 110 feet.
950	58.6	Dec. 4, 1945	T,G, 85	Irr	No casing. Pump set at 130 feet.
951	--	--	T,--	Irr	Pump set at 140 feet, 8-inch column.
952	d/60	--	T,G, 85	Irr	Yield 1,000 gallons a minute, reported in 1937.
953	d/60	--	T,G, 85	Irr	Yield 750 gallons a minute, reported in 1937.
954	61.2	Oct. 22, 1937	T,G, 95	Irr	Yield 755 gallons a minute with 20.5 feet of drawdown measured in 1937. Pump
955	65.6	Oct. 5, 1939	T,G, 85	Irr	Casing; set at 84 feet. See log. from 65 to 137 feet. Yield 800 gallons
956	65.6	June 16, 1938	None	N	Casing: set at a minute, reported in 1937. at 40 feet. Weak supply.
957	59.5	Dec. 4, 1945	None	N	Casing: 16-inch, set from 50 to 122 feet. Adequate supply, but never used.
958	57.9	Sept. 16, 1937	T,G, --	Irr	No casing. Yield 600 gallons a minute reported in 1937. Pump set at 90 feet.
959	59.8	Oct. 21, 1937	T,G, 85	Irr	Casing: set from 60 to 108 feet. Yield 900 gallons a minute reported in 1937.
960	60.5	do.	T,G, 85	Irr	Casing: set at 72 feet. Yield 900 gallons a minute reported in 1937.
961	57.4	do.	T,G, 85	Irr	Casing: 15 $\frac{1}{2}$ -inch to 11 $\frac{1}{2}$ -inch, perforated. Yield 1,000 gallons a minute reported in 1937. Pump set at 91 feet. "Red Beds"
962	--	--	T,G, 85	Irr	Pump set at 110 feet, at 210 feet. 8-5/8-inch column.
963	--	--	T,G, 80	Irr	Casing: 18-inch to 14-inch, perforated. Yield 800 gallons a minute reported in
964	d/61	--	T,E, 30	Irr	Casing: 15 $\frac{1}{2}$ -inch, set at 215 feet, perforated. Yield 800 gallons a minute, reported in 1937. Pump set at
965	--	--	T,G, 35	Irr	Casing: 15 $\frac{1}{2}$ -inch to 120 feet, 8-inch column. inch to 13 $\frac{1}{2}$ -inch. See log.
966	d/65	--	T,E, --	Irr	Casing: 15-inch to 10-inch. Yield 750 gallons a minute, reported in 1937.
967	73.7	Aug. 2, 1937	T,G, 85	Irr	Casing: 17-inch to 13-inch.
968	--	--	T,G, 93	Irr	Casing: 14-inch, lower 115 feet perforated. Pump set at 110 feet, 8-inch.
969	d/58	--	T,G, 85	Irr	Casing: 15-inch to 13-inch, column. set at 169 feet.
970	65.0	June 23, 1939	T,G, 85	Irr	Casing: 15-inch to 10-inch.
971	59.4	Dec. 5, 1945	None	N	Casing: 19-inch. Weak supply. Another well drilled nearby; failed to yield an adequate supply.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
972	16 miles southeast	V. T. Hildreth	V. T. Hildreth	1937	280	15	1.0
973	do.	Glenn Gamble	-- McDaniels	1937	200	15	--
974	17 miles southeast	W. J. Pierson	-- Sawyers	1937	228	18	1.0
975	16½ miles southeast	W. A. Mahagan	Buck Patton	1937	224	18	1.0
976	17½ miles southeast	W. I. Pierson	W. H. Sawyer	1937	216	18	1.5
977	do.	H. S. Lean	-- McDaniels	1937	211	18	.6
978	20 miles southeast	A. W. Jackson	do.	1936	200	15	1.0
979	21 miles southeast	J. W. Allen	Carl Mangum	1937	200	16	2.0
980	21½ miles southeast	Mrs. C. R. Logan	do.	1937	201	15	--
981	22 miles southeast	J. J. Culp	A. B. Culp	1937	158	14	--
992	15 miles east	J. N. McWilliams	Floyd Reagan	1939	280	15	1.2
983	do.	do.	do.	1944	200	16	--
984	14½ miles east	do.	do.	1945	170	16	--
985	do.	J. H. Abel	Sam Scroggins	1945	176	--	--
986	15½ miles southeast	do.	do.	1945	224	--	--
987	13 miles southeast	John J. Smith	--	1938	200	16	--
988	do.	Edwin A. Faytinger	Green Machinery Co.	1941	182	16	--
989	do.	Elsie Ward	-- Young	1945	110	16	--
990	do.	M. J. Malouf	--	--	--	18	--
991	16 miles southeast	Alton Dendy	--	1940	350	16	--
992	15½ miles southeast	Woodson Terrell	Ashert Patton	1942	268	15	--
993	do.	D. D. Langford	--	1941	--	--	--

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
972	51.4	Sept. 10, 1937	T, G, 30	Irr	Casing: 15-inch.
973	d/80	--	T, G, 85	Irr	Casing: 15-inch to 10-inch.
974	75.9	July 23, 1937	T, G, 85	Irr	Casing: 18-inch, Yield 800 gallons a minute reported in 1937.
975	81.0	Dec. 6, 1945	T, G, 85	Irr	Do.
976	98.3	July 23, 1937	T, G, 85	Irr	Do.
977	98.9	do.	T, G, 50	Irr	Casing: 15 $\frac{1}{2}$ -inch to 13 $\frac{1}{2}$ -inch. Reported 40 feet drawdown after pumping 900 gallons a minute for 30 minutes in 1937.
978	80.0	Aug. 3, 1937	T, G, 35	Irr	Casing: 15 $\frac{1}{2}$ -inch to 13 $\frac{1}{2}$ -inch. See log.
979	74.2	Nov. 30, 1945	T, G, 85	Irr	Casing: 16-inch to 14-inch. Pump set at 100 feet.
980	d/80	--	T, G, 85	Irr	Casing: 16-inch to 15-inch. Pump set at 90 feet, 6-inch column. "Red Beds" reported at 200 feet.
981	d/80	--	T, G, 85	Irr	Casing: 14 $\frac{1}{2}$ -inch, set at 40 feet.
982	39.6	Nov. 21, 1939	T, G, 85	Irr	Casing: 15-inch to 14-inch, perforated. Drawdown 45 feet after pumping 765 gallons a minute for 11 hours in 1939. Pump set at 90 feet.
983	--	--	T, G, 85	Irr	Casing: 16-inch. Reported fair well.
984	--	--	T, G, 85	Irr	Casing: 16-inch. Reported good well.
985	--	--	T, G, 100	Irr	Casing: perforated. See log.
986	--	--	--	Irr	Casing: perforated. Pump to be installed. See log.
987	--	--	T, G, 80	Irr	Casing: 16-inch, set at 100 feet. Yield 600 gallons a minute estimated in 1939. Pump set at 70 feet, 8-inch column.
988	--	--	T, G, 95	Irr	Casing: 16-inch, set at 170 feet, perforated below water level. Pump set at 96 feet, 8-5/8-inch column. See log.
989	--	--	T, G, 80	Irr	Casing: 16-inch. Yield 1,200 gallons a minute reported in 1945. Pump set at 80 feet.
990	--	--	T, G, 85	Irr	No casing. Pump set at 130 feet. Another well drilled $\frac{1}{2}$ mile southwest failed to yield an adequate supply. Old irrigation well located $\frac{1}{10}$ mile southeast failed to yield an adequate supply.
991	--	--	T, -	Irr	Casing: 16-inch to 13-inch, perforated below water level. Pump set at 130 feet, 8-inch column.
992	--	--	T, G, --	Irr	Casing: 15 $\frac{1}{2}$ -inch. Pump set at 140 feet, 8-inch column.
993	--	--	T, G, 85	Irr	Pump set at 160 feet, 8-inch column.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
994	17 miles southeast	Joyce F. Davis	W. O. Tye	1944	380	12	--
995	17½ miles southeast	W. S. Hanna	--	--	--	18	2.0
996	15½ miles southeast	Joe Evans	--	1942	200	6	.7
997	14 miles southeast	Burr E. Porter	Sam Young	1938	210	--	--
998	do.	H. M. McElroy	W. J. Altman	1943	160	12	--
999	do.	E. M. Stephens	--	1941	--	--	--
1200	13½ miles northeast	E. M. Carter, Jr.	Green Machinery Co.	1945	250	16	--
1201	do.	do.	Dale Smith	1945	252	16	--
1202	do.	do.	A. W. Fish	1944	250	16	--
1203	14 miles northeast	Mrs. N. A. Price	do.	1945	200	16	--
1204	14½ miles northeast	C. B. White	Green Machinery Co.	1941	210	16	--
1205	15 miles northeast	B. F. Blockson	Carl Mangum	1940	200	16	--
1206	14½ miles northeast	B. J. Anderson	A. W. Fish	1946	200	16	--
1207	15 miles northeast	H. D. Porter	H. P. Price	1940	200	--	--
1208	do.	Bernard Whitfield	--	1945	200	--	--
1209	do.	Frank Barbian	Earl Crabble	1945	210	16	--
1210	15½ miles northeast	H. W. Garrett	L. P. Davis	1944	235	16	--
1211	16 miles northeast	do.	-- Vogel	1945	220	16	--
1212	do.	C. F. Harris	Green Machinery Co.	1946	216	16	--
1213	15 miles northeast	H. C. Hoyle	L. P. Davis	1944	202	--	--
1214	14½ miles northeast	E. T. Davis	-- Stanfield	1945	130	14	--
1215	do.	-- Whitfield	--	1945	--	--	--
1216	14 miles northeast	A. Bertleson	Green Machinery Co.	1944	200	16	--
1217	13 miles northeast	Rev. R. R. Gilbreath	Henry Patzig	1940	200	--	--
1218	12½ miles northeast	R. G. Fain	Green Machinery Co.	1944	208	16	--
1219	do.	F. M. Judah	do.	1945	208	16	--
1220	13 miles northeast	Dick Carter	A. W. Fish	1944	257	16	--

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
994	--	--	T,G, 95	Irr	Casing: 12-inch, perforated below 57 feet. Pump set at 140 feet, 8-inch
995	73.6	Nov. 30, 1945	None	N	Reported insuffi- column. See log. cient water for irrigation.
996	60.8	Dec. 5, 1945	C,W	S	Reported insufficient water for irriga- tion. See log.
997	--	--	T,G, 85	Irr	Casing: perforated. Yield 506 gallons a minute reported in 1940. Pump set at
998	--	--	T,-	Irr	Casing: 12-inch. Pump set 120 feet. at 120 feet, 8-inch column. See log.
999	--	--	T,-	Irr	Pump set at 120 feet, 8-inch column.
1200	d/40	--	--	--	Casing: 16-inch. Pump to be installed.
1201	d/40	--	T,G, 120	Irr	Casing: 16-inch, perforated below water level. Pump set at 110 feet, 10-5/8-
1202	d/40	--	T,G, 120	Irr	Casing: 16-inch. 1 inch column. See log. Pump set at 90 feet, 8-inch column.
1203	--	--	T,G, 95	Irr	Casing: 16-inch, 119 feet perforated.
1204	d/50	--	T,G, 85	Irr	Casing: 16-inch. Pump set at 90 feet.
1205	d/55	--	T,G, 95	Irr	Casing: 16-inch, lower 71 feet perforated. Pump set at 100 feet, 9-inch column.
1206	d/60	--	T,G, 120	Irr	Casing: 16-inch, lower 140 feet per- forated. Pump set at 110 feet, 10-inch
1207	d/35	--	T,G, 95	Irr	Casing: lower 167 feet per- column. forated. Pump set at 90 feet, 9-inch
1208	--	--	T,G, 95	Irr	Pump set at 110 feet, column. See log. 8-inch column.
1209	d/62	--	T,G, 120	Irr	Casing: 16-inch, shutter type screen. Pump set at 120 feet, 8-5/8-inch column.
1210	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at See log. 110 feet.
1211	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 100 feet, 10-inch column.
1212	--	--	T,G, 95	Irr	Casing: 16-inch. Pump set at 120 feet, 9-inch column.
1213	--	--	T,G, 120	Irr	Pump set at 120 feet, 10-inch column.
1214	--	--	T,G, 85	Irr	Casing: 14-inch. Pump set at 80 feet, 8-inch column.
1215	--	--	--	--	Pump to be installed.
1216	--	--	T,G, 150	Irr	Casing: 16-inch, perforated. Pump set at 100 feet, 10-5/8-inch column. See log.
1217	--	--	T,G, 95	Irr	No casing. Pump set at 100 feet, 8-inch column.
1218	d/69	--	T,G, 150	Irr	Casing: 16-inch, perforated. Pump set at 100 feet, 10-5/8-inch column. See log.
1219	d/50	--	T,G, 95	Irr	Casing: 16-inch. Pump set at 100 feet.
1220	--	--	T,G, 120	Irr	Casing: 16-inch, perforated. Pump set at 110 feet, 10-inch column.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
1221	13 miles northeast	L. J. Halbert	Green Machinery Co.	1944	220	12	--
1222	12 miles northeast	Hanley Wasson	Geo. Taylor	1944	250	16	--
1223	11½ miles northeast	E. M. Carter, Jr.	Taylor and Gibbons	1943	240	16	--
1224	11 miles northeast	Wayne Boyd	Green Machinery Co.	1941	203	16	--
1225	10½ miles northeast	A. R. Thompson	do.	1944	190	16	--
1226	11 miles northeast	E. M. Carter, Jr.	Taylor and Gibbons	1943	240	16	--
1227	do.	do.	Dale Smith	1945	320	--	--
1228	do.	do.	Taylor and Gibbons	1943	230	16	--
1229	do.	do.	--	1945	300	16	--
1230	12½ miles northeast	Homer Rook	--	1944	203	16	--
1231	13 miles northeast	Scott Simpson	Green Machinery Co.	1946	228	16	--
1232	do.	Lecn Melton	--	1945	208	--	1.4
1233	13½ miles northeast	Mrs. Rose Babcock	Earl Crabble	1945	192	--	.9
1234	12 miles northeast	B. T. Bridges	Patton and Asher	1942	230	14	--
1235	do.	Homer Rook	Van Pate	1940	184	16	--
1236	11½ miles northeast	Oren L. Robertson	Green Machinery Co.	1941	200	16	--
1237	12 miles northeast	D. D. Bowman	Farmer Cox	1944	210	16	--
1238	do.	do.	Plainview Welding Co.	1946	200	16	--
1239	do.	do.	Bradford Supply Co.	1939	142	14	--
1240	11½ miles northeast	Buck Patten	Buck Patton	1938	221	13	2
1241	11 miles northeast	W. T. Cain	A. W. Fish	1944	197	16	--
1242	10½ miles northeast	J. H. Moore	Green Machinery Co.	1943	215	16	--
1300	20½ miles northeast	G. R. Fain	do.	1944	208	16	--
1301	19 miles northeast	E. Latta	do.	1943	210	16	--

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
1221	--	--	T,G, 95	Irr	Casing: 12-inch. Pump set at 90 feet, 10-inch column.
1222	d/56	--	T,G, 120	Irr	Casing: 16-inch, perforated. Pump set at 100 feet.
1223	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 90 feet, 10-inch column.
1224	d/45	--	T,G, 95	Irr	Casing: 16-inch, lower 144 feet perforated. Pump set at 84 feet, 10-5/8-inch column.
1225	--	--	T,G, 95	Irr	Casing: 16-inch, perforated. Pump set at 90 feet, 10-5/8-inch column. See log.
1226	--	--	T,G, --	Irr	Casing: 16-inch, set at 160 feet. Pump set at 90 feet, 10-inch column.
1227	--	--	T,G, 120	Irr	Casing: shutter type screen. Pump set at 120 feet, 10-5/8-inch column.
1228	--	--	T,G, --	Irr	Casing: 16-inch, set at 160 feet. Pump set at 90 feet, 10-inch column. See log.
1229	--	--	--	--	Casing: 16-inch. Pump not yet installed when visited.
1230	--	--	T,G, --	Irr	Casing: 16-inch, 142 feet perforated. Pump set at 110 feet, 10-inch column.
1231	d/60	--	T,G, 120	Irr	Casing: 16-inch, lower 188 feet perforated. Pump set at 110 feet, 10-inch column.
1232	57	Dec. 15, 1945	T,G, 100	Irr	Pump set at 100 feet, 10-5/8-inch column.
1233	54.3	dc.	T,G, --	Irr	Casing: shutter type screen. Pump set at 98 feet, 8-inch column.
1234	d/67	--	T,G, 95	Irr	Casing: 14-inch. Yield 1,000 gallons a minute, measured in 1943. Pump set at 90 feet.
1235	d/50	--	T,G, 95	Irr	Casing: 16-inch to 12-inch, perforated below water level. Pump set at 90 feet, 10 ³ / ₄ -inch column. See log.
1236	d/53	--	T,G, 95	Irr	Casing: 16-inch, lower 160 feet perforated. Pump set at 84 feet, 10-5/8-inch column.
1237	d/58	--	T,E, 25	Irr	Casing: 16-inch, perforated. Pump set at 70 feet, 8-inch column.
1238	d/55	--	T,E, 25	Irr	Casing: 16-inch. Pump set at 90 feet, 8-inch column.
1239	--	--	T,G, 15	Irr	Casing: 14-inch, set at 92 feet to 142 feet, perforated. Yield 500 gallons a minute, measured in 1939. Pump set at 80 feet.
1240	53.4	Dec. 1, 1939	T,E, 30	Irr	Casing: 13-inch to 10-inch, perforated. Yield 800 gallons a minute reported in 1939. Pump set at 90 feet, 9-inch column.
1241	--	--	T,G, --	Irr	Casing: 16-inch, 9-inch column.
1242	--	--	T,G, 85	Irr	Casing: 16-inch, perforated below water level. Pump set at 84 feet, 10-5/8-inch column. See log.
1300	--	--	T,G, --	Irr	Casing: 16-inch, perforated. Pump set at 110 feet, 10-inch column.
1301	--	--	T,G, 95	Irr	Casing: 16-inch, perforated. Pump set at 90 feet, 10-5/8-inch column. See log.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
1302	18 miles northeast	George C. Purl	C. M. McMillan	1941	210	16	--
1303	17½ miles northeast	E. F. Readheimer	Green Machinery Co.	1944	200	16	--
1304	17 miles northeast	W. C. Evans	A. W. Fish	1945	207	14	--
1305	16½ miles northeast	Carrol W. Moon	M. A. Patten	1940	213	16	--
1306	do.	E. F. Readheimer	Green Machinery Co.	1945	200	16	--
1307	16 miles northeast	Willard White	--	1939	--	--	1.1
1308	17 miles northeast	A. W. Cheddix	A. W. Cheddix	1940	--	--	--
1309	do.	E. Q. Perry	Van Pate	1941	--	16	--
1310	16 miles northeast	J. S. Leach	Green Machinery Co.	1946	200	16	--
1311	15 miles northeast	do.	do.	1946	204	16	--
1312	17 miles northeast	E. Q. Perry	--	1942	200	16	--
1313	do.	J. S. Leach	Green Machinery Co.	1945	204	16	--
1314	18 miles northeast	G. C. Purl	A. W. Fish	1945	200	16	--
1315	do.	B. M. Hughes	--	1941	180	16	--
1316	do.	H. E. Bawden	Green Machinery Co.	1939	250	16	--
1317	18½ miles northeast	B. M. Hughes	A. W. Fish	1945	175	16	--
1318	do.	Mrs. R. E. Bennett	--	1940	200	16	--
1319	19 miles northeast	Z. P. King	Z. P. King	1936	165	16	--
1320	do.	D. Hefflefinger	Green Machinery Co.	1944	220	16	--
1321	21 miles northeast	Mrs. Bobbie Stephens	C. M. McMillan	1941	204	16	1
1322	18½ miles northeast	H. E. Bawden	Green Machinery Co.	1940	215	16	--
1323	17½ miles northeast	do.	do.	1946	250	16	--
1324	16 miles northeast	E. R. White	Davis and Green	1945	190	--	--
1325	14½ miles northeast	E. T. Davis	--	1944	165	--	--
1326	15 miles northeast	J. C. Titus	A. W. Fish	1945	162	16	--
1327	14½ miles northeast	R. G. Stoerner	L. P. Davis and Co.	1945	200	--	--

Well	WATER	LEVEL	Method of lift b/	Use of water c/	Remarks
	Below land surface (ft.)	Date of measurement			
1302	--	--	T,G, --	Irr	Casing: 16-inch, perforated. Pump set at 100 feet, 8-inch column. See log.
1303	d/60	--	T,G, 120	Irr	Casing: 16-inch, perforated. Pump set at 110 feet, 10-5/8-inch column. See log.
1304	--	--	T,G, 85	Irr	Casing: 14-inch, perforated. Pump set at 96 feet, 8-5/8-inch column. See log.
1305	d/60	--	T,G, --	Irr	Casing: 16-inch. Pump set at 100 feet. See log.
1306	d/53	--	--	--	Casing: 16-inch. Pump not yet installed when visited.
1307	49.2	Oct. 12, 1942	T,G, 85	Irr	Pump set at 80 feet.
1308	--	--	T,G, 95	Irr	Pump set at 80 feet, 8-inch column.
1309	--	--	T,G, 85	Irr	Casing: 16-inch, set at 112 feet. Pump set at 90 feet, 10 ³ -inch column.
1310	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 100 feet, 10-inch column.
1311	--	--	T,G, 95	Irr	Casing: 16-inch. Pump set at 100 feet, 8-inch column.
1312	--	--	T,G, 85	Irr	Casing: 16-inch, perforated below water level. Pump set at 90 feet, 10-inch column.
1313	d/57	--	T,G, 95	Irr	Casing: 16-inch. Pump set at 110 feet, 10-inch column.
1314	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 100 feet, 10-inch column.
1315	--	--	T,G, 85	Irr	Casing: 16-inch, perforated below water level. Pump set at 80 feet, 8-inch column.
1316	d/55	--	T,G, 120	Irr	Casing: 16-inch, perforated. Pump set at 116 feet, 10-inch column.
1317	--	--	T,G, 85	Irr	Casing: 16-inch. Pump set at 80 feet, 8-inch column.
1318	--	--	T,G, 95	Irr	Casing: 16-inch. Pump set at 100 feet.
1319	--	--	T,G, 85	Irr	Casing: 16-inch to 12-inch, perforated below water level. Pump set at 80 feet, 8-inch column.
1320	--	--	T,G, 120	Irr	Casing: 16-inch, perforated. See log.
1321	55.6	Feb. 11, 1944	T,G, --	Irr	Casing: 16-inch, lower 167 feet perforated. Pump set at 90 feet, 8-5/8-inch column. See log.
1322	d/50	--	T,G, 120	Irr	Casing: 16-inch, lower 176 feet perforated. Pump set at 126 feet.
1323	d/55	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 130 feet, 10-inch column.
1324	--	--	T,G, 120	Irr	Pump set at 100 feet, 10-inch column.
1325	--	--	T,E, 30	Irr	No casing. Pump set at 80 feet, 8-inch column.
1326	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 90 feet, 8-inch column.
1327	--	--	T,G, --	Irr	Pump set at 98 feet, 8-inch column.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
1328	15½ miles northeast	C. A. Robinson	--	1944	160	18	--
1329	17 miles northeast	A. L. Whitfield	--	1939	122	16	--
1330	16½ miles northeast	M. V. Nash	--	--	--	--	--
1331	16 miles northeast	G. C. Snell	A. W. Fish	1945	200	16	--
1332	15½ miles northeast	C. J. Robertson	C. W. Robertson	1939	163	18	--
1333	do.	do.	do.	1940	165	16	--
1334	15 miles northeast	J. L. Hunter	--	--	--	16	--
1335	14 miles northeast	L. E. Savage	Green Machinery Co.	1943	200	16	--
1336	12 miles northeast	S. E. Curry	--	1945	200	16	1.5
1337	13 miles northeast	Mrs. Lizzie Merryman	--	1945	--	--	--
1338	14 miles northeast	H. La Font	Green Machinery Co.	1931	160	16	--
1339	15 miles northeast	C. J. Robertson	C. W. Robertson	1940	165	16	--
1340	14 miles northeast	C. S. Perry	Green Machinery Co.	1943	204	16	--
1341	do.	Wilber Wilson	--	1944	233	16	--
1342	13½ miles northeast	do.	--	1944	234	16	--
1343	14½ miles northeast	do.	--	1944	259	16	--
1344	do.	M. D. Burrows	Patton and Asher	1942	227	14	--
1345	do.	J. E. Sumners	W. O. Tye	1941	199	13	--
1346	15 miles northeast	D. W. Kerr	Green Machinery Co.	1941	208	16	--
1347	16 miles northeast	Paul McClusky	do.	1944	215	16	--
1348	16½ miles northeast	L. O. McClusky	do.	1941	221	16	--
1349	17 miles northeast	Bert W. Baker	--	1937	49	--	1.5
1350	16½ miles northeast	Henry Hoyle	L. P. Davis and Co.	1945	--	--	--
1351	16 miles northeast	W. R. Hogg	Green Machinery Co.	1942	227	16	--
1352	17 miles northeast	H. O. Pool	Bud Gibbons	1943	203	16	--
1353	17½ miles northeast	Herbert Hartley	Green Machinery Co.	1944	215	16	--

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
1328	--	--	T, G, 125	Irr	No casing. Pump set at 90 feet.
1329	d/50	--	T, G, --	Irr	Casing: 16-inch, set at 87 feet. Pump set at 70 feet. See log.
1330	--	--	T, G, --	Irr	
1331	--	--	T, G, --	Irr	Casing: 16-inch. Pump set at 100 feet, 8-inch column.
1332	--	--	T, G, 95	Irr	No casing. Pump set at 90 feet, 8-inch column.
1333	--	--	T, G, 95	Irr	No casing. Pump set at 90 feet, 10-inch column.
1334	--	--	T, --	N	
1335	--	--	T, G, 95	Irr	Casing: 16-inch, perforated below water level. Pump set at 90 feet, 10-5/8-inch
1336	50.8	Mar. 5, 1946	T, G, 95	Irr	Casing: 16-inch. column. See log. Pump set at 140 feet.
1337	--	--	T, E, 40	Irr	Pump set at 110 feet, 8-inch column.
1338	--	--	T, G, 95	Irr	Casing: 16-inch to 12-inch. Pump set at 96 feet, 8-inch column.
1339	--	--	T, G, 95	Irr	No casing. Pump set at 80 feet, 8-inch column.
1340	d/54	--	T, G, 95	Irr	Casing: 16-inch, perforated below 44 feet. Pump set at 90 feet, 10-5/8-inch
1341	--	--	T, G, --	Irr	Casing: 16-inch to column. See log, 12-inch, perforated. Pump set at 110
1342	--	--	T, G, --	Irr	Casing: 16-inch, feet, 10-inch column. perforated. Pump set at 100 feet, 10-
1343	--	--	T, G, --	Irr	Casing: 16-inch, perforated, inch column. Pump set at 100 feet, 10-inch column.
1344	--	--	T, G, 120	Irr	Casing: 14-inch. Pump set at 90 feet.
1345	--	--	T, G, 95	Irr	Casing: 13-inch, perforated below water level. Pump set at 90 feet, 8-inch
1346	--	--	T, G, 95	Irr	Casing: 16-inch, column. See log. lower 160 feet perforated. Pump set at 120 feet, 10-5/8-inch column. See log.
1347	--	--	T, G, 150	Irr	Casing: 16-inch, perforated. Pump set at 100 feet, 10-5/8-inch column. See log.
1348	--	--	T, G, 95	Irr	Casing: 16-inch, perforated below water level. Pump set at 84 feet. See log.
1349	36.4	Mar. 10, 1941	None	N	
1350	--	--	T, G, --	Irr	Pump set at 110 feet, 10-inch column.
1351	d/52	--	T, G, 95	Irr	Casing: 16-inch, perforated below water level. Pump set at 84 feet, 10-5/8-inch
1352	--	--	T, G, 95	Irr	Casing: 16-inch. Pump column. See log. set at 110 feet, 8-5/8-inch column.
1353	d/62	--	T, G, 100	Irr	Casing: 16-inch, perforated. Pump set at 100 feet, 10-5/8-inch column. See log.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
1354	18 miles northeast	J. E. Rigler	--	1944	200	--	--
1355	19 $\frac{1}{2}$ miles northeast	O. A. Taylor	Peerless Pump Co.	1937	200	16	--
1356	18 $\frac{1}{2}$ miles northeast	W. E. Brown	Green Machinery Co.	1946	240	16	--
1357	18 miles northeast	C. W. Tannahill	do.	1935	200	16	--
1400	10 miles northeast	S. L. Eason	do.	1944	220	16	--
1401	do.	H. O. Pool	do.	1943	200	16	--
1402	10 $\frac{1}{2}$ miles northeast	B. Hannon	--	1944	150	--	--
1403	11 miles northeast	Ralph Walker	--	1943	150	16	--
1404	do.	do.	Green Machinery Co.	1942	186	16	--
1405	11 $\frac{1}{2}$ miles northeast	C. B. Harder	--	1945	175	16	--
1406	12 $\frac{1}{2}$ miles northeast	J. W. Woods	--	1943	204	16	--
1407	do.	V. H. Tull, Sr.	W. O. Tye	1944	300	14	--
1408	13 $\frac{1}{2}$ miles northeast	J. B. Fair	--	1940	--	--	1.0
1409	do.	Ralph Walker	Bradford Supply Co.	1938	160	13	1.5
1410	13 miles northeast	Clarence Stalcup	--	1945	202	16	--
1411	12 $\frac{1}{2}$ miles northeast	C. E. Sheffey	Dale Smith	1945	208	16	1.0
1412	12 miles northeast	do.	Bunney Fish	1944	208	16	--
1413	11 $\frac{1}{2}$ miles northeast	C. A. Robinson	Green Machinery Co.	1940	229	16	--
1414	10 miles northeast	J. C. Terry	do.	1943	120	--	--
1415	9 $\frac{1}{2}$ miles northeast	do.	do.	1940	218	16	--
1416	10 $\frac{1}{2}$ miles northeast	J. F. Cumby	do.	1937	200	16	1.0
1417	9 $\frac{1}{2}$ miles northeast	A. H. Porter	Bradford Supply Co.	1938	160	14	--
1418	9 miles northeast	A. W. Brown	Green Machinery Co.	1940	220	16	--
1419	8 $\frac{1}{2}$ miles northeast	Frank M. Judah	--	1941	200	16	--
1420	do.	P. A. Autrey	J. W. Altman	1943	200	16	--

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
1354	--	--	T,G, --	Irr	Pump set at 90 feet, 10-inch column.
1355	--	--	T,G, 95	Irr	Casing: 16-inch, perforated. Pump set at 96 feet, 8-inch column.
1356	d/45	--	--	--	Pump to be installed.
1357	d/55	--	T,G, 95	Irr	Casing: 16-inch, set at 120 feet. Pump set at 108 feet, 8-inch column.
1400	d/43	--	T,G, 100	Irr	Casing: 16-inch, perforated. Pump set at 90 feet, 8-5/8-inch column.
1401	d/50	--	T,G, 100	Irr	Casing: 16-inch, perforated below water level. Pump set at 90 feet, 8-5/8-inch
1402	--	--	T,G, 60	Irr	column. See log.
1403	--	--	T,G, 85	Irr	Casing: 16-inch. Pump set at 80 feet, 8-inch column.
1404	d/35	--	T,G, 85	Irr	Casing: 16-inch, perforated. Pump set at 72 feet, 10-5/8-inch column. See log.
1405	--	--	T,E, --	Irr	Casing: 16-inch. Pump set at 90 feet, 10-inch column.
1406	--	--	T,E, 50	Irr	Casing: 16-inch. Pump set at 110 feet, 10-inch column.
1407	--	--	T,E, 30	Irr	Casing: 14-inch, lower 248 feet perforated. Pump set at 110 feet, 8-inch
1408	47.4	Nov. 28, 1945	T,G, 85	Irr	column. See log.
1409	48.4	Oct. 11, 1939	T,G, 100	Irr	Casing: 13-inch, perforated. Yield 1,222 gallons a minute measured in 1939. Drawdown 23 feet. Pump set at 90 feet.
1410	--	--	T,G, 100	Irr	Casing: 16-inch, 148 feet perforated. Pump set at 90 feet.
1411	49.7	Nov. 28, 1945	--	--	Casing: 16-inch, shutter type screen. Pump not yet installed when visited.
1412	--	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 90 feet, 10-inch column.
1413	--	--	T,G, 95	Irr	Casing: 16-inch. Pump set at 84 feet, 10-5/8-inch column. See log.
1414	--	--	T,G, 85	Irr	
1415	d/43	--	T,G, 95	Irr	Casing: 16-inch, lower 176 feet perforated. Pump set at 84 feet, 10-5/8-
1416	53.0	Nov. 29, 1945	T,G, 85	Irr	Casing: 16-inch. inch column. See log. Pump set at 80 feet, 10-inch column.
1417	--	--	T,-	Irr	Casing: 14-inch, lower 150 feet perforated. Pump set at 90 feet, 6-inch
1418	d/65	--	T,G, 95	Irr	Casing: 16-inch to 13-inch, column. perforated below water level. Pump set at 96 feet, 10-5/8-inch column. See log.
1419	--	--	T,G, 93	Irr	Casing: 16-inch. Pump set at 90 feet, 8-5/8-inch column.
1420	--	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 100 feet, 8-inch column.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
1421	9 miles northeast	Ray F. Lowe	--	1943	200	14	--
1422	9 $\frac{1}{2}$ miles northeast	A. Van Howling	Green Machinery Co.	1942	200	16	--
1423	10 $\frac{1}{2}$ miles northeast	A. W. Brown	do.	1940	218	16	--
1424	do.	A. G. Cox	--	1929	100	12	--
1425	10 miles northeast	Herman Gregg	R. D. Sawyer	1938	202	14	--
1426	do.	A. M. Fuerbacher	--	1943	155	--	1.5
1427	8 $\frac{1}{2}$ miles northeast	Dennis Heffelfinger	Green Machinery Co.	1945	210	16	1.0
1428	7 $\frac{1}{2}$ miles northeast	W. H. Messick	John Buth	1940	181	16 $\frac{1}{2}$	--
1429	9 $\frac{1}{2}$ miles east	D. Heffelfinger	Green Machinery Co.	1944	208	16	--
1430	11 miles east	A. H. Schrock	dc.	1945	185	16	.3
1431	11 $\frac{1}{2}$ miles east	C. C. Castleberry	do.	1945	176	16	1.5
1432	12 miles northeast	M. E. Courtney	do.	1941	170	16	--
1433	do.	Carroll Castleberry	dc.	1943	175	16	--
1434	do.	W. S. Noel	--	1941	150	15 $\frac{1}{2}$	--
1435	12 $\frac{1}{2}$ miles northeast	C. C. Castleberry	Green Machinery Co.	1941	151	16	--
1436	13 miles northeast	H. O. Thompson	W. O. Tye	1944	200	16	--
1437	do.	do.	C. M. McMillan	1941	200	15 $\frac{1}{2}$	1.3
1438	15 miles northeast	Mrs. J. T. Terrell	Sam Scroggins	1945	224	--	--
1439	13 miles northeast	Sam Young	--	1941	200	--	--
1440	12 $\frac{1}{2}$ miles northeast	L. E. Phipps	Sam Scroggins	1945	202	--	--
1441	13 $\frac{1}{2}$ miles east	Clayton Terrell	L. P. Davis	1941	160	16	--
1442	14 $\frac{1}{2}$ miles east	J. M. Tilson	Green Machinery Co.	1944	202	16	--
1443	12 $\frac{1}{2}$ miles east	J. Wells Kincaid	--	--	--	16	1.0
1444	do.	dc.	--	1944	--	--	2.0

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
1421	--	--	T,G, 100	Irr	Casing: 14-inch. Pump set at 110 feet, 8-inch column.
1422	--	--	T,G, 95	Irr	Casing: 16-inch, perforated below water level. Pump set at 84 feet, 10-5/8-inch column. See log.
1423	--	--	T,G, 95	Irr	Casing: 16-inch, 84 feet, 10-5/8-inch column. See log. lower 160 feet perforated. Pump set at 90 feet, 8-inch column.
1424	d/42	--	T,G, 80	Irr	Casing: 14-inch, set at 190 feet, perforated. Pump set at 90 feet, 9-inch column. See log.
1425	d/55	--	T,G, 80	Irr	Pump set at 90 feet. column. See log.
1426	48.3	Nov. 28, 1945	T,G, 100	Irr	Casing: 16-inch, shutter type screen. No pump installed when visited.
1427	52.8	dc.	--	--	Casing: 16 $\frac{1}{2}$ -inch, shutter type screen below 62 feet. Pump set at 96 feet, 10-5/8-inch column.
1428	d/62	--	T,G, 95	Irr	Casing: 16-inch, 100 feet, 10-5/8-inch perforated. Pump set at 100 feet, 10-5/8-inch column. See log.
1429	d/51	--	T,G, 100	Irr	Casing: 16-inch, shutter type screen. Pump not installed. "Red Beds" reported at 185 feet.
1430	43.5	Nov. 28, 1945	None	N	Casing: 16-inch, shutter type screen. Pump not yet installed when visited.
1431	42.9	dc.	--	--	Casing: 16-inch, lower 128 feet shutter type screen. Pump set at 84 feet, 10-5/8-inch column. See log.
1432	d/43	--	T,G, 95	Irr	Casing: 16-inch, 100 feet, 10-5/8-inch perforated below water level. See log.
1433	--	--	T,G, 85	Irr	Casing: 15 $\frac{1}{2}$ -inch, set at 80 feet. Pump set at 90 feet, 10-inch column. See log.
1434	d/52	--	T,G, 85	Irr	Casing: 16-inch to 12-inch; 114 feet perforated, 20 feet of 12-inch shutter type screen. Pump set at 90 feet, 10-5/8-inch column. See log.
1435	--	--	T,G, 95	Irr	Casing: 16-inch, 160 feet perforated. Pump set at 90 feet, 10-5/8-inch column. See log.
1436	--	--	T,G, 85	Irr	Casing: 15 $\frac{1}{2}$ -inch, lower 10-inch column. 135 feet perforated. Yield 1,000 gallons a minute reported in 1942. Pump set at 90 feet, 8-5/8-inch column. See log.
1437	50.1	Feb. 17, 1944	T,G, 95	Irr	Casing: perforated. Pump set at 110 feet, 10-5/8-inch column.
1438	d/47	--	T,G, 100	Irr	Pump set at 90 feet, 10 $\frac{3}{4}$ -inch column.
1439	--	--	T,G, 100	Irr	Pump set at 110 feet, 10-5/8-inch column. See log.
1440	d/50	--	T,G, 100	Irr	Casing: 16-inch, perforated below water level. Pump set at 100 feet, 10-inch column.
1441	--	--	T,G, 85	Irr	Casing: 16-inch, perforated. Pump set at 90 feet, 10-5/8-inch column. See log.
1442	--	--	T,G, 100	Irr	Casing: 16-inch, perforated below water level.
1443	45.5	Nov. 27, 1945	T,-	Irr	Casing: 16-inch, perforated below water level. See log.
1444	40.8	dc.	T,G, 85	Irr	

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
1445	13 $\frac{1}{2}$ miles east	W. M. Kurfees	Green Machinery Co.	1944	202	16	--
1446	do.	do.	--	1940	200	16	--
1447	9 miles northeast	S. C. Horan	Bunney Fish	1945	209	16	--
1448	8 miles northeast	-- Hardesty	Green Machinery Co.	1945	220	16	--
1449	9 miles northeast	-- Hunter	do.	1945	210	16	--
1450	12 $\frac{1}{2}$ miles northeast	Clyde Young	--	1944	200	--	--
1500	3 $\frac{1}{4}$ miles north	G. C. Johnson	W. J. Altman	1941	--	--	--
1501	3 $\frac{1}{8}$ miles north	W. Rayburn Karrh	Green Machinery Co.	1941	240	16	1.0
1502	3 $\frac{1}{2}$ miles northeast	J. M. Lee	W. J. Altman	1939	240	15	--
1503	do.	Frank Whitkowski	Green Machinery Co.	1940	215	16	--
1504	4 miles northeast	A. K. Juno	--	1941	228	16	--
1505	4 $\frac{1}{4}$ miles northeast	W. L. Hinton	Green Machinery Co.	1942	295	16	--
1506	5 $\frac{1}{2}$ miles northeast	Tom Patton	H. O. Bogle	1945	201	16	--
1507	6 miles northeast	Cager M. Smith	Green Machinery Co.	1945	140	18	--
1508	6 $\frac{1}{2}$ miles northeast	Fred Lowe	Carl Mangum	1940	100	--	--
1509	do.	W. F. Lowe	Asher and Patton	1942	200	15 $\frac{1}{2}$	--
1510	7 miles northeast	Maple Wilson	Carl Mangum	1941	200	16	--
1511	do.	John Miller	--	1945	--	--	--
1512	6 $\frac{1}{2}$ miles northeast	Ed Blakney	Green Machinery Co.	1939	240	16	1.0
1513	6 miles northeast	Pete Blakney	do.	1941	234	16	--
1514	6 $\frac{1}{2}$ miles northeast	Bennie Harris	do.	1939	200	16	.2
1515	5 miles east	Kathleen Ingram	W. J. Altman	1944	300	16	--
1516	do.	do.	--	1940	250	16	--
1517	4 $\frac{1}{2}$ miles east	Grady Sheppard	W. J. Altman	1944	250	15	--
1518	3 $\frac{1}{4}$ miles northeast	T. O. Downey	--	1944	210	16	--
1519	2 $\frac{3}{4}$ miles northeast	Hershel Keeler	--	1941	180	16	--

Well	WATER LEVEL		Method of lift b/	Use of water c/	Remarks
	Below land surface (ft.)	Date of measurement			
1445	--	--	T, G, 100	Irr	Casing: 16-inch, perforated. Pump set at 80 feet, 10-5/8-inch column. See log.
1446	--	--	T, G, 95	Irr	Casing: 16-inch, lower 160 feet perforated. Pump set at 72 feet, 10-5/8-inch
1447	d/49	--	T, G, 100	Irr	Casing: 16-inch. Estimated column. yield 900 gallons a minute. Pump set at
1448	--	--	--	--	Casing: 16- 110 feet, 8-inch column. inch. Pump not yet installed when
1449	--	--	T, G, 100	Irr	Casing: 16-inch. visited.
1450	--	--	T, G, 80	Irr	Pump set at 100 feet,
1500	--	--	T, G, 95	Irr	Pump set at 100 feet, 9-inch column.
1501	60.8	Jan. 21, 1941	T, G, 95	Irr	Casing: 16-inch, lower 176 feet perforated. Pump set at 96 feet, 8-5/8-
1502	d/53	--	T, G, 95	Irr	Casing: 15-inch inch column. See log. to 11 inch, perforated. Pump set at 90
1503	d/51	--	T, -	Irr	Casing: feet, 9-inch column. See log. 16-inch to 8-inch column.
1504	--	--	T, G, 100	Irr	Casing: 16-inch. See log.
1505	d/52	--	T, G, 100	Irr	Casing: 16-inch, perforated below water level. Pump set at 96 feet, 10-5/8-inch
1506	d/44	--	T, -	Irr	Casing: 16-inch. column. See log. Power unit not yet installed when
1507	--	--	T, G, 100	Irr	No casing. Pump set at 110 visited. feet.
1508	d/60	--	T, G, 30	Irr	No casing. Pump set at 90 feet, 8-inch column.
1509	--	--	T, -	Irr	Casing: 15 1/2-inch. Pump set at 90 feet, 10-inch column.
1510	d/60	--	T, G, 95	Irr	Casing: 16-inch, perforated below 60 feet. Pump set at 110 feet, 9-inch
1511	--	--	T, G, 100	Irr	column.
1512	51.6	Feb. 8, 1944	T, G, 95	Irr	Casing: 16-inch, shutter screen type, set at 140 feet. Pump set at 96 feet.
1513	d/45	--	T, G, 95	Irr	Casing: 16-inch, lower 176 feet perforated. Pump set at 96 feet, 10-5/8-
1514	63.6	Jan. 21, 1941	T, G, 85	Irr	Casing: 16-inch. inch column. See log. Pump set at 108 feet, 10-inch column.
1515	--	--	T, G, 85	Irr	Casing: 16-inch. Pump set at 120 feet, 8-inch column.
1516	--	--	T, G, 85	Irr	Casing: 16-inch. Pump set at 90 feet, 8-inch column.
1517	--	--	T, G, 85	Irr	Casing: 15-inch, 185 feet perforated. Pump set at 120 feet, 8-inch column. See
1518	--	--	T, G, 100	Irr	Casing: 16-inch. Pump set at 100 log. feet, 10-inch column.
1519	--	--	T, G, 85	Irr	Casing: 16-inch.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a'
1520	2 miles north	Max Borchardt	Green Machinery Co.	1938	--	16	--
1521	2 $\frac{1}{4}$ miles northwest	Gordon Howe	--	1945	145	16	--
1522	1 $\frac{1}{2}$ miles northwest	Dennis Scaling	M. A. Patton	1938	228	16	--
1523	do.	do.	--	1944	200	16	--
1524	$\frac{3}{4}$ mile north	R. C. Bird	Green Machinery Co.	1942	300	16	--
1525	In Hale Center	W. C. Wilhite	W. J. Altman	1939	110	11 $\frac{1}{2}$	1.0
1526	1 mile southwest	Mrs. L. V. Johnston	M. A. Patton	1940	200	12 $\frac{1}{2}$	--
1527	1 $\frac{1}{2}$ miles southeast	J. O. Shadden	Green Machinery Co.	1944	--	16	--
1528	7 miles northwest	J. W. Little	do.	1944	202	16	1.3
1600	6 $\frac{1}{2}$ miles northwest	V. D. Ross	do.	1945	208	16	--
1601	4 $\frac{3}{4}$ miles northwest	Dr. -- Guest	--	--	--	--	--
1602	do.	L. E. Ing	Sam Scroggins	1945	230	--	--
1603	4 miles northwest	O. D. Laney	L. P. Davis and Co.	1943	186	16	--
1604	do.	J. E. Laney	--	1945	200	16	--
1605	3 $\frac{3}{4}$ miles northwest	Carl Laney	L. P. Davis and Co.	1943	194	16	--
1606	4 miles northwest	S. L. Quisenberry	A. W. Fish	1945	200	16	--
1607	4 $\frac{1}{4}$ miles northwest	--	Green Machinery Co.	1945	190	--	--
1608	4 $\frac{3}{4}$ miles northwest	S. O. Richardson	--	1944	210	--	--
1609	2 miles northwest	O. M. Fruett	Green Machinery Co.	1945	200	16	--
1610	11 $\frac{1}{2}$ miles northwest	Carl W. Hooper	L. P. Davis and Co.	1946	210	17	--
1611	9 $\frac{1}{2}$ miles northwest	G. Steinburg	A. W. Fish	1945	225	18	--
1800	10 miles south	-- Gray	Roland Albert	1945	350	16	1
1801	13 $\frac{1}{2}$ miles south	J. L. Irish	--	1940	--	--	--
1802	16 miles south	Hershel Givens	-- Stanfield	1944	225	16	--
1803	15 $\frac{1}{2}$ miles south	H. H. Vineyard	--	1941	200	16	--
1804	do.	G. W. Waldrit	Geo. Anderson	1942	200	16	--

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
1520	--	--	T, G, 100	Irr	Casing: 16-inch.
1521	--	--	T, -	Irr	Casing: 16-inch. Pump set at 98 feet, 10-inch column.
1522	--	--	T, G, 95	Irr	Casing: 16-inch. Pump set at 100 feet, 8-5/8-inch column. See log.
1523	--	--	T, G, 80	Irr	Casing: 16-inch. Pump set at 100 feet, 10-inch column.
1524	--	--	T, G, 85	Irr	Casing: 16-inch. Pump set at 120 feet.
1525	53.1	Dec. 14, 1939	T, G, 30	Irr	Casing: 11 $\frac{1}{2}$ -inch. Pump set at 90 feet, 7-inch column.
1526	--	--	T, G, 80	Irr	Casing: 12 $\frac{1}{2}$ -inch, perforated. Pump set at 90 feet, 8-inch column. See log.
1527	--	--	T, G, 100	Irr	Casing: 16-inch.
1528	70.6	Dec. 1, 1945	T, G, 85	Irr	Casing: 16-inch, perforated. Pump set at 100 feet, 10 $\frac{3}{4}$ -inch column.
1600	d/60	--	--	--	Casing: 16-inch. Pump to be installed.
1601	--	--	T, G, 120	Irr	
1602	d/63	--	T, G, 120	Irr	Casing: shutter type screen. Pump set at 120 feet. See log.
1603	--	--	T, G, 120	Irr	Casing: 16-inch. Yield 1,000 gallons a minute reported in 1943. Pump set at
1604	--	--	T, G, 95	Irr	Casing: 16- 100 feet, 10-inch column. inch. Pump set at 100 feet, 10-inch
1605	--	--	T, G, 120	Irr	Casing: 16-inch. Pump set at column. 120 feet, 10-inch column.
1606	--	--	T, G, 120	Irr	Casing: 16-inch. Pump set at 110 feet.
1607	d/70	--	T, G, 150	Irr	Casing: shutter type screen. Pump set at 110 feet, 10-5/8-inch column. See log.
1608	--	--	T, G, 120	Irr	Pump set at 110 feet, 8-inch column.
1609	d/80	--	T, G, 120	Irr	Casing: 16-inch. Pump set at 100 feet, 9-inch column.
1610	--	--	T, G, 85	Irr	Casing: 17-inch. Measured yield 1,600 gallons a minute. Pump set at 130 feet,
1611	d/65	--	T, G, 150	Irr	Casing: 18-inch. Pump 10-inch column. set at 130 feet, 10-5/8-inch column.
1800	89.7	Dec. 10, 1945	--	--	Casing: 16-inch. Pump not yet installed when visited.
1801	--	--	T, G, 95	Irr	Pump set at 160 feet. Weak well. Another well drilled $\frac{1}{2}$ mile north failed to yield
1802	--	--	T, E, 50	Irr	Casing: 16-inch, an adequate supply. set at 180 feet. Pump set at 160 feet.
1803	d/118	--	T, E, --	Irr	Casing: 16-inch. Pump set at 170 feet, 8-inch column.
1804	d/118	--	T, E, --	Irr	Casing: 16-inch. Pump set at 160 feet, 8-inch column.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
1805	16 miles south	Fritz Struve	Green Machinery Co.	1940	120	16	--
1806	15 $\frac{1}{2}$ miles south	do.	--	1945	175	18	1
1807	do.	do.	Green Machinery Co.	1944	176	16	--
1808	14 miles south	C. E. Lilley	Bunney Fish	1945	206	16	2.0
1809	13 miles south	C. F. Buske	--	1938	--	16	1.0
1810	do.	J. W. McReynolds	W. J. Altman	1944	215	12 $\frac{1}{2}$	--
1811	do.	W. F. Buske	--	1944	220	16	--
1812	13 miles southeast	B. A. McDougal	W. J. Altman	1944	245	16	--
1813	14 miles southeast	W. H. Ray	do.	1940	291	16	--
1814	14 $\frac{1}{2}$ miles southeast	H. R. Nels	Bradford Supply Co.	1943	290	16	1.5
1815	13 $\frac{1}{2}$ miles southeast	S. M. Harrison	M. A. Patton	1940	295	15	--
1816	13 miles south	Texas-New Mexico Utilities Co.	--	1940	195	24	--
1817	15 $\frac{1}{2}$ miles south	City of Abernathy	--	1934	200	--	--
1818	do.	do.	Clowe and Cowan	1944	226	15	--
1819	13 $\frac{1}{2}$ miles southeast	Lamar McKenzie	Bradford Supply Co.	1941	235	15 $\frac{1}{2}$	--
1820	14 miles southeast	J. R. Fitzgerald	--	1940	210	16	--
1821	14 $\frac{1}{2}$ miles southeast	Dr. L. N. Lipscomb	Carl Mangum	1941	227	16	--
1822	15 $\frac{1}{2}$ miles southeast	W. Wilson	--	1944	200	16	--
1823	do.	P. W. Mitchell	Green Machinery Co.	1941	211	16	--
1824	do.	A. B. Calwell	Floyd Reagan	1940	199	16	--
1825	14 $\frac{1}{2}$ miles southeast	E. L. McGaugh	Carl Mangum	1941	200	16	--
1826	15 $\frac{1}{2}$ miles southeast	W. H. Rollow	W. J. Altman	1943	200	15 $\frac{1}{2}$	1
1827	do.	do.	--	1944	--	15 $\frac{1}{2}$	--
1828	14 miles southeast	M. P. Walker	Longbottom and Gibbons	1938	272	13	--
1829	13 miles southeast	O. D. Rhodes	Green Machinery Co.	1940	200	16	1
1830	do.	Hicks and Gibbons	--	1944	222	16	--

Well	WATER LEVEL		Method of lift b/	Use of water c/	Remarks
	Below land surface (ft.)	Date of measurement			
1805	--	--	T,G, 100	Irr	Casing: 16-inch, 90 feet plain; 80 feet, shutter type screen. See log.
1806	106.2	Dec. 10, 1945	T,G, 100	Irr	Casing: 18-inch.
1807	d/106	--	T,G, --	Irr	Casing: 16-inch, perforated. Pump set at 150 feet, 8-5/8-inch column. See log.
1808	100.9	Dec. 6, 1945	T,G, 120	Irr	Casing: 16-inch. Pump set at 166 feet.
1809	96.7	Dec. 10, 1945	None	N	Casing: 16-inch, set at 10 feet. Insufficient water for irrigation.
1810	d/115	--	T,G, 120	Irr	Casing: 12 $\frac{1}{2}$ -inch, 138 feet perforated. Pump set at 150 feet, 8-inch column. See log.
1811	--	--	T,G, 50	Irr	Casing: 16-inch. Pump set at 150 feet, 9-inch column.
1812	--	--	T,G, 120	Irr	Casing: 16-inch to 12 $\frac{1}{2}$ -inch; 160 feet perforated. Pump set at 150 feet, 8-
1813	d/100	--	T,G, 68	Irr	Casing: 16-inch, 1-inch column. See log. to 13-inch; perforated. Pump set at 170
1814	98.5	Dec. 6, 1944	T,G, 120	Irr	Casing: 16-inch. 1 feet, 8-inch column. Pump set at 150 feet.
1815	d/80	--	T,G, 120	Irr	Casing: 15-inch, perforated below water level. Pump set at 180 feet. Drilled to 210 feet, later deepened to 295 feet.
1816	--	--	T,G, 40	Ind	Casing: 24-inch to 16-inch. See log. See log.
1817	--	--	T,E, 25	P,S	Yield 300 gallons a minute reported in 1945.
1818	d/110	--	T,E, 40	P,S	Casing: 15-inch, set at 173 feet, 80 feet perforated. Pump set at 160 feet.
1819	--	--	T,G, --	Irr	Casing: 15 $\frac{1}{2}$ -inch. Pump set at 150 feet, 8-5/8-inch column. See log.
1820	--	--	T, --	Irr	Casing: 16-inch. Pump set at 120 feet, 8-5/8-inch column.
1821	d/90	--	T,G, 93	Irr	Casing: 16-inch, perforated below 90 feet. Pump set at 160 feet, 8-inch
1822	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 130 feet, 8-inch column.
1823	--	--	T,G, 95	Irr	Casing: 16-inch, perforated below water level. Pump set at 168 feet, 8-5/8-inch
1824	--	--	T,G, 95	Irr	Casing: 16-inch to 14-inch, 1-inch column. See log. Pump set at 120 feet, 8-5/8-inch
1825	d/55	--	T,G, 93	Irr	Casing: 16-inch, perforated below 55 feet. Pump set at 120 feet, 9-inch column.
1826	84.5	Nov. 18, 1945	T,G, 80	Irr	Casing: 15 $\frac{1}{2}$ -inch, 9-inch column. Pump set at 120 feet, 8-inch column.
1827	--	--	T,G, --	Irr	Casing: 15 $\frac{1}{2}$ -inch. Pump set at 130 feet.
1828	--	--	T,G, 85	Irr	Casing: 13-inch, 83 feet plain; 187 feet perforated. Pump set at 120 feet, 8-5/8-
1829	76.9	Dec. 10, 1945	T,G, 95	Irr	Casing: 16-inch, 1-inch column. See log. Pump set at 96 feet, 8-5/8-inch column.
1830	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 120 feet.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
1831	13 miles southeast	N. Mathews	Green Machinery Co.	1940	208	16	1
1832	do.	W. W. Adams	Jack Tarkington	1944	215	14	--
1833	14 miles southeast	W. A. Ragland	do.	1945	210	16	--
1834	14½ miles southeast	V. L. Moreland	Green Machinery Co.	1944	224	16	--
1835	15 miles southeast	Curt Glenn	Jack Tarkington	1945	200	14	--
1836	14½ miles southeast	R. A. Daugherty	do.	1940	200	16	--
1837	do.	O. D. Rhodes	Carl Mangum	1941	170	16	--
1838	16 miles southeast	W. H. Rollow	W. J. Altman	1943	222	15½	--
1839	16½ miles southeast	Robbins Bros.	--	1944	235	16	--
1840	7 miles south	E. D. Heath	Green Machinery Co.	1944	312	16	--
1841	8½ miles southeast	Guy Landers	do.	1941	220	16	--
1842	10 miles south	Walter Hays	do.	1944	345	16	--
1900	14½ miles southeast	Thomas Bros.	do.	1939	225	16	1.0
1901	13½ miles southeast	Marvin Young	--	1943	--	--	--
1902	do.	J. L. Shields	H. C. Reeves	1941	200	15	--
1903	11 miles southeast	J. W. Heard	--	1938	--	--	1.5
1904	12 miles southeast	V. D. McLaughlin	V. D. McLaughlin	1944	180	--	1.5
1905	13½ miles southeast	--	--	1945	--	--	--
1906	13 miles southeast	E. L. Fisher	A. W. Fish	1945	182	18	1.5
1907	14 miles southeast	R. S. Stuart	Carl Mangum	1941	200	16	1.5
1908	11½ miles southeast	O. D. Rhodes	Green Machinery Co.	1945	230	16	--
1909	14 miles southeast	R. S. Stuart	Carl Mangum	1940	230	16	--
1910	15 miles southeast	John W. Fewler	--	1941	--	--	--
1911	16 miles southeast	Ben Farney	Clarence Fox	1940	138	15	--

Well	WATER	LEVEL	Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
1831	74.7	Dec. 10, 1945	T,G, 95	Irr	Casing: 16-inch. Pump set at 120 feet.
1832	--	--	T,G, 30	Irr	Casing: 14-inch, set at 165 feet; 135 feet perforated. Pump set at 120 feet,
1833	--	--	T,G, 120	Irr	Casing: 16-inch. 8-inch column.
1834	d/70	--	T,G, --	Irr	Casing: 16-inch. Pump set at 120 feet, 8-5/8-inch column. See log.
1835	--	--	T,G, 30	Irr	Casing: 14-inch, 120 feet perforated. Pump set at 120 feet, 8-inch column.
1836	--	--	T,G, 95	Irr	Casing: 16-inch. Pump set at 120 feet, 8-inch column.
1837	d/55	--	T,G, 93	Irr	Casing: 16-inch, perforated below 55 feet. Pump set at 130 feet, 8-inch
1838	d/85	--	T,G, 120	Irr	Casing: 15 1/2-inch. Pump set at column. 120 feet, 8-inch column. See log.
1839	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 140 feet. See log.
1840	--	--	T,G, 80	Irr	Casing: 16-inch. Pump set at 150 feet, 8-inch column.
1841	--	--	T,G, 85	Irr	Casing: 16-inch. Pump set at 120 feet, 6-5/8-inch column. See log.
1842	--	--	None	N	Casing: 16-inch, set at 214 feet, perforated. Reported insufficient water for
1900	63.2	Mar. 11, 1941	T,G, 95	Irr	Casing: 16-inch; irrigation. See log. 64 feet. plain; 84 feet, shutter screen type. Yield 925 gallons a minute measured in 1939. Drawdown 47.9 feet. Pump set at 110 feet, 9-inch column.
1901	--	--	T,-	Irr	Pump set at 100 feet, 8-5/8-inch column.
1902	--	--	T,G, 100	Irr	Casing: 15 1/2-inch to 12 1/2-inch. Pump set at 110 feet, 8-5/8-inch column. See log.
1903	61.9	Oct. 5, 1939	T,G, 85	Irr	Reported good well.
1904	57.5	Dec. 4, 1945	--	Irr	No pump installed. "Red Beds" reported at 180 feet.
1905	--	--	--	Irr	Well not completed.
1906	56.8	Dec. 4, 1945	T,G, 30	Irr	No casing. Reported weak well. Pump set at 140 feet. See log.
1907	57.5	Dec. 5, 1945	T,G, 80	Irr	Casing: 16-inch. Reported weak well,
1908	--	--	--	Irr	Casing: 16-inch. Well being developed. "Red Beds" reported at 230 feet. Another well drilled 1/2 mile southeast caved in
1909	d/60	--	T,G, 93	Irr	Casing: 16-inch before pump was set. perforated below 90 feet. Pump set at
1910	--	--	T,G, 100	Irr	Pump set at 130 feet, 9-inch column. 120 feet, 9-inch column.
1911	--	--	T,G, 95	Irr	Casing: 15-inch, perforated. Pump set at 120 feet, 9-inch column. See log.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
1912	16 miles southeast	E. F. Saffel	--	1940	--	--	1.0
1913	15½ miles southeast	Herman Biffle	--	1945	300	16	--
1914	do.	Bert Scarborough	W. J. Altman	1944	158	14	--
1915	16 miles southeast	J. B. Scarborough	do.	1944	142	14	--
1916	16½ miles southeast	T. B. Hayner	Green Machinery Co.	1938	385	--	1.3
1917	17 miles southeast	H. H. Curtis	--	1941	200	16	--
1918	18½ miles southeast	Everette Miller	W. O. Tye	1944	380	12	--
1919	17 miles southeast	Gregory Bros.	--	1944	--	--	--
1920	do.	do.	--	1939	--	--	--
1921	18 miles southeast	Virgil Newton	D. L. Handley	1945	180	16	--
1922	do.	Kenneth Robertson	-- Tarkington	1940	160	16	--
1923	17 miles southeast	William Finkner	do.	1944	200	16	--
1924	16½ miles southeast	do.	--	1944	250	16	--
1925	17 miles southeast	Mrs. Laura Stinebaugh	--	1943	180	16	--
1926	15 miles southeast	Geo. Breeding	-- Mathews	1940	198	16	1.0
1927	do.	Pete McLaughlin	Bunney Fish	1945	235	16	--
1928	15½ miles southeast	Roy Sell	Bud Johnson	1944	198	16	2.0
1929	do.	R. C. Mahagan	--	1938	200	16	--
1930	do.	J. B. Killebrew	--	1944	208	16	--
1931	16 miles southeast	E. A. Thomas	Roscoe and Wortes	1944	201	16	1.5
1932	17 miles southeast	John V. Porterfield	Bud Gibbons	1944	220	14	--
1933	do.	A. B. Myatt	-- Fish	1945	204	16	1.5
1934	18 miles southeast	Mrs. Rosie Agee	Green Machinery Co.	1942	335	16	--
1935	19 miles southeast	Judge R. Bean	--	1944	--	--	--
1936	18 miles southeast	J. H. Crabtree	--	1945	206	14	1.5

Well	WATER LEVEL		Method of lift b/	Use of water c/	Remarks
	Below land surface (ft.)	Date of measurement			
1912	52.9	Nov. 29, 1940	T,G, 85	Irr	
1913	--	--	T,G, 80	Irr	Casing: 16-inch. Pump set at 120 feet, 8-inch column.
1914	--	--	T,G, 80	Irr	Casing: 14-inch, 107 feet perforated. Pump set at 110 feet, 8-inch column.
1915	--	--	T,-	Irr	Do. See log.
1916	53.7	Dec. 5, 1945	Ncne	N	Insufficient water for irrigation. Another well drilled 300 feet to the north failed to yield an adequate supply.
1917	--	--	T,G, --	Irr	Casing: 16-inch. Pump set at 100 feet, 6-inch column.
1918	--	--	T,E, --	Irr	Casing: 12-inch, 294 feet perforated. Pump set at 140 feet, 8-inch column. See
1919	--	--	T,-	Irr	Pump set at 110 feet, 8-inch column. log.
1920	--	--	T,G, 85	Irr	
1921	--	--	T,G, 80	Irr	Casing: 16-inch. Pump set at 120 feet.
1922	--	--	T,G, 80	Irr	Casing: 16-inch, set from 37 to 160 feet. Pump set at 108 feet, 8-inch column.
1923	--	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 110 feet, 8-inch column.
1924	--	--	T,G, 100	Irr	Casing: 16-inch.
1925	--	--	T,G, 80	Irr	Casing: 16-inch. Pump set at 120 feet.
1926	63.9	Dec. 5, 1945	T,G, 100	Irr	Casing: 16-inch, set from 6 to 148 feet. Pump set at 100 feet, 7-inch column.
1927	--	--	T,G, 80	Irr	Casing: 16-inch, set from 119 to 235 feet. Pump set at 120 feet, 8-inch
1928	67.8	Dec. 5, 1945	T,G, 100	Irr	Casing: 16-inch. column.
1929	--	--	T,G, 120	Irr	Casing: 16-inch. Pump set at 120 feet.
1930	--	--	T,G, 100	Irr	Casing: 16-inch.
1931	70.8	Dec. 6, 1945	T,G, 100	Irr	Casing: 16-inch. Pump set at 110 feet, 8-5/8-inch column.
1932	--	--	T,G, 80	Irr	Casing: 14-inch. Pump set at 120 feet, 8-inch column.
1933	84.8	Dec. 6, 1945	T,G, 100	Irr	Casing: 16-inch Pump set at 140 feet.
1934	d/90	--	T,G, 100	Irr	Casing: 16-inch, set at 220 feet; perforated below water level. Pump set at 132 feet, 8-5/8-inch column. See log.
1935	--	--	T,G, 100	Irr	Pump set at 120 feet.
1936	71.4	Dec. 6, 1945	T,G, 80	Irr	Casing: 14-inch. Pump set at 120 feet, 8-inch column.

Records of wells in Hale County -- Continued

Well	Distance from Hale Center	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
1937	17 miles southeast	W. D. Scarborough	-- Briggs	1945	200	15	--
1938	19 $\frac{1}{2}$ miles southeast	Raymond Weise	D. L. Handley	1941	245	16	--
1939	do.	J. B. Sell	J. S. Tarkington	1941	204	16	--
1940	do.	Herman Robertson	Green Machinery Co.	1941	200	16	--
1941	do.	E. D. Reagan	D. L. Handley	1940	245	16	--
1942	19 miles southeast	City of Petersburg	L. A. Peoples	1945	222	12	--
1943	19 $\frac{1}{2}$ miles southeast	-- Garry	Green Machinery Co.	1945	--	16	.3
1944	18 $\frac{1}{2}$ miles southeast	E. D. Reagan	Stanfield and Fox	1944	192	16	--
1945	20 miles southeast	W. F. Holloway	-- Tarkington	1940	--	--	--
1946	20 $\frac{1}{2}$ miles southeast	O. L. Dunson	Davis and Sons	1945	205	16	1.5
1947	21 miles southeast	Max Groce	Stanfield and Fox	1945	200	16	--
1948	do.	W. D. Scarborough	W. J. Altman	1944	200	14	--
1949	20 $\frac{1}{2}$ miles southeast	Otto Groce	Green Machinery Co.	1939	240	16	--
1950	21 miles southeast	J. F. Stanton	Clarence Fox	1940	210	15	--
1951	14 $\frac{1}{2}$ miles southeast	Burr E. Porter	Marvin Young	1940	244	16	--
1952	10 $\frac{1}{2}$ miles southeast	J. S. Armour	--	1944	152	16	--
1953	12 $\frac{1}{2}$ miles southeast	A. Faytinger	Green Machinery Co.	1941	178	18	--
1954	do.	do.	do.	1941	200	16	--
1955	14 $\frac{1}{2}$ miles east	J. N. McWilliams	Floyd Reagan	1945	170	18	--
1956	13 $\frac{1}{2}$ miles southeast	Elsie Ward	-- Young	1945	180	--	--

a/ Measuring point is usually above ground at top of casing, pump base, pipe clamp or well curb. If below ground the figures are preceded by a minus (-) sign.

b/ T, turbine; Cf, centrifugal; C, cylinder; E, electric; G, gasoline; O, diesel or oil; Ng, natural gas; W, windmill; H, hand. Number indicates horsepower.

Well	WATER LEVEL		Method of lift	Use of water	Remarks
	Below land surface (ft.)	Date of measurement			
1937	--	--	T,G, 80	Irr	Casing: 15-inch, set at 140 feet, perforated. Pump set at 120 feet, 8-inch column.
1938	d/90	--	T,G, 80	Irr	Casing: 16-inch. Pump set at 120 feet, 9-inch column.
1939	d/80	--	T,G, 95	Irr	Casing: 16-inch to 12-inch, perforated below water level. Pump set at 108 feet, 10-5/8-inch column.
1940	--	--	T,G, 85	Irr	Casing: 16-inch, 160 feet perforated. Pump set at 120 feet, 9-inch column.
1941	d/90	--	T,G, 80	Irr	Casing: 16-inch. Pump set at 130 feet, 9-inch column.
1942	d/76	--	T,G, --	P	Casing: 12-inch, lower 22 feet perforated. Yield 600 gallons a minute reported in 1945.
1943	74.8	Dec. 30, 1945	--	Irr	Casing: 16-inch.
1944	--	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 120 feet, 8-inch column.
1945	--	--	T,G, 85	Irr	Pump set at 120 feet, 9-inch column.
1946	75.9	Nov. 30, 1945	T,G, 80	Irr	Casing: 16-inch.
1947	--	--	T,G, 80	Irr	Casing: 16-inch. Pump set at 120 feet, 8-inch column.
1948	d/72	--	T,G, 85	Irr	Casing: 14-inch, 132 feet perforated. Pump set at 120 feet, 8-inch column. See log.
1949	--	--	T,G, 100	Irr	Casing: 16-inch. Pump set at 132 feet, 9-inch column.
1950	d/82	--	T,G, 95	Irr	Casing: 15-inch to 12-inch. Pump set at 120 feet, 8-inch column. See log.
1951	d/67	--	T,G, 95	Irr	Casing: 16-inch to 14-inch, perforated. Pump set at 120 feet, 8-5/8-inch column.
1952	--	--	T,G, 80	Irr	Casing: 16-inch.
1953	--	--	None	N	Yield 450 gallons a minute reported in 1945. "Red Beds" reported at 178 feet.
1954	--	--	None	N	Casing: 16-inch, set at 160 feet. Never tested. "Red Beds" reported at 160 feet.
1955	--	--	T,-	N	Reported insufficient water for irrigation.
1956	--	--	None	N	Yield 600 to 700 gallons a minute reported in 1945.

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

d/ Water level reported.

Table of drillers' logs, Hale County, Texas

	Thickness (feet)	Depth (feet)
<u>Well 3</u>		
J. O. Bass, 17½ miles northwest of Hale Center.		
Top soil	4	4
Caliche	8	12
Red clay	21	33
Red sand	37	70
Water sand	38	108
Red sand and gravel	33	141
White sand	21	162
Red sand	13	175
Water sand	14	189
Packsand	2	191
Water sand	29	220

<u>Well 5</u>		
C. R. Spann, 17 miles northwest of Hale Center.		
Top soil	5	5
Caliche	15	20
Dry sand	10	30
Shale and rock	10	40
Dry sand	5	45
Rock boulders	10	55
Gray sand	5	60
Fine-grained sand	35	95
Sand rock	5	100
Coarse-grained sand	15	115
Shale and clay	5	120
Fine-grained sand	15	135
Clay and rock	10	145
Sand and boulders	10	155
Fine-grained sand	25	180
Sand and gravel	15	195
Coarse-grained sand and gravel	15	210

<u>Well 24</u>		
L. R. Vaughn, 18 miles northwest of Hale Center		
Top soil	84	84
Water sand	26	110
Sandy shale	32	142
Red water sand	54	196

	Thickness (feet)	Depth (feet)
<u>Well 29</u>		
Simon Cannon, 14½ miles north of Hale Center.		
Soil	4	4
Sandy clay	16	20
Caliche	10	30
Sandy clay	40	70
Rock	4	74
Water sand	11	85
Rock	15	100
Water sand	30	130
Clay	10	140
Water sand	30	170
Clay	5	175
Water sand	55	230
Clay	2	232
Water sand	11	243

<u>Well 32</u>		
Harley L. Riddle, 13½ miles northwest of Hale Center		
Soil	4	4
Caliche	8	12
Clay	39	51
Hard sand	19	70
Water sand	14	84
Sand rock	14	98
Caliche and clay	28	126
Water sand	14	140
Red clay	15	155
Water sand	45	200

<u>Well 33</u>		
E. T. Hines, 12½ miles northwest of Hale Center.		
Top soil	40	40
Dry packsand	52	92
Quicksand	30	122
White clay and sand	12	134
Red clay	28	162
Quicksand	3	165
Red clay and sand	27	192
Water sand	11	203
Red clay	2	205
Water sand and gravel	7	212
Red clay	4	216

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
<u>Well 36</u>			<u>Well 41</u>		
G. D. Lewellen, 12½ miles northwest of Hale Center.			J. A. Johnson, 16½ miles northwest of Hale Center.		
Top soil	85	85	Soil	6	6
Water sand	43	128	Clay	8	14
Sandy shale	34	162	Shale	12	26
Red water sand	37	199	Clay	17	43
			Clay and shale	23	66
			Hard shale	8	74
			Sand	26	100
			Shale	5	105
			Rock	5	110
			Shale	18	128
			Clay	27	155
			Sand	47	202
<u>Well 38, partial log</u>			<u>Well 43</u>		
E. H. Kirkoff, 10 miles northwest of Hale Center.			Tom Crutchfield, 15½ miles northwest of Hale Center.		
Sand	50	50	Soil	6	6
Quicksand	250	300	Caliche	10	16
Lime and red rock	5	305	Clay	8	24
Red shale	5	310	Hard sand	18	42
Blue shale	5	315	Shale	18	60
Sand	5	320	Good sand	16	76
Shale	10	330	Rock	4	80
Sand	45	375	Sand and boulders	16	96
Quicksand	35	410	Rock	8	104
Red rock	55	465	Red shale	14	118
Blue shale	30	495	Sand	8	126
Red rock	45	540	Red shale	8	134
Blue shale	5	545	Sand	16	150
Red rock	220	765	Shale	8	158
Salt water sand	35	800	Sand	12	170
Red rock	25	825	Clay	8	178
Water sand	15	840	Coarse-grained sand	30	208
Red rock	40	880			
Sand	10	890			
Red rock	155	1045			
Water sand	40	1085			
Red rock	35	1120			
Blue shale	30	1150			
Red rock	10	1160			
Water sand	15	1175			
Red rock	10	1185			
Sand	10	1195			
Sandy red rock	15	1210			
Red sand	15	1225			
Red rock	155	1380			
Anhydrite	55	1435			
Red rock	20	1455			
Anhydrite	5	1460			
Red rock	40	1500			
Salt and anhydrite	10	1510			
Red rock	10	1520			
Salt and red rock	90	1610			
TOTAL DEPTH		3800			
			<u>Well 45</u>		
			H. W. Kirkoff, 14 miles northwest of Hale Center.		
			Soil	3	3
			Caliche	9	12
			Clay	43	55
			Sand rock	10	65
			Hard sand	6	71
			Water sand	14	85
			Lime and sand	27	112
			Lime rock	2	114
			Clay	10	124
			Water sand	21	145
			Clay	10	155
			Water sand	45	200

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 46</u>		
Jack Clark, 14 $\frac{1}{2}$ miles northwest of Hale Center.		
Soil	5	5
Clay	15	20
Clay and rock	15	35
Hard clay and boulders	25	60
Sand	15	75
Hard shale	5	80
Sand and boulders	30	110
Sand, shale and rock	15	125
Good sand	15	140
Hard shale	5	145
Red sand	10	155
Sand and boulders	15	170
Sand	25	195
Clay	5	200

	Thickness (feet)	Depth (feet)
<u>Well 47</u>		
W. M. Cornelius, 15 $\frac{1}{2}$ miles northwest of Hale Center.		
Soil	4	4
Caliche	26	30
Brown clay	15	45
Clay and rocks	6	51
Hard rock	12	63
Sand	22	85
Rock	2	87
Boulders	8	95
Fine-grained sand and rocks	11	106
Clay and rocks	9	115
Rocks	10	125
Sand and rocks	12	137
Red clay	13	150
Fine-grained sand	40	190
Coarse-grained sand	50	240

	Thickness (feet)	Depth (feet)
<u>Well 56</u>		
Harold La Font, 16 $\frac{1}{2}$ miles northwest of Hale Center.		
Soil	5	5
Caliche	15	20
Clay and boulders	20	40
Shale and clay	10	50
Sand	5	55
Clay and shale	15	70
Clay and sand	15	85
Sand	35	120
Lime and sand	45	165

	Thickness (feet)	Depth (feet)
<u>Well 56 -- Continued</u>		
Sand and gravel	25	190
Sand	20	210
Sand and gravel	10	220

	Thickness (feet)	Depth (feet)
<u>Well 57</u>		
Eads and Dodd, 19 $\frac{1}{2}$ miles northwest of Hale Center.		
Soil	6	6
Caliche	12	18
Dry sand	20	38
Clay	10	48
Sand (little water)	8	56
Shale	12	68
Water sand	14	82
Rock	2	84
Fine-grained sand	24	116
Shale	12	128
Fine-grained sand	18	146
Hard shale	14	160
Rock	4	164
Fine-grained sand	51	215

	Thickness (feet)	Depth (feet)
<u>Well 66</u>		
Bob Crenshaw, 20 miles northwest of Hale Center.		
Caliche	20	20
Clay	15	35
Soft rock and sand	17	52
Sand	13	65
Caliche and rock	15	80
Sand	90	170
Sand and gravel	45	215

	Thickness (feet)	Depth (feet)
<u>Well 67</u>		
E. F. Witten, 18 $\frac{1}{2}$ miles northwest of Hale Center.		
Soil	6	6
Caliche	10	16
Dry sand	24	40
Hard shale	14	54
Fine-grained sand	46	100
Sand and boulders	33	133
Clay	15	148
Boulders	10	158
Sand	42	200
Shale	2	202

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 69</u>		
Vil C. Gunter, 18 $\frac{1}{2}$ miles northwest of Hale Center.		
Soil	3	3
Caliche	6	9
Caliche and rock	26	35
Clay	4	39
Caliche and rock	17	56
Sand rock	9	65
Sand	19	84
Rock	4	88
Sand	72	160
Gravel	46	206
<u>Well 70</u>		
Tom Bostic, 18 miles northwest of Hale Center.		
Soil	5	5
Caliche	20	25
Clay and shale	20	45
Rock and boulders	10	55
Sand and shale	20	75
Red clay	5	80
Good sand	80	160
Sand and boulders	4	164
<u>Well 71</u>		
J. V. Daily, 18 miles northwest of Hale Center.		
Soil	5	5
Caliche	15	20
Dry sand and shale	20	40
Clay	6	46
Rock	4	50
Clay and shale	10	60
Clay and sand	10	70
Sand and shale	30	100
Sand and boulders	15	115
Soft sand	10	125
Coarse-grained sand	35	160
Sand and boulders	10	170
Rock	6	176
Sand and gravel	34	210

	Thickness (feet)	Depth (feet)
<u>Well 76</u>		
C. R. Spann, 17 miles northwest of Hale Center.		
Soil	5	5
Caliche	15	20
Clay and shale	15	35
Dry sand and shale	10	45
Rock	5	50
Sand and boulders	5	55
Sand and shale	10	65
Sand	20	85
Sand and boulders	5	90
Sand	10	100
Rock	5	105
Sand and shale	10	115
Clay and shale	10	125
Fine-grained sand	30	155
Coarse-grained sand	15	170
Clay and boulders	5	175
Coarse-grained sand and gravel	35	210
<u>Well 77</u>		
J. O. Bass, 18 miles northwest of Hale Center.		
Soil	3	3
Caliche	37	40
Packsand	8	48
Rock shell	2	50
Sand	3	53
Rock shell	7	60
Packsand	5	65
Sand and gravel	5	70
Rock	8	78
Packsand and rock gravel	7	85
Rock streaks	7	92
Packsand	18	110
Rock	5	115
Sand	10	125
Boulders and sand	10	135
Sand	10	145
Coarse-grained water sand	40	185
Sand and rock	23	208

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 79</u>		
J. O. Bass, 18 miles northwest of Hale Center.		
Soil	4	4
Caliche	21	25
Brown clay and rocks	15	40
Shale	5	45
Rocks	8	53
Clay	7	60
Sand and rocks	25	85
Clay	12	97
Sand	23	120
Clay and rocks	10	130
Sand and gravel	70	200

	Thickness (feet)	Depth (feet)
<u>Well 80</u>		
J. O. Bass, 17 miles northwest of Hale Center.		
Soil	5	5
Caliche	15	20
Clay and shale	15	35
Dry sand and clay	15	50
Fine-grained water sand	10	60
Clay and boulders	10	70
Sand	5	75
Sand and red shale	10	85
Medium hard rock	5	90
Sand and boulders	5	95
Coarse-grained sand	10	105
Fine-grained sand	15	120
Clay and red shale	10	130
Coarse-grained sand	10	140
Joint clay and sand	10	150
Fine-grained sand	30	180
Coarse-grained river sand	30	210

	Thickness (feet)	Depth (feet)
<u>Well 82</u>		
Jones Goode, 16 miles northwest of Hale Center.		
Soil	5	5
Clay	15	20
Caliche	15	35
Clay, shale and rock	15	50
Caliche and rock	20	70
Sand	25	95
Joint clay	25	120
Good sand	20	140
Sand and gravel	15	155
Sand	15	170
Sand and gravel	40	210

	Thickness (feet)	Depth (feet)
<u>Well 83</u>		
Albert Painter, 13 $\frac{1}{2}$ miles northwest of Hale Center.		
Soil	5	5
Caliche	15	20
Shale and clay	10	30
Dry sand and shale	20	50
Clay	7	57
Clay and shale	8	65
Sand	5	70
Rock and boulders	5	75
Fine-grained sand	5	80
Sand and boulders	5	85
Packsand and boulders	15	100
Sand	20	120
Red shale and clay	15	135
Fine-grained sand	30	165
Coarse-grained sand	25	190
Shale and clay	8	198
Coarse-grained sand and gravel	7	205
Coarse-grained sand and boulders	5	210

	Thickness (feet)	Depth (feet)
<u>Well 86</u>		
R. V. Craig, 13 miles northwest of Hale Center.		
Soil	4	4
Clay and caliche	16	20
Dry sand	27	47
Shell rock	7	54
Sand	24	78
Hard shale	6	84
Sand	40	124
Gray-colored shale	18	146
Sand	14	160
Rock	6	166
Sand	56	222
Clay	2	224

	Thickness (feet)	Depth (feet)
<u>Well 87</u>		
Tom Lewellen, 13 $\frac{1}{2}$ miles northwest of Hale Center.		
Soil	5	5
Caliche	15	20
Dry sand and shale	20	40
Clay and shale	20	60
Sand	10	70
Rock and boulders	10	80

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 87 -- Continued</u>		
Sand	25	105
Sand and boulders	10	115
Clay and shale	25	140
Clay	10	150
Sand	25	175
Sand and boulders	15	190
Sand and gravel	30	220

<u>Well 88</u>		
Frank Clark, 12 miles northwest of Hale Center.		
Soil	2	2
Caliche	6	8
Shale	4	12
Dry sand	63	75
Shale	13	88
Fine-grained sand	12	100
Shale	55	155
Clay	7	162
Coarse-grained sand	58	220
Clay	8	228

<u>Well 89</u>		
T. W. Ashburn, 11½ miles northwest of Hale Center.		
Soil	5	5
Caliche	7	12
Clay and shale	45	57
Sand	31	88
Rock	3	91
Sand	21	112
Clay and shale	33	145
Sand and gravel	63	208

<u>Well 92</u>		
L. W. Guthrie, 15½ miles northwest of Hale Center.		
Soil	2	2
Caliche	33	35
Red sand and rock	50	85
Clay and rock	20	105
Fine-grained sand	25	130
Brown clay	12	142
Sand and rocks	13	155
Fine-grained sand	45	200
Coarse-grained sand and gravel	40	240

	Thickness (feet)	Depth (feet)
<u>Well 106</u>		
D. Hefflefinger, 13½ miles north of Hale Center.		
Soil	5	5
Caliche	20	25
Shale and clay	25	50
Rock and boulders	5	55
Sand and shale	40	95
Sandy clay	20	115
Sand	30	145
Clay	10	155
Sand and boulders	80	235
Clay	5	240

<u>Well 136</u>		
L. W. Guthrie, 14½ miles north of Hale Center.		
Soil	5	5
Caliche	15	20
Dry sand	15	35
Clay and shale	15	50
Clay and boulders	15	65
Sand and shale	25	90
Clay and shale	10	100
Red clay	20	120
Sand	35	155
Coarse-grained sand and gravel	20	175
Sand and boulders	33	208

<u>Well 140</u>		
Gene Harris, 15 miles north of Hale Center.		
Soil	5	5
Clay	30	35
Hard shale and clay	15	50
Shale and clay	10	60
Sand	20	80
Joint clay	15	95
Soft clay	15	110
Sand	45	155
Coarse-grained sand	15	170
Sand and gravel	50	220

<u>Well 141</u>		
J. V. Johnson, 15 miles north of Hale Center.		
Soil	5	5
Caliche	15	20

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 141-- Continued</u>		
Clay and shale	20	40
Rock and boulders	10	50
Sand and shale	20	70
Clay and shale	10	80
Sand and clay	10	90
Rock	5	95
Red shale	15	110
Packsand	10	120
Sand	10	130
Sand and boulders	30	160
Coarse-grained sand and shale	45	205

<u>Well 144</u>		
W. D. Herring, 13 miles north of Hale Center.		
Soil	3	3
Caliche	13	16
Red clay	26	42
Cap rock and shells	16	58
Red sand	32	90
Red clay	36	126
Brown sand and small gravel	80	206
Red clay and sand streaks	10	216

<u>Well 148</u>		
L. T. Mayhugh, 14 miles northwest of Hale Center.		
Soil	5	5
Caliche	15	20
Dry sand	20	40
Clay and boulders	15	55
Clay and shale	45	100
Coarse-grained sand	20	120
Fine-grained caving sand	35	155
Sand and boulders	10	165
Coarse-grained sand	55	220

<u>Well 154</u>		
Winfred Smith, 10 $\frac{1}{2}$ miles northwest of Hale Center.		
Soil	3	3
Caliche	17	20
Packsand and clay	35	55
Streaks of soft rock	5	60
Soft water sand	5	65

	Thickness (feet)	Depth (feet)
<u>Well 154 -- Continued</u>		
Rock and caliche	5	70
Sand	10	80
Rock	7	87
Sand	13	100
Rock	5	105
Sand	10	115
Clay	5	120
Sand	10	130
Boulders and sand	10	140
Clay	10	150
Sand and boulders	25	175
Coarse-grained sand and boulders	65	240

<u>Well 155</u>		
Frank Clark, 9 $\frac{1}{2}$ miles northwest of Hale Center.		
Soil	3	3
Caliche and rock	11	14
Clay and shale	11	25
Sand and shale	25	50
Dry sand	28	78
Fine-grained sand	18	96
Gravel	10	106
Clay and shale	14	120
Sand	22	142
Clay	8	150
Sand and gravel	20	170
Coarse-grained sand	58	228
Clay	2	230

<u>Well 156</u>		
L. P. Barker, 9 $\frac{1}{2}$ miles northwest of Hale Center.		
Soil	6	6
Caliche	9	15
Clay	10	25
Shale	20	45
Gray-colored shale	33	78
Sand	37	115
Shale	9	124
Sand	49	173
Clay	9	182
Sand	28	210
Sand and gravel	19	229
Clay	3	332

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 158</u>		
Cecil Watson, 10 $\frac{1}{2}$ miles northwest of Hale Center.		
Soil	3	3
Caliche	5	8
Red sand	7	15
Red sand and clay	23	38
Clay	10	48
Water sand and gravel	14	62
Sand rock	3	65
Water sand	21	86
Rock	2	88
Sand rock	32	120
Sand	23	143
Sandy clay	14	157
Water sand and sand rock	61	218

	Thickness (feet)	Depth (feet)
<u>Well 161</u>		
F. B. Hunt, 12 miles north of Hale Center.		
Soil	4	4
Caliche	21	25
Brown clay	30	55
Sand and rock	15	70
Clay	8	78
Sand	17	95
Shale	20	115
Fine-grained sand with streaks of rock	75	190
Coarse-grained sand and gravel	34	224

	Thickness (feet)	Depth (feet)
<u>Well 162</u>		
Henry Harper, 12 $\frac{1}{2}$ miles north of Hale Center.		
Soil	5	5
Caliche	15	20
Clay and shale	20	40
Rock	5	45
Clay and boulders	15	60
Sand and shale	15	75
Clay and shale	35	110
Sand	25	135
Sand and boulders	15	150
Sand	30	180
Sand and gravel	30	210

	Thickness (feet)	Depth (feet)
<u>Well 170</u>		
Frank Zeleny, 12 $\frac{1}{3}$ miles north of Hale Center.		
Soil	8	8
Caliche	4	12
Dry sand	10	22
Caliche and clay	24	46
Sand	18	64
Rock	4	68
Sand	10	78
Rock	8	86
Sand and shale	14	100
Sand	5	105
Red shale	9	114
Fine-grained sand	16	130
Soft shale	18	148
Sand	18	166
Gray-colored quicksand	22	188
Coarse-grained sand	32	220

	Thickness (feet)	Depth (feet)
<u>Well 171</u>		
S. A. Haley, 11 miles north of Hale Center.		
Soil	5	5
Caliche	7	12
Dry sand	7	19
Sand rock	36	55
Clay and shale	13	68
Sand	12	80
Hard shale	23	103
Sand	12	115
Rock	3	118
Sand	22	140
Hard shale	15	155
Sand	45	200

	Thickness (feet)	Depth (feet)
<u>Well 172</u>		
Lester James, 8 $\frac{1}{2}$ miles northwest of Hale Center.		
Soil	6	6
Caliche	6	12
Clay	8	20
Dry sand	25	45
Clay	23	68
Rock	7	75
Sand	9	84
Shale	6	90

(Continued on next page)

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Table of drillers' logs, Hale County -- Continued

	Thickness (feet).	Depth (feet)
<u>Well 172 -- Continued</u>		
Fine-grained packsand	25	115
Sand	40	155
Shale and sand	28	183
Coarse-grained sand and gravel	53	236

<u>Well 251</u>		
C. A. Simmons, 11 miles northeast of Hale Center.		
Top soil	3	3
Clay	17	20
(No record)	15	35
Clay rock	3	38
Sand rock	12	50
Soft clay	15	65
Shale, rock and clay	15	80
Sand	30	110
Red sand	15	125
Sand	15	140
Sand and gravel	15	155
Sand	15	170
Sand and gravel	15	185

<u>Well 258</u>		
Henry Seale, 9½ miles north of Hale Center.		
Top soil	5	5
Caliche	15	20
Dry sand	15	35
Hard shale	5	40
Water sand	15	55
Caliche rock	15	70
Sand	10	80
Joint shale and clay	10	90
Sand	5	95
Fine-grained sand and shale	30	125
Sand and hard shale	15	140
Sand	30	170
Coarse-grained sand	5	185
Coarse-grained sand and gravel	15	200
Sand and gravel	25	225
Joint clay and shale rock	5	230

	Thickness (feet)	Depth (feet)
<u>Well 262</u>		
Fred Joachim, 10 miles north of Hale Center.		
Top soil	3	3
Soft chalky caliche	33	36
Hard caliche rock shell	4	40
Soft caliche	15	55
Hard flinty rock	3	58
Sand	10	68
Rock with clay	12	80
Fine-grained sand	8	88
Rock and shale	4	92
Shale and thin sand streaks	18	110
Soft water sand	33	143
Shale	7	150
Fine-grained sand	80	230

<u>Well 269</u>		
C. F. Harris, 16½ miles northeast of Hale Center.		
Top soil	5	5
Caliche	12	17
Dry sand	18	35
Hard shale	15	50
Sand	15	65
Shale	15	80
Clay and shale	10	90
Sand	35	125
Coarse-grained sand and gravel	15	140
Sand	15	155
Rock and boulders	10	165
Soft sand	10	175
Sand and shale	12	187
Soft sand	21	208
Rock beginning at 208. feet.		

<u>Well 276</u>		
Ben Schulz, 16 miles north of Hale Center.		
Top soil	4	4
Caliche	11	15
Brown clay	20	35
Shale	13	48
White rock	4	52
Clay	7	59

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 276 -- Continued</u>		
Sand	11	70
Rock	3	73
Gray sand	32	105
Gray shale	15	120
Red sand	25	145
Clay and rock	35	180
Red sand	20	200
Clay and rock	12	212
Sand	28	240

	Thickness (feet)	Depth (feet)
<u>Well 278</u>		
Ranzell Morgan, 15 $\frac{1}{2}$ miles north of Hale Center.		
Top soil	5	5
Caliche	15	20
Clay and shale	20	40
Shale and boulders	10	50
Clay and shale	10	60
Sand and shale	15	75
Rock and boulders	10	85
Red shale	10	95
Fine-grained sand	15	110
Clay	5	115
Fine covey sand	30	145
Sand and boulders	30	175
Coarse-grained sand and gravel	35	210

	Thickness (feet)	Depth (feet)
<u>Well 285</u>		
Lester James, 14 $\frac{1}{2}$ miles north of Hale Center.		
Caliche	20	20
Clay	15	35
Rock and clay	10	45
Fine-grained sand	8	53
Rock	2	55
Clay and loose rock	10	65
Sand	30	95
Clay	10	105
Sand	50	155
Sand and gravel	30	185
Sand	30	215
Sand and gravel	22	237

	Thickness (feet)	Depth (feet)
<u>Well 294</u>		
Hubert Donthet, 11 $\frac{1}{2}$ miles north of Hale Center.		
Top soil	6	6
Caliche	8	14
Clay	14	28
Shale and clay	27	55
Sand	8	63
Rock	15	78
Hard shale	22	100
Sand	58	158
Shale	7	165
Clay	9	174
Sand and gravel	26	200
Clay	4	204

	Thickness (feet)	Depth (feet)
<u>Well 296</u>		
Bob Hooper, 11 $\frac{1}{2}$ miles northeast of Hale Center.		
Caliche	20	20
Dry sand	15	35
Clay and rock	10	45
Sand	20	65
Hard clay and shale	15	80
Clay	15	95
Sand and shale	15	110
Sand	60	170
Sand and gravel	30	200
Sand	15	215
Sand and gravel	25	240

	Thickness (feet)	Depth (feet)
<u>Well 298</u>		
H. M. Hamilton, 12 miles northeast of Hale Center.		
Top soil	3	3
Rocky caliche	22	25
Brown clay	20	45
Sand and rock	15	60
Rock	5	65
Sand and rock	15	80
Red shale	30	110
Coarse-grained sand	40	150
Clay	10	160
Coarse-grained sand	45	205
Gravel	20	225
Clay	3	228

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 318</u>		
A. L. Sammann, 20 $\frac{1}{2}$ miles northeast of Hale Center.		
Top soil	4	4
Caliche	21	25
Sand	5	30
Clay	13	43
Rock	8	51
Clay and soft rock	19	70
Clear joint clay	32	102
Rock	8	110
Sand	13	123
Red clay, joint	20	143
Sand and gravel	47	190
Rock	5	195
Small rock and clay	30	225

	Thickness (feet)	Depth (feet)
<u>Well 333</u>		
Perry Wood, 18 $\frac{1}{2}$ miles northeast of Hale Center.		
Top soil	5	5
Caliche	15	20
Clay and boulders	25	45
Sand and shale	10	55
Clay and boulders	10	65
Red sand	10	75
Rock	5	80
Gray sand	10	90
Sand	20	110
Rock	5	115
Clay and boulders	10	125
Coarse-grained sand	80	205

	Thickness (feet)	Depth (feet)
<u>Well 353</u>		
P. W. Jackson, 15 $\frac{1}{2}$ miles northeast of Hale Center.		
Top soil	44	44
White clay and sand	35	79
Red clay	12	91
Caving sand	11	102
Sandy clay	25	127
White sand and gravel	32	159
White clay	4	163
Red sand	21	184
Red clay	4	188
White sand	13	201
Hard-packed gravel and sand	22	223
White clay	3	226

	Thickness (feet)	Depth (feet)
<u>Well 374</u>		
Syd Parker, 14 miles northeast of Hale Center.		
Top soil	5	5
Caliche	15	20
Clay and shale	15	35
Rock	5	40
Clay and boulders	10	50
Clay and shale	25	75
Red clay and sand	15	90
Rock	5	95
Clay and sand	5	100
Sand and shale	10	110
Sand	25	135
Sand and boulders	10	145
Red clay	10	155
Sand	35	190
Coarse-grained sand	45	235

	Thickness (feet)	Depth (feet)
<u>Well 376</u>		
C. C. Mallow, 14 miles northeast of Hale Center.		
Top soil	5	5
Caliche	15	20
Clay	15	35
Dry sand	30	65
Clay and rock	15	80
Sand	20	100
Clay and boulders	10	110
Clay and rock	15	125
Sand	30	155
Sand and gravel	50	205

	Thickness (feet)	Depth (feet)
<u>Well 393</u>		
B. M. Farmer, 18 miles northeast of Hale Center.		
Caliche	20	20
Clay	15	35
Clay and loose rock	15	50
Rock	2	52
Sand and sand rock	28	80
Clay	10	90
Sand	50	140
Sand and shale	15	155
Sand	15	170
Sand and gravel	30	200

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 396</u>		
E. M. Osborn, 20 miles northeast of Hale Center.		
Top soil	5	5
Caliche boulders	25	30
Clay and shale	25	55
Sand and shale	15	70
Sand, some boulders	15	85
Clay	5	90
Sand	5	95
Clay	10	105
Sand, some boulders	80	185
Clay	5	190
Sand and boulders	20	210

	Thickness (feet)	Depth (feet)
<u>Well 423</u>		
H. A. Hubbard, 14 $\frac{1}{2}$ miles northeast of Hale Center.		
Soil	5	5
Dry sand	15	20
Caliche	15	35
Hard rock and caliche	15	50
Joint clay and shale	15	65
Sand	15	80
Soft clay	15	95
Sand rock	15	110
Sand	30	140
Good sand	60	200

	Thickness (feet)	Depth (feet)
<u>Well 426</u>		
Brad Cox, 17 miles northeast of Hale Center.		
Top soil	44	44
Water, clay and gravel	4	48
Rock	4	52
Sand and clay	36	88
Caving sand	5	93
Water, gravel and clay	34	127
Caving yellow sand	7	134
Caving red sand	20	154
Light-yellow caving sand	11	165
Red clay	7	172
Light-red water sand	14	186
Red clay and sand	8	194
Red water sand and gravel	7	201

	Thickness (feet)	Depth (feet)
<u>Well 464</u>		
Clayton Terrell, 14 miles northeast of Hale Center.		
Soil	3	3
Soft caliche	19	22
Hard caliche and rock	22	44
Red clay	26	70
Sand	13	83
Clay	4	87
Sand	23	110
Rock streaks	10	120
Sand	15	135
Clay	8	143
Rock streaks	3	146
Rock sand	14	160
Water sand	63	223
Red beds	3	226

	Thickness (feet)	Depth (feet)
<u>Well 477</u>		
C. J. Jagelky, 7 $\frac{1}{2}$ miles northeast of Hale Center.		
Unrecorded	38	38
Caving sand	4	42
Rock, gravel and sand	3	45
Soft water clay	7	52
Rock	9	61
Clay	5	66
Dry sand	6	72
White clay and sand	34	106
Rock	2	108
White clay	6	114
White sand	4	118
Yellow sand	16	134
Rock	15	149
Red beds	27	176

	Thickness (feet)	Depth (feet)
<u>Well 478</u>		
Buchanan Bros., 7 miles northeast of Hale Center.		
Soil	2	2
Yellow clay	24	26
Yellow clay, sand and gravel	15	41
Rock	5	46
White clay, sand and gravel	6	52
Red clay and sand	4	56

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 478 -- Continued</u>		
Sand	9	65
Hard rock	4	69
Soft rock	1	70
Hard rock	21	91
Yellow clay	10	101
Rock	2	103
Yellow clay and sand	1	104
Rock	2	106
Yellow clay and sand	2	108
Rock	3	111
Red clay	2	113
Red sand	8	121
Blue clay	3	124
Red clay	3	127

<u>Well 479</u>		
Geo. Benefield, 7½ miles northeast of Hale Center.		
Soil	5	5
Caliche	15	20
Clay and shale	15	35
Dry sand	15	50
Sand and boulders	35	85
Sand and clay	30	115
Sand and shale	10	125
Sand	15	140
Sand and clay	10	150
Sand	20	170
Coarse-grained sand	54	224

<u>Well 483</u>		
Jagelky Bros., 7½ miles east of Hale Center.		
Top soil	3	3
Sandy white soil and caliche	7	10
Light-colored sandy clay	10	20
Caliche	12	32
Brown limestone	4	36
Caliche	5	41
Sandy clay, water at 41'	19	60
Sandy red gravel and clay	5	65
Limestone	17	82
Yellow sand	4	86
Sandy yellow gravel	8	94
Hard rock	2	96
Yellow sand	4	100
Sandy white clay	7	107
White water sand	7	114

	Thickness (feet)	Depth (feet)
<u>Well 483 -- Continued</u>		
White clay	3	117
Sandy red clay	12	129
Sandy gray clay	6	135
Sandy clay and gravel	25	160
Red beds	22	182

<u>Well 488</u>		
John Terrell, 14½ miles east of Hale Center.		
Soil	6	6
Caliche	12	18
Clay	6	24
Hard shale	7	31
Rock	7	38
Clay and shale	28	66
Sand and shale	12	78
Sand	43	121
Rock	5	126
Hard shale	11	137
Sand and gravel	12	149
Red clay and gravel	13	162
Blue clay and sand	15	177

<u>Well 489</u>		
John Terrell, 14½ miles east of Hale Center.		
Soil	5	5
Caliche	15	20
Clay and boulders	10	30
Hard rock	5	35
Red clay	30	65
Water sand	10	75
Sandy clay	15	90
Sand and boulders	10	100
Sand	60	160
Clay	4	164
Good sand	48	212
Clay	3	215

<u>Well 491</u>		
L. M. Frogg, 16 miles east of Hale Center.		
Soil	4	4
Clay and gravel	20	24
Clay	16	40
Clay and gravel	20	60

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 491 -- Continued</u>		
Water sand	4	64
Clay and gravel	36	100
Brown clay	16	116
Water sand	26	142
Joint clay	6	148
Sand and boulders	27	175
Clay	7	182
Sand	13	195
Clay and rock	10	205
Water sand	17	222
Clay	3	225

<u>Well 492</u>		
Clayton Terrell, 15 miles east of Hale Center.		
Soil	5	5
Caliche	19	24
Very hard rock	4	28
Shale	7	35
Very hard rock	5	40
Sand and clay	18	58
Water sand	12	70
Sand, clay and boulders	15	85
Clay and shale	5	90
Sand and shale	30	120
Good sand	20	140
Rock and boulders	10	150
Clay	20	170
Sand and boulders	10	180
Sand	5	185
Clay and boulders	5	190
Red beds	10	200

<u>Well 493</u>		
Clayton Terrell, 14 miles east of Hale Center.		
Soil	5	5
Caliche	15	20
Rock	20	40
Clay	20	60
Sand and shale	15	75
Sand and clay	25	100
Sand	10	110
Sand and shale	15	125
Sand	15	140
Sand and clay	20	160
Clay	10	170
Rock and clay	30	200

	Thickness (feet)	Depth (feet)
<u>Well 493 -- Continued</u>		
Sand and shale	15	215
Sand and clay	30	245
Sand and gravel	35	280
Clay	5	285

<u>Well 494</u>		
Clayton Terrell, 14 miles east of Hale Center.		
Soil	5	5
Caliche	15	20
Rock	10	30
Shale and clay	30	60
Soft sand	10	70
Brown clay	110	180
Water sand	25	205
Blue and yellow clay	10	215
Red clay	25	240

<u>Well 497</u>		
S. E. Curry, 15½ miles northeast of Hale Center.		
Soil	21	21
Sand	20	41
Hard rock	3	44
Sand	5	49
Hard rock	3	52
Broken sand	11	63
Clay and caliche	20	83
Hard chert	2	85
Packsand	12	97
Sand and clay	27	124
Broken sand	14	138
Water sand	9	147
Packsand	6	153
Water sand	44	197
Clay	7	204

<u>Well 538</u>		
I. D. McEacher, 6½ miles north of Hale Center.		
Soil	5	5
Clay	45	50
Clay and rock	15	65
Clay	5	70
Sand	25	95
Clay, shale and rock	15	110

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 538 -- Continued</u>		
Sand	30	140
Good sand	15	155
Sand	15	170
Coarse-grained sand	15	185
Sand and gravel	45	230

<u>Well 539</u>		
Fred Rastetter, 3 $\frac{1}{4}$ miles northeast of Hale Center.		
Top soil	2	2
Clay	30	32
Dry sand and boulders	26	58
Brown water sand	23	81
White clay	29	110
Red clay	28	138
Packsand	19	157
Water sand	18	175

<u>Well 541</u>		
F. A. Davis, 4 $\frac{1}{4}$ miles northeast of Hale Center.		
Soil	6	6
Caliche	12	18
Shale	10	28
Dry sand	14	42
Clay	18	60
Shale	11	71
Sand and clay	21	92
Rock	6	98
Sand	39	137
Sand and shale	9	146
Sand and clay	24	170
Coarse-grained sand	14	184
Sand and gravel	32	216
Clay	4	220

<u>Well 551</u>		
Buchanan Bros., 6 miles east of Hale Center.		
Soil	4	4
White clay	2	6
Yellow clay	33	39
Rock	8	47
Red clay and sand	6	53
Rock	19	72
Red clay, sand and gravel	15	87
Red clay	19	106

	Thickness (feet)	Depth (feet)
<u>Well 551 -- Continued</u>		
Sand	8	114
White clay and sand	28	142
Red clay	2	144
Sand	6	150
Red clay	11	161
Coarse-grained sand	7	168
Yellow clay and sand	17	185
Light-colored yellow sand	6	191
Red clay	2	193
Yellow clay and sand	15	208
Yellow sand	4	212
Yellow clay and packsand	62	274
Coarse-grained yellow sand	24	298

<u>Well 562</u>		
Republic Insurance Company, 1 $\frac{3}{4}$ miles east of Hale Center.		
Soil	3	3
Soft caliche	32	35
Red clay	15	50
Sand	20	70
Chalk rock	20	90
Sand rock	22	112
Packsand, clay and rock	18	130
Water sand	57	187
Soft clay	10	197
Soft water sand	3	200

<u>Well 563</u>		
Tom J. Stanton, 3 miles east of Hale Center.		
Soil	5	5
Caliche	9	14
Clay and shale	20	34
Dry sand	18	52
Shale and sand	23	75
Rock	9	84
Sand and shale	26	110
Sand	44	154
Shale	14	168
Sand and gravel	36	204
Sand	24	228
Clay	2	230

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 575</u>		
John Bell, 7 $\frac{1}{2}$ miles northwest of Hale Center.		
Soil	5	5
Caliche	5	10
Clay	25	35
Clay and shale	15	50
Clay and rock	15	65
Sand	10	75
Rock	5	80
Sand	15	95
Sand and shale	15	110
Clay and rock	15	125
Joint clay	15	140
Sand	15	155
Coarse-grained sand	15	170
Sand	15	185
Sand and gravel	48	233

	Thickness (feet)	Depth (feet)
<u>Well 576</u>		
Owen Harris, 8 $\frac{1}{2}$ miles north of Hale Center.		
Soil	4	4
Caliche	38	42
Shale	8	50
Clay	10	60
Fine-grained sand with streaks of shale	35	95
Clay	30	125
Fine-grained sand and rock	45	170
Sand	25	195
Rock and sand	17	212
Clay and rock	3	215
Sand	30	245

	Thickness (feet)	Depth (feet)
<u>Well 578</u>		
Melvin Evans, 7 $\frac{1}{2}$ miles north of Hale Center.		
Soil	5	5
Clay	10	15
Clay and boulders	20	35
Clay and rock	30	65
Sand	15	80
Caliche	15	95
Hard clay	20	115
Sand	10	125
Good sand	30	155
Clay, shale and rock	15	170
Sand	15	185
Good sand	30	215

	Thickness (feet)	Depth (feet)
<u>Well 579</u>		
H. C. Stokes, 8 miles north of Hale Center.		
Soil	4	4
Caliche	10	14
Clay and sand	22	36
Caliche and rock	8	44
Water sand	16	60
Sand rock	7	67
Clay and caliche	11	78
Red clay	25	103
Quicksand	20	123
Water sand	33	156
Sand rock	4	160
Clay	10	170
Water sand	39	209
Clay	1	210

	Thickness (feet)	Depth (feet)
<u>Well 587</u>		
B. A. Mascn, 9 $\frac{1}{2}$ miles northeast of Hale Center.		
Soil	4	4
Caliche	46	50
Red sand	13	63
Red clay	17	80
Cap rock	7	87
Sand	18	105
Packsand	56	161
Sand and gravel	39	200
Clay	1	201

	Thickness (feet)	Depth (feet)
<u>Well 592</u>		
P. L. Howard, 6 miles north of Hale Center.		
Soil	6	6
Caliche	8	14
Clay	14	28
Dry sand	6	34
Shale	22	56
Sand	16	72
Rock	14	86
Hard shale	35	121
Sand	43	164
Sand and shale	15	179
Sand	15	194
Sand and gravel	36	230

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 593</u>		
W. C. Hubbard, 6 miles north of Hale Center.		
Soil	3	3
Clay	49	54
Clay and soft rock shell	16	70
Packsand and clay streaks	10	80
Rock	5	85
Shale with rocky streaks	45	130
Sand	75	205
Rock streaks and sand	3	208
Clay	4	212
Sand	8	220
Clay	5	225
Sand	10	235
Clay	5	240

	Thickness (feet)	Depth (feet)
<u>Well 609</u>		
Ralph Block, 9 miles northwest of Hale Center.		
Top soil	5	5
Caliche	15	20
Clay	15	35
Shale rock	10	45
Dry sand	20	65
Hard shale and clay	5	70
Water sand	10	80
Fine-grained sand	20	100
Joint clay and shale	10	110
Clay and shale	25	135
Sand	5	140
Sand and gravel	60	200
Sand and coarse-grained gravel	20	220
Clay	4	224

	Thickness (feet)	Depth (feet)
<u>Well 615</u>		
Joe Evans, 6½ miles northwest of Hale Center.		
Top soil	5	5
Clay	30	35
Dry sand	15	50
Clay	15	65
Rock and boulders	10	75
Sand	5	80
Sand and boulders	15	95
Clay and boulders	15	110
Clay	25	135
Sand	20	155
Sand and gravel	53	208

	Thickness (feet)	Depth (feet)
<u>Well 618</u>		
R. R. Burnett, 7½ miles northwest of Hale Center.		
Top soil	4	4
Caliche	2	6
Sand and clay	42	48
Packsand and sand rock	13	61
Water sand	23	84
Hard rock	4	88
Gray water sand	8	96
Sand	24	120
Sand and clay	13	133
Hard sand rock	2	135
Sand	41	176
Water sand	16	192
Sand	8	200
Hard rock	2	202

	Thickness (feet)	Depth (feet)
<u>Well 634</u>		
Eldridge Investment Company, 4½ miles west of Hale Center:		
Top soil	5	5
Caliche	15	20
Dry sand	10	30
Clay and boulders	10	40
Clay and shale	10	50
Sand and shale	10	60
Gray sand	20	80
Gray sand and shale	10	90
Coarse-grained sand	15	105
Red sand	15	120
Red clay and shale	5	125
Sand	15	140
Red clay	3	143
Coarse-grained sand, little shale	17	160
Sand	10	170
Sand and shale	10	180
Sand and gravel	20	200
Yellow clay and boulders	4	204

	Thickness (feet)	Depth (feet)
<u>Well 636</u>		
Noah Tipton, 7 miles northwest of Hale Center:		
Top soil	5	5
Caliche	15	20
Clay and rock	30	50
Clay and hard shale	15	65
Water sand	15	80

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 636 -- Continued</u>		
Sand	13	93
Hard rock	2	95
Caliche rock	15	110
Joint clay and shale	15	125
Sand and shale	15	140
Sand and gravel	60	200

<u>Well 640</u>		
J. A. Finney, 15½ miles northwest of Hale Center.		
Top soil	6	6
Caliche and yellow clay streaks	10	16
Caliche, sand and clay	14	30
Soft sand	5	35
Sand and red clay streaks	44	79
Soft sand	26	105
Sand	17	122
Soft sand and red clay streaks	8	130
Soft sand	60	190
Soft sand and gravel	6	196
Hard sand	1	197

<u>Well 641</u>		
B. A. Dalton, 15½ miles northwest of Hale Center.		
Top soil	4	4
Brown clay	16	20
Red sand	12	32
Clay	33	65
Sand	30	95
Sand and rock	15	110
Clay and rock	10	120
Fine-grained sand	10	130
Red clay	18	148
Sand	47	195
Coarse-grained sand	9	204
Red clay	4	208

<u>Well 644</u>		
Norman Smith, 14½ miles northwest of Hale Center.		
Top soil	5	5
Clay	15	20
Clay and boulders	15	35
Clay	10	45

	Thickness (feet)	Depth (feet)
<u>Well 644 -- Continued</u>		
Sand	20	65
Hard rock	3	68
Clay and shale	12	80
Sand and boulders	30	110
Clay and shale	15	125
Sand	30	155
Sand and gravel	53	208

<u>Well 645</u>		
W. T. Copeland, 13 miles northwest of Hale Center.		
Top soil	6	6
Caliche	14	20
Shale	15	35
Dry sand	30	65
Sand	15	80
Shale	32	112
Clay and shale	8	120
Fine-grained sand	32	152
Clay	8	160
Coarse-grained sand	36	196
Sand	28	224
Shale	4	228

<u>Well 646</u>		
D. L. Miller, 11½ miles northwest of Hale Center.		
Top soil	4	4
Caliche	8	12
Rock	6	18
Dry sand	38	56
Clay	16	72
Rock	8	80
Sand	26	106
Rock	4	110
Sand	40	150
Sandy clay	20	170
Rock	13	183
Sand	62	245
Gravel	5	250

<u>Well 653</u>		
B. A. Masen, 10½ miles northwest of Hale Center.		
Top soil	3	3
Red clay	40	43

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 653 -- Continued</u>		
Caliche	11	54
Sand and white clay	18	72
Sand rock	8	80
Sand and clay	30	110
Red clay	10	120
Sand	5	125
Red clay	22	147
Red sand	35	182
Gray sand and gravel	24	206

Well 654

Lester James, 10 $\frac{1}{2}$ miles northwest of Hale Center.

Top soil	5	5
Clay	30	35
Dry sand	15	50
Soft clay and shale	15	65
Clay and rock	10	75
Sand	15	90
Rock	5	95
Sand and boulders	15	110
Clay and shale	15	125
Sand	30	155
Joint clay	10	165
Sand	20	185
Sand and gravel	30	215

Well 655

Mrs. A. Ballangee, 11 miles northwest of Hale Center.

Top soil	5	5
Caliche	15	20
Dry sand	15	35
Shale and boulders	25	60
Sand	30	90
Rock	5	95
Clay and shale	15	110
Sand	15	125
Clay	20	145
Sand and boulders	78	223

Well 656

W. H. Dean, 9 $\frac{1}{2}$ miles northwest of Hale Center.

Top soil	4	4
Caliche	11	15
Red clay - rocky	20	35

	Thickness (feet)	Depth (feet)
<u>Well 656 -- Continued</u>		
Shale	10	45
Clay	12	57
Rock	5	62
Clay and rock	8	70
Sand	15	85
Rock	10	95
Sand	15	110
Clay and shale	45	155
Fine-grained sand	40	195
Coarse-grained sand and gravel	13	208

Well 659

J. W. Totter, 9 miles northwest of Hale Center.

Top soil	4	4
Caliche	26	30
Brown clay	35	65
Fine-grained sand and rock	25	90
Rock	4	94
Shale	26	120
Sand	35	155
Joint clay	15	170
Coarse-grained sand and gravel	34	204
Red clay	4	208

Well 660

S. H. Holly, 9 miles northwest of Hale Center.

Top soil	5	5
Caliche	35	40
Brown clay - gravel	30	70
Fine-grained sand and rock	20	90
Clay	10	100
Rock	6	106
Boulders	24	130
Red clay	25	155
Sand and rocks (streaks of clay)	35	190
Coarse-grained sand	15	205
Coarse-grained sand and gravel	10	215

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 661</u>		
J. E. Rigler, 7 miles northwest of Hale Center.		
Top soil	3	3
Caliche	19	22
Sand rock	2	24
Caliche	11	35
Clay	20	55
Rock	5	60
Clay	7	67
Sand	11	78
Rock	4	82
Clay	30	112
Sand	78	190
Gravel	15	205
Clay	18	223
Sand	10	233

<u>Well 663</u>		
Fielding Helm, 6 miles northwest of Hale Center.		
Top soil	5	5
Caliche	15	20
Clay and shale	40	60
Sand and boulders	10	70
Sand	20	90
Clay and boulders	15	105
Sand and shale	25	130
Red clay	5	135
Fine caving sand	25	160
Sand and gravel	35	195
Red clay	5	200

<u>Well 680</u>		
Mrs. Tony Chisum, 12 $\frac{1}{2}$ miles west of Hale Center.		
Top soil	5	5
Caliche	20	25
Dry sand	15	40
Clay and shale	20	60
Sand and shale	30	90
Fine caving sand	35	125
Coarse-grained sand	35	160
Red shale	10	170
Coarse-grained sand	30	200
Gray sand and gravel	22	222

	Thickness (feet)	Depth (feet)
<u>Well 681</u>		
Tony Chisum, 13 miles west of Hale Center.		
Top soil	4	4
Caliche	5	9
Sandy clay	15	24
Sand rock	14	38
Sandy clay	18	56
Water sand	7	63
Sand rock - hard	16	79
Water sand	19	98
Sandy clay	28	126
Rock	2	128
Sandy clay	12	140
Sand rock	12	152
Water sand	42	194
Rock	1	195
Water sand	35	230
Sand rock	1	231

<u>Well 684</u>		
Mrs. J. W. Treadwell, 8 $\frac{1}{2}$ miles west of Hale Center.		
Top soil	5	5
Caliche	20	25
Dry sand	25	50
Clay and shale	10	60
Water sand	10	70
Hard rock	10	80
Sand and shale	15	95
Sand and boulders	15	110
Sand	5	115
Sand and clay	15	130
Sand	80	210
White shale and clay	10	220

<u>Well 690</u>		
W. J. Price, 8 miles west of Hale Center.		
Top soil	3	3
Caliche	12	15
Sand and clay	43	58
Sand	24	82
Sand rock	12	94
Broken sand and clay	51	145
Sand	65	210
Clay	4	214
Gravel and boulders	19	233

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 691</u>		
E. R. Stine, 8 miles west of Hale Center.		
Top soil	3	3
Caliche	11	14
Clay	44	58
Sand	24	82
Sand rock	14	96
Clay	24	120
Sand, hard	15	135
Clay	5	140
Sand	71	211
Clay	3	214
Gravel	16	230
Sand, hard	3	233

	Thickness (feet)	Depth (feet)
<u>Well 695</u>		
O. L. Fleming, 9 miles northwest of Hale Center.		
Top soil	5	5
Clay	30	35
Shale and rock	15	50
Clay and shale	15	65
Sand	10	75
Hard rock	5	80
Caliche and rock	15	95
Clay and rock	5	100
Sand	10	110
Sand and shale	15	125
Sand and boulders	15	140
Sand	15	155
Sand and gravel	15	170
Hard clay	15	185
Sand and gravel	23	208

	Thickness (feet)	Depth (feet)
<u>Well 699</u>		
J. C. Logan, 7 miles northwest of Hale Center.		
Top soil	5	5
Caliche	20	25
Dry sand	10	35
Clay and shale	25	60
Clay	5	65
Water sand	15	80
Rock	10	90
Sand and boulders	5	95
Sand and shale	15	110
Sand and red shale	10	120
Soft caving sand	35	155
Coarse-grained sand	45	200
Sand and red clay	8	208

	Thickness (feet)	Depth (feet)
<u>Well 734</u>		
W. A. Richter, 16 miles southwest of Hale Center.		
Top soil	5	5
Yellow clay	60	65
Sandy red clay	15	80
Red clay	10	90
Water sand	20	110
Red clay	20	130
Water sand	5	135
Yellow mud	22	157
Gray lime and quartz	8	165
Red clay and lime shells	70	235
Water sand	15	250
Red clay	137	387
Water sand, hole full of water	28	415
Blue shale	10	425
Water sand	10	435
Gravel	5	440
Lime	5	445
Blue shale	8	453
Red shale	12	465
Blue gumbo	20	485
Red shale	27	512
Blue shale	8	520
Brown shale	10	530
Pink shale	90	620
Blue sand	10	630
Red rock	95	725
Blue shale	7	732
Red rock	173	905
Salt water sand	50	955
Red clay	7	962
Blue shale	5	967
Red rock	8	975
Sandy pink shale	20	995
Yellow mud	45	1040
Pink mud	30	1070
Brown mud	25	1095
Red shale	10	1105
Brown mud	20	1125
Pink shale	20	1145
Red rock	13	1158
Salt water sand	40	1198
Red rock	2	1200
Lime shell	3	1203
Blue shale	7	1210
Blue sand	10	1220
Blue shale	5	1225
Red clay	23	1248
White sand	4	1252
Red clay	26	1278

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 734 -- Continued</u>		
White sand, oil	7	1285
Red shale	20	1305
Lime and sand shell	1	1306
Red shale	14	1320
Light-brown shale	10	1330
Red rock	5	1335
Salt water sand	68	1403

<u>Well 736</u>		
Ed. Watts, 13 $\frac{1}{2}$ miles southwest of Hale Center,		
Soil	5	5
Gray-colored clay	50	55
Red sand and clay	25	80
Sand rock	4	84
Red sand	10	94
Red clay	3	97
Water sand	15	112
Gray-colored clay	20	132
Red water sand	10	142
Gray-colored clay	18	160
Gray-colored paksand	44	204
Gray-colored clay	51	255
Red beds	45	300

<u>Well 741</u>		
A. O. Vaughn, 17 $\frac{1}{2}$ miles southwest of Hale Center.		
Soil	3	3
Caliche	7	10
Yellow clay	15	25
Red clay	10	35
Yellow clay	10	45
Sand and clay	55	100
Water sand	10	110
Sand and clay	40	150
Red clay	20	170
Hard muddy sand	25	195
Hard sand	10	205
Sand and gravel	13	218
Hard muddy sand	12	230
Red clay	7	237
Chalk and mud	6	243
Sand and clay	35	278

	Thickness (feet)	Depth (feet)
<u>Well 745</u>		
J. L. Mann, 8 miles southwest of Hale Center.		
Soil	4	4
Caliche	16	20
Red sand and clay	45	65
Water sand	10	75
Clay	10	85
Rock	7	92
Water sand	27	119
Rock	4	123
Clay	7	130
Water sand	10	140
Hard red clay	8	148
Water sand	12	160

<u>Well 746</u>		
D. A. Cunningham, 7 $\frac{1}{2}$ miles southwest of Hale Center.		
Soil	5	5
Dry sand	5	10
Clay	10	20
Clay, shale and rock	15	35
Dry sand	10	45
Clay and shale	20	65
Shale and hard rock	15	80
Sand and boulders	30	110
Good sand	15	125
Sand and gravel	15	140
Sand and boulders	15	155
Sand	30	185
Sand and gravel	25	210

<u>Well 757</u>		
Lucian McCrehead, 13 $\frac{1}{2}$ miles southwest of Hale Center.		
Soil	5	5
Caliche	8	13
Dry sand	6	19
Clay and shale	42	61
Sand	15	76
Rock	3	79
Shale	7	86
Rock	12	94
Clay	32	126
Sand	46	172
Shale	8	180
Sand	20	200

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 758</u>		
J. D. McGill, 13 $\frac{1}{2}$ miles southwest of Hale Center.		
Soil	4	4
Caliche and clay	26	30
Dry sand	24	54
Clay	14	68
Broken water sand	22	90
Clay	30	120
Water sand	18	138
Clay	18	156
Water sand	50	206
Clay	4	210

	Thickness (feet)	Depth (feet)
<u>Well 759</u>		
Herman White, 11 $\frac{1}{2}$ miles southwest of Hale Center.		
Soil	4	4
Caliche	12	16
Clay	12	28
Sand and clay	12	40
Hard sand rock	48	84
Water sand	26	110
Hard rock	12	122
Sand and clay	70	192
Water sand and gravel	26	218
Water sand	78	296
Hard sand rock	4	300

	Thickness (feet)	Depth (feet)
<u>Well 760</u>		
Bill Moody, 10 miles southwest of Hale Center.		
Soil	4	4
Caliche	21	25
Red sand	25	50
Clay	22	72
Rock	6	78
Water sand	20	98
Rock	7	105
Water sand	35	140
Clay	21	161
Rock	4	165
Water sand	65	230
Clay	17	247
Water gravel	18	265
Clay	8	273
Rock	2	275
Clay and boulders	10	285

	Thickness (feet)	Depth (feet)
<u>Well 765</u>		
Lee Carroll, 2 $\frac{3}{4}$ miles southwest of Hale Center.		
Soil	5	5
Clay	30	35
Rock and clay	30	65
Rock	5	70
Shale, rock and clay	10	80
Sand	15	95
Clay	5	100
Joint clay, shale and rock	25	125
Good sand	15	140
Sand	15	155
Good sand	15	170
Shale, rock and clay	15	185
Clay and rock	15	200
Sand	15	215
Sand	15	230
Not recorded	15	245
Good sand	15	260

	Thickness (feet)	Depth (feet)
<u>Well 767</u>		
L. L. Usher, 4 miles southwest of Hale Center.		
Clay and caliche	20	20
Shale, rock and clay	15	35
Rock and clay	23	58
Sand and shale	22	80
Rock and clay	10	90
Fine-grained red sand	10	100
Clay	10	110
Joint clay	15	125
Sand	25	150
Hard clay	5	155
Sand	15	170
Sand and gravel	90	260

	Thickness (feet)	Depth (feet)
<u>Well 768</u>		
Cecil Gartin, 7 $\frac{1}{2}$ miles southwest of Hale Center.		
Soil	4	4
Caliche	15	19
Caliche and rock	5	24
Dry sand	11	35
Clay	27	62
Sand rock	4	66
Clay	4	70

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 768 -- Continued</u>		
Water sand	16	86
Clay	14	100
Water sand	12	112
Honeycomb	8	120
Clay and gravel	12	132
Honeycomb	8	140
Clay	8	148
Sand	12	160
Clay	12	172
Soft rock	8	180
Clay	5	185
Sand and gravel	9	194
Clay	6	200
Sand	18	218
Clay and gravel	11	229
Sand	9	238
Clay	4	242
Gravel	12	254

Well 772

Mrs. J. T. Bickley, 16½ miles southwest of Hale Center.

Soil	4	4
Caliche	19	23
Brown clay	10	33
Red gumbo	9	42
Dry sand	7	49
Clay	9	58
Rock	2	60
Dry sand	5	65
Clay and gravel	18	83
Red dry sand	18	101
White clay and gravel	19	120
Water sand	21	141
Red clay	21	162
White clay	23	185
Lime rock	14	199
Yellow clay	3	202
Water sand	6	208
Yellow clay	5	213
Rock	2	215
Yellow clay	5	220
Water sand	3	223
Blue shale	1	224
Red beds	226	450
Blue clay and shale	26	476
Sand	4	480
Blue shale	15	495

	Thickness (feet)	Depth (feet)
<u>Well 773</u>		
E. A. Houston, 8½ miles southwest of Hale Center.		
Soil	6	6
Caliche	9	15
Dry sand	6	21
Shale and sand	9	30
Coarse-grained sand	10	40
Red clay	14	54
Hard shale	11	65
Shale and sand	7	72
Clay	15	87
Clay and shale	11	98
Shale	38	136
Clay	41	177
Good sand	51	228
Clay	6	234
Rock	4	238
Shale and rock	7	245
Clay	15	260
Good sand	10	270
Gravel and sand	18	288
Coarse-grained sand	15	303

Well 774

Otey Shadden, 9 miles southwest of Hale Center.

Soil	8	8
Caliche	22	30
Sand	10	40
Broken sand	32	72
Soft sand	15	87
Broken sand	101	188
Tight sand	5	193
Soft sand	82	275
Sand and gravel	3	278
Soft sand	48	326

Well 775

Wylie Wilkerson, 9 miles southwest of Hale Center.

Soil	6	6
Sub-soil	35	41
Caliche	45	86
Sand	7	93
Clay	16	109
Caliche and rock	27	136
Sand	15	151
Packsand	29	180

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 775 -- Continued</u>		
Clay	14	194
Packsand	12	206
Coarse-grained sand	28	234
Clay	7	241
Hard gravel	17	258
Gravel	20	278
Clay and rock	25	303

<u>Well 780</u>		
Walton Smith, 10 $\frac{1}{2}$ miles southwest of Hale Center.		
Soil	5	5
Caliche	6	11
Dry sand	5	16
Shale	33	49
Rock	4	53
Clay	33	86
Rock	6	92
Sand	23	115
Clay	58	173
Sand	33	206
Shale	42	248
Sand	12	260
Clay	8	268
Sand	57	325

<u>Well 781</u>		
Otis Shadden and H. N. Vaughn, 10 $\frac{1}{2}$ miles southwest of Hale Center.		
Soil	6	6
Caliche	6	12
Dry sand	16	28
Shale	7	35
Clay	10	45
Shale	25	70
Rock	16	86
Sand	34	120
Clay and shale	20	140
Sand and gravel	36	176
Hard shale	24	200
Clay	18	218
Sand and gravel	10	228
Clay and shale	75	303
White sand	23	326
Clay	3	329

	Thickness (feet)	Depth (feet)
<u>Well 784</u>		
J. S. Shadden, 11 miles southwest of Hale Center.		
Soil	6	6
Caliche	20	26
Clay	17	43
Sand and clay	13	56
Shale	8	64
Dry sand	16	80
Hard shale	10	90
Clay	15	105
Coarse-grained sand	73	178
Clay and shale	4	182
Sand and gravel	42	224
Hard shale	12	236
Sand and gravel	28	264
Clay	10	274
Sand	6	280
Clay	28	308
Coarse-grained sand	11	319

<u>Well 789</u>		
Lee O'Neil, 14 miles southwest of Hale Center.		
Soil	3	3
Caliche	15	18
Sand and clay	37	55
Sand rock	15	70
Rock	16	86
Water sand	24	110
Sand rock	14	124
Water sand	24	148
Sand and clay	67	215
Rock	3	218
Water sand	12	230
Sand rock	8	238
Water sand and gravel	59	297
Sand rock	3	300

<u>Well 794</u>		
C. B. Bingham, 15 $\frac{1}{2}$ miles southwest of Hale Center.		
Soil	5	5
Caliche	20	25
Dry sand and shale	10	35
Yellow clay	25	60

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 794 -- Continued</u>		
Rocks and boulders	10	70
Red sand	5	75
Sand and boulders	20	95
Sand and shale	10	105
Coarse-grained sand	20	125
Red shale	15	140
Sand	10	150
Coarse-grained sand	25	175
Sand and gravel	40	215

<u>Well 795</u>		
C. B. Bingham, 16 $\frac{1}{2}$ miles southwest of Hale Center.		
Soil	2	2
Caliche	28	30
Yellow sand and rocks	15	45
Yellow clay	25	70
Fine-grained sand	15	85
Clay and rocks	20	105
Sand and rocks	10	115
Coarse-grained red sand	70	185
Coarse-grained sand and gravel	15	200

<u>Well 809</u>		
C. J. Robertson, 8 $\frac{1}{2}$ miles southwest of Hale Center.		
Top soil	55	55
Red water sand	25	80
Hard lime rock	3	83
Medium-grained red sand	7	90
White shale	7	97
Yellow lime	18	115
Yellow shale	13	128
Brown shale	12	140
Sand	10	150
Red clay	15	165

<u>Well 849</u>		
Texas, New Mexico Utilities Company, 13 miles south of Hale Center.		
Soil	4	4
Soft rock	36	40
Hard white rock	20	60
Soft rock	30	90
Soft sand	2	92
Soft rock	8	100

	Thickness (feet)	Depth (feet)
<u>Well 849 -- Continued</u>		
Soft sand rock	55	155
Soft sand rock and clay	27	182

<u>Well 850</u>		
Texas, New Mexico Utilities Company, 13 miles south of Hale Center.		
Soil	3	3
Red and white dirt	17	20
Red sand rock	40	60
Hard white rock	31	91
Sand rock with soft streaks	21	112
Red sand rock	7	119
Soft sand rock	31	150
Sandstone	8	158
Sand and clay	22	180
Hard rock	20	200
Soft rock and clay	24	224
Rock and clay	23	247
Hard rock and clay	20	267

<u>Well 851</u>		
Arno Struve, 15 miles south of Hale Center.		
Soil	5	5
Caliche	15	20
Clay and boulders	40	60
Dry sand	35	95
Rock	2	97
Sand and shale	13	110
Sand and gravel	20	130
Sand and boulders	10	140
Clay	15	155
Fine-grained caving sand	20	175
Sand and boulders	5	180

<u>Well 855</u>		
W. A. Waters, 16 $\frac{1}{2}$ miles southeast of Hale Center.		
Soil	5	5
Red sand and clay	12	17
Caliche	13	30
Red gumbo clay	12	42
Brown sticky clay	5	47
Sand rock	4	51
Sticky clay	18	69
White sand	23	92

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 855 -- Continued</u>		
Red sand	13	105
Quicksand	12	117
Water sand	9	126
Quicksand	7	133
Water sand	15	148
Red clay	14	162
Water sand	23	185
White rock	4	189
Coarse-grained sand	6	195
Hard rock	4	199
Coarse-grained sand and water gravel	11	210
Red clay	2	212

Well 864

R. L. Burgess, 2 $\frac{1}{2}$ miles southwest of Hale Center.		
Soil	5	5
Clay	15	20
Yellow clay, shale, and rock	15	35
Rock and clay	15	50
Rock and hard clay	10	60
Sand	5	65
Clay and shale rock	15	80
Sand	15	95
Clay and boulders	15	110
Sand and rock	15	125
Sand rock	15	140
Hard clay	15	155
Good sand	15	170
Sand rock	15	185
Hard rock	10	195
Sand	50	245
Sand and gravel	40	285

Well 865

R. L. Burgess, 1 $\frac{1}{2}$ miles southwest of Hale Center.		
Soil	5	5
Caliche	8	13
Dry sand	6	19
Clay and shale	29	48
Rock	6	54
Sand and shale	36	90
Rock	8	98
Clay	37	135
Sand	30	165
Clay and shale	47	212
Sand	43	255

	Thickness (feet)	Depth (feet)
<u>Well 866</u>		
Nick Alley, 1 $\frac{3}{4}$ miles southeast of Hale Center.		
Soil	5	5
Caliche	10	15
Red sand	40	55
Water sand	35	90
Hard rock	6	96
Water sand and gravel	34	130
Clay	10	140
Water gravel	7	147
Hard rock	8	155
Water sand	15	170
Rock	5	175
Sand and gravel	13	188
Gravel	32	220

Well 869

B. W. Pearson, 7 $\frac{1}{2}$ miles southeast of Hale Center.		
Soil	3	3
Yellow clay	44	47
Rock	7	54
Red clay and sand	15	69
Rock	27	96
White sand	2	98
Yellow clay	5	103
Rock	2	105
Yellow clay	3	108
Blue clay and sand	7	115
White sand	11	126
Blue clay	4	130
Red clay	5	135

Well 871

T. N. Antrope, 7 $\frac{1}{2}$ miles southeast of Hale Center.		
Soil	5	5
Yellow clay	23	28
Rock	2	30
Yellow clay	11	41
White clay, sand and rock	19	60
Red clay and sand	8	68
Red clay	5	73
Red sand and clay	7	80
Rock	27	107
Yellow clay	3	110
White sand	3	113
Yellow clay	2	115
Rock	1	116

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 871 -- Continued</u>		
Yellow clay	4	120
White sand and gravel	5	125
White sand and clay	9	134
White sand	8	142
White sand and clay	6	148
Blue clay	5	153
Red clay	7	160

	Thickness (feet)	Depth (feet)
<u>Well 872</u>		
A. K. Price, 6½ miles southeast of Hale Center.		
Soil	5	5
Yellow clay	16	21
Rock	3	24
Yellow clay and sand	11	35
Dry sand and clay	10	45
Rock	4	49
White clay and sand	2	51
Rock	1	52
Red clay and sand	8	60
Sand	13	73
Rock	28	101
Yellow clay	8	109
Rock	2	111
Yellow clay	5	116
Hard yellow sand	8	124
White sand and clay	22	146
Blue clay	8	154
White sand	15	169
Yellow clay	1	170
Blue clay	2	172
Red clay	4	176

	Thickness (feet)	Depth (feet)
<u>Well 873</u>		
W. H. Woodman, 8 miles southeast of Hale Center.		
Red sand	60	60
Dry sand and water sand	30	90
White sand	10	100
Sandy lime	15	115
Dry sand	13	128
Water sand	22	150
Blue shale	15	165
Water sand	9	174
Blue shale	4	178
Red shale	54	232

	Thickness (feet)	Depth (feet)
<u>Well 876</u>		
Nolan L. Brown, 2½ miles south of Hale Center.		
Soil	5	5
Caliche	15	20
Clay and shale	20	40
Dry sand and shale	20	60
Sand and shale	20	80
Clay and boulders	15	95
Sand	25	120
Sand and boulders	30	150
Sandy shale	10	160
Clay	5	165
Sand	15	180
Sand and clay	45	225
Sand	30	255
Red beds	5	260

	Thickness (feet)	Depth (feet)
<u>Well 878</u>		
J. W. Worley, 2½ miles south of Hale Center.		
Soil	3	3
Caliche	37	40
Dry sand	15	55
Soft cap-rock and shells	10	65
Sand with small rock streaks	40	105
Rock	8	113
Rock and sand	19	132
Clay	23	155
Sand	15	170
Joint clay	13	183
Sand rock	2	185
Sand	10	195
Rock and boulders	5	200
Sand	28	228

	Thickness (feet)	Depth (feet)
<u>Well 879</u>		
R. A. Collins, 3 miles south of Hale Center.		
Soil	5	5
Caliche	20	25
Clay	35	60
Coarse-grained sand and boulders	50	110
Fine-grained caving sand	35	145
Clay and shale	15	160
Sand and shale	25	185
Sand and gravel	30	215

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Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 879 -- Continued</u>		
Yellow clay	10	225
Sand and gravel	25	250
Red clay	3	253

<u>Well 884</u>		
W. S. Thomas, 5 $\frac{1}{2}$ miles south of Hale Center.		
Soil	5	5
Caliche	15	20
Clay and shale	25	45
Dry sand	10	55
Clay and rocks	13	68
Water sand	17	85
Shale and rock	15	100
Clay and boulders	10	110
Water sand	15	125
Sand and clay	10	135
Water sand	5	140
Sand, clay and shale	25	165
Clay	15	180
Water sand	20	200
Sand and gravel	30	230
Shale and sand	30	260
Sand and gravel	58	318

<u>Well 885</u>		
-- Mounts, 6 miles south of Hale Center.		
Soil	6	6
Caliche	8	14
Clay	16	30
Dry sand	15	45
Shale	5	50
Sand and clay	25	75
Sand	15	90
Clay and shale	20	110
Sand	15	125
Clay	15	140
Clay and shale	34	174
Clay	10	184
Sand	18	202
Shale	8	210
Clay	70	280
Good coarse-grained sand	30	310
Clay	19	329

	Thickness (feet)	Depth (feet)
<u>Well 887</u>		
Lee Thomas, 6 miles south of Hale Center.		
Red sand	27	27
Sand, caliche and rock	11	38
Water sand, caliche and rock	60	98
Water sand	7	105
Red clay	60	165
Clay and fine-grained water sand	9	174
Clay, white rock, and fine-grained water sand	23	197
Clay	28	225
Water sand	41	266
Sand and white rock	21	287
Coarse-grained sand	64	351

<u>Well 890</u>		
Horace R. Bryant, 7 miles southeast of Hale Center.		
Soil	10	10
Red clay	30	40
Cap rock	20	60
Sand	10	70
Red clay	10	80
Red sand	20	100
Red clay	25	125
Red sand and shale	110	235
Sand and gravel	25	260

<u>Well 891</u>		
W. B. Hood, 8 miles south of Hale Center.		
Soil	5	5
Caliche	19	24
Dry sand	18	42
Caliche	23	65
Rock	7	72
Red clay	8	80
White gum clay	14	94
Rock	2	96
Water sand and clay	54	150
Gum clay	8	158
Rock	22	180
Red clay	100	280

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 896</u>		
E. D. Carpenter, 11 $\frac{1}{2}$ miles southeast of Hale Center.		
Soil	3	3
Caliche	11	14
Red clay	8	22
Yellow clay	25	47
Caliche	15	62
White soft rock	3	65
White shale and sand	17	82
Red water sand	14	96
Red clay	13	109
Rock	9	118
Red clay	6	124
Rock	24	148
Yellow clay	7	155
Blue clay	9	164
Water sand	18	182
Red clay	23	205

	Thickness (feet)	Depth (feet)
<u>Well 897</u>		
F. D. Carpenter, 12 miles southeast of Hale Center.		
Soil	4	4
Red clay and shale rock	56	60
Red sand	20	80
Red sand and clay	18	98
White sand and shale	17	115
Hard shale and rock	25	140
Hard white clay	10	150
Hard sand and clay	15	165
Blue mud	5	170
Red beds	5	175

	Thickness (feet)	Depth (feet)
<u>Well 909</u>		
John W. Thomas, 15 miles east of Hale Center.		
White rock	5	5
Red sand	6	11
Red clay	20	31
Fine-grained sand	27	58
Shell rock	7	65
Red clay	23	88
Sand	19	107
Clay	4	111
Coarse-grained sand	9	120
White clay	13	133
Sand rock	24	157
Red clay	31	188

	Thickness (feet)	Depth (feet)
<u>Well 911</u>		
Clyde Applewhite, 15 miles east of Hale Center.		
Top soil	2	2
Chalky dirt	8	10
Sandy clay	10	20
White rock	10	30
Pink water sand and clay	10	40
Red sand	20	60
Mottled clay	5	65
Red water sand	5	70
Sandy clay	5	75
Red water sand	5	80
Clay and red sand	12	92
Sticky clay and sand	18	110
Water sand and gravel	27	137
Water sand and clay	13	150
Clay	7	157
Water sand	3	160
Pink clay	5	165
Coarse-grained water sand	17	182
Packsand	2	184
Layered water sand and clay	11	195
Sandy clay and white gravel	23	218
Water gravel	11	229
Sandy clay	8	237
Water sand	5	242
Sandy clay	8	250
Water sand and gravel	8	258
Yellow water sand and gravel	8	266
Gravel	7	273

	Thickness (feet)	Depth (feet)
<u>Well 920</u>		
L. B. Chunn, 10 miles southeast of Hale Center.		
Soil	3	3
Caliche and clay	54	57
Sand and gravel	12	69
Bentonite	10	79
Gray lime	11	90
Sandy lime	15	105
Broken lime	15	120
Bentonite	10	130
Blue shale	17	147
Water sand	12	159
Blue shale	2	161
Water	6	167

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
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Well 920 -- Continued

Blue shale	13	180
Red shale	55	235
Broken sand	3	238
Blue shale	5	243

Well 954

A. B. Martin, 12 miles southeast of Hale Center.

Top soil	68	68
White lime	4	72
Honeycomb rock	10	82
Sandy clay and gravel	11	93
Red sand and white gravel	47	140
Red sand and clay	8	148
Brown water sand	32	180
Leached clay	27	207
Lime rock	18	225
Light-colored clay and gravel	25	250
Sandy brown clay	10	260

Well 965

Mrs. W. M. Featherstone, 19 miles southeast of Hale Center.

Soil	2	2
Clay	6	8
Rock	6	14
Yellow clay	6	20
Sand rock	60	80
Red clay	17	97
Sand	10	107
Quicksand	8	115
Red clay	5	120
Quicksand	25	145
Red clay	40	185
Sand	3	188
Clay	12	200

Well 977

H. S. Lean, 17½ miles southeast of Hale Center.

Top soil	4	4
Caliche	2	6
Yellow clay	20	26
Red clay	9	35
Sandy clay	20	55
Red sand	23	78

	Thickness (feet)	Depth (feet)
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Well 977 -- Continued

Hard rock	4	82
Sandy clay	12	94
Water sand	10	104
Sandy red clay	16	120
Quicksand	12	132
Sandy clay	6	138
Water sand	10	148
Sticky clay	7	155
Light-colored water sand	12	167
Quicksand	7	174
Coarse-grained water sand	22	196
Doughy sand and rock	7	203
Water sand and gravel	8	211

Well 978

A. W. Jackson, 20 miles southeast of Hale Center.

Top soil	4	4
White chalk	2	6
Brown clay	6	12
Crumbly red clay	8	20
Sandy clay	33	53
Sand	10	63
Cap rock	13	76
Water sand and clay	7	83
Water sand	22	105
Quicksand	7	112
Red clay	14	126
Water sand	14	140
Gumbo clay	12	152
Quicksand	14	166
Sandy clay	7	173
Water sand	27	200

Well 985

J. H. Abel, 14½ miles east of Hale Center.

Soil	5	5
Caliche	20	25
Rocks and boulders	20	45
Red shale	10	55
Sand	5	60
Clay and shale	5	65
Sand	5	70
Sand, clay and shale	38	108
Rock and boulders	4	112
Sand and shale	13	125
Sand and gravel	51	176

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 986</u>		
J. H. Abel, 15 $\frac{1}{2}$ miles southeast of Hale Center.		
Soil	5	5
Caliche	10	15
Dry sand	10	25
Shale, rock and clay	10	35
Loose rock	5	40
Hard caliche	10	50
Sand	15	65
Hard clay	15	80
Red sand	15	95
Joint clay	20	115
Hard rock	5	120
Tight clay	15	135
Fine-grained caving sand	30	165
Clay and shale	5	170
Sand and shale	10	180
Clay and shale	10	190
Sand and gravel	34	224

	Thickness (feet)	Depth (feet)
<u>Well 988</u>		
Edwin A. Faytinger, 13 miles southeast of Hale Center.		
Soil	3	3
White clay and gravel	35	38
Rock	19	57
White clay	6	63
Red clay	11	74
Water sand	5	79
White dough clay	57	136
Flint rock	2	138
Clay, sand and gravel	14	152
Water sand and joint clay	12	164
Sand and gravel	11	175
Red beds	7	182

	Thickness (feet)	Depth (feet)
<u>Well 994</u>		
Joyce F. Davis, 17 miles southeast of Hale Center.		
Soil	3	3
Brown clay	7	10
Caliche	10	20
Brown clay	21	41
Red rock	16	57
Red clay	11	68
Hard rock	2	70
Red sand and clay	20	90
Red sand	13	103
Red sand and clay	24	127

	Thickness (feet)	Depth (feet)
<u>Well 994 -- Continued</u>		
Hard red clay	22	149
Red sand	65	214
Brown sand	9	223
White clay and gravel	12	235
Soft sand and gravel	18	253
Hard shelly sand	10	263
White clay and gravel	24	287
Shelly sand and clay	43	330
Sand and gravel	50	380

	Thickness (feet)	Depth (feet)
<u>Well 996</u>		
Joe Evans, 15 miles southeast of Hale Center.		
Soil	5	5
Caliche	15	20
Dry sand	15	35
Sand and rock	7	42
Sand	11	53
Clay and rock	8	61
Sand and clay	15	76
Red clay and rock	14	90
Clay, sand and gravel	20	110
Clay and rock	90	200

	Thickness (feet)	Depth (feet)
<u>Well 998</u>		
H. M. McLeroy, 14 miles southeast of Hale Center.		
Soil	4	4
Caliche	16	20
Clay	30	50
Rock	6	56
Sandy clay	9	65
Water sand	7	72
Clay	38	110
Water sand	12	122
Rock	3	125
Clay	10	135
Sandy clay	15	150
Sand	4	154
Sandy clay	7	161

	Thickness (feet)	Depth (feet)
<u>Well 1201</u>		
E. M. Carter, Jr., 13 $\frac{1}{2}$ miles northeast of Hale Center.		
Top soil	5	5
Caliche	15	20
Dry sand	15	35

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 1201 -- Continued</u>		
Hard shale	15	50
Water sand	10	60
Red clay	10	70
Sand	30	100
Shale	20	120
Sand	50	170
Boulders	30	200
Sand	35	235
Rock	7	242
Boulders	10	252

<u>Well 1207</u>		
H. D. Porter, 15 miles northeast of Hale Center,		
Top soil	6	6
Caliche	11	17
Sand and clay	19	35
Water sand	8	43
Hard sandy clay	3	46
Clay and sand	24	70
Hard sand	5	75
Sand and shale	37	112
Water sand	22	134
Sand and clay	22	156
Water sand	39	195
Sand and clay	5	200

<u>Well 1209</u>		
Frank Barbican, 15 miles northeast of Hale Center.		
Caliche	20	20
Dry sand	15	35
Clay and rock	15	50
Loose rock and clay	13	63
Shale and sand	17	80
Sand and shale	15	95
Clay	5	100
Sand	40	140
Fine-grained sand	15	155
Coarse-grained sand	15	170
Sand and gravel	40	210

<u>Well 1216</u>		
A. Bertleson, 14 miles northeast of Hale Center.		
Top soil	5	5
Caliche	15	20

	Thickness (feet)	Depth (feet)
<u>Well 1216 -- Continued</u>		
Clay	30	50
Clay and hard shale	10	60
Water sand	5	65
Sand	15	80
Joint clay and rock	15	95
Clay and shale	5	100
Fine-grained sand	25	125
Sand	30	155
Sand and gravel	45	200

<u>Well 1218</u>		
R. G. Fain, 12 ¹ / ₂ miles northeast of Hale Center.		
Top soil	5	5
Caliche	15	20
Dry sand and clay	35	55
Sand and boulders	15	70
Soft caving sand	20	90
Clay and boulders	5	95
Hard rock	5	100
Rock and boulders	5	105
Sand and boulders	25	130
Fine-grained sand	45	175
Coarse-grained sand	33	208

<u>Well 1224</u>		
Wayne Boyd, 11 miles northeast of Hale Center.		
Top Soil	6	6
Caliche	8	14
Sandy clay	22	36
Rock	12	48
Hard shale	31	79
Sand	39	118
Shale	18	136
Fine-grained sand	44	180
Sand and gravel	23	203

<u>Well 1227</u>		
E. M. Carter, Jr., 11 miles northeast of Hale Center,		
Top soil	5	5
Caliche	10	15
Dry sand	10	25
Clay and shale	10	35
Shale	9	44
Rock and shale	21	65

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 1227 -- Continued</u>		
Sand	15	80
Clay and shale	25	105
Sand	105	210
Shale	20	230
Sand	87	317
Clay	3	320

<u>Well 1235</u>		
Homer Rook, 12 miles northeast of Hale Center.		
Top soil	4	4
Yellow clay	40	44
Rock and clay	12	56
Rock	0	64
Red clay and sand	6	70
Red clay	10	80
Red clay and sand	4	84
Red sand	7	91
White sand	5	96
Sand (with little clay)	14	110
Sand, rock, gravel and packsand	12	122
Yellow water sand	30	152
Yellow clay and sand	18	170
Yellow water sand	8	178
Coarse-grained sand and gravel	6	184

<u>Well 1242</u>		
J. H. Moore, 10 $\frac{1}{2}$ miles northeast of Hale Center.		
Top soil	5	5
Caliche	10	15
Shale and clay	20	35
Clay	5	40
Sand	15	55
Rock	5	60
Shale and sand	25	85
Clay	15	100
Fine-grained sand	20	120
Rock	4	124
Sand	16	140
Fine-grained sand	30	170
Clay and rock	5	175
Coarse-grained sand and gravel	40	215

	Thickness (feet)	Depth (feet)
<u>Well 1301</u>		
E. Latta, 19 miles northeast of Hale Center.		
Top soil	5	5
Caliche	15	20
Dry sand and shale	30	50
Rock	5	55
Sand	5	60
Clay and boulders	5	65
Sand	25	90
Hard rock	5	95
Fine-grained sand	25	120
Sand and boulders	45	165
Fine-grained sand, covey	35	200

<u>Well 1302</u>		
George C. Purl, 18 miles northeast of Hale Center.		
Top soil	3	3
Caliche	14	17
Dry sand	18	35
Clay	13	48
Rock	12	60
Water sand	22	82
Rock	8	90
Water sand	28	118
Clay	12	130
Water sand	66	196
Coarse-grained sand	14	210

<u>Well 1303</u>		
E. F. Readheimer, 17 $\frac{1}{2}$ miles northeast of Hale Center.		
Top soil	5	5
Caliche	20	25
Shale and clay	20	45
Shale and boulders	25	70
Sand	5	75
Clay	10	85
Sand and boulders	113	198
Red clay	2	200

<u>Well 1305</u>		
Carrol W. Moon, 16 $\frac{1}{2}$ miles northeast of Hale Center.		
Sand	3	3
Caliche	9	12

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 1305 -- Continued</u>		
Sand	43	55
Sand rock	5	60
Sand, water	20	80
Sand rock	5	85
Clay	5	90
Sand	18	108
Lime rock	4	112
Clay	8	120
Sand	10	130
Sand rock	7	137
Sand	11	148
Gravel	12	160
Clay	31	191
Gravel	22	213

<u>Well 1320</u>		
D. Hefflefinger, 19 miles northeast of Hale Center.		
Top soil	5	5
Caliche	15	20
Dry sand	15	35
Clay and shale	10	45
Sand	5	50
Rock	5	55
Sand and shale	10	65
Rock	10	75
Red clay	10	85
Red sand	15	100
Gray sand	10	110
Sand and boulders	15	125
Sand	10	135
Sand and boulders	50	185
Coarse-grained sand	35	220

<u>Well 1321</u>		
Mrs. Bobbie Stephens, 21 miles northeast of Hale Center.		
Top soil	4	4
Caliche	12	16
Clay	14	30
Dry sand	18	48
Rock	7	55
Sand (water)	12	67
Clay	13	80
Sand (water)	18	98
Sand rock	8	106
Fine-grained sand (water)	22	128
Clay	7	135

	Thickness (feet)	Depth (feet)
<u>Well 1321 -- Continued</u>		
Coarse-grained sand (water)	39	174
Rock	4	178
Sand (water)	22	200
Gravel	4	204

<u>Well 1329</u>		
A. L. Whitfield, 17 miles northeast of Hale Center.		
Top soil	3	3
Caliche	4	7
Yellow clay	20	27
Red clay and gravel	2	29
Yellow clay	20	49
White gravel (water)	1	50
Caliche and gravel	9	59
Sand rock	1	60
Floating red sand (water)	6	66
Rock	1	67
Red sand and gravel	7	74
Red sand (water)	11	85
Red clay	15	100
Caliche	10	110
Red clay and gravel	12	122

<u>Well 1335</u>		
L. E. Savage, 14 miles northeast of Hale Center.		
Top soil	5	5
Clay	15	20
Shale and rock	15	35
Clay and sand	5	40
Joint clay and shale	10	50
White clay and rock	15	65
Caliche rock	15	80
Sand and sand rock streaks	45	125
Sand	15	140
Sand and rock	15	155
Soft sand	45	200

<u>Well 1340</u>		
C. S. Perry, 14 miles northeast of Hale Center.		
Top soil	5	5
Caliche	15	20

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Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 1340 -- Continued</u>		
Clay and shale	20	45
Rock (very hard)	10	55
Clay and sand	10	65
Sand	5	70
Clay and shale	10	80
Sand and shale	10	90
Sand	35	125
Sand and boulders	15	140
Sand	25	165
Coarse-grained sand and boulders	35	200
Gravel	4	204

<u>Well 1345</u>		
J. E. Sumners, 14½ miles northeast of Hale Center.		
Top soil	2	2
Red sandy clay	23	25
Light-brown sand	19	44
White rock	17	61
Brown sand	5	66
Brown rock	22	88
Sand and gravel	77	165
Brown clay	4	169
Sand and gravel	30	199

<u>Well 1346</u>		
D. W. Kerr, 15 miles northeast of Hale Center.		
Top soil	6	6
Caliche	18	24
Clay	16	40
Shell rock	22	62
Shale	12	74
Sand	52	126
Shale	6	132
Fine-grained sand	10	142
Coarse-grained sand	8	150
Hard shale	20	170
Sand	38	208

<u>Well 1347</u>		
Paul McClusky, 16 miles northeast of Hale Center.		
Top soil	5	5
Caliche	10	15
Dry sand	20	35

	Thickness (feet)	Depth (feet)
<u>Well 1347 -- Continued</u>		
Rock	10	45
Sand and shale	15	60
Red clay	25	85
Sand	15	100
Clay	5	105
Coarse-grained sand	17	122
Sand and boulders	33	155
Sand	40	195
Sand and gravel	20	215

<u>Well 1348</u>		
L. O. McClusky, 16½ miles northeast of Hale Center.		
Top soil	6	6
Caliche	12	18
Clay	25	43
Hard shale	15	58
Sand	12	70
Clay and shale	11	81
Sand	13	94
Shale	11	105
Rock	5	110
Sand	26	136
Shale	14	150
Sand	38	188
Sand and gravel	33	221

<u>Well 1351</u>		
W. R. Hogg, 16 miles northeast of Hale Center.		
Top soil	4	4
Rocky caliche	16	20
Brown clay + gravel	20	40
Rock	12	52
Fine-grained sand	5	57
Hard rock	5	62
Fine-grained sand	13	75
Joint clay	15	90
Fine-grained sand	30	120
Boulders	18	138
Clay rock	22	160
Fine-grained sand and rock	50	210
Coarse-grained sand and gravel	17	227

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 1353</u>		
Herbert Hartley, 17 $\frac{1}{2}$ miles northeast of Hale Center.		
Top soil	5	5
Caliche	15	20
Hard shale	15	35
Clay and shale	35	70
Sand	15	85
Sandy clay	10	95
Red clay	5	100
Red clay and shale	30	130
Shale and sand	20	150
Sand	25	175
Coarse-grained sand	25	200
Sand and gravel (river type)	15	215

	Thickness (feet)	Depth (feet)
<u>Well 1401</u>		
H. O. Pool, 10 miles northeast of Hale Center.		
Soil	5	5
Clay	10	15
Clay and rock	30	45
Sand	5	50
Joint clay and rock	15	65
Clay and rock	15	80
Sand	30	110
Good sand	90	200

	Thickness (feet)	Depth (feet)
<u>Well 1404</u>		
Ralph Walker, 11 miles northeast of Hale Center.		
Soil	4	4
Blue clay	6	10
Caliche and rock	15	25
Shale	18	43
Rock	6	49
Clay	11	60
Red sand	15	75
Clay	8	83
Sand	103	186

	Thickness (feet)	Depth (feet)
<u>Well 1407</u>		
V. H. Tulls, Sr., 12 $\frac{1}{2}$ miles northeast of Hale Center.		
Soil	3	3
Brown clay	17	20
Caliche	14	34

	Thickness (feet)	Depth (feet)
<u>Well 1407 -- Continued</u>		
Hard cap rock	20	54
Honeycomb sand	48	102
Red clay	6	108
Red sand	84	192
Red clay	6	198
Sand and gravel	26	224
White clay	11	235
Gray-colored sand and gravel	7	242
White clay	19	261
Gray-colored water sand and gravel	39	300

	Thickness (feet)	Depth (feet)
<u>Well 1413</u>		
C. A. Robinson, 11 $\frac{1}{2}$ miles northeast of Hale Center.		
Soil	4	4
Caliche	16	20
Hard brown rock	28	48
Red clay	7	55
Rock	8	63
Fine-grained sand	74	137
Clay and rock	16	153
Sand	27	180
Clay	15	195
Sand	25	220
Gravel	9	229

	Thickness (feet)	Depth (feet)
<u>Well 1415</u>		
J. C. Terry, 9 $\frac{1}{2}$ miles northeast of Hale Center.		
Soil	4	4
Caliche	38	42
Soft rock	7	49
Joint clay	5	54
Water sand	4	58
Gravel and clay	12	70
Water sand	12	82
Clay	4	86
Water sand	7	93
Packsand	11	104
Water sand	22	126
Red sand	44	170
Coarse-grained sand	15	185
Sand and gravel	25	210
Clay	8	218

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 1418</u>		
A. W. Brown, 9 miles northeast of Hale Center.		
Soil	5	5
Brown clay	10	15
Clay and gravel	11	26
Brown clay	14	40
Caliche	10	50
Rock	13	63
Clay and gravel	4	67
Water sand	5	72
Clay and gravel	25	97
Water sand	12	109
Packsand and gravel	5	114
Water sand	16	130
Good water sand	55	185
Rock	1	186
Water sand	11	197
Clay	23	220

	Thickness (feet)	Depth (feet)
<u>Well 1422</u>		
A. Van Howling, 9½ miles northeast of Hale Center.		
Soil	3	3
Caliche	29	32
Rock	5	37
Red sand	11	48
Clay	7	55
Fine-grained sand	15	70
Shale	22	92
Fine-grained sand	83	175
Coarse-grained sand and gravel	25	200

	Thickness (feet)	Depth (feet)
<u>Well 1425</u>		
Herman Gregg, 10 miles northeast of Hale Center.		
Soil	3	3
Caliche	29	32
Hard limestone	3	35
Soft limestone	5	40
Gray-colored sand and shale	15	55
Brown shale	20	75
Red sand and clay	15	90
Broken sand and clay	10	100
Fine-grained sand and boulders	50	150
Broken rock and boulders	2	152

	Thickness (feet)	Depth (feet)
<u>Well 1425 -- Continued</u>		
Coarse-grained water sand and scattered boulders	33	185
Hard brown shale	17	202

	Thickness (feet)	Depth (feet)
<u>Well 1429</u>		
D. Hefflefinger, 9½ miles east of Hale Center.		
Soil	5	5
Caliche	15	20
Clay and loose rock	15	35
Hard clay	15	50
Clay	5	55
Hard rock	5	60
Joint clay	5	65
Clay and hard shale	15	80
Hard clay	15	95
Hard shale	5	100
Sand	50	150
Sand and gravel	58	208

	Thickness (feet)	Depth (feet)
<u>Well 1432</u>		
M. E. Courtney, 12 miles northeast of Hale Center.		
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	4	170

	Thickness (feet)	Depth (feet)
<u>Well 1433</u>		
Carroll Castleberry, 12 miles northeast of Hale Center.		
Soil	5	5
Caliche	15	20
Clay and shale	20	40
Rock	5	45
Sand and shale	5	50
Sand	5	55

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 1433 -- Continued</u>		
Clay	25	80
Good sand	45	125
Coarse-grained sand	20	145
Sand and gravel	30	175

<u>Well 1434</u>		
W. S. Noel, 12 miles northeast of Hale Center.		
Soil	4	4
Caliche	16	20
Clay	20	40
Caliche	5	45
Caliche and rock	7	52
Water sand	3	55
Red mud	10	65
Water sand	10	75
Red mud	15	90
Sand	10	100
Mud and sand	50	150

<u>Well 1435</u>		
C. C. Castleberry, 12 $\frac{1}{2}$ miles northeast of Hale Center.		
Soil	5	5
Caliche	19	24
Red clay	15	39
Soft white rock	7	46
Hard rock	8	54
Water sand	4	58
Red clay	12	70
Clay and sand	12	82
Joint clay	7	89
Water sand	13	102
Fine-grained caving sand	44	146
Coarse-grained sand and gravel	5	151

<u>Well 1437</u>		
H. O. Thompson, 13 miles northeast of Hale Center.		
Soil	3	3
Caliche	9	12
Dry sand	12	24
Clay	16	40
Water sand	8	48
Rock	9	57
Water sand	13	70

	Thickness (feet)	Depth (feet)
<u>Well 1437 -- Continued</u>		
Clay	12	82
Water sand	33	115
Sand rock	5	120
Water sand	52	172
Gravel	28	200

<u>Well 1440</u>		
L. E. Phipps, 12 $\frac{1}{2}$ miles northeast of Hale Center.		
Soil	5	5
Caliche	20	25
Dry sand	10	35
Rock and boulders	20	55
Clay and shale	10	65
Sand and shale	35	100
Clay	10	110
Sand	15	125
Sand and clay	15	140
Sand and gravel	50	190
Yellow clay	12	202

<u>Well 1442</u>		
J. M. Tilson, 14 $\frac{1}{2}$ miles east of Hale Center.		
Soil	5	5
Caliche	15	20
Clay and boulders	5	25
Very hard rock	7	32
Shale and rock	13	45
Clay	10	55
Clay and boulders	15	70
Sand and shale	15	85
Good sand	27	112
Yellow clay	6	118
Coarse-grained sand	27	145
Rock and boulders	10	155
Clay	5	160
Clay and shale	10	170
Sand and shale	10	180
Sand	10	190
Clay and boulders	5	195
Red beds	7	202

<u>Well 1445</u>		
W. M. Jurfees, 13 $\frac{1}{2}$ miles east of Hale Center.		
Soil	5	5

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 1445 -- Continued</u>		
Caliche	15	20
Hard rock	25	45
Sand	5	50
Clay and shale	10	60
Sand and clay	15	75
Sand and shale	30	105
Fine-grained caving sand	25	130
Sand and gravel	35	165
Clay	10	175
Sand and gravel	23	198
Yellow clay	4	202

	Thickness (feet)	Depth (feet)
<u>Well 1501</u>		
W. Rayburn Karrh, 3 $\frac{1}{2}$ miles north of Hale Center.		
Soil	6	6
Caliche	8	14
Shale	24	38
Dry sand	7	45
Clay and shale	7	52
Rock	8	60
Sand	14	74
Hard shale	54	128
Clay	10	138
Sand	12	150
Soft shale	16	166
Clay	22	188
Sand	50	238
Clay	2	240

	Thickness (feet)	Depth (feet)
<u>Well 1502</u>		
J. M. Lee, 3 $\frac{3}{4}$ miles northeast of Hale Center.		
Soil	4	4
Caliche	10	14
Red clay	14	28
Red sand	32	60
Water sand	20	80
Red sand	20	100
Soapstone and clay	36	136
Water sand	32	168
Joint clay	8	176
Water sand	34	210
Cavey sand	25	235
Red clay	7	242

	Thickness (feet)	Depth (feet)
<u>Well 1504</u>		
A. K. Juno, 4 miles northeast of Hale Center.		
Soil	4	4
Caliche	21	25
Brown clay	20	45
Clay and white rock	5	50
Sand	10	60
Rock	7	67
Sand	18	85
Clay	15	100
Sand	45	145
Clay and rock	30	175
Fine-grained sand	15	190
Clay rock	8	198
Coarse-grained sand	27	225
Clay	3	228

	Thickness (feet)	Depth (feet)
<u>Well 1505</u>		
W. L. Hinton, 4 $\frac{1}{4}$ miles northeast of Hale Center.		
Soil	3	3
Soft red clay	27	30
Caliche	15	45
Caliche and rock	20	65
Sand	5	70
Shale	8	78
Water sand	37	115
Sand and shale	13	128
Rock streaks	5	133
Sand and rock	12	145
Clay	15	160
Sand	10	170
Sand and shale	25	195
Shale	20	215
Sand	10	225
Sand and shale	30	255
Good water sand	25	280
Sand	15	295

	Thickness (feet)	Depth (feet)
<u>Well 1513</u>		
Pete Blakney, 6 miles northeast of Hale Center.		
Soil	5	5
Caliche	9	14
Clay	13	27

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 1513 -- Continued</u>		
Hard shale	19	46
Packsand	13	59
Sand	15	74
Sand and shale	46	120
Sand	44	164
Clay	22	186
Sand	18	204
Sand and gravel	22	226
Clay	8	234

<u>Well 1517</u>		
Grady Sheppard, 4 $\frac{1}{2}$ miles east of Hale Center;		
Soil	4	4
Caliche	21	25
Clay	35	60
Sand and clay	5	65
Water sand	8	73
Sand and clay	42	115
Water sand	15	130
Sand and shale	30	160
Water sand	12	172
Sand and clay	43	215
Hard sand	10	225
Sand and shale	25	250

<u>Well 1522</u>		
Dennis Scaling, 1 $\frac{1}{2}$ miles northwest of Hale Center.		
Soil	2	2
Caliche	25	27
Red sand	28	55
Water sand	35	90
Clay	10	100
Red sand	15	115
White sand	60	175
Sand and clay	25	200
Gravel	15	215
Red sand and rock	5	220
Gravel	8	228

<u>Well 1526</u>		
Mrs. L. V. Johnston, 1 mile southwest of Hale Center.		
Soil	4	4
Caliche	4	8
Dry sand	12	20

	Thickness (feet)	Depth (feet)
<u>Well 1526 -- Continued</u>		
Clay	25	45
Sand rock	3	48
Water sand	22	70
Clay	12	82
Sand	28	110
Sand and gravel	13	123
Sand	32	155
Rock	3	158
Sand	17	175
Clay	5	180
Coarse-grained sand	20	200

<u>Well 1602</u>		
L. E. Ing, 4 $\frac{3}{4}$ miles northwest of Hale Center.		
Top soil	5	5
Caliche	20	25
Dry sand and shale	35	60
Water sand	15	75
Rock	5	80
Hard shale and rock	30	110
Red shale	15	125
Fine-grained caving sand	15	140
Coarse-grained sand and shale	10	150
Fine-grained caving sand	20	170
Coarse-grained sand	30	200
Clay and some sand	30	230

<u>Well 1607</u>		
-- , 4 $\frac{1}{4}$ miles northwest of Hale Center.		
Top soil	3	3
Soft caliche	27	30
Red dry sand	17	47
Soft rock	9	56
Cap rock	6	62
Soft water sand	6	68
Rock	6	74
Fine gray water sand	5	79
Soft sand (rock streaks)	21	100
Sand and gravel (tight)	10	110
Sandy shale	25	135
Water sand	55	190

<u>Well 1805</u>		
Fritz Struve, 16 miles south of Hale Center.		
Soil	3	3

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 1805 -- Continued</u>		
Soft caliche	32	35
Packsand	45	80
Boulders and sand	15	95
Sand	10	105
Rock streaks	3	108
Water sand	7	115
Rock shell	1	116
Clay	4	120
Water sand	20	140
Clay	8	148
Sand	22	170
Rock	18	188
Cavity	2	190

	Thickness (feet)	Depth (feet)
<u>Well 1807</u>		
Fritz Struve, 15 $\frac{1}{2}$ miles south of Hale Center.		
Soil	5	5
Caliche	15	20
Dry sand	10	30
Clay and shale	10	40
Blue clay	15	55
Sand and clay	20	75
Clay and boulders	20	95
Water sand	10	105
Sand and gravel	15	120
Clay and boulders	30	150
Coarse-grained sand	10	160
Hard rock	5	165
Sand and gravel	7	172
Clay and boulders	4	176

	Thickness (feet)	Depth (feet)
<u>Well 1810</u>		
J. W. Reynolds, 13 miles south of Hale Center.		
Soil	4	4
Caliche	26	30
Dry sand	45	75
Sand and shale	30	105
Water sand	25	130
Shale	20	150
Lime rock	12	162
Red sand and shale	28	190
Water sand and gravel	20	210
Blue shale	5	215

	Thickness (feet)	Depth (feet)
<u>Well 1812</u>		
B. A. McDougal, 13 miles southeast of Hale Center.		
Soil	4	4
Caliche	22	26
Clay	49	75
Sand and clay	30	105
Water sand	25	130
Shell	6	136
Shale	58	194
Water sand	26	220
Sand and clay	18	238
Lime rock	7	245

	Thickness (feet)	Depth (feet)
<u>Well 1815</u>		
S. M. Harrison, 13 $\frac{1}{2}$ miles southeast of Hale Center.		
Soil	4	4
Caliche	10	14
Clay and sand	6	20
Clay	25	45
Sand rock	4	49
Clay	31	80
Water sand	13	93
Clay	14	107
Water sand	16	123
Sand and clay	87	210
Unrecorded	85	295

	Thickness (feet)	Depth (feet)
<u>Well 1816</u>		
Texas, New Mexico Utilities Company, 13 miles south of Hale Center.		
Soil	3	3
Caliche	17	20
Dry sand	20	40
Clay	25	65
Hard rock	15	80
Clay and rock	15	95
Packsand	13	108
Clay	12	120
Sand	5	125
Hard rock	5	130
Clay and shale	15	145
Water sand mixed with clay and rock stopped on hard rock	50	195

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 1818</u>		
City of Abernathy, 15½ miles south of Hale Center.		
Soil	5	5
Caliche	5	10
Red clay	50	60
Red sandy clay	10	70
Sand	10	80
Dry red sand	30	110
Red clay	25	135
Red sandy clay	15	150
Sand, gravel, and water	20	170
Red sandy clay	2	172
Rock	25	196
Yellow sandy clay	30	226

	Thickness (feet)	Depth (feet)
<u>Well 1823</u>		
P. W. Mitchell, 15½ miles southeast of Hale Center.		
Soil	5	5
Brown clay and gravel	45	50
Shale and rocks	20	70
Hard white rock	16	86
Sand	24	110
Joint clay	20	130
Coarse-grained sand and gravel	12	142
Clay	6	148
Sand	17	165
Sand and rocks with streaks of clay	15	180
Clay and rocks	5	185
Sand and coarse-grained gravel	21	206
Red clay	5	211

	Thickness (feet)	Depth (feet)
<u>Well 1828</u>		
M. P. Walker, 14 miles southeast of Hale Center.		
Soil	10	10
Caliche, rock and sand	15	25
Hard caliche rock	5	30
Red clay and sand	10	40
Caliche rock	5	45
Fine-grained caving sand	6	51
Fine-grained sand and dry clay	7	58
Fine-grained dry sand and clay	11	69

	Thickness (feet)	Depth (feet)
<u>Well 1828 -- Continued</u>		
Sandstone, rock, and white clay		
Rock	9	78
Clay and sand	21	99
Sand	15	114
Light red clay and sand	6	120
Hard red joint clay	2	122
Sand	6	128
Water sand	12	140
Joint clay	12	152
Water sand	4	156
Sand and clay	28	184
Sand	5	189
Rock and gravel	7	196
Hard block rock	2	198
Sand and clay	14	212
Sand and gravel	8	220
Sand and coarse-grained gravel	12	232
Shell rock	15	247
Sand and coarse-grained gravel	1	248
Shell rock	7	255
Sand and gravel	4	259
White clay and blue shale	9	268
	4	272

	Thickness (feet)	Depth (feet)
<u>Well 1834</u>		
V. L. Moreland, 14½ miles southeast of Hale Center.		
Soil	5	5
Caliche	15	20
Clay and shale	25	45
Rock	10	55
Clay and shale	25	80
Sand and shale	5	85
Sandy shale	20	105
Sand	10	115
Sandy clay	10	125
Sandy shale	45	170
Sandy clay	10	180
Coarse-grained sand and shale	15	195
Sand and gravel	20	115
Clay and gravel	9	224

	Thickness (feet)	Depth (feet)
<u>Well 1838</u>		
W. H. Rollow, 16 miles southeast of Hale Center.		
Soil	3	3

(Continued on next page)

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 1938 -- Continued</u>		
Caliche	7	10
Sandy clay	85	95
Water sand	15	110
Sandy clay	25	135
Water sand	15	150
Sandy clay	45	195
Sand and gravel	27	222

<u>Well 1839</u>		
Robbins Bros., 16 $\frac{1}{4}$ miles southeast of Hale Center.		
Soil	4	4
Caliche	8	12
Sand and caliche	63	75
Rock	5	80
Water sand	10	90
Red caliche	13	103
Sand	37	140
Hard caliche	24	164
Water sand	26	190
Clay	23	213
Lime rock	5	218
Red clay	17	235

<u>Well 1841</u>		
Guy Landers, 3 $\frac{1}{2}$ miles southeast of Hale Center.		
Soil	6	6
Caliche	18	24
Clay	21	45
Rock	10	55
Hard shale	10	65
Clay and shale	31	96
Hard rock	29	125
Hard shale	13	138
Gray sand	10	148
Sand and shale	25	173
Red clay and shale	15	198
Fine-grained sand	8	196
Blue clay	4	220

<u>Well 1842</u>		
Walter Hays, 10 miles south of Hale Center.		
Soil	5	5
Caliche	15	20
Yellow clay	30	50

	Thickness (feet)	Depth (feet)
<u>Well 1842 -- Continued</u>		
Dry sand	25	75
Clay and boulders	15	90
Red clay and shale	15	105
Sand and shale	5	110
Sandy clay	15	125
Sand and shale	10	135
Rock and boulders	40	175
Blue clay and sand	10	185
Sand and gravel	20	205
Red beds	140	345

<u>Well 1902</u>		
J. L. Shields, 13 $\frac{1}{2}$ miles southeast of Hale Center.		
Soil	55	55
Water sand	8	63
Red clay	7	70
Water sand	8	78
Chert	6	84
Red clay	6	90
Water sand	19	109
Red clay	6	115
Water sand	30	145
Red clay	6	151
Dry sand	25	176
Light clay	11	187
Gravel	3	190
Sand	10	200

<u>Well 1906</u>		
E. L. Fisher, 13 miles southeast of Hale Center.		
Soil	13	13
Caliche	13	26
Caliche and clay	14	40
Coarse-grained sand	4	44
Hard rock	5	49
Tight sand	16	65
Soft sand	11	76
Coarse-grained sand	29	105
Hard limestone	32	137
Water sand	33	170
Red beds	12	182

<u>Well 1911</u>		
Ben Farney, 16 miles southeast of Hale Center.		
(Continued on next page)		

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 1911 -- Continued</u>		
Soil	4	4
Caliche	8	12
Sand and clay	28	40
Clay	17	57
Water sand	3	60
Clay	15	75
Joint clay	5	80
Water sand	16	96
Clay	9	105
Water sand	15	120
Clay	8	128
Sand	10	138

	Thickness (feet)	Depth (feet)
<u>Well 1914</u>		
Bert Scarborough, 15 $\frac{1}{2}$ miles southeast of Hale Center.		
Soil	4	4
Caliche	31	35
Sand	5	40
Clay	10	50
Rock	8	58
Water sand	5	63
Rock	2	65
Water sand	20	85
Sandy clay	15	100
Rock	5	105
Sandy clay	53	158

	Thickness (feet)	Depth (feet)
<u>Well 1915</u>		
J. B. Scarborough, 15 miles southeast of Hale Center.		
Soil	4	4
Caliche	31	35
Clay	5	40
Rock	8	48
Sand	5	53
Rock shell	2	55
Water sand	5	60
Rock shell	2	62
Sand	8	70
Clay	25	95
Water sand	30	125
Sandy clay	17	142

	Thickness (feet)	Depth (feet)
<u>Well 1918</u>		
Everett Miller, 18 $\frac{1}{2}$ miles southeast of Hale Center.		
Soil	3	3
Clay	16	19
Caliche	12	31
Sand and clay	3	34
Cap rock	22	56
Sand and clay	14	70
Sand	20	90
Red clay and sand	23	113
Red clay	15	128
Sand	12	140
Sand and clay	33	173
Red clay	7	180
White sand and clay	16	196
Sand and gravel	7	203
Red sand and clay	21	224
Red sand	22	246
Sand and clay	14	260
Sticky clay and gravel	47	307
Clay and sand	23	330
Gray sand	50	380
Red Sand		

	Thickness (feet)	Depth (feet)
<u>Well 1934</u>		
Mrs. Rosis Agee, 18 miles southeast of Hale Center.		
Soil	3	3
Caliche	7	10
Brown clay and gravel	30	40
Fine-grained sand	10	50
Clay, rocks and streaks of sand	40	90
Rock	4	94
Sand and rock	6	100
Fine-grained sand	20	120
Clay	30	150
Fine-grained sand	8	158
Clay	12	170
Fine-grained sand	25	195
Coarse-grained sand and gravel	25	220
Tough red clay	45	265
Soft white clay	35	300
Shale	35	335

Table of drillers' logs, Hale County -- Continued

	Thickness (feet)	Depth (feet)
<u>Well 1948</u>		
W. D. Scarborough, 21 miles southeast of Hale Center.		
Soil	4	4
Caliche	16	20
Sand	7	27
Rock	4	31
Sandy clay	41	72
Water sand	8	80
Sandy clay	80	160
Water sand	15	175
Sandy clay	10	185
Sand	13	198
Sandy clay	2	200

	Thickness (feet)	Depth (feet)
<u>Well 1950</u>		
J. F. Stanton, 21 miles southeast of Hale Center.		
Soil	3	3
Caliche	9	12
Clay	28	40
Rock	12	52
Clay and little sand	30	82
Water sand	16	98
Clay and sand	42	140
Joint clay	5	145
Clay and streaks of sand	25	170
Sand	23	193
Sand and gravel	17	210

Water levels, Hale County, Texas

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

(Owner, distance and direction of well from Hale Center and height of measuring point above land surface.)

Well 11

S. C. Hutchinson, 15 $\frac{1}{2}$ miles northwest of Hale Center; at land surface.

Apr. 25, 1936	37.6
May 8, 1937	37.13
June 8	36.29
Aug. 19	36.92
Jan. 6, 1938	37.67
June 25	37.82
Aug. 10	38.09
Dec. 6	38.38
Jan. 4, 1939	38.42
Jan. 31	38.17
Mar. 4	38.21
July 7	38.33
Aug. 15	38.55
Oct. 2	38.80
Dec. 1	39.07
Feb. 29, 1940	39.33
July 9	39.52
Nov. 16	40.03
Jan. 17, 1941	40.11
Mar. 8	40.19
Nov. 13	36.77
Feb. 27, 1942	37.50
Oct. 9	38.22
Jan. 27, 1943	37.74
Feb. 7, 1944	39.00
Feb. 23, 1945	39.98

Well 15

S. C. Hutchinson, 14 $\frac{1}{2}$ miles northwest of Hale Center; 0.5 foot above land surface.

Aug. 19, 1937	57.8
Jan. 17, 1941	60.00
Nov. 13	59.12
Feb. 27, 1942	58.65
Oct. 9	58.66
Jan. 18, 1943	58.78
July 20	58.48
Feb. 3, 1944	59.08
Feb. 23, 1945	59.85
Feb. 25, 1946	60.69

Well 36

G. D. Lewellen, 12 $\frac{1}{2}$ miles northwest of Hale Center; 0.4 foot above land surface.

May 19, 1936	77.93
June 8, 1937	78.12
Aug. 16	77.86
Jan. 6, 1938	77.28
May 31	77.79
June 27	77.89
Jan. 17, 1941	79.00
Mar. 8	78.73
Nov. 13	78.41
Feb. 28, 1942	77.93
Oct. 24	77.95
Jan. 20, 1943	77.77
Feb. 3, 1944	78.46
Feb. 23, 1945	78.78
Feb. 25, 1946	79.78

Well 103

Carl Meter, 15 $\frac{1}{2}$ miles north of Hale Center; 2.0 feet above land surface.

Apr. 24, 1936	50.61
June 8, 1937	49.08
July 28	48.45
Oct. 1	48.04
Jan. 5, 1938	46.89
Mar. 12	47.61
June 25	47.89
Mar. 4, 1939	47.27
June 24	47.47
Aug. 15	48.18
Oct. 2	47.71
Dec. 1	47.80
Mar. 5, 1940	47.89
Nov. 16	48.68
Jan. 17, 1941	48.80
Mar. 8	48.65
Nov. 13	47.59
Feb. 28, 1942	47.05
Oct. 9	46.95
Jan. 27, 1943	46.33
Feb. 3, 1944	47.42
Feb. 24, 1945	48.90
Feb. 25, 1946	49.91

Water levels, Hale County -- Continued

Well 105

T. L. and D. Company, $13\frac{1}{8}$ miles north of Hale Center; 0.7 foot above land surface.

Apr. 18, 1934	49.5
Mar. 18, 1937	49.7
July 28	52.94
Aug. 11	53.24
Jan. 5, 1938	50.16
Mar. 12	49.57
Apr. 12	50.03
June 25	56.38
Aug. 10	57.35
Oct. 19	53.53
Dec. 6	51.36
Jan. 4, 1939	50.99
Jan. 31	50.64
Mar. 4	50.40
June 24	54.74
Jan. 17, 1941	52.78
Mar. 8	52.33
July 24	51.85
Nov. 13	51.27
Feb. 28, 1942	50.18
Oct. 9	50.86
Jan. 27, 1943	49.50
Feb. 3, 1944	49.90
Feb. 24, 1945	51.53
Feb. 25, 1946	53.64

Well 115

H. L. Gunter, 13 miles northwest of Hale Center; at land surface.

Apr. 25, 1936	53.18
May 8, 1937	54.16
June 8	54.40
July 17	54.20
Aug. 19	54.34
Jan. 6, 1938	53.73
Apr. 12	54.36
June 25	55.06
Aug. 10	55.26
Oct. 19	55.42
Dec. 6	55.07
Jan. 4, 1939	55.22
Jan. 31	55.01
Mar. 4	54.86
June 23	56.95
Aug. 15	56.59
Oct. 2	57.17
Dec. 1	56.82
Jan. 17, 1941	58.05
Mar. 8	57.55
Nov. 13	57.72

Well 115 -- Continued

Feb. 28, 1942	56.23
July 2	56.79
Oct. 9	57.86
Feb. 11, 1943	54.64
Feb. 2, 1944	56.26
Feb. 23, 1945	59.60

Well 123

L. C. Wayland, $10\frac{1}{8}$ miles northwest of Hale Center; 1.0 foot above land surface.

-- . --, 1914	62.5
Apr. 21, 1936	60.8
June 8, 1937	62.90
July 17	63.25
July 28	61.89
Jan. 6, 1938	61.60
Mar. 12	62.20
Apr. 12	61.90
June 24	62.47
Oct. 19	62.80
Jan. 4, 1939	62.22
Mar. 3	62.08
Aug. 15	64.46
Oct. 2	64.96
Dec. 1	63.10
Mar. 5, 1940	63.09
Nov. 16	66.30
Jan. 17, 1941	64.70
Mar. 8	64.38
July 24	64.21
Nov. 13	63.81
Feb. 28, 1942	63.02
Oct. 9	63.41
Jan. 18, 1943	62.60
Feb. 3, 1944	64.19
Feb. 23, 1945	65.80
Feb. 26, 1946	66.46

Well 125

E. E. Clark, $9\frac{1}{8}$ miles northwest of Hale Center; 1.0 foot above land surface.

June 15, 1937	80.47
July 22	80.54
Aug. 30	79.81
Jan. 6, 1938	79.20
Apr. 12	80.05
May 31	81.08
June 24	80.70
Aug. 15	80.64
Dec. 6	80.83

(Continued on next page)

Water levels, Hale County -- Continued

Well 125 -- Continued

Jan. 4, 1939	80.74
Mar. 3	80.53
June 23	81.94
Aug. 15	82.29
Oct. 2	82.45
Dec. 1	81.86
Mar. 27, 1940	81.99
Nov. 13	84.54
Mar. 8, 1941	83.29
July 24	83.38
Mar. 8	83.29
July 24	83.38
Nov. 13	82.84
Feb. 28, 1942	82.28
July 25	83.31
Oct. 24	83.45
Feb. 22, 1945	84.10
Feb. 26, 1946	86.23

Well 202

T. L. and D. Company, 16½ miles north-east of Hale Center; 1.5 feet above land surface.

Apr. 29, 1916	62.6
Apr. 18, 1934	64.1
May 11, 1936	67.79
Aug. 24, 1937	67.65
Sept. 10	67.64
Oct. 1	66.13
Nov. 2	65.65
Dec. 3	65.30
Jan. 5, 1938	65.19
Mar. 11	65.16
Apr. 11	67.18
June 21	67.40
Sept. 15	67.42
Dec. 8	66.65
Feb. 28, 1939	66.06
June 16	69.80
Oct. 2	68.08
Feb. 27, 1942	67.27
Oct. 12	67.80
Jan. 27, 1943	66.94
Feb. 7, 1944	68.14
Feb. 24, 1945	68.72
Feb. 27, 1946	70.02

Well 206

T. L. and D. Company, 17½ miles north-east of Hale Center; 0.5 foot above land surface.

Sept. 8, 1916	62.50
May 11, 1936	70.73
June 10, 1937	69.87
Sept. 14	68.23
Jan. 5, 1938	67.96
Apr. 11	67.46
Jan. 6, 1939	68.21
Mar. 1	68.05
Dec. 1	70.35
Mar. 5, 1940	69.66
Nov. 15	72.00
Jan. 16, 1941	71.37
Mar. 10	70.97
Nov. 5	71.56
Feb. 27, 1942	70.72
Oct. 13	72.03
Jan. 26, 1943	71.06
Feb. 10, 1944	72.68
Feb. 24, 1945	72.98
Feb. 27, 1946	74.71

Well 212

T. L. and D. Company, 18 miles north-east of Hale Center; 1.0 foot above land surface.

Sept. 12, 1914	52.5
Mar. 30, 1938	62.52
June 21	64.72
Oct. 19	67.23
Jan. 6, 1939	63.74
Oct. 3	73.63
Dec. 1	67.25
Mar. 5, 1940	63.89
Nov. 15	69.37
Jan. 16, 1941	66.40
Mar. 10	65.54
Nov. 5	65.42
Feb. 25, 1942	63.78
Oct. 13	66.09
Jan. 26, 1943	63.74
Feb. 10, 1944	65.26
Feb. 24, 1945	65.82
Feb. 27, 1946	78.09

Water levels, Hale County -- Continued

Well 220

T. L. and D. Company, 15 miles north-east of Hale Center; 0.7 feet above land surface.

July 27, 1916	46.7
Apr. 18, 1934	50.18
Sept. 13, 1937	55.82
Dec. 3	53.30
Jan. 5, 1938	53.05
Mar. 12	53.66
Apr. 11	53.39
June 21	55.64
Oct. 18	55.32
Jan. 4, 1939	54.90
Feb. 28	54.17
Dec. 1	56.35
Mar. 5, 1940	55.60
Nov. 7	58.32
Jan. 16, 1941	57.56
Mar. 10	57.28
Nov. 4	56.82
Feb. 27, 1942	55.47
Oct. 12	57.04
Jan. 27, 1943	56.10
Feb. 7, 1944	57.40
Feb. 24, 1945	58.07

Well 223

T. L. and D. Company, 14 $\frac{1}{2}$ miles north-east of Hale Center; 1.7 feet above land surface.

Dec. 23, 1916	44.70
Apr. 24, 1936	49.57
May 3, 1937	55.15
June 10	52.38
July 16	51.56
July 28	52.59
Oct. 1	52.93
Nov. 2	52.12
Mar. 12, 1938	51.72
Apr. 11	51.84
June 24	52.91
Oct. 18	53.47
Feb. 28, 1939	52.33
Oct. 2	57.86
Dec. 1	54.57
Feb. 27, 1942	53.83
Oct. 12	55.15
Jan. 27, 1943	53.93
Feb. 7, 1944	54.95
Feb. 24, 1945	56.07
Feb. 27, 1946	58.04

Well 232

Dick Carter, 13 miles northeast of Hale Center; 4.0 feet above land surface.

-- --, 1914	43.00
Apr. 24, 1936	51.80
June 10, 1937	51.86
July 16	52.84
July 28	51.55
Aug. 11	62.60
Jan. 5, 1938	49.69
Apr. 11	49.42
June 21	53.69
Jan. 4, 1939	50.45
Dec. 1	55.23
Mar. 5, 1940	52.55
Nov. 7	59.89
Jan. 16, 1941	55.64
Mar. 10	54.60
Jan. 27, 1943	52.50
Feb. 7, 1944	53.37
Feb. 24, 1945	54.45
Feb. 27, 1946	70.85

Well 238

Dr. M. Howell, 13 miles northeast of Hale Center; 6.75 feet above land surface.

-- --, 1914	48.70
Apr. 23, 1936	50.85
June 15	50.84
June 10, 1937	53.58
Sept. 3	56.34
Jan. 5, 1938	52.29
Mar. 12	52.11
Apr. 11	52.21
June 21	52.46
Oct. 18	52.65
Jan. 4, 1939	52.57
Feb. 28	52.53
June 16	53.05
Aug. 14	53.12
Oct. 2	53.47
Dec. 1	53.60
Mar. 5, 1940	53.53
Nov. 7	55.93
Jan. 16, 1941	55.58
Mar. 10	55.44
Nov. 5	54.86
Feb. 24, 1942	54.16
Oct. 12	55.00
Jan. 27, 1943	54.67
Feb. 3, 1944	55.75
Feb. 24, 1945	56.92
Feb. 26, 1946	59.31

Water Levels, Hale County -- Continued

Well 246

--, 11 $\frac{1}{2}$ miles northeast of Hale Center;
0.5 foot above land surface.

May 9, 1936	45.74
Apr. 22, 1937	45.95
June 4	46.25
June 8	46.27
July 13	46.20
July 15	46.21
July 28	46.25
Aug. 24	46.26
Sept. 10	46.47
Oct. 1	46.58
Nov. 2	46.72
Dec. 1	46.70
Jan. 5, 1938	46.72
Mar. 12	46.68
Apr. 11	46.95
June 2	47.34
June 24	47.36
Aug. 10	47.66
Sept. 15	47.76
Oct. 17	47.90
Dec. 6	48.04
Jan. 4, 1939	47.97
Feb. 28	47.78
June 16	48.24
Aug. 14	49.50
Oct. 2	50.87
Dec. 1	50.47
Feb. 29, 1940	49.65
Oct. 27	54.20
Nov. 7	54.62
Jan. 16, 1941	51.91
Mar. 4	51.55
July 24	50.98
Oct. 16	50.48
July 2, 1942	50.32
Oct. 12	50.98
Jan. 27, 1943	49.66
Feb. 3, 1944	52.48
Feb. 21, 1945	53.75
Feb. 26, 1946	58.13

Well 255

G. H. Slaton, 9 $\frac{1}{2}$ miles northeast of
Hale Center; at land surface.

--, 1910	20.00
1914	20.00
Aug. 16, 1937	17.59
Aug. 20	17.80
Apr. 12, 1938	18.65
June 2	18.69
July 27	18.68

Well 255 -- Continued

Aug. 10, 1938	18.96
Dec. 9	18.73
Jan. 16, 1939	18.32
Jan. 31	18.44
Mar. 4	18.75
Apr. 3	18.75
July 19	18.75
Oct. 2	42.5
Dec. 1	20.21
Feb. 29, 1940	20.24
Nov. 13	21.62
Jan. 17, 1941	21.20
Mar. 8	21.24
Oct. 8, 1942	17.05
Jan. 20, 1943	16.69
Feb. 3, 1944	19.63
Feb. 23, 1945	21.58
Feb. 27, 1946	24.26

Well 259

C. S. Ebeling, 9 miles north of Hale
Center; 2.0 feet below land surface.

--, 1914	23.7
--, 1936	19.4
June 7, 1937	17.99
Aug. 25	17.88
Jan. 6, 1938	17.48
Mar. 12	17.77
Apr. 12	17.97
May 31	18.22
June 27	18.20
Dec. 6	18.52
Jan. 16, 1939	18.52
Jan. 31	18.46
Mar. 3	18.61
Mar. 26	18.78
June 23	18.92
July 19	21.54
Oct. 2	19.72
Dec. 1	19.74
Feb. 29, 1940	19.89
Nov. 13	21.71
Jan. 17, 1941	20.70
Mar. 8	20.85
June 2	19.26
Nov. 13	15.32
Feb. 28, 1942	16.28
Oct. 24	16.88
Jan. 20, 1943	16.83
Feb. 3, 1944	19.46
Feb. 23, 1945	21.00
Feb. 27, 1946	22.93

Water levels, Hale County -- Continued

Well 305

T. L. and D. Company, 18 $\frac{1}{2}$ miles northeast of Hale Center; 3.5 feet above land surface.

Apr. 2, 1917	60.50
Sept. 16, 1937	71.82
Mar. 30, 1938	69.60
May 27	70.34
June 27	70.37
Dec. 8	70.47
Mar. 1, 1939	69.91
June 16	71.66
Oct. 3	73.18
Oct. 24	72.95
Dec. 8	72.41
Mar. 5, 1940	71.59
Nov. 15	74.46
Jan. 16, 1941	73.67
Mar. 10	73.18
July 25	72.91
Nov. 5	72.70
Feb. 25, 1942	71.90
Oct. 13	72.36
Jan. 26, 1943	71.60
Feb. 10, 1944	73.52
Feb. 24, 1945	73.15
Feb. 27, 1946	76.92

Well 307

T. L. and D. Company, 19 miles northeast of Hale Center; 1.5 feet above land surface.

May 4, 1915	56.50
Apr. 18, 1934	61.64
Sept. 16, 1937	66.53
Mar. 30, 1938	63.42
May 27	67.10
June 27	64.56
Dec. 8	64.38
Jan. 6, 1939	64.27
Mar. 1	63.94
Dec. 8	66.15
Mar. 5, 1940	65.07
Nov. 15	68.40
Jan. 16, 1941	67.05
Mar. 10	66.53
July 25	66.19
Nov. 5	66.20
Feb. 25, 1942	65.35
Oct. 13	66.41
Jan. 26, 1943	65.50
Feb. 10, 1944	67.20
Feb. 24, 1945	67.62
Feb. 27, 1946	69.33

Well 316

T. L. and D. Company, 17 $\frac{1}{2}$ miles northeast of Hale Center; 3.16 feet above land surface.

Apr. 23, 1936	49.86
June 10, 1937	50.32
Sept. 14	50.44
Sept. 16	50.46
Oct. 4	50.47
Nov. 1	50.51
Dec. 3	50.54
Jan. 5, 1938	50.56
Mar. 12	50.60
Apr. 11	50.62
May 27	50.65
June 27	50.69
Aug. 11	50.73
Sept. 15	50.77
Oct. 18	50.80
Dec. 8	50.83
Jan. 6, 1939	50.85
Feb. 28	50.89
June 16	50.97
July 20	51.02
Aug. 14	51.06
Oct. 3	51.15
Oct. 24	51.19
Dec. 8	51.27
Mar. 5, 1940	51.43
Nov. 15	52.24
Jan. 16, 1941	52.48
Mar. 10	52.58
July 25	53.08
Oct. 16	52.92
Feb. 25, 1942	52.66
Oct. 23	53.17
Jan. 26, 1943	52.98
Feb. 10, 1944	54.04
Feb. 24, 1945	55.15
Feb. 27, 1946	57.95

Well 317

T. L. and D. Company, 18 miles northeast of Hale Center; 1.5 feet above land surface.

Aug. 5, 1916	45.50
Apr. 18, 1934	49.41
Sept. 16, 1937	52.19
Jan. 5, 1938	51.13
Mar. 12	51.06
Apr. 11	51.08
May 27	52.27
Sept. 15	53.16
Oct. 18	52.12

(Continued on next page)

Water levels, Hale County -- Continued

Well 317 -- Continued

Dec. 8, 1938	51.59
Jan. 6, 1939	51.57
Feb. 28	51.53
June 16	55.90
July 18	52.82
Oct. 24	52.86
Dec. 8	53.28
Mar. 5, 1940	52.32
Oct. 27	53.90
Nov. 15	53.66
Jan. 16, 1941	53.54
Mar. 10	53.42
July 25	52.93
Oct. 16	53.26
Feb. 25, 1942	53.02
Oct. 23	53.75
Jan. 26, 1943	53.16
Feb. 10, 1944	54.43
Feb. 24, 1945	55.47
Feb. 27, 1946	57.60

Well 330

E. H. Cox, 16 $\frac{1}{2}$ miles northeast of Hale Center; at land surface,

-- : --, 1914	42.00
Apr. 23, 1936	44.59
June 10, 1937	44.85
July 13	44.73
Aug. 26	44.75
Oct. 4	44.85
Nov. 1	44.89
Dec. 3	44.84
Jan. 5, 1938	44.89
Mar. 12	45.38
Apr. 11	45.44
May 27	45.44
June 27	45.52
Aug. 12	45.24
Sept. 15	45.66
Oct. 18	45.32
Dec. 8	45.24
Jan. 6, 1939	45.32
Feb. 28	45.51
July 20	45.80
Aug. 14	45.74
Dec. 8	47.24
Mar. 5, 1940	46.03
Nov. 15	46.68
Jan. 16, 1941	46.60
Mar. 10	46.67
Nov. 5	46.21
Feb. 25, 1942	45.98
Oct. 23	46.76

Well 330 -- Continued

Jan. 26, 1943	46.78
Feb. 10, 1944	47.34
Feb. 24, 1945	48.91
Feb. 27, 1946	50.25

Well 338

Dr. J. H. Stewart, 19 $\frac{1}{2}$ miles northeast of Hale Center; 0.24 foot above land surface.

-- : --, 1914	42.2
-- : --, 1916	42.2
Apr. 30, 1936	45.54
Aug. 27, 1937	45.86
Sept. 14	45.92
Oct. 1	45.65
Nov. 1	45.56
Dec. 3	45.48
Jan. 4, 1938	45.49
Mar. 11	45.53
Apr. 13	45.56
May 26	46.20
June 27	45.90
Oct. 18	46.06
Dec. 5	46.02
Jan. 3, 1939	45.93
Feb. 27	45.92
June 24	46.82
Aug. 14	48.31
Oct. 4	47.77
Dec. 8	47.23
Mar. 6, 1940	47.21
Nov. 15	48.66
Jan. 18, 1941	48.64
Mar. 11	48.58
Nov. 5	46.97
Feb. 25, 1942	46.45
Oct. 20	47.10
Jan. 26, 1943	46.59
Feb. 11, 1944	48.68
Feb. 12, 1945	50.10
Feb. 28, 1946	51.77

Well 357

G. W. Lewellen, 14 $\frac{1}{2}$ miles northeast of Hale Center; 0.3 foot above land surface.

May --, 1936	36.2
June 5, 1937	36.63
July 27	35.19
Sept. 38	35.15
Oct. 1	35.20

(Continued on next page)

Water levels, Hale County -- Continued

Well 357 -- Continued

Oct. 19, 1937	35.30
Nov. 1	35.45
Nov. 4	35.44
Nov. 23	35.71
Dec. 2	35.76
Jan. 4, 1938	35.93
Mar. 10	36.12
Apr. 13	36.24
May 26	36.55
June 21	36.66
Aug. 11	36.39
Oct. 17	36.69
Dec. 5	36.82
Jan. 3, 1939	36.98
Feb. 27	37.01
June 21	37.59
June 26	37.59
July 25	37.59
Aug. 16	37.69
Oct. 4	38.07
Dec. 14	38.23
Mar. 6, 1940	38.43
Nov. 15	39.97
Jan. 18, 1941	40.10
Mar. 10	40.17
June 2	39.32
July 23	37.84
Nov. 21	36.68
July 24, 1942	37.20
Oct. 23	37.37
Jan. 29, 1943	37.16
Feb. 1, 1944	39.02
Feb. 12, 1945	41.05
Mar. 5, 1946	44.57

Well 370

D. A. Reading, 14¹/₂ miles northeast of Hale Center; 0.6 foot above land surface.

-- . --, 1936	41.80
Aug. 26, 1937	43.28
Sept. 14	43.32
Oct. 4	43.29
Nov. 1	43.17
Dec. 3	43.06
Jan. 5, 1938	42.96
Mar. 12	42.85
Apr. 11	42.85
May 27	42.97
June 27	43.08
Aug. 12	43.20
Oct. 18	43.04
Dec. 8	42.95

Well 370 -- Continued

Jan. 6, 1939	42.97
Feb. 28	42.94
June 16	43.48
July 20	43.47
Oct. 3	43.81
Dec. 8	43.98
Mar. 5, 1940	44.03
Nov. 15	45.33
Jan. 16, 1941	45.32
Mar. 16	45.27
July 25	44.78
Nov. 5	44.18
Feb. 24, 1942	43.58
Jan. 26, 1943	44.24
Feb. 3, 1944	45.70
Feb. 21, 1945	47.15
Feb. 27, 1946	49.27

Well 402

N. R. Johnson, 11 miles northeast of Hale Center; 0.5 foot above land surface.

Aug. 20, 1937	18.53
Aug. 25	18.37
Sept. 10	17.45
Oct. 1	18.63
Nov. 2	18.86
Dec. 1	19.15
Jan. 8, 1938	19.36
May 31	19.91
June 27	17.51
Aug. 10	18.62
Oct. 17	19.39
Dec. 7	19.88
Jan. 5, 1939	20.06
Jan. 16	19.30
Jan. 31	19.55
Mar. 1	19.91
Mar. 26	20.08
Apr. 3	19.94
June 19	20.55
June 21	20.50
June 23	19.98
June 26	19.62
July 3	19.54
July 7	19.76
July 19	20.23
Aug. 14	20.34
Oct. 2	21.21
Dec. 1	21.64
Feb. 29, 1940	21.87
July 9	22.54
Sept. 20	23.22

(Continued on next page)

Water levels, Hale County --- Continued

Well 402 -- Continued

Oct. 27, 1940	23.52
Nov. 7	23.57
Jan. 17, 1941	23.75
Mar. 4	23.91
May 4	23.85
May 30	22.44
June 2	22.13
July 24	15.99
Oct. 16	17.66
Feb. 24, 1942	19.32
July 2	19.50
Oct. 12	20.71
Jan. 27, 1943	20.75
Feb. 3, 1944	22.86
Feb. 21, 1945	25.12
Feb. 28, 1946	28.62

Well 422

Mrs. J. B. Long, 16 miles northeast of Hale Center; 0.2 foot above land surface.

Oct. 1, 1937	38.24
Oct 23	38.35
Nov. 1	38.48
Nov. 4	38.49
Nov. 29	38.66
Dec. 2	38.70
Jan. 4, 1938	38.91
May 26	39.71
June 28	40.07
Oct. 17	40.88
Jan. 5, 1939	41.21
Mar. 1	40.95
June 23	41.46
Oct. 5	42.01
Mar. 7, 1940	42.38
Nov. 15	43.79
Jan. 20, 1941	44.01
Mar. 11	44.16
June 2	43.27
Nov. 21	36.05
Mar. 12, 1942	36.61
Oct. 29	38.15
Jan. 26, 1943	37.85
Feb. 16, 1944	41.53
Feb. 13, 1945	44.70

Well 427

C.M.Smith, 17 miles northeast of Hale Center; 2.0 feet above land surface.

-- . --, 1914	43.00
Apr. 22, 1936	49.02
Mar. 17, 1937	47.74
May 3	50.64
May 26	50.96
June 7	49.98
June 9	49.90
July 27	50.35
Aug. 25	50.30
Sept. 14	49.61
Oct. 1	49.29
Nov. 1	48.62
Dec. 2	48.29
Jan. 4, 1938	48.03
Mar. 10	47.84
Apr. 14	48.88
May 26	48.90
June 23	48.92
Aug. 11	50.02
Oct. 17	49.64
Dec. 5	49.78
Jan. 5, 1939	49.71
Mar. 1	49.21
June 26	50.60
July 25	51.29
Oct. 5	51.65
Dec. 14	51.27
Mar. 6, 1940	50.65
Nov. 15	53.40
Jan. 20, 1941	52.70
Mar. 11	52.53
Nov. 21	50.08
Mar. 9, 1942	48.97
Oct. 23	49.01
Jan. 26, 1943	48.60
Feb. 15, 1944	50.34
Feb. 13, 1945	52.95
Mar. 1, 1946	54.92

Well 428

C. M. Smith, 17 miles northeast of Hale Center; 2.5 feet above land surface.

May 1, 1936	52.5
May 25, 1937	49.88
June 9	48.93
June 4	49.11
June 14	48.76

(Continued on next page)

Water levels, Hale County -- Continued

Well 428 -- Continued

July 3, 1937	48.65
Aug. 25	49.11
Sept. 6	49.09
Sept. 14	48.86
Oct. 1	48.77
Nov. 1	48.10
Dec. 2	47.86
Mar. 10, 1938	47.81
Apr. 14	49.66
June 3	49.20
June 21	49.22
Aug. 11	52.01
Oct. 17	49.47
Nov. 29	51.07
Jan. 5, 1939	50.16
Oct. 5	52.56
Dec. 14	52.10
Mar. 7, 1940	50.63
Nov. 15	53.26
Jan. 20, 1941	52.64
Mar. 11	52.50
June 2	52.64
Apr. 23	50.48
Mar. 9, 1942	48.11
Oct. 23	48.79
Jan. 18, 1943	48.43
July 20	49.98
Feb. 1, 1944	50.25
Feb. 13, 1945	52.54
Mar. 1, 1946	54.55

Well 433a

Lizzie B. Morris, 15 miles northeast of Hale Center; 0.5 foot above land surface.

Apr. 14, 1938	18.49
June 3	18.71
June 23	19.16
Jan. 16, 1939	18.95
Mar. 2	19.91
June 19	21.03
Aug. 16	19.52
Oct. 5	21.60
Mar. 7, 1940	22.58
July 9	23.70
Jan. 20, 1941	24.93
Mar. 11	25.12
Nov. 21	6.97
Oct. 29, 1942	12.72
Jan. 26, 1943	15.16
Feb. 17, 1944	20.25
Feb. 13, 1945	23.77
Mar. 1, 1946	26.46

Well 434

Lizzie B. Morris, 14 miles northeast of Hale Center; 0.3 foot below land surface.

Jan. 5, 1917	42.7
Oct. 25, 1937	43.82
May 26, 1938	44.22
June 23	44.35
Oct. 17	45.01
Mar. 2, 1939	45.08
Oct. 5	46.49
Dec. 14	46.59
Mar. 7, 1940	46.64
Nov. 14	48.59
Jan. 20, 1941	48.52
Mar. 11	48.64
Nov. 21	44.40
Mar. 12, 1942	42.90
Oct. 20	44.00
Jan. 18, 1943	43.64
Mar. 1, 1946	51.76

Well 435

Lizzie B. Morris, 14 miles northeast of Hale Center; 1.0 foot above land surface.

Jan. 20, 1917	47.00
Oct. 25, 1937	49.59
May 26, 1938	48.92
June 23	48.96
Oct. 17	49.63
Mar. 2, 1939	49.57
Oct. 5	51.23
Dec. 14	51.23
Mar. 7, 1940	51.33
Nov. 14	53.41
Jan. 20, 1941	53.17
Mar. 11	53.24
Nov. 21	49.63
Mar. 12, 1942	48.08
Oct. 20	49.06
Jan. 18, 1943	48.62
July 20	49.69
Feb. 17, 1944	50.35
Feb. 13, 1945	53.20
Mar. 1, 1946	56.04

Well 449

W. S. Messick, 7 $\frac{1}{2}$ miles northeast of Hale Center; at land surface.

---, ---, 1914	57.5
May 6, 1937	59.00

(Continued on next page)

Water levels, Hale County -- Continued

Well 449 -- Continued

Apr. 26, 1937
 June 8
 July 12
 July 19
 Aug. 9
 Jan. 8, 1938
 Mar. 11
 Apr. 12
 June 2
 Aug. 10
 Oct. 20
 Dec. 7
 Mar. 3, 1939
 June 26
 Aug. 16
 Oct. 6
 Dec. 14
 Mar. 7, 1940
 Nov. 14
 Jan. 21, 1941
 Mar. 4
 Nov. 24
 Mar. 12, 1942
 Oct. 8
 Jan. 26, 1943
 Feb. 8, 1944
 Feb. 13, 1945
 Feb. 28, 1946

59.00
 58.34
 58.17
 58.24
 58.20
 57.60
 57.81
 57.76
 58.30
 58.20
 58.55
 58.37
 58.29
 58.82
 59.11
 59.08
 59.40
 59.00
 61.91
 61.08
 60.90
 60.14
 60.08
 60.83
 60.01
 60.70
 61.72
 62.67

Well 454

B. F. Smith, 16 $\frac{1}{2}$ miles northeast of Hale Center; 1.0 foot above land surface.

June 27, 1914
 -- --, 1914
 July 23, 1937
 Jan. 8, 1938
 Apr. 14
 June 26
 Oct. 17
 Dec. 7
 Jan. 5, 1939
 Aug. 16
 Oct. 5
 Dec. 14
 Mar. 7, 1940
 Nov. 15
 Jan. 20, 1941
 Mar. 11
 Jan. 26, 1943
 Feb. 17, 1944
 Feb. 13, 1945
 Feb. 28, 1946

48.6
 48.00
 53.69
 50.45
 59.04
 52.12
 52.62
 52.75
 52.10
 59.05
 62.88
 55.30
 54.12
 56.96
 56.19
 55.94
 51.23
 52.90
 58.42
 57.76

Well 462

R. E. Keniston, 16 miles northeast of Hale Center; 0.4 foot above land surface.

-- --, 1914
 May 15, 1936
 June 16
 Mar. 17, 1937
 Apr. 29
 Oct. 2
 Dec. 1
 Jan. 8, 1938
 Mar. 10
 Apr. 14
 May 26
 June 28
 Oct. 17
 Dec. 7
 Jan. 5, 1939
 Mar. 2
 June 19
 Aug. 16
 Oct. 5
 Dec. 14
 Mar. 7, 1940
 Nov. 15
 Jan. 20, 1941
 Mar. 11
 Nov. 24
 Mar. 12, 1942
 Oct. 29
 Jan. 26, 1943
 Feb. 17, 1944
 Feb. 13, 1945
 Feb. 28, 1946

36.9
 42.75
 40.84
 42.02
 42.07
 39.61
 39.41
 39.62
 39.90
 40.75
 41.37
 41.74
 42.61
 42.21
 42.16
 41.79
 46.19
 44.96
 45.79
 44.39
 44.05
 47.96
 46.49
 46.43
 37.60
 37.77
 39.71
 39.00
 42.06
 45.30
 48.14

Well 463

R. E. Keniston, 15 $\frac{1}{2}$ miles northeast of Hale Center; 2.0 feet above land surface.

-- --, 1914
 Feb. 24, 1915
 Sept. 10, 1937
 Oct. 2
 Nov. 2
 Dec. 1
 Apr. 14, 1938
 June 28
 Oct. 17
 Dec. 7
 Jan. 5, 1939
 Mar. 2
 Aug. 16

34.00
 37.00
 34.60
 34.62
 34.53
 34.61
 36.92
 36.81
 37.78
 37.62
 37.50
 37.13
 39.60

(Continued on next page)

Water Levels, Hale County -- Continued

Well 463 -- Continued

Oct. 5, 1939	40.90
Dec. 14	39.79
Mar. 7, 1940	39.54
Nov. 15	42.23
Jan. 20, 1941	41.84
Mar. 11	41.81
June 2	39.67
July 23	33.47
Nov. 24	32.09
Mar. 12, 1942	33.12
Oct. 29	34.40
Jan. 26, 1943	33.97
Feb. 17, 1944	38.82
Feb. 13, 1945	40.88
Feb. 28, 1946	43.74

Well 467

M. E. Courtney, 13 miles northeast of Hale Center; 0.5 foot above land surface.

Sept. 10, 1937	34.61
Oct. 2	34.40
Nov. 2	34.23
Dec. 1	33.90
Jan. 8, 1938	33.57
Mar. 11	33.26
Apr. 13	33.18
June 28	33.15
Aug. 11	33.37
Oct. 20	34.24
Dec. 7	34.44
Jan. 5, 1939	34.42
Mar. 2	34.15
June 19	34.92
Aug. 16	37.27
Oct. 5	37.11
Dec. 14	35.97
Mar. 7, 1940	35.50
Nov. 13	39.80
Jan. 20, 1941	38.53
Mar. 11	37.95
Nov. 24	35.99
Mar. 12, 1942	34.52
Oct. 29	34.30
Jan. 26, 1943	33.67
Feb. 17, 1944	35.70
Feb. 13, 1945	38.05
Feb. 28, 1946	39.17

Well 470

M. H. Neer, 10 $\frac{1}{2}$ miles northeast of Hale Center; 0.4 foot above land surface.

June 18, 1936	55.60
Aug. 25, 1937	33.02
Sept. 10	32.98
Oct. 2	32.98
Nov. 2	32.97
Dec. 1	32.92
Jan. 6, 1938	32.82
Mar. 11	32.79
Apr. 13	32.82
June 28	32.94
Aug. 11	33.02
Oct. 20	33.04
Dec. 7	33.06
Jan. 5, 1939	33.06
Mar. 3	33.06
Apr. 19	33.22
Aug. 16	33.30
Oct. 5	33.34
Dec. 14	33.35
Mar. 7, 1940	33.46
Nov. 13	33.74
Jan. 20, 1941	33.73
Mar. 11	33.80
July 25	33.25
Nov. 24	31.99
Mar. 12, 1942	31.59
Oct. 29	32.32
Jan. 26, 1943	31.50
Feb. 8, 1944	30.88
Feb. 13, 1945	31.58
Feb. 28, 1946	32.19

Well 477

C. J. Jagelky, 7 $\frac{1}{2}$ miles northeast of Hale Center; 0.5 foot above land surface.

May 7, 1936	38.60
Apr. 26, 1937	39.00
May 27	39.05
July 19	38.92
Aug. 9	38.69
Aug. 24	39.07
Sept. 10	38.70
Oct. 2	38.52
Nov. 2	38.38
Dec. 1	38.28

(Continued on next page)

Water levels, Hale County --- Continued

Well 477 -- Continued

Jan. 6, 1938	38.14
Mar. 11	38.15
Apr. 12	38.20
June 2	38.59
June 28	38.62
Aug. 11	38.59
Oct. 20	38.97
Dec. 7	38.82
Jan. 5, 1939	38.77
Mar. 3	38.73
June 19	39.17
July 19	39.04
Aug. 16	38.93
Oct. 5	38.95
Dec. 14	38.73
Mar. 7, 1940	38.76
Nov. 13	39.67
Jan. 21, 1941	39.46
Mar. 11	39.45
Nov. 24	38.10
Mar. 12, 1942	37.69
Dec. 29	37.67
Jan. 26, 1943	37.07
Feb. 8, 1944	36.94
Feb. 13, 1945	37.70
Feb. 28, 1946	37.28

Well 508

J. D. Webb, 7 miles northeast of Hale Center; 1.0 foot above land surface.

-- --, 1914	49.00
May 11, 1936	47.00
Aug. 27, 1937	47.14
Jan. 6, 1938	46.70
Apr. 12	46.86
June 25	47.03
Aug. 10	47.15
Oct. 19	47.37
Dec. 9	47.41
Jan. 5, 1939	47.45
Mar. 3	47.47
June 23	47.73
July 19	47.85
Oct. 6	48.15
Dec. 1	48.31
Mar. 4, 1940	48.53
Nov. 14	50.10
Jan. 17, 1941	49.85
Mar. 11	49.86
Oct. 14	49.69
Feb. 28, 1942	48.82
Oct. 24	49.10

Well 508 -- Continued

Jan. 20, 1943	48.92
Feb. 16, 1944	50.08
Feb. 23, 1945	50.97
Mar. 6, 1946	52.54

Well 510

R. E. Walker, 8 $\frac{1}{2}$ miles northeast of Hale Center; at land surface.

Apr. 27, 1936	37.75
Apr. 22, 1937	36.24
May 21	36.44
June 9	36.36
July 22	35.78
Aug. 19	35.51
Aug. 25	35.48
Sept. 10	35.44
Oct. 1	35.34
Nov. 2	35.28
Dec. 1	35.27
Jan. 6, 1938	35.26
Mar. 12	35.40
Apr. 12	35.50
May 31	35.63
June 25	35.69
Aug. 10	35.74
Oct. 19	36.05
Dec. 6	35.98
Jan. 4, 1939	36.04
Jan. 16	36.05
Jan. 31	36.00
Mar. 4	36.02
Apr. 3	36.10
June 23	36.34
July 19	36.30
Oct. 2	36.58
Dec. 1	36.86
Feb. 29, 1940	37.17
July 9	37.52
Nov. 14	38.06
Jan. 17, 1941	38.19
Mar. 11	38.30
June 2	38.11
July 24	36.11
Nov. 21	34.57
Feb. 28, 1942	34.03
Oct. 8	34.61
Jan. 20, 1943	34.68
Feb. 2, 1944	36.38
Feb. 23, 1945	38.30
Mar. 6, 1946	40.88

Water levels, Hale County -- Continued

Well 511

Dr. J. Anderson, $9\frac{1}{2}$ miles northeast of Hale Center; 2.0 feet above land surface.

-- . --, 1914	22.00
-- . --, 1916	22.00
Apr. 26, 1936	21.43
May 15	21.08
Apr. 22, 1937	20.33
May 5	20.44
May 21	19.60
June 8	15.06
June 24	15.50
July 13	16.11
July 23	16.11
July 30	16.25
Aug. 11	16.60
Aug. 19	16.83
Aug. 24	16.98
Sept. 10	16.77
Oct. 1	17.22
Nov. 2	18.00
Dec. 1	18.47
Jan. 5, 1938	18.88
Mar. 12	19.50
Apr. 12	19.78
May 31	20.16
June 25	19.83
Aug. 10	20.11
Oct. 17	19.26
Dec. 6	20.27
Jan. 5, 1939	20.67
Jan. 16	19.01
Jan. 31	19.58
Mar. 4	20.29
Mar. 26	20.53
Apr. 3	20.25
June 19	21.16
June 21	21.09
June 23	19.87
June 26	19.22
July 3	19.34
July 7	19.56
July 11	19.76
July 19	20.05
Aug. 14	20.79
Oct. 2	21.47
Dec. 1	22.00
Feb. 29, 1940	22.73
July 9	22.67
Oct. 27	23.80
Nov. 14	23.92
Jan. 17, 1941	24.14
Mar. 4	24.28
May 4	25.32
May 30	19.38

Well 511 -- Continued

June 2, 1941	17.80
June 3	17.51
July 24	15.75
Oct. 14	14.90
Feb. 28, 1942	16.79
July 2	17.56
Oct. 8	19.88
Feb. 11, 1943	20.10
Feb. 2, 1944	23.20
Feb. 23, 1945	25.19
Mar. 6, 1946	28.28

Well 539

Fred Rastetter, $3\frac{1}{4}$ miles northeast of Hale Center; 2.3 feet above land surface.

Oct. 26, 1937	56.82
Apr. 12, 1938	57.60
June 2	57.37
Aug. 11	57.96
Oct. 20	58.08
Dec. 9	58.13
Mar. 3, 1939	57.58
June 19	59.18
July 19	58.89
Aug. 16	58.64
Oct. 6	59.55
Dec. 14	58.48
Mar. 13, 1940	58.41
Nov. 14	59.96
Jan. 21, 1941	59.48
Mar. 4	59.59
Jan. 26, 1943	58.31
Feb. 17, 1944	59.89
Feb. 24, 1945	61.00
Mar. 1, 1946	63.49

Well 547

O. C. McClain, 7 miles northeast of Hale Center; 0.5 foot above land surface.

May 6, 1936	50.57
Mar. 17, 1937	51.16
Apr. 24	51.34
May 27	51.47
July 12	51.34
July 26	51.42
Aug. 24	51.34
Aug. 30	51.29
Sept. 10	51.22
Oct. 2	51.02

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Water levels, Hale County -- Continued

Well 547 -- Continued

Nov. 2, 1937	50.86
Dec. 1	50.70
Jan. 8, 1938	50.66
Mar. 11	50.79
Apr. 12	50.82
June 28	51.33
Aug. 10	51.44
Oct. 19	51.64
Dec. 7	51.71
Mar. 3, 1939	51.74
June 19	52.17
Aug. 16	52.27
Oct. 6	52.53
Dec. 14	52.54
Mar. 7, 1940	52.66
Nov. 14	54.18
Jan. 21, 1941	54.15
Mar. 4	54.28
Nov. 25	53.30
Mar. 12, 1942	52.76
Oct. 12	54.09
Jan. 26, 1943	53.34
Feb. 8, 1944	55.20
Feb. 13, 1945	56.05
Mar. 1, 1946	55.38

Well 552

T. L. and D. Company, 4 miles east of Hale Center; 1.0 foot above land surface.

Dec. 28, 1914	63.00
Apr. 16, 1934	58.36
May 5, 1936	61.33
Apr. 26, 1937	59.93
May 27	60.16
July 12	60.23
Aug. 9	59.36
Aug. 24	60.07
Sept. 10	59.09
Oct. 2	58.89
Nov. 2	58.73
Dec. 1	58.60
Jan. 6, 1938	58.64
Mar. 11	58.60
Apr. 12	58.65
June 2	66.18
June 28	59.36
Aug. 15	62.41
Oct. 20	59.61
Dec. 9	59.49
Jan. 5, 1939	59.40
Mar. 3	59.28
June 19	67.49

Well 552 -- Continued

July 19, 1939	61.92
Aug. 16	60.69
Oct. 6	61.13
Dec. 14	60.20
Mar. 7, 1940	60.04
Nov. 13	61.50
Jan. 21, 1941	61.14
Mar. 4	62.06
Nov. 25	59.97
Mar. 13, 1942	59.35
Oct. 29	59.55
Jan. 26, 1943	59.20
Feb. 16, 1944	59.80
Feb. 24, 1945	60.58
Mar. 1, 1946	63.30

Well 564

T. F. Mounts, 2 miles northeast of Hale Center; 0.5 foot above land surface.

Aug. 16, 1937	56.35
Aug. 24	56.38
Aug. 30	56.39
Sept. 10	56.38
Oct. 2	56.39
Nov. 2	56.37
Dec. 1	56.33
Jan. 6, 1938	56.26
Mar. 11	56.25
Apr. 12	56.23
June 2	56.25
June 28	56.31
Aug. 11	56.25
Oct. 20	56.46
Dec. 9	56.50
Mar. 3, 1939	56.55
June 19	56.74
July 19	56.81
Aug. 16	56.86
Oct. 6	56.95
Dec. 14	57.03
Mar. 13, 1940	57.16
July 10	57.37
Nov. 14	57.71
Jan. 21, 1941	57.78
Mar. 4	57.84
July 25	57.96
Nov. 25	57.65
Mar. 13, 1942	57.37
July 25	57.18
Oct. 29	57.29
Jan. 26, 1943	57.36
Feb. 16, 1944	57.84
Feb. 16, 1945	58.35
Mar. 1, 1946	59.17

Water levels, Hale County -- Continued

Well 567

J. B. Maxey, 1 mile northeast of Hale Center; 0.5 foot above land surface.

May 1, 1936	52.42
Apr. 26, 1937	52.85
June 8	52.89
July 12	52.73
July 22	52.76
July 26	52.73
Aug. 11	52.68
Aug. 24	52.54
Aug. 30	52.49
Sept. 10	52.49
Oct. 2	52.27
Nov. 2	52.26
Dec. 1	52.12
Jan. 6, 1938	52.02
Mar. 11	52.15
Apr. 12	52.19
June 2	52.36
June 28	53.40
Aug. 11	52.55
Oct. 20	52.75
Dec. 9	52.77
Mar. 3, 1939	52.84
June 19	53.10
July 19	53.30
Oct. 6	53.25
Dec. 14	53.19
Mar. 13, 1940	53.62
Nov. 14	53.90
Jan. 21, 1941	54.01
Mar. 4	54.07
Nov. 25	53.01
Mar. 13, 1942	52.55
July 25	52.90
Oct. 29	53.13
Jan. 23, 1943	53.12
Feb. 17, 1944	53.97
Feb. 24, 1945	54.53
Mar. 1, 1946	55.36

Well 569

O. C. Sanders, 1 mile southeast of Hale Center; 0.5 foot above land surface.

-- --, 1914	55.5
-- --, 1917	56.5
May 11, 1936	54.5
Apr. 26, 1937	55.90
June 7	56.24
July 26	54.37
Aug. 11	53.64

Well 569 -- Continued

Jan. 6, 1938	53.06
Mar. 11	53.14
Apr. 12	53.10
June 2	54.28
June 28	53.88
Aug. 15	53.58
Oct. 20	53.77
Dec. 9	53.64
June 19, 1939	54.50
July 19	54.50
Oct. 6	54.53
Dec. 14	54.61
Mar. 7, 1940	54.84
Nov. 13	56.19
Jan. 21, 1941	55.87
Mar. 4	56.02
Nov. 25	53.63
Mar. 13, 1942	53.48
Oct. 29	53.85
Jan. 24, 1943	53.71
Feb. 17, 1944	54.48
Feb. 24, 1945	55.55
Mar. 1, 1946	58.32

Well 605

J. O. Douglas, 1 1/2 miles northwest of Hale Center; 3.0 feet above land surface.

June 15, 1937	84.38
July 22	84.48
Aug. 30	84.27
Jan. 6, 1938	84.69
Apr. 12	84.65
May 31	85.00
June 27	85.37
Aug. 10	85.17
Oct. 19	85.34
Dec. 6	85.65
Jan. 4, 1939	85.65
Mar. 3	85.32
June 23	85.95
Aug. 15	86.47
Oct. 2	86.85
Dec. 1	86.26
Mar. 27, 1940	86.13
Nov. 13	87.39
Jan. 17, 1941	86.96
Mar. 11	86.70
July 24	86.81
Nov. 13	86.40
Feb. 28, 1942	85.89
July 25	86.52
Oct. 24	86.24
Jan. 20, 1943	85.66

Water levels, Hale County -- Continued

Well 621

E. S. Crow, 9 miles northwest of Hale Center; 0.6 foot above land surface.

Oct. 18, 1937	61.65
June 27, 1938	61.97
Aug. 15	62.04
Oct. 19	62.17
Aug. 15, 1939	62.51
Jan. 17, 1941	63.25
Mar. 11	63.27
Nov. 13	62.10

Well 719A

W. Bogart, 15 miles southwest of Hale Center; at land surface.

Aug. 10, 1938	76.76
Sept. 23	76.75
Oct. 24	76.73
Dec. 22	76.94
Jan. 28, 1939	76.88
Mar. 4	76.90
Apr. 3	77.06
June 16	77.13
Aug. 16	77.24
Jan. 29, 1940	77.30
Mar. 13	77.42
Nov. 6, 1941	76.36
Mar. 13, 1942	75.51
Jan. 24, 1943	74.29
Mar. 2, 1946	75.12

Well 816

A. M. Eason, 9 $\frac{1}{2}$ miles southeast of Hale Center; at land surface.

May 7, 1936	55.5
Apr. 16, 1937	56.31
June 7	56.40
July 19	56.24
Aug. 9	56.33
Aug. 24	56.39
Sept. 10	56.36
Oct. 2	56.29
Nov. 2	56.30
Dec. 1	56.26
Jan. 8, 1938	56.26
Mar. 11	56.26
Mar. 13	56.30
June 24	56.54
Aug. 11	56.55
Oct. 20	56.60
Dec. 7	56.57

Well 816 -- Continued

Mar. 3, 1939	56.50
June 26	56.80
Aug. 16	56.60
Oct. 5	56.86
Dec. 14	56.73
Mar. 7, 1940	56.79
Nov. 13	57.44
Jan. 21, 1941	57.34
Mar. 11	57.34
July 25	55.78
Nov. 24	54.88
Mar. 12, 1942	54.48
Oct. 30	54.47
Jan. 24, 1943	54.11
Feb. 16, 1944	53.82
Feb. 13, 1945	53.94
Mar. 2, 1946	54.88

Well 824

J. Wells Kinkaid, 4 $\frac{1}{2}$ miles southeast of Hale Center; 0.5 foot above land surface.

May 11, 1936	64.50
Apr. 26, 1937	64.55
July 26	64.51
June 28, 1938	64.43
Aug. 11	64.40
June 23, 1939	64.38
Oct. 6	64.42
Dec. 17	64.43
Mar. 7, 1940	64.52
July 10	64.53
Nov. 13	64.67
Jan. 21, 1941	64.68
Mar. 11	64.70
July 25	64.70
Nov. 7	64.60
Mar. 12, 1942	64.32
July 23	63.99
Oct. 29	64.12
Jan. 24, 1943	63.79

Well 825

Matilda A. Keson, 3 miles south of Hale Center; 0.8 foot above land surface.

June 16, 1937	65.92
July 17	65.88
July 26	65.87
Aug. 8	65.90

(Continued on next page)

Water levels, Hale County -- Continued

Well 825 -- Continued

Apr. 13, 1938	66.02
Aug. 10	65.84
Aug. 15	65.88
Oct. 18	65.78
Mar. 7, 1939	65.82
June 23	65.91
Dec. 17	66.07
Mar. 7, 1940	66.02
Nov. 13	66.60
Jan. 21, 1941	66.37
Mar. 11	66.41
July 25	66.19
Nov. 25	66.10
Mar. 13, 1942	65.97
July 25	65.84
Oct. 29	65.83
Jan. 24, 1943	65.69
Feb. 17, 1944	65.65
Mar. 5, 1946	67.48

Well 834 -- Continued

Oct. 18, 1938	77.33
Mar. 7, 1939	77.31
June 23	77.40
Oct. 6	77.38
Dec. 17	77.42
Mar. 13, 1940	77.49
July 10	77.51
Nov. 13	77.89
Jan. 21, 1941	77.88
Mar. 11	77.91
Nov. 25	77.24
Mar. 13, 1942	76.94
July 23	76.75
Oct. 29	76.74
Jan. 24, 1943	76.62
Feb. 17, 1944	76.65
Feb. 24, 1945	76.80
Mar. 5, 1946	78.84

Well 828

John Bowling, 5 miles south of Hale Center; 1.5 feet above land surface.

-- --, 1936	71.00
June 15, 1938	75.49
Oct. 18	74.36
Mar. 7, 1939	73.08
June 23	75.61
Oct. 6	83.44
Dec. 17	74.33
Mar. 13, 1940	73.73
Nov. 15	75.01
Jan. 21, 1941	74.15
Mar. 11	81.09
Nov. 24	73.72
Mar. 13, 1942	72.98
Oct. 29	73.03
Jan. 24, 1943	72.62
Feb. 17, 1944	72.87
Feb. 24, 1945	73.25
Mar. 5, 1946	76.37

Well 837

F. L. Hunsicker, 7 $\frac{1}{2}$ miles southeast of Hale Center; 1.0 foot above land surface.

May 9, 1936	65.00
Apr. 26, 1937	65.55
June 15, 1938	64.98
Aug. 9	64.90
Oct. 18	64.86
Mar. 7, 1939	64.88
June 23	64.94
Oct. 6	64.87
Dec. 17	64.86
Mar. 7, 1940	64.95
Nov. 7, 1941	64.73
Mar. 12, 1942	64.18
July 23	63.76
Oct. 29	63.58
Jan. 24, 1943	63.44
Feb. 16, 1944	62.79
Feb. 16, 1945	62.65
Mar. 12, 1946	62.97

Well 834

R. E. Sikes, 8 $\frac{1}{2}$ miles south of Hale Center; 0.6 foot above land surface.

June 16, 1937	77.24
July 21	77.33
Aug. 11	77.31
Apr. 13, 1938	77.20
June 15	77.32
Aug. 9	77.29

Well 840

Neff McLaughlin, 11 $\frac{1}{2}$ miles southeast of Hale Center; 0.8 foot above land surface.

Oct. 21, 1937	61.17
June 16, 1938	61.53
Oct. 18	61.68
Mar. 7, 1938	61.16
July 19	61.28

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Water levels, Hale County -- Continued

Well 840 -- Continued

Oct. 5, 1939	61.41
Nov. 13, 1940	62.59
Nov. 24, 1941	59.98
Mar. 12, 1942	59.52
Jan. 24, 1943	58.52
Feb. 16, 1945	59.65
Mar. 1, 1946	60.62

Well 848

Mrs. J. E. Chiney, 12 miles south of Hale Center; 0.5 foot above land surface.

July 27, 1937	96.45
June 15, 1938	96.39
Oct. 18	96.33
Mar. 7, 1939	96.31
Dec. 17	96.17
Mar. 13, 1940	96.28
Jan. 22, 1941	96.53
Mar. 11	96.55
Nov. 25	95.70
Dec. 30, 1942	95.82

Well 852

Abernathy Cemetery, 14 $\frac{1}{2}$ miles south of Hale Center; 0.1 foot above land surface.

July 27, 1937	117.92
Aug. 11	117.90
June 15, 1938	118.01
Sept. 23	118.00
Mar. 7, 1939	117.89
June 23	117.96
Oct. 6	118.11
Dec. 17	117.89
Mar. 13, 1940	117.92
Jan. 22, 1941	118.26
Mar. 11	118.49
Nov. 7	117.84
Mar. 13, 1942	117.47
Oct. 30	117.05
Jan. 24, 1943	115.30
Feb. 17, 1944	115.82
Feb. 24, 1945	115.75
Mar. 2, 1946	116.35

Well 859

L. Ragland, 15 miles southeast of Hale Center; 1.0 foot above land surface.

Sept. 15, 1937	76.20
June 16, 1938	77.23
Mar. 7, 1939	76.80
June 23	77.33
Dec. 6	77.62
Nov. 29, 1940	78.16
Jan. 25, 1941	78.00
Nov. 7	75.24
Mar. 12, 1942	74.57
Oct. 30	73.69
Jan. 24, 1943	73.25
Feb. 16, 1944	73.50
Feb. 16, 1945	74.82
Mar. 2, 1946	77.16

Well 906

Floyd Reagan, 13 $\frac{1}{2}$ miles southeast of Hale Center; 1.6 feet above land surface.

May 5, 1936	39.30
May 10, 1937	45.79
June 3	42.78
July 29	42.33
Aug. 9	43.12
Apr. 10	41.62
Oct. 2	41.06
Nov. 2	40.82
Dec. 1	40.62
Jan. 8, 1938	40.44
Mar. 11	40.46
Apr. 13	41.41
June 24	41.09
Aug. 11	41.12
Oct. 20	41.18
Dec. 7	41.17
Mar. 3, 1939	41.17
Aug. 2	45.46
Oct. 5	42.90
Nov. 21	42.74
Dec. 14	42.66
Mar. 7, 1940	42.43
Nov. 13	44.43
Jan. 21, 1941	44.40
Nov. 24	41.03
Mar. 12, 1942	39.10
Oct. 30	39.97

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Water levels, Hale County -- Continued

Well 906 -- Continued

Jan. 26, 1943	37.99
Feb. 8, 1944	39.69
Feb. 13, 1945	40.72
Mar. 1, 1946	41.75

Well 929 -- Continued

Nov. 2, 1937	41.15
Dec. 1	41.13

Well 936

B. E. Porter, 14 miles southeast of Hale Center; at land surface,

May 7, 1936	43.17
Apr. 26, 1937	44.53
June 7	46.10
July 19	45.33
Aug. 9	45.32
Aug. 24	45.48
Sept. 10	45.25
Oct. 2	45.04
Nov. 2	44.82
Dec. 1	44.66
Jan. 8, 1938	45.53
Mar. 11	44.36
Apr. 13	46.18
June 24	46.96
Aug. 11	46.68
Oct. 20	46.01
Dec. 7	45.98
July 19, 1939	47.60
Oct. 5	48.41
Dec. 14	47.83
Mar. 7, 1940	46.34
Nov. 13	50.06
Jan. 21, 1941	49.73
Mar. 11	49.00
Nov. 24	46.45
Mar. 12, 1942	45.51
Oct. 30	45.92
Jan. 24, 1943	44.14
Feb. 16, 1944	45.36
Feb. 13, 1945	46.18
Mar. 2, 1946	48.76

Well 923

D. C. Bagley, 9 miles southeast of Hale Center; 5.0 feet above land surface.

Aug. 9, 1937	55.05
Aug. 24	55.19
Sept. 10	55.13
Oct. 2	55.09
Nov. 2	55.07
Dec. 1	55.02
Jan. 8, 1938	55.01
Mar. 11	54.99
Apr. 13	55.03
June 24	55.31
Aug. 11	55.37
Oct. 20	55.48
Dec. 7	55.46
Mar. 3, 1939	55.44
June 24	55.71
July 19	55.72
Aug. 16	55.70
Oct. 5	55.78
Dec. 14	55.75
Mar. 7, 1940	55.86
Nov. 13	56.66
Jan. 21, 1941	56.46
Mar. 11	56.69
July 25	55.43
Nov. 24	54.48
Mar. 12, 1942	53.94
Oct. 30	53.83
Jan. 26, 1943	53.24
Feb. 16, 1944	53.02
Feb. 13, 1945	53.67
Mar. 1, 1946	54.71

Well 946

B. E. Porter, 15 miles southeast of Hale Center; 1.0 foot above land surface.

Oct. 22, 1937	55.84
Mar. 3, 1939	58.04
July 19	59.20
Oct. 5	60.02
Dec. 14	59.61
Mar. 7, 1940	59.42
Nov. 13	61.39
Jan. 21, 1941	61.15
Mar. 11	61.01

Well 929

J. A. Line, 12 miles southeast of Hale Center; at land surface.

May 7, 1936	39.45
June 7, 1937	41.27
July 19	41.03
Aug. 9	41.32
Aug. 24	41.49
Sept. 10	41.42
Oct. 2	41.27

(Continued on next page)

Water levels, Hale County -- Continued

Well 946 -- Continued

Nov. 24, 1941	59.97
Mar. 12, 1942	59.40
Oct. 30	59.24
Jan. 24, 1943	58.85
Feb. 16, 1944	59.59
Feb. 13, 1945	61.04
Mar. 2, 1946	62.30

Well 947

S. J. Upton, 15 miles southeast of Hale Center; 0.1 foot above land surface.

July 19, 1937	60.67
Aug. 9	60.69
Aug. 11, 1938	61.53
Dec. 7	61.71
Mar. 3, 1939	61.85

Well 956

J. W. Heard, 11 miles southeast of Hale Center; 1.0 foot above land surface.

Oct. 21, 1937	66.61
June 16, 1938	66.62
June 24	65.83
Oct. 20	66.50
Dec. 7	66.31
Mar. 3, 1939	65.97
July 19	66.67
Oct. 5	67.80
Dec. 14	67.08
Mar. 7, 1940	66.54
Nov. 13	69.03
Jan. 21, 1941	67.73
Mar. 11	67.45
July 25	67.17
Nov. 24	66.14
Mar. 12, 1942	65.29
Oct. 30	65.52
Jan. 24, 1943	65.00
Feb. 16, 1944	64.59
Feb. 16, 1945	65.05
Mar. 2, 1946	65.89

Well 958

Arthur Bain, 12 miles southeast of Hale Center; 1.0 foot above land surface.

May 7, 1936	60.33
June 7, 1937	59.15
July 19	59.63
Sept. 15	58.88
June 28, 1938	58.82
Oct. 20	58.81
Mar. 3, 1939	58.64
July 19	58.96
Oct. 5	59.05
Dec. 14	58.90
Mar. 7, 1940	59.00
Nov. 13	60.14
Jan. 21, 1941	59.88
Mar. 11	59.85
Nov. 24	57.50
Mar. 12, 1942	57.02
Oct. 30	56.82
Jan. 24, 1943	56.33
Feb. 16, 1944	56.27
Feb. 16, 1945	57.15
Mar. 1, 1946	58.15

Well 971

I. S. Claitor, 17 miles southeast of Hale Center; 0.5 foot above land surface.

Sept. 10, 1937	62.30
June 16, 1938	63.41
Oct. 18	62.00
Mar. 7, 1939	60.52
June 23	61.08
Oct. 6	61.86
Nov. 29, 1940	62.66
Mar. 12, 1942	60.58
Oct. 30	60.28
Jan. 24, 1943	59.69
Feb. 16, 1944	58.70
Feb. 16, 1945	59.30
Mar. 2, 1946	60.51

Partial analyses of water from wells in Hale County, Texas

Analyzed at The University of Texas under the direction of W. W. Hastings, Chemist, 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.)
1	E.C. Abernathy	185	Nov. 30, 1937	289	66	27	7	293	29	15	-	a/	277
18	F. F. Witten	210	Apr. 9, 1946	361	46	35	22	316	24	16	-	1.0	259
21	J. L. Dorsett	83	Oct. 11, 1937	406	-	-	-	323	50	45	-	a/	-
22	E. D. Smith	95	do.	313	-	-	-	281	29	27	-	a/	-
31	West Side School	50	Oct. 18, 1937	330	58	43	4	262	54	42	-	a/	322
39	W. L. Hurt	61	Nov. 6, 1937	575	78	63	36	305	146	78	-	24	454
40	J. A. Johnson	84	do.	402	-	-	-	317	46	49	-	a/	-
53	Mrs. -- Lambert	208	Apr. 9, 1946	360	51	31	18	312	22	16	-	1.5	255
92	L. W. Guthrie	240	do.	395	48	31	37	336	26	18	-	0.8	248
124	J. F. Watson	69	July 23, 1937	454	70	58	18	281	36	125	-	a/	411
126	Running Water School	-	Nov. 30, 1937	497	54	27	103	415	61	48	-	a/	247
131	Tom Carter	202	Apr. 9, 1946	391	51	39	14	310	34	20	-	0.0	288
174	R. L. Ragsdale	200	do.	363	50	35	23	330	26	16	-	0.0	269
215	C. I. Keisling	200	Sept. 13, 1937	344	60	27	37	348	29	20	-	a/	262
222	C. B. White	227	do.	346	66	35	19	329	39	25	-	a/	305
228	C. E. Carter	232	Apr. 8, 1946	398	46	35	32	332	30	18	-	0.0	259
247	C. T. Douglas	150	Dec. 7, 1937	337	56	33	28	305	36	34	-	a/	275
253	Southland Life Ins. Co.	-	Apr. 27, 1936	975	81	78	144	250	307	196	-	46	526
256	R. M. Malone	-	do.	481	-	-	-	342	79	57	-	a/	-
260	do.	30	Aug. 25, 1937	614	-	-	-	561	48	52	-	a/	-
262	Fred Joachim	230	Apr. 5, 1946	414	52	41	28	366	26	22	-	0.2	298
266	Julia C. Crawford	51	Oct. 23, 1937	539	81	61	26	317	120	78	-	a/	452
267	D. Heffelfinger	56	do.	317	-	-	-	299	29	17	-	a/	-
268	Mrs. W. J. Ray	70	do.	495	-	-	-	275	84	84	-	a/	-
270	T.L. and D. Co.	70	Nov. 9, 1937	287	-	-	-	256	31	21	-	a/	-
271	do.	70	do.	273	-	-	-	250	24	22	-	a/	-
272	City of Plainview	301	Dec. 9, 1937	333	56	36	23	336	32	21	-	a/	287
300	T.L. and D. Co.	100	Nov. 8, 1937	260	-	-	-	268	12	15	-	a/	-
311	do.	271	June 3, 1937	330	62	26	31	329	29	20	-	a/	261
315	Liberty School	-	Dec. 7, 1937	376	70	42	15	366	47	20	-	a/	346

a/ Nitrate less than 10 parts per million.

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

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids	Cal- cium (Ca)	Magne- sium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicar- bonate (HCO ₃)	Sul- fate (SO ₄)	Chlo- ride (Cl)	Fluor- ide (F)	Ni- trate (NO ₃)	Total hardness as CaCO ₃ (calc.)
324	F. V. Brasher	-	May 5, 1936	437	-	-	-	329	43	68	-	a/	-
348	-- Brown	255	Dec. 7, 1937	356	49	29	51	354	30	23	-	a/	243
382	G. W. Lewellen	52	Oct. 20, 1937	387	49	65	13	464	18	14	-	a/	390
384	Texas Land and Mortgage Co.	46	do.	435	-	-	-	329	59	52	-	a/	-
385	L. M. Faulkner	65	Oct. 22, 1937	520	62	60	40	252	84	112	-	33	401
386	-- Hoffman	64	do.	275	46	37	5	231	12	11	-	26	268
387	W. A. Lowe	49	do.	468	132	5	39	390	40	46	-	a/	353
388	H. C. Hoyle	50	Oct. 26, 1937	402	-	-	-	354	37	31	-	a/	-
390	Pascal Caldwell	-	Nov. 12, 1937	395	54	45	33	342	54	34	-	a/	318
391	Prairie View School	-	Dec. 6, 1937	358	57	41	20	293	57	39	-	a/	310
397	Leo Boedeker	200	Apr. 9, 1946	387	70	32	0.2	316	16	22	-	0.0	306
398	E. F. Readhiemer	200	Apr. 10, 1946	403	42	41	27	326	30	24	-	0.0	274
438	Clarence Stalcuf	-	May 1, 1936	404	-	-	-	323	43	50	-	a/	-
451	R. W. Burchardt	-	May 5, 1936	335	-	-	-	329	28	17	-	a/	-
469	Frank Beard	-	do.	408	37	44	58	317	57	56	-	a/	272
471	F. M. Daugherty	-	June 16, 1936	345	56	34	31	342	32	24	-	a/	281
480	T. L. and D. Co.	-	Oct. 20, 1937	470	-	-	-	281	55	92	-	a/	-
481	Will Castleberry	59	Oct. 27, 1937	365	-	-	-	305	37	40	-	a/	-
486	Bellview School	51	Nov. 13, 1937	398	69	44	21	360	54	33	-	a/	352
496	East Mound School	49	Dec. 6, 1937	396	63	44	25	275	43	86	-	a/	337
500	O. M. Stidham	-	June 15, 1937	443	63	44	25	275	43	86	-	a/	337
518	Mrs. R. W. Branham	77	July 26, 1937	-	-	-	-	-	64	56	-	a/	-
533	Bob Louthan	-	May 12, 1936	574	-	-	-	305	43	168	-	a/	-
558	C. L. Barnes	-	Apr. 24, 1937	357	-	-	-	268	57	36	-	a/	-
567	J. B. Maxey	-	Apr. 26, 1937	385	45	51	69	397	15	11	-	a/	322
573	City of Hale Center	123	Mar. 3, 1945	439	50	52	29.8	349	43	35	4.4	5.2	339
583	Dr. -- Kirchoff	170	Dec. 1, 1945	362	48	35	20	321	17	18	-	1.5	264
601	C. M. Wilson	180	Oct. 18, 1937	269	-	-	-	232	36	18	-	a/	-
607	Halfway School	87	Aug. 17, 1937	340	69	29	22	329	32	26	-	a/	293
620	Fred Butler	60	Aug. 12, 1937	538	-	-	-	372	85	58	-	a/	-
622	W. E. Cannon	200	Oct. 19, 1937	316	44	47	11	317	36	22	-	a/	304
623	Sunshine School	63	Oct. 11, 1937	341	64	49	-	378	32	10	-	a/	360

a/ Nitrate less than 10 parts per million.

Partial analyses of water from wells in Hale 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.)
625	W. M. Millican	-	Aug. 11, 1937	674	70	69	59	275	253	44	-	44	457
627	G. and R. Moody	-	Dec. 7, 1937	359	-	-	-	360	29	15	-	a/	-
628	H. L. Faith	73	Aug. 16, 1937	405	-	-	-	323	55	40	-	a/	-
629	Mayfield School	81	Aug. 12, 1937	311	40	50	8	311	43	17	-	a/	306
634	Eldridge Inv. Co.	204	Mar. 29, 1946	386	46	51	5.3	342	22	22	-	1.0	324
635	O.H. Singleton	172	Mar. 25, 1946	446	46	51	34	386	34	32	-	3.0	324
639	Center Plains School	-	Dec. 7, 1937	444	60	49	39	354	72	50	-	a/	350
676	C.C. McCormick	238	Apr. 3, 1946	344	45	41	13	312	21	17	-	7.8	281
680	Mrs. Tony Chisum	322	do.	422	34	47	41	334	50	30	-	0.0	273
682	J. L. Mann, Jr.	200	Mar. 21, 1946	408	33	54	30	350	50	20	-	3.2	304
684	Mrs. J.W. Treadwell	220	Mar. 25, 1946	436	38	55	25	369	40	22	-	0.4	321
688	J. D. Ivey	216	Mar. 21, 1946	352	37	44	15	302	30	20	-	0.0	274
696	P. G. George	190	Mar. 20, 1946	335	32	41	27	313	21	17	-	0.8	248
707	John Schoonvelt	200	Aug. 10, 1937	392	39	48	39	305	82	30	-	a/	295
710	M. K. Fisher	200	Aug. 12, 1937	353	53	48	6	323	59	23	-	a/	345
713	D. C. Newson	-	Nov. 26, 1945	426	46	45	23	349	30	12	-	1.2	300
715	Wiley Bogart	97	July 29, 1937	904	90	105	65	268	272	240	-	a/	701
716	do.	85	July 28, 1937	333	-	-	-	232	51	45	-	a/	-
717	W. J. Walker	220	Aug. 10, 1937	417	-	-	-	311	70	40	-	a/	-
718	Mrs. B. R. McWhorter	210	July 27, 1937	332	-	-	-	287	32	33	-	a/	-
720	R. V. Hand	26	do.	684	50	83	87	403	136	130	-	a/	465
721	L. F. Thompson	230	Aug. 10, 1937	418	64	41	33	311	85	42	-	a/	330
722	do.	220	do.	323	-	-	-	268	51	20	-	a/	-
723	do.	235	do.	256	28	31	26	232	39	18	-	a/	199
725	Elbert Brown	92	July 28, 1937	384	-	-	-	293	59	39	-	a/	-
727	Otey Shadden	237	July 29, 1937	423	-	-	-	329	71	34	-	a/	-
728	William Albers	92	do.	462	80	40	37	343	78	56	-	a/	365
730	W. T. Webb	-	July 28, 1937	349	45	44	20	207	78	60	-	a/	292
731	J. C. Waggoner	110	July 27, 1937	369	-	-	-	305	51	30	-	a/	-
732	W. V. Chapman	140	July 26, 1937	388	-	-	-	305	51	42	-	a/	-
735	Mrs. Adele Brickley	132	do.	370	40	49	26	214	78	92	-	a/	300

a/ Nitrate less than 10 parts per million.

Partial analyses of water from wells in Hale 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.)
739	S. L. Eason	320	July 26, 1937	734	71	44	154	268	183	200	-	a/	357
740	Lee Irish	-	do.	474	-	-	-	329	82	56	-	-	-
749	Cotton Center School	-	Dec. 7, 1937	345	58	41	14	305	50	32	-	a/	316
764	Boyd Elliot	210	Mar. 25, 1946	322	32	37	24	294	18	16	-	0.5	232
779	Way e Riley	238	Nov. 30, 1945	363	43	34	27	286	12	27	-	3.8	248
786	K. L. Riggs	200	Nov. 29, 1945	345	47	37	13	242	15	25	-	3.2	270
801	J. H. Hooker	100	Oct. 9, 1937	481	-	-	-	372	93	28	-	a/	-
802	O. T. Swenson	56	do.	428	-	-	-	317	82	33	-	a/	-
803	Arthur Ford	67	do.	365	-	-	-	299	47	34	-	a/	-
805	A. K. Price	70	do.	549	60	56	62	281	108	114	-	a/	379
818	Guy Hausour	-	Apr. 26, 1937	588	-	-	-	329	139	73	-	a/	-
827	Iowa Ave. School	85	July 26, 1937	378	54	39	38	354	43	30	-	a/	294
828	John Bowling	218	Aug. 10, 1937	358	-	-	-	323	47	17	-	a/	-
832	Earlton Harp	233	July 28, 1937	385	45	28	67	360	47	21	-	a/	227
845	J. A. Luttrick	200	Oct. 18, 1937	348	-	-	-	311	47	17	-	a/	-
849	Texas-New Mexico Utilities Co.	267	Aug. 2, 1937	309	-	-	-	232	51	30	-	a/	-
850	do.	182	do.	378	-	-	-	287	59	38	-	a/	-
854	B.F. and F.W. Struve	465	July 23, 1937	-	-	-	-	-	59	25	-	a/	-
855	W. A. Waters	210	do.	394	54	37	45	348	59	28	-	a/	288
857	T. E. Lutrick	200	Aug. 2, 1937	371	-	-	-	281	71	26	-	a/	-
862	Mrs. S. R. Merrill	95	Nov. 5, 1937	413	45	52	33	244	81	82	-	a/	327
902	Virgil Young	133	Nov. 29, 1945	375	52	41	19	331	19	20	-	1.2	298
921	Chas. Wendt	-	May 6, 1936	592	-	-	-	317	82	138	-	a/	-
929	J. A. Line	-	May 7, 1936	374	38	41	50	354	43	28	-	a/	256
945	W. T. Harlan	379	Nov. 30, 1945	354	36	43	26	295	24	20	-	0.5	267
949	-- Faulkner	71	May 8, 1936	483	76	49	35	342	89	66	-	a/	390
965	Mrs. W. M. Featherston	199	Aug. 3, 1937	395	-	-	-	323	51	37	-	-	-
966	E. M. Carmickle	175	Aug. 6, 1937	421	110	-	53	366	51	27	-	a/	275
967	Bob Mayo	179	Aug. 2, 1937	375	-	-	-	323	51	24	-	-	-
969	R. A. Jefferies	180	Aug. 3, 1937	446	-	-	-	293	118	25	-	a/	-
972	V. T. Hildreth	280	Sept. 10, 1937	325	10	32	73	281	47	25	-	a/	157

a/ Nitrate less than 10 parts per million.

Partial analyses of water from wells in Hale 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.)
973	Glenn Gamble	200	Aug. 2, 1937	436	38	39	76	342	59	56	-	a/	254
974	W. J. Pierson	228	July 23, 1937	373	-	-	-	329	51	20	-	-	-
975	W. A. Mahagan	224	do.	414	-	-	-	372	55	20	-	-	-
976	W. I. Pierson	216	do.	336	-	-	-	262	59	24	-	-	-
977	H. S. Lean	211	do.	384	56	33	46	354	55	20	-	a/	275
978	A. W. Jackson	200	Aug. 3, 1937	379	36	34	64	354	51	20	-	a/	231
979	J. W. Allen	200	Aug. 2, 1937	403	-	-	-	329	63	28	-	a/	-
980	Mrs. C.R. Logan	201	do.	375	-	-	-	336	51	18	-	a/	-
981	J. J. Culp	158	do.	305	-	-	-	250	51	18	-	a/	-
1206	B. J. Anderson	200	Apr. 6, 1946	396	60	41	9.7	338	34	18	-	0.5	318
1226	F. M. Carter, Jr.	240	Apr. 4, 1946	392	46	38	32	330	34	24	-	0.0	271
1413	C. A. Robinson	229	Nov. 28, 1945	374	48	41	20	295	28	26	-	0.8	288
1447	S. C. Horan	209	Nov. 26, 1945	353	49	36	21	293	26	18	-	0.8	270
1506	S. L. Quisenberry	200	Mar. 20, 1946	368	45	39	12	299	30	16	-	0.8	273
1609	O. M. Pruett	200	do.	368	39	52	4.4	326	24	20	-	0.0	312
1610	Carl W. Hooper	210	Apr. 3, 1946	402	53	39	11	305	28	24	-	3.0	293
1817	City of Abernathy	200	Nov. 14, 1944	352	49	33	30	293	20	28	2.0	5.0	258
1818	do.	227	Nov. 16, 1945	357	49	33	23	301	21	30	2.2	4.0	258
1908	O. D. Rhodes	230	Dec. 4, 1945	413	42	34	50	326	35	21	-	0.5	245
1923	William Finkner	-	Nov. 30, 1945	384	39	36	41	330	32	21	-	1.2	246
1924	do.	-	do.	409	42	36	47	309	36	23	-	0.8	253
1932	John V. Porterfield	220	Dec. 6, 1945	448	49	45	31	308	40	26	-	5.7	308
1942	City of Petersburg	222	Nov. 30, 1945	373	36	40	45	334	34	17	3.6	1.2	254

a/ Nitrate less than 10 parts per million.