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## STATE BOARD OF WATER ENGINEERS

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HOCKLEY COUNTY, TEXAS

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

\* \* \*

By Carl B. Mueller, Joe W. Lang and W. L. Broadhurst

\* \* \*

Prepared in cooperation with the United States Department of the Interior, Geological Survey, The Bureau of Industrial Chemistry of The University of Texas, and the Work Projects Administration. Ground-water survey project number 12943. Carl B. Mueller Project Superintendent.

\* \* \*

Introduction
by
W. O. George
Assistant Geologist
United States Geological Survey

This publication consists of an assemblage of data, obtained in the course of a survey in Hockley County, Texas, consisting of records of 336 wells, 60 drillers' logs of wells and test holes, and 180 chemical analyses of water from wells and test holes. Records of a part of the irrigation wells listed were obtained by W. L. Broadhurst and J. W. Lang in 1937 in connection with the regular cooperative program of ground water studies in the Texas High Plains by the State Board of Water Engineers in cooperation with the United States Department of the Interior, Geological Survey. The records in most of the county were obtained in an inventory made by the Work Projects Administration. This survey (Work Project No. 12943, District 17, Lubbock) was started on March 17, 1939 and was completed September 16, 1939, with Carl B. Mueller as project superintendent. Mr. Lang assisted in the supervision of the project. C. R. Follett, Engineer of the State Board of Water Engineers collected all of the information in the Ropesville area.

Sufficient water for domestic needs and for stock appears to be available in all parts of the county. In the northeast portion of the county, which is a part of the Lubbock-Littlefield irrigation district, a considerable area is irrigated by water pumped from wells.

Two preliminary papers on ground water in the High Plains in Texas by Walter N. White, W. L. Broadhurst and J. W. Lang which include a discussion of the Lubbock-Littlefield area have already been issued, and a more complete report is being prepared.

The analyses were made by chemists employed on Work Projects Administration Project No. 10443 under the direction of Dr. E. P. Schoch, Director of the Bureau of Industrial Chemistry, University of Texas, and E. W. Lohr, Chemist of the Quality of Water Division of the Federal Geological Survey. The Bureau of Industrial Chemistry furnished laboratory space and equipment. The analyses in this release are tabulated in parts per million. A number of these analyses are also given in milligram equivalents per liter for the convenience of those who prefer this form of expressing the quality of water.

This release was typed by typists employed on Work Projects Administration Project No. 10443.

The records serve as a guide to land owners, well drillers, and others who need information regarding wells, the depth to ground water in different parts of the county, and the quality and chemical character of water yielded by the wells. They afford a basis for the more intensive investigation that is now being carried on by the State Board of Water Engineers in cooperation with the Federal Geological Survey. The purpose of this investigation is to determine the distribution and extent of the available ground-water supplies, and the safe yield of the underground reservoirs.

Records of wells in Hockley County, Texas

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

(See "Logs of W. P. A. test wells" for all records of test wells ) Height of Distance No. Sec-Survey, block Owner Date Depth Diammeasuring from tion or league comleter of point Levelland or ple- |well of above labor ted (ft.) well ground (in.) (ft.) a/ 1 16½ miles 11, lge. 2 D. D. Cross 1937 180 15<sub>충</sub> 1.5 east SEASE Jones Co. School Land do. do. do. do. 1937 131 20 0.2 1937 3 do. 11, do. do. 185 16 0.2 SW<del>1</del>SE1 4 14층 miles 14, do. H. Willbanks 1928 116 6 1.0 NW-NWeast 5 12 miles 7, Santa Fe R. R. 122 7 lge. 1 1.6 SE cor. SE Santa Fe R.R. east 7, blk. A Elwood Est. 9분 miles 1916 138 8 0.8 SW-NW-Public School Land east  $6\frac{3}{4}$  miles do. J. N. Pickard 100+ 15<del>5</del> 4, 0.8 sw<del>l</del>sw<del>l</del> east 7 miles J. H. Goodpasture 110 do. 6 3.6 4, SENW east 5층 miles 24, lge. 729 Mrs. W. T. 1930 117 4등 0.7 northeast SEISE Davidson 1925 112  $11 \frac{4^3}{4}$  miles blk. A S. C. Cummings 6 0.8 SW:NW-Public School Land east lge. 28 12点 mile W. D. Green 01d 124 6 0.3 northeast SW1SE1 lge. 72 1934 128 6 14 2 miles W. C. Ryan 0.6 SE1SE1 Val Verde Co. School Land west  $16 \frac{6^{\frac{1}{2}}}{6^{\frac{1}{2}}}$  miles lge. 70 1927 126 Riley Butler 6 0.6 SELSE Val Verde Co. School Land northwest 6 miles Post Est. 1930 138 6 do. 1 west SE cor.SE去  $18 7\frac{?}{4}$  miles lge. 67 W. T. Coble 1920 140 6 0.4 SWASEA Hardeman Co. School Land west 19 10 miles lge. 65 Mrs. W. T. Coble Old 154 6 0.2 NV 1NV 1: Hardeman Co. School Land west S. M. Bailey 1922 20 113 miles 152 6 \_\_ west SW cor.SW点  $21 | 17\frac{1}{2}$  miles blk. 0 Mrs. Ava Gibson 1922 103 6 l, 0.6 NV 1SE1 Public School Land southeast 1937 22 117 6 de. 0.5 23 185 miles 6, blk. D George Simmons 114 6 0.7 southeast SW1SW1 Public School Land

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

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

			,		,	
		rlevel				
17o•	_	Date of	Pump	Use	Topo-	Remarks
	below	measure-	1	of	graphic	
	measu	r- ment	power	water	situa-	
	ing po		<u>b</u> /	<u></u>	tion	
	(ft.)					
- 1	82.1	June 18,	T,G,	I	Gentle	Abandoned 1939. Reported 6 feet of sand at
		1937	28		slope	168 feet. Capacity less than 200 gallons a
2	80.7	do.		N	do.	Original minute. Drilled by Peoples.
						depth, 587 feet. Salt water reported at 548
						feet; "Red Beds" at 365 feet. Well plugged
						back to 131 feet. Weak supply from fine sand
3	81.9	July 27,		N	Ridge-	Reported too weak for irriga- Unused well-
		1937			top	tion. No pumping well within 1,000 feet. Les
			•			with water 0.35 mile northeast. Unused well
4	104.7	June 18,	C,W	D,S	Gentle	Iron casing. Windmill pumping 500 feet north
		1937			slope	east at time of measurement.
5	93.3	June 19,	C,W	Ind	do.	Iron casing. No pumping wells within 900 feet.
		1937	'	1		Reported seldom used.
6	116.2	do.	C,W	D,S	Ridge-	Iron casing 10 feet.
				'	top	
7	88.9	July 30,	T,G,	I	Gentle	Steel casing. Reported yield, 200 gallons per
		1937			slope	minute. Well is now unused.
8	80.4	June 19,	C,W	Ī	Flat	Supplies water for garden and truck farm
		1937				04-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
9	78.6	June 21,	S	N	Gentle	Galvanized iron casing. Unused well.
		1937	1	Ì	slope	
11	79.0	do.	C,W	D,S	do.	Galvanized iron casing. Water from coarse
	Ì				ļ	sand and gravel from 112 to 116 feet. Water
						level reported 60 feet when drilled. Drilled
12	96.1	June 19,	C,W	D,S	do.	Pump shut off about $\frac{1}{2}$ by S. C. Cummings.
	ĺ	1937	'	1	İ	hour before measurement was made.
14	102.6	do.	C,H	S	₫o.	Reported seldom used. Drilled by J. Pettit.
			1			
16	107.7	June 21,	C.H	N	do.	Galvanized iron casing. Reported seldom used.
		1937	'			
17	119.8		C,W	D,S	do.	Reported dependable supply.
18	133.6	June 19,	C,W	N	Ridge-	Unused well.
		1937	1		top	
19	144.3	June 21,		N	Gentle	Galvanized iron casing. Unused well.
		1937		1	slope	
20	132.8	do.		N	do.	Do.
0						
21	80.2	June 24.	C.W	D,S	do.	Lake with water in it about \( \frac{1}{4} \) mile southwest.
<u></u> -	30.2	1937	","	1 -,0		1 To drow 4 mile bodomose.
22	87.5	do.	C,W	D	do.	Reported weak supply.
~~	0, •0	~~.	, "	~	4.5	Tropor node publity.
23	90.1	June 23,	C,W	D,S	do.	Reported dependable supply.
~0	50.1	1937	, "	2,0		Trobox and deboundance publità.
0/ 1			n + 0 0 ls 1	<u> </u>		1 Trd industrial: P rublic: DD railroad:

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

d/ No water sample collected for analysis. o/ Water level reported.
\* Unit number

Unit number refers to farm number of U. S. Department of Agriculture - Farm Security Administration.

	•							
No.	from tion or		Survey, block or league	Owner	com-	of	Diam- eter	Height of measuring point
	Anton	or labor			ted		of well (in.)	above ground (ft.) a/
<del></del>	2 miles southeast	99, SW <del>1</del> NV1	blk. A R. M. Thompson	Roy Hughen		37	6	0,4
	southeast	105,	do.	Texas Hwy. Dept.		50	5	0.6
<u>d</u> / 27	description   description	106,	đo.	L. Elwood		37	5	0.6
<del></del>	mile southwest	106,	do. SW14	Jackson & "hitfield	1937	100	154	2.3
₫/ 29	$1\frac{3}{4}$ miles northwest	123, SW높SW높	đo.	A. L. Lindsey	1929	38	6	1.0
<u>d</u> / 30	16 miles southeast	SE4NE4	blk. I Fublic School Lar	0. E. Lucas	1934	96	5	0.5
	173 miles southeast			City of Ropes	1936	114	5	0.5
	$3\frac{3}{4}$ miles southeast	87, NE <sub>축</sub> SW근	blk. A R. M. Thompson	E. F. Allen	1937	100		
₫/126	3 miles south	89, SE <u>1</u> SW14	do.	W. M. Alexander	1937	105	15½	0.8
<u>d</u> /127	do.	90, SE <del>1</del> SE <del>1</del>	do∙	I. L. Elwood . Est.		40	6	***
No.	Distance from Whitharra	Sec- tion or	Survey, block or league	Owner	Date com- ple-	Depth of well		Height of measuring point above
<u> </u>		labor			ted		well (in.)	ground (ft.) a/
	154 miles west	7, SW <del>ļS</del> W쿠	lge. 699	Yellowhouse Land Co.	1939			0.8
	15 miles west	13, NE <mark>1</mark> NW1	do.	E. Royek	01d	119		0.5
	$13\frac{3}{4}$ miles northwest		lge. 698	P. Schah		102		0.3
	$12\frac{1}{4}$ miles northwest		do.	M. T. Scott	1928	97		0.8
d/204	do.	23,	do.	Yellowhouse Land	1939	90	~-	0.9
	1	NM F NN F		Co.				
205	  14 miles  west	NW\(\frac{1}{4}\)NV\(\frac{1}{4}\) 22, NE\(\frac{1}{2}\)NE\(\frac{1}{4}\)	lge. 699	H. J. Greener	1929	109		0.8
<u>d</u> /206	west $14\frac{1}{2}$ miles west	NW 1 NW 1 4 22, NE 1 NE 1 4 23, NW 2 NE 1 2	do.		1939	83		1
d/206 207	west   $14\frac{1}{2}$ miles   west   $15\frac{1}{2}$ miles   west	NW 1 NW 1 A 22 , NE 2	do. 1ge. 702	H. J. Greener Yellowhouse Land Co. do.	1939 Old	83 97		
<u>d</u> /206	$ \begin{array}{c} \text{west} \\ 14\frac{1}{2} \text{ miles} \\ \text{west} \\ 15\frac{1}{2} \text{ miles} \\ \text{west} \\ 14\frac{1}{4} \text{ miles} \\ \text{west} \\ \text{west} \\ \end{array} $	$\begin{array}{c} NW_{4}^{\frac{1}{4}}NW_{4}^{\frac{1}{4}} \\ 22, \\ NE_{2}^{\frac{1}{2}}NE_{4}^{\frac{1}{4}} \\ 23, \\ NW_{4}^{\frac{1}{2}}NE_{4}^{\frac{1}{4}} \\ 6, \end{array}$	do.	H. J. Greener  Yellowhouse Land Co. do.  J. R. Silah	1939 01d 1939	83 97 145		1
d/206 207		NW 1 NW 1 4 22 , NE 1 NE 2 3 , NW 2 NE 2 6 , NE 1 NW 2 NE 2 6 , NE 1 NW 2 NW 2 NE 2 8 ,	do. 1ge. 702	H. J. Greener Yellowhouse Land Co. do.	1939 01d 1939	83 97		1

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

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

		aı	ia joe v	v• rauệ	g or the	Texas Board of Water Engineers
	Water	level				
No.	Depth	Date of	Pump	Use	Topo-	Remarks
	below	measure-	and	of	graphic	
	measur	- ment	power	water	situa-	
:	ing po		b/		tion	
	(ft.)		-			
24		Aug. 16,	В	D,S	Gentle	Reported not used in 1938.
		1937	_		slope	
25	29.3	do.	<del> </del>	N	do.	Unused well.
~~						
27	30.4	Sept.22	None	N	₫o•	Do.
1.04	00.1	1937	1,0110	1	431	500
28	34.8	do.	T,G,	I	do.	Steel casing to 100 feet. Irrigated approx-
20	01.0	40.	40	-	431	imately 130 acres in 1937. Drilled by
29	28.0	Aug. 16		D,S	do.	Irrigation well pumping 4 Whitfield.
25	20.0	1937	0,11	2,0	40.	mile away at time of measurement.
50	60 0	Apr. 26	None	N	do.	Unused well.
00	00.0	1938	Notte	T <sub>N</sub>	u.o.	OHOPER METT.
17.7	00.7		7\T	N		Housed well Deilled be C Arles
31	98.6	₫o•	None	1//	~-	Unused well. Drilled by C. Allen.
100	75 5			3.7	0 - 13 -	The same 2 and 1 and 3 a
125	65.7		None	N	Gentle	Reported weak supply. Unused well.
		1938	<del>  ,</del>	<u></u>	slope	
126	29.3		None	N	do.	Steel casing. Main supply from yellow sand
		1938				from 97 to 102 feet. Capacity less than 400
						gallons a minute. Unused well. Drilled by
127	25.6	do•	None	N	do.	Unused well. H. F. Bishop.
			<u> </u>	<u> </u>	į i	
	Water	level	I	1		
No $ullet$	Depth	Date of	Pump	Use	Topo-	Remarks
No•	1 -	Date of measure		Use of	:	Remarks
No•	1 -	measure-	and	i	graphic	Remarks
No.	below measu	measure- r- ment	and power	of water	graphic	Remarks
No.	below measum ing po	measure- r- ment	and	of	graphic situa-	Remarks
	below measuming po (ft.)	measure- r- ment oint	and power <u>b</u> /	of water <u>c</u> /	graphic situa- tion	
No.	below measuming po (ft.)	measure- r- ment	and power <u>b</u> /	of water	graphic situa- tion Gentle	Remarks Seismograph shot hole.
200	below measuring po (ft.) 64.6	measure- r- ment oint Aug. 9	and power b/	of water <u>c</u> /	graphic situa- tion Gentle slope	Seismograph shot hole.
	below measuming po (ft.)	measure- r- ment oint Aug. 9 1939 Aug. 3	and power b/	of water <u>c</u> / N	graphic situa- tion Gentle	
200	below measuring po (ft.) 64.6	measure- r- ment int Aug. 9 1939 Aug. 3	and power b/ None	of water <u>c</u> / N	graphic situa- tion Gentle slope do.	Seismograph shot hole. Unused well.
200	below measuring po (ft.) 64.6	measure- r- ment oint Aug. 9 1939 Aug. 3	and power b/	of water <u>c</u> / N	graphic situa- tion Gentle slope	Seismograph shot hole.
200	below measuring po (ft.) 64.6 79.3	measure- r- ment oint Aug. 9 1939 Aug. 3 1939 do.	and power b/ None C,H None	of water c/ N  P,S	graphic situa- tion Gentle slope do.	Seismograph shot hole.  Unused well.  Reported unused at present.
200	below measuring po (ft.) 64.6 79.3	measure- ment oint  Aug. 9 1939 Aug. 3 1939 do.  Apr. 11	and power b/ None C,H None	of water <u>c</u> / N	graphic situa- tion Gentle slope do.	Seismograph shot hole. Unused well.
200 201 202 203	below measuring po (ft.) 64.6 79.3 86.0	Aug. 9 1939 Aug. 3 1939 do. Apr. 11	and power b/ None C,H None C,W	of water <u>c/</u> N P,S D,S	graphic situa- tion Gentle slope do. Flat	Seismograph shot hole.  Unused well.  Reported unused at present.  Reported dependable supply.
200 201 202	below measuring po (ft.) 64.6 79.3 86.0	Aug. 9 1939 Aug. 3 1939 do. Apr. 11 1939 Aug. 9	and power b/ None C,H None C,W	of water c/ N  P,S	graphic situa- tion Gentle slope do.	Seismograph shot hole.  Unused well.  Reported unused at present.
200 201 202 203	below measuring po (ft.) 64.6 79.3 86.0 46.7	Aug. 9 1939 Aug. 3 1939 do. Apr. 11 1939 Aug. 9	and power b/ None C,H None C,W	of water c/ N P,S D,S	graphic situa-tion  Gentle slope do.  Flat do. do.	Seismograph shot hole.  Unused well.  Reported unused at present.  Reported dependable supply.  Seismograph shot hole.
200 201 202 203	below measuring po (ft.) 64.6 79.3 86.0 46.7	Aug. 9 1939 Aug. 3 1939 do.  Apr. 11 1939 Aug. 9 1939 Aug. 9 1939 Aug. 3	and power b/ None C,H None C,W	of water <u>c/</u> N P,S D,S	graphic situa- tion Gentle slope do. Flat	Seismograph shot hole.  Unused well.  Reported unused at present.  Reported dependable supply.
200 201 202 203 203 205	below measuring po (ft.) 64.6 79.3 86.0 46.7 72.5	Aug. 9 1939 Aug. 3 1939 Ao.  Apr. 11 1939 Aug. 9 1939 Aug. 3 1939	and power b/ None C,H None C,W None	of water c/ N P,S D,S N D,S	graphic situation  Gentle slope do.  Flat do.  do.	Seismograph shot hole.  Unused well.  Reported unused at present.  Reported dependable supply.  Seismograph shot hole.  Reported dependable supply.
200 201 202 203	below measuring po (ft.) 64.6 79.3 86.0 46.7 72.5	Aug. 9 1939 Aug. 3 1939 Aug. 9 1939 Aug. 9 1939 Aug. 9 1939 Aug. 9	and power b/ None C,H None C,W None	of water c/ N P,S D,S N D,S	graphic situa-tion  Gentle slope do.  Flat do. do.	Seismograph shot hole.  Unused well.  Reported unused at present.  Reported dependable supply.  Seismograph shot hole.
200 201 202 203 204 205 206	below measuring po (ft.) 64.6 79.3 86.0 86.4 81.7	Aug. 9 1939 Aug. 3 1939 Aug. 9 1939 Aug. 9 1939 Aug. 3 1939 Aug. 9 1939	and power b/ None C,H None C,W None C,V	of water c/ N P,S D,S N D,S	graphic situa-tion  Gentle slope do.  Flat do.  do.  do.	Seismograph shot hole.  Unused well.  Reported unused at present.  Reported dependable supply.  Seismograph shot hole.  Reported dependable supply.  Seismograph shot hole.
200 201 202 203 203 205	below measuring po (ft.) 64.6 79.3 86.0 86.4 81.7	Aug. 9 1939 Aug. 3 1939 Aug. 9 1939 Aug. 9 1939 Aug. 3 1939 Aug. 8	and power b/ None C,H None C,W None C,V	of water c/ N P,S D,S N D,S	graphic situa-tion  Gentle slope do.  Flat do.  do.  do.	Seismograph shot hole.  Unused well.  Reported unused at present.  Reported dependable supply.  Seismograph shot hole.  Reported dependable supply.
200 201 202 203 204 205 206	below measuring po (ft.) 64.6 79.3 86.0 86.4 81.7	Aug. 9 1939 Aug. 3 1939 Aug. 9 1939 Aug. 9 1939 Aug. 3 1939 Aug. 9 1939	and power b/ None C,H None C,W None C,W None C,W	of water c/ N P,S D,S N D,S	graphic situation  Gentle slope do.  Flat do.  do.  do.	Seismograph shot hole.  Unused well.  Reported unused at present.  Reported dependable supply.  Seismograph shot hole.  Reported dependable supply.  Seismograph shot hole.  Reported dependable supply.
200 201 202 203 204 205 206	below measuring po (ft.) 64.6 79.3 86.0 86.4 81.7	Aug. 9 1939 Aug. 3 1939 Aug. 9 1939 Aug. 9 1939 Aug. 3 1939 Aug. 8	and power b/ None C,H None C,W None C,V	of water c/ N P,S D,S N D,S	graphic situation  Gentle slope do.  Flat do.  do.  do.  In draw  Gentle	Seismograph shot hole.  Unused well.  Reported unused at present.  Reported dependable supply.  Seismograph shot hole.  Reported dependable supply.  Seismograph shot hole.
200 201 202 203 204 205 206 207 203	below measuring po (ft.) 64.6 79.3 86.0 86.7 72.5 86.4 81.7	Aug. 9 1939 Aug. 3 1939 Aug. 9 1939 Aug. 9 1939 Aug. 9 1939 Aug. 9 1939 Aug. 8 1939	and power b/ None C,H None C,W None C,V None C,W	of water c/ N P,S D,S N D,S N	graphic situation  Gentle slope do.  Flat do.  do.  do.  In draw  Gentle slope	Seismograph shot hole.  Unused well.  Reported unused at present.  Reported dependable supply.  Seismograph shot hole.  No water in hole.
200 201 202 203 204 205 206 207 203	below measuring po (ft.) 64.6 79.3 86.0 46.7 72.5 86.4 81.7	Aug. 9 1939 Aug. 3 1939 Aug. 9 1939 Aug. 9 1939 Aug. 9 1939 Aug. 9 1939 Aug. 8 1939	and power b/ None C,H None C,W None C,W None C,W	of water c/ N P,S D,S N D,S	graphic situation  Gentle slope do.  Flat do.  do.  do.  In draw  Gentle	Seismograph shot hole.  Unused well.  Reported unused at present.  Reported dependable supply.  Seismograph shot hole.  Reported dependable supply.  Seismograph shot hole.  Reported dependable supply.
200 201 202 203 204 205 207 203 209	below measuring po (ft.) 64.6 79.3 86.0 86.4 81.7 86.1 100	Aug. 9 1939 Aug. 3 1939 Aug. 9 1939 Aug. 9 1939 Aug. 3 1939 Aug. 8 1939 Aug. 8	and power b/ None C,H None C,W None C,W None C,W	of water c/ N P,S D,S N D,S N N N	graphic situation  Gentle slope do.  Flat do.  do.  do.  In draw  Gentle slope Flat	Seismograph shot hole.  Unused well.  Reported unused at present.  Reported dependable supply.  Seismograph shot hole.  Reported dependable supply.  Seismograph shot hole.  Reported dependable supply.  Seismograph shot hole.  Very supply.  Seismograph shot hole.  Unused well.
200 201 202 203 203 205 206 207 203	below measuring po (ft.) 64.6 79.3 86.0 86.4 81.7 86.1 100	Aug. 9 1939 Aug. 3 1939 Aug. 9 1939 Aug. 9 1939 Aug. 9 1939 Aug. 9 1939 Aug. 8 1939	and power b/ None C,H None C,W None C,W None C,W	of water c/ N P,S D,S N D,S N	graphic situation  Gentle slope do.  Flat do.  do.  do.  In draw  Gentle slope	Seismograph shot hole.  Unused well.  Reported unused at present.  Reported dependable supply.  Seismograph shot hole.  No water in hole.
200 201 202 203 204 205 207 203 209	below measuring po (ft.) 64.6 79.3 86.0 86.4 81.7 86.1 100	Aug. 9 1939 Aug. 3 1939 Aug. 9 1939 Aug. 9 1939 Aug. 3 1939 Aug. 8 1939 Aug. 8	and power b/ None C,H None C,W None C,W None C,W	of water c/ N P,S D,S N D,S N N N	graphic situation  Gentle slope do.  Flat do.  do.  do.  In draw  Gentle slope Flat	Seismograph shot hole.  Unused well.  Reported unused at present.  Reported dependable supply.  Seismograph shot hole.  Reported dependable supply.  Seismograph shot hole.  Reported dependable supply.  Seismograph shot hole.  Very supply.  Seismograph shot hole.  Unused well.

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

 $<sup>\</sup>underline{d}$ / No water sample collected for analysis.

e/ Water level reported. Unit number refers to farm number of U. S. Department of Agrilculture - Farm Security Administration

	Ī					1	į	Height of
No $ullet$	Distance	Sec-	Survey, block	Owner	1		ì	measuring
	from	tion	or league		com-	of	eter	point
	"hitharre	l or			ple-	well	of	above
		labor			ted	(ft.)	well	
	<u> </u>	<u> </u>			<u> </u>	<u> </u>	(in.)	(ft.) a/
<u>d</u> /211	$12\frac{3}{4}$ miles	15,	lge. 703	Yellowhouse Land	1939	89		1.2
	west	SWZSWZ		Co.	<u> </u>			
212	$11\frac{5}{4}$ miles	91,	lge. 76	R. L. Johnson		95		0.2
	west	SW-SW-			1			
d/213	9월 miles	83,		J. A. Fincannon	1939	85		1.4
	west		Haskell Co. School		<u> </u>			
214	$10\frac{1}{x}$ miles	96,		T. J. Richardson	1932	116		
	west		Haskell Co. School		<u> </u>			
<u>d</u> /215	ll를 miles	19,		Yellowhouse Land	1939	74		1.3
	west	SW4SW4		Co.	<u> </u>			
216	$10^{\frac{1}{2}}$ miles	20,	do∙	do.	Old	109		0.8
	west	NETNET			<u> </u>	<u> </u>		
d/217	ll miles	1,	do.	J. P. White Co.	1939	129		1.3
	west	SW4SW4			<u> </u>	Ĺ		
218	10 miles	10,	do∙	W. G. LeCroy		112		
	west	NEZNEZ			<u> </u>	l		
219	7월 miles	6,	lge. 705	Yellowhouse Land	01d	13		
	west	SEZSWZ		Co.				
d/220	7분 miles	7,	do∙	C. E. Denny	1939	15-		
	northwest							
221	do.	12,	lge. 696	Yellowhouse Land	Old	160		
		NEFNEF		Co.				
222	6 miles	25,	lge. 695	Allen	1927	173		0.2
	northwest		J		1			
223	$6\frac{1}{2}$ miles	9,	do.	H. A. Pierce	Old	270		
	northwest		or.					
224	4½ miles	2,	lge. 706	W. O. Tipton	1930	69		0.1
	northwest			_	1			
d/225	5 miles	7,	do.	G. H. Gilley	Old	55		0.7
تعت	northwest				_			
d/226	$3\frac{1}{2}$ miles	15,	lge. 707	J. H. Hartman	Old	74		
	northwest							
227	$3\frac{1}{4}$ miles		lge. 706	C. D. Waters	1936	80		
	northwest	20, NE <sup>1</sup> NE <sup>1</sup> / <sub>4</sub>	-6 / 0					
d/228	4 miles	6,	lge. 717	Yellowhouse Land	1939	45	<del></del>	1.5
	west	NE <sup>1</sup> NE <sup>1</sup>	-0-	Co.				
229	$3\frac{1}{a}$ miles	8,	do.	C. O. Helms	Old	71		0.3
	west	SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>2</sub>	<del></del> -			_		
d/230	$4\frac{1}{6}$ miles		do.	Yellowhouse Land	1939	53		
	west	15, NE <sup>1</sup> ANE <sup>1</sup>		Co.				
239	5½ miles	21,	lge. 718	E. Pfeifer	Old	94	<del></del>	0.8
	west	NW-LWY-	3-				į	
1/240		20,	do.	Yellowhouse Land	1939	114-	<del></del>	1.2
,		$NW_{\frac{1}{4}}SW_{\frac{1}{4}}$		Co.			i	
3/241	7분 miles	15,	do.	do.	Old	20		0.2
- Tana	west	SW <sup>1</sup> SW <sup>1</sup>						
d/242	8 miles	69,	lge. 75	G. C. Perry	1939	83		1.1
EI WEN	west		Haskell Co. School			1	1	<u> </u>
3/243	$6\frac{3}{4}$ miles	7,	lge. 719	W. M. Dozier	1939	100-	<u> </u>	1.2
<u>≃</u> / ~±0	west	NETNET	100- 110	##- III- DOZIOI	1	1	, -	
244	74 miles	17,	do.	R. J. Hamill	Old	118		0.6
~TT	southwest		u.v.	Tra na troppy mm	1	1 -10		
	DOT OTTMED	<u>کرند ۱۹۹۰ د سده م</u>				L	<u>i</u>	<u> </u>

Records obtained by Carl B. Mueller, Project Superintendent

			and	l Joe V	V. Lan		Texas Board of Water Engineers
		r le <b>v</b> e	1				
No.	Depth	ī		Pump	Use	Topo-	Remarks
	below			E I	of	graphic	
	measu:		ent.	t		situa-	
	ing po			Ъ∕	್ತ/	tion	
211	84.6	Aug. 1939	8,	None	N	In <b>đr</b> aw	Seismograph shot hole. Near lake containing 5 feet of water.
212	66.4	July 1939	12,	C,W	D,S	Near creek	Unused at present. Reported dependable supply.
213	81.3	Aug. 1939	8,	None		Flat	Seismograph shot hole.
214	90	Aug. 1939	7,	C,W	D,S	Near creek	Reported weak supply.
215	71.7	Aug. 1939	9,		N		Seismograph shot hole.
216	97.0	Aug. 1939	7,	C,W	D,S	Flat	Reported strong supply.
217	95.6	Aug. 1939	8,	None		do.	Seismograph shot hole.
218	108	Apr. 1939	11,	C,W	D,S	do.	Pumps dry in 2 to 3 hours.
219				None	D,S	Gentle slope	Flowing well. Water has odor of hydrogen sulphide.
220		Aug. 1939	7,		N	Flat	Seismograph shot hole.
	129	June 1939			D,S	₫o.	Reported strong supply.
222	139.3	June 1939	28,	0,%	D,S	do.	Do.
223	180	<u>e</u> /		C,W	D,S	do.	Do.
224	58.6	Apr. 1939	4,	C,W	D,S	do∙	Do.
225		Apr. 1939		C,W		₫o•	Unused at present.
226		June 1939		None	N	Gentle slope	Unused well.
227	45	Apr. 1939	25,	C,W	D,S	Flat	Reported strong supply.
228	27.5	1939	1,	None			Seismograph shot hole.
229		Apr. 1939		C,W	D,S	Flat	Reported strong supply.
230	49.7	1939	1,	None			Seismograph shot hole.
239		Apr. 1939	19,	C,W	D,S	On ridge	Reported strong supply. Near two dry lakes.
240		Aug. 1939	1,	None			Seismograph shot hole.
241		Apr. 1939		C,W	S	Gentle slope	Reported strong supply.
242	80.7	1939	9,	None		Flat	Seismograph shot hole.
243	91.7	1939	8,	None	<del>-</del> -	do.	Do.
344	107.1	Apr. 1939	11,	C,W	D,S	do.	Reported strong supply.

		1101	cords or werrs in r	tockicy coambyco	ii o ziidi	Ju		
								Height of
O <b>∢</b>	Distance	Sec-	Survey, block	Owner	Date	Depth	Diam-	measuring
	from	tion	or league		com-	of	eter	point
	Whitharre	l or			ple-	well	of	above
		labor					1	ground
		1			1000	1200,	(in.)	
3/0/5	0 -110-		1 714	TT133 C	3.070	7.07	<del></del>	(ft.) <u>a/</u>
<u>u</u> / 240	9 miles	29,	lge. 74 Haskell Co. School	Haskell County	1939	103		1.3
	west	NW-NW-	Haskell Co. School	Land	ļ			
<u>d</u> /246	$9_4^{\rm F}$ miles	18,	lge• 74	S. Sheet	01d	113		0.4
	west	18, NW <sup>1</sup> NW <sup>1</sup>						
247	12 miles	3,	lge, 78	A. N. Riley	Old	154		
	west	NETNET	Reeves Co. School	Land		1		
d/248	12₹ miles	24.	lge. 77 Reeves Co. School	Ira P. DeLoache		124		0.3
⊈/ ~ 20	Medt	MULMUL	Reeves Co. School	Tand				
240	13 miles	20	370 90	do.	01d	115	<del> </del>	0.2
249	TO- WITES	20,	lge• 80	40•	Old	110		0.2
	west	NV ANEA					<b></b>	
250	14월 miles	17,	lge. 80	do.	Old	135		0.1
	west	SEZSEZ	lge. 80 Reeves Co. School	Land				
251	$15\frac{3}{4}$ miles	20,	lge. 83	A. D. Slaughter	1932	173		1.0
	west	SELNEL	İ					
252	16 miles west	15	lge. 81	Ira P. DeLoache	Old	156		0.6
200	Wort	CM CTL	160.01	214 1 202040110	014	100		
1/057	109 10-	SWZ,SEZ	3 777	A N Dilor	1936	165	<del> </del>	
<u>d</u> /200	104 miles	, 0,	lge. 73 Haskell Co. School	A. N. Riley	1900	100		
	southwest	SE产SE完	Haskell Co. School	L Land			ļ	
d/254	$9\frac{1}{2}$ miles southwest	8,	do.	A. B. Lawson	1937	190	12	
	southwest	NE <sup>1</sup> NE <sup>1</sup>			1			İ
255	8 miles southwest	7.	lge. 732	Hamill Bros.	Old	142		0.3
	southwest	NE-ME-			1			
a/256	$8\frac{1}{4}$ miles	10	do.	W. O. Shaw	Old	174	5	1.5
<u>a</u> / 250	04 mrres	curley1		. O. Bliaw	Olu	1/4		1.0
0.00	southwest	SWZSWZ		<del></del>		3.00		
262	72 miles	16,	lge. 731	Z. B. Pirtle		120		0.9
	southwest						<u> </u>	
263	$6\frac{3}{4}$ miles	18,	do.	S. H. Davidson	1927	149		
	southwest	SEASEA						
d/264	6 miles	11.	₫o•	E. A. Hankins	1939	118		0.7
	southwest	SE-SE-					1	
265		13,	do.	J. S. S. Hart	1934	117		1.0
ಬರಬ	40.		40.	J. D. D. Hait	1304	1	]	1 ***
		NE 1 NE 1			0	1 2 5 5		
275	$4\frac{3}{4}$ miles	1,	do.	B. D. Barker	Old	135		
	southwest							
276	5½ miles	24,	lge. 720	B. K. Hamrick	01d	138		1.0
	southwest				1	1	ł	
277	6½ miles	21,	lge. 719	T. Summers	Old	145		0.9
.3. (	southwest	SELCEL	-0		1		•	
278		2,	lge. 732	L. E. Mitchell	Old	142		0.1
210			180. /08	T. D. WILLOUIGIT	1014	1.40		0.7
. 75	southwest							ļ <u>.</u>
$\underline{\mathbf{d}}/279$		15,	lge. 720	Dorthy Mitchell	01d	126		0.3
	southwest	SW去SW去						
d/280	4 miles	8,	do∙	J. R. Williams	Old	115		0.5
_	southwest	SENE				<b>!</b>		•
d/281		3,	do.	I. D. White	1939	68		1.5
<u> </u>	southwest			1	====			
200			1 mai	T 0 10	013	100	<u> </u>	<del></del>
282		6,	lge, 721	J. S. Fox	01d	108		1.6
-	southwest			<u> </u>	<u> </u>		<b> </b>	
283		23,	lge. 716	C. Millsap	01d	67		0.4
	southwest	NW ÷SW ÷			<u> </u>			
284	l mile	21,	lge. 716	C. E. Pendergrass	01d	81		1.3
	south	M-INMI	-		į			
			<del></del>	<del> </del>	L	·	J	

		an	d Joe V	V. Lang	g of the	Texas Board of Water Engineers
		r level				
No•		l .	Pump	Use	Topo-	Remarks
		measure-	1	of	graphic	
	measur		power	i .	situa- : tion	
	(ft.)		<u>p</u> /	<u>c</u> /	01011	
245		Aug. 9, 1939	None			Seismograph shot hole.
246	91.3	Apr. 21, 1939			Flat	Unused well.
247	70	<u>e</u> /	C,W	I	do.	Irrigates garden.
248	102.9	July 12, 1939	C,W	D,S	Gentle slope	Unused well at present. Reported strong supply.
249	82.6		C,W	D,S	go.	Reported strong supply. Water level recovered 3 feet in $\frac{1}{2}$ hour after pumping 3 gallons a
250	98.7	<del></del>	C,W	D,S	Flat	Reported strong supply. minute.
251	101.0		C,W	D,S	do.	Do.
252	144.9	l	C,W	D,S	Gentle slope	Do.
253	90	Apr. 21, 1939	T,G	I	Flat	Reported strong supply. Reported capacity 1,000 gallons a minute.
254	124	<u>e</u> /	T,G, 50	I	Slight rise	Reported capacity 700 gallons a minute.
255	120.7	Apr. 27, 1939	C,W	D,S	Flat	Reported strong supply.
256	110.6	Apr. 11, 1939	None	N	do.	Unused well.
262	102.6	do.	C,W	D,S	Gentle slope	Reported strong supply. Near small dry lake.
263	79	<u>e</u> /	C,W	D,S	Flat	Reported weak supply.
264		Sept.13, 1939		D	do.	Reported strong supply. Drilled by L. A. Peeples.
265		Apr. 18, 1939		D,S	do.	Do.
	108	<u>e</u> /	C,W	D,S	do.	Do.
	110	<u>e</u> /	C,W	D,S	do.	Do.
	119.8	1939		D,S	Gentle slope	Do.
		Apr. 20, 1939			Flat	Well unused at present.
	108.0	1939		D,S	do.	Well unused at present. Reported strong supply.
280		Apr. 11, 1939			do.	Well unused at present.
281		Aug. 10, 1939			do.	Seismograph shot hole.
282		Sept.13, 1939		D,S	do.	Reported strong supply.
ลีส3		Apr. 18, 1939			do.	Unused well.
284	53.9	June 23, 1939	C,W	D,S	do.	Reported strong supply.

							•	Height of
No.	Distance	Sec-	Survey, block	Owner	Date	Depth	Diam-	measuring
	from	tion	or league		com-	of	eter	point
	Whitharre	l or			ple-	well	of	above
	,	labor			ted	(ft.)	well	ground
							(in.)	(ft.) a/
d/285	$2\frac{3}{4}$ miles	13,	lge. 721	J. T. Stevens	Old	78		0.5
me-	south	M. FM. F	Ü		_		[	
286	2½ miles	9,	do.	Yellowhouse Land	01d	78		1.0
	south	SEZSEZ		Co.		_	}	
287	3 miles	14,	lge. 722	W. H. Abernathey	Old	108	<b> </b>	
	southeast	NE-NE-	_6	== ======				
288	$4\frac{3}{4}$ miles	3,	lge. 729	Nettie Holley	Old	101		1.6
	south	NW-SW-					1	
239	5≟ miles	12,	lge. 730	Henry Fietz	Old	122		1.2
	south	SWINE		Jan Garage				
290	6 miles	11,	lge. 729	J. W. Christian	Old	97		0.5
-	southeast		-6-					
291	6 miles	15,	lge. 728	L. P. Edrington	Old	103	<del> </del>	0.7
~~~	southeast			20 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				
292	$1\frac{3}{4}$ miles	23,	lge. 715	Mrs. N. R. Keeney	1925	99	4	1.0
202	southeast		100, 110	111 111 111 11001109			_	
293	2½ miles	11,	do•	P. H. Howry	1928	75	<del> </del>	
~00	east	M" N" 1	401	11 11 1100119	1020			
294	3 miles	5,	lge. 714	J. T. Hewett	1928	100	<del> </del>	
201	east	NE <sup>1</sup> NW <sup>1</sup>	780 171	0. 1. 11000000	1320	1 -00		
d/295	2 miles	23,	lge. 708	H. A. Goble		87		1
<u>=</u> ) 550	northeast		160. 100	n. A. 00010				_
296	la miles	22,	lge. 707	J. Thompson	1930	87		1.2
220	north	NE <sup>1</sup> NE <sup>1</sup>	<b>1</b> 80• 101	U. Inompson	1200	0,		1~
297	$2\frac{1}{4}$ miles	15,	lge. 708	T. E. Wynn	1929	92	<del> </del>	0.4
~~.	north	SE <sup>1</sup> SW <sup>1</sup>	160. 100	10 20 11922	2000	02		"
298	3½ miles	12,	₫o•	R. W. Ivey	1927	110		
250	northeast	NE NE c		11	1027	1		
299	4 miles	3,	do.	B. Yantis	1928	68	<del> </del>	1.4
200	north	NW <del>l</del> NWl	40,	2- 1011010				4.4.
300	$3\frac{2}{4}$ miles	22,	lge. 694	Fred Newsome	Old	78	<del> </del>	0.5
	north	SE <sup>1</sup> SE <sup>1</sup>	-p <b>-</b>	2202 2000 0000		'	]	1
301	4를 miles		lge. 693	B. M. Whittaker	1929	93		0.4
001	north	16, SE <del>1</del> SE1	-60.000					0.1
302	5 miles	21,	do.	M. Rice	Old	86		0.3
008	northeast		201	11100				] 5.0
303	6 miles	11,	do.	R. M. Loper	Old	102		0.2
500	northeast	NI-1NI-1	40,	11- mi- mopor	~ <b>_</b> u	1		J•2
304	$5\frac{3}{4}$ miles	12,	do.	Yellowhouse Land		86		1
~ ·	northeast			Co.				1
d/305	6 miles	7,	do.	do.	01d	127		0.6
	north	NE-NE-	407	40.	J_44	1~'		
d/306	5 miles	11,	lge. 718	do.	1937	4,665		
	west		State Capitol Lar	•	1001	1,000		.=
			Doggo ouproor nar	<u> </u>			<del>'                                     </del>	<del></del>

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

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

			i Joe V	V. Lan	g of the	Texas Board of Water Engineers
	Wate:	r level				
No.	Depth	Date of	Pump	Use	Topo-	Remarks
		measure-	and	of	graphic	
	measu		power	1		
	ing p		, -		tion	
	(ft.)		₽\	<u>c</u> /	0.1011	
	<u> </u>		NT.	- 37	7777	TT
≥85	74.9	Apr. 11,	None	N	Flat	Unused well.
		1939				
286	59.4	Sept.13,	C,W	D,S	Edge of	Reported strong supply.
		1939			lake	
287	83	e/	C,W	D,S	Flat	Do.
			ĺ	ĺ	_	<del>-</del> '
288	81.3	May 26,	C,W	D,S	do.	Do.
200	OLVO	1939	,	ט,ט	40.	DO:
289	00.0	<u> </u>	G 10	70.00	TT: 2.2.1	
೭೮೪	96.0	Sept.13,	C,W	D,S	Hilltop	Do.
		1939				
290	90.3	June 12,	C,W	D,S	Flat	Do.
		1939				
291	90.7	May 15,	C,V	D,S	do.	Do•
		1939		<b>'</b>		
292	72.0		C,W	D,S	do.	Do.
200	1 /2.0	1939	, "	Δ,υ	ac.	DO•
0.00			Q 7/7			
293	60	May 26,	C,W	D,S	do.	Do•
		1939				
294	60	e/	C,W	D,S	do.	Do.
		_				
295	69.3	Aug. 29,	None	N	do.	Unused well.
		1939				
296	75.1	June 23,	C,W	D,S	do.	Reported strong supply.
250	10.1	1 '	,,,,,	ט,ט	uo.	reported scrong suppry.
		1939				
297	76.5	June 29,	C,W	D,S	Gentle	Do.
		1939			slope	
298	98	e/	C,W	D,S	Flat	Do.
		<u> </u>		1	-	
299	58.2	June 28,	C,W	D,S	Near	Do.
		1939	,	1	creek	
300	57 3	June 13,	C,H	D,S	do.	Do.
200	1 37.3		0,11	ס, ט	40.	DO •
	1 = = =	1939		<u> </u>		
301	76.3	June 28,	C,W	D,S	Flat	Do.
		1939			<u> </u>	
302	70.9	do.	C,W	D,S	In draw	Do•
			'	<b>'</b>	1	
303	70.4	Aug. 29,	C,W	D,S	Flat	Do.
500	1 10.4		`, "	ט,ע	r-au	) UO •
	1	1939	<del> </del>	<del> </del>	<del> </del>	
304	67.1	do.	C,V	N	In draw	Unused well. Reported strong supply.
305	96.4	June 13,	C,H	N	Gentle	Unused well. Water level 96.4 on Aug. 10,
-	1	1939		1	slope	1939.
306				<del> </del>		Oil test. See log. Drilled by R. F. Duggan and
000		1			<u> </u>	,
	1	1	1	<u> </u>	i	Loffland Brothers.

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

 $<sup>\</sup>underline{\underline{a}}/$  No water sample collected for analysis.

e/ Water level reported.

<sup>\*</sup> Unit number refers to farm number of U. S. Department of Agrilculture - Farm Security Administration.

	······································	····		•				
						1		Height of
110.	Distance	Sec-	Survey, block	Owner	Date	Depth	Diam-	measuring
	from	tion	or league		com-	$\circ \mathbf{f}$	eter	point
	Anton	or			ple-	well	of	above
		labor			ted	(ft.)	well	ground
							(in.)	(ft.) a/
400	$4\frac{3}{4}$ miles	13,	lge. 692	J. D. Jenkins	01d	123		1.2
	west	$NE^{1}NE^{1}_{4}$						
401	$3\frac{3}{4}$ miles	10,	do.	J. Lyda	01d	79		1.4
	west	NE <sup>1</sup> NE <sup>1</sup>						
₫/4.02	3 miles	125,	blk. A	John T. Couch	1936	100		
	northwest	NE <sup>1</sup> SE <sup>1</sup>	R. M. Thompson					
d/403	2½ miles	108,	do.	Fright et al	Old	47		1.1
_	west	M. FWMF		_				
404	4 miles	21,	lge. 692	M. L. Ellis	1929	120		
	west	NETNWT		-				
405	5½ miles	4,	lge. 709	M. Burnham	Old	110		
	west	SE <sup>1</sup> SE <sup>1</sup>						
411	5 miles	19,	do.	C. E. Pendergrass	Old	90		0.8
	southwest							
412	4 miles	93,	blk. A	E. D. Ellis	1929	67		1.0
	southwest		R. M. Thompson			]		
413	$5\frac{1}{4}$ miles	78,	do.	I. L. Elwood Est.	Old	103		0.2
	southwest			2 22 22 22 22 22 22 22 22 22 22 22 22 2	524	1		0.2
114	5½ miles	77,	do.	A. Wininger	01d	125		1.0
1 4. 3.	southwest		40•	A. WININGOI	Old	120		1.0
415	7을 miles	23,	lge. 714	D. D. Campbell	01d	97		0.3
±10	southwest		18c. 174	D. D. Gamboerr	Olu	) "		0.5
416	10 miles	17,	lge. 723	V. S. Mitchell		101		0.3
410	southwest		ige. 723	W. D. MICCHEII		101		0.0
437	93 miles		lge. 728	J. B. Riggs	1928	120		<del> </del>
#17	southwest	1,	18e. 180	1. D. LIEES	1320	120		
3/470			do.	D. Mitchell	1935	740		
<u>a</u> \410	lla miles	19,	40•	D. Miceuerr	1900	149		
430	southwest		3.	C W II - 3	3005	1 334		<u> </u>
419	ll miles	11,	do.	C. W. Henderson	1925	114		0.5
3/400	south	SE <sup>1</sup> SE <sup>1</sup>	3 7 1 - 4	147 36 11.7.7.7	1074	<del> </del>		
೮/4೭೮	$10\frac{1}{2}$ miles		blk. A	W. M. Hilderbrand	1934			
400	south	SE <sup>1</sup> SE <sup>1</sup>	R. M. Thompson		1000	300		ļ
429	8 miles	51,	do.	Glen Ott	1938	180	~~	
470	south	SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub>		7. 11.	~	3.05		<u> </u>
430	9 miles	53,	do.	J. W. James	01d	107		0.7
2/1/22	southeast		<u> </u>		7054			<u> </u>
$\frac{d}{431}$	6 miles	68,	₫o.	C. M. Keefer	1934	100	8	1.0
470	southeast				2.00			
432	$5\frac{1}{4}$ miles	67,	do.	I. L. Elwood Est.	1938	112		0.7
	south	NM:NM5						
<u>d</u> /433	$5\frac{1}{2}$ miles	64,	do.		1938	100	5	0.3
	south	NE cor.				L		
d/434	4章 miles	74,	do∙	C. E. Flowers	1937	221	16	1.5
	south	SE <sub>4</sub> NV <sub>4</sub>						
d/436	$5\frac{1}{2}$ miles	70,	do∙	Adams			-	
	southeast							
d/437	$5\frac{1}{4}$ miles	85,	do∙	Emerson	1939			
	southeast	SWINE:		Ī				

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

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

		an	d Joe V	V. Lane	g of the	Texas Board of Water Engineers
	Water	rlevel				The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s
No.	Depth	Date of	Pump	Use	Topo-	Remarks
		measure-	and	of	graphic	
	measu		1	water	situa-	
	ing po		<u>b</u> /	<u>c</u> /	tion	
	(ft.)		=/	رت ا		
4)0		Aug. 18,	C,W	D,S	Near	Reported strong supply.
		1939	<b>'</b>	,,,	draw	2
401	49.0	Aug. 29.	C,W	D,S	do.	Do.
		1939		Í		
402	33	<u>e</u> /	G	I	Flat	Reported capacity 1,100 gallons a minute from
						27 feet of sand, top of sand 32 feet below
403	36.3	Aug. 29,	C,H	N	In draw	Unused well. surface.
		1939				1-12-12-12-12-12-12-12-12-12-12-12-12-12
404	72	<u>e/</u>	C,1"	D,S	Flat	Reported strong supply.
405	68	Aug. 29,	C,W	D,S	do.	Do.
		1939		ŕ		
411	75.8	Aug. 18,	C,W	D,S	do.	Do.
		1939	, ,	Ĺ		
412	61.8	June 8,	C,H	N	do.	Well unused at present.
		1939	1			
413	72.3	do.	C,W	D,I	đo.	Reported strong supply.
414	96	<u>e</u> /	C,W	D,S	Gentle	Do•
		_			slope	
415	87	May 25,	C,W	D,S	Flat	
		1939				
416	89	May 24,	C,W	D,S	do.	Reported strong supply.
		1939				
417	92	e/	C,W	D,S	do.	Reported strong supply. Dry lake 0.1 mile
						northwest.
418	89	e/	T,G,	I	Hilltop	Reported strong supply. Reported capacity
						650 gallons a minute. Struck water at 94 feet.
419	94.5		C,W	D,S	Gentle	Reported strong supply.
		1939			slope	
128		<b>-</b> -	T,G,	I		
		<u> </u>				
429	117.1	1 -	C,W	D,S	Flat	Reported strong supply.
		1939				
430	88.0	, ,	C,W	D,S	Gentle	Do.
		1939			slope	
431	58.9	, - ,		I	do.	Concrete casing. Reported irrigates orchard
		1938	4	<u> </u>		and truck garden.
432	93.1		C,W	D,S	do.	Reported strong supply.
		1939				
433	86.0			D,S	do.	Dry sink 0.3 mile south. Drilled by H. F.
		1938	1 a =	L	ļ <u>.                                 </u>	Bishop.
434	134.7	do.	C,G,	Ī	do.	Steel casing to 206 feet. Reported gravel from
			100	1		135 to 140; 156 to 163 feet. Fine-grained
	<b></b>	<u></u>	<u> </u>	<u> </u>		yellow sand 185 to 195 feet. Drilled by John-
436			T,G	I	do.	Estimated capacity 400 gallons ston Pump Co.
		<b></b>	+	<del></del>	ļ	a minute.
437			T,G	I		Drilled by Emerson.
	1	!	1	<u> </u>	1	

<sup>1/</sup> No water sample collected for analysis.

Vater level reported.

Unit number refers to farm number of U. S. Department of Agriculture - Farm Security Administration.

-15Records of wells in Hockley County--Continued

	<u> </u>			!		<del></del>	1	Woight of
No.	Distance	Sec-	Survey, block	Owner	Data	Donth	Diam-	Height of measuring
7/0+	ł .	•		Owner			eter	
	from	tion	or league		com-	1		point
	Anton	or			_	well	of	above
		labor			ted	(ft.)	well	ground
				<u> </u>			(in.)	(ft.) <u>a/</u>
d/438	$4\frac{1}{8}$ miles	84,	blk. A	R. C. Hopping	1937	130	18	
_	southeast	NE cor.	NE4 R. M. Thompso	on				
d/439	do.	86,	do•	Panhandle North?				
		SW <del>l</del> SWl						
d/440	do.	do.	do.	P. & N. T. R. R.				
<i>≌</i>								
d/441	do.	do.	do.	R. C. Hopping	1937	125	18	
<u>u</u> /	u 0 -	1	400	111 01 110 1110	120,	1 220	20	
a /1/19	3 <sup>2</sup> miles	87,	do.	E. F. Allen				
T) ++v	southeast	GWIGWI	40.	m. r. Hiten				
3 /4 4 57	Southeast			0 4 5- 3-	3.000	370	1-76	<b> </b>
$\underline{d}/443$	$3\frac{1}{2}$ miles	100,	do.	C. A. Bourlan	1937	130	16	
	southeast	Sw cor.	SE 4			1		
						ļ		
તું/444	$4\frac{2}{4}$ miles	101,	do.	Ed. Bigler	1937	140	16	
	southeast	SE SE						
		<u> </u>				L		
d/445	2 miles	99,	do.	R. L. McElroy	1937	100		
	southeast							
$\frac{3}{446}$	$2\frac{1}{2}$ miles	104,	do.	W. L. Duke	1937	100		
	east	SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub>						
3/447	1 mile	105,	do.	H. F. Bishop	1933	96	8	0.4
<u>u</u> ) == 1	southeast		400	l iii I bibhop	1300			1
	Southeast	141140114						
3/440	$1\frac{3}{4}$ miles	107,	do.	G. C. Pass	1937	236	15늘	<del> </del>
<u>u/44</u> 0			<u> </u>	G. O. Lass	1901	200	102	
	southwest	SW COL.	DW4			j	Ì	
						Ì	1	
						1	İ	
		1 - 2	,					<u> </u>
<u>d</u> /449	½ mile	106,	do∙	W. M. Church		37	5	
	south	SW-NE-				<u> </u>	<u> </u>	<u> </u>
d/450	In	106,	do.	W. M. Alexander	1937	100	16	
	Anton	NE <sup>1</sup> <sub>4</sub> NV <sup>1</sup>					<u> </u>	
d/451	West edge	113,	do.	Boyd & Rea	1938	103	12	
	of Anton	SEZSWZ						
d/452	를 mile	114,	₫o.	E. C. Couch	1937	135	$15\frac{1}{2}$	
	northeast						~	
1/453	1 mile	112,	do.	Aaron Cohen	1937	115	15 <del>\frac{1}{4}</del>	
<u>a</u> ) 100	northwest				1		1 4	
a /454	l है miles	122,	do.	R. O. Mayes	1937	134	16	
T) +0+	north	NW 1SE	1	let of mayob	1301		1 -0	
3/455			<b>4</b>	Dr. J. H. Vaughn	3.000	1.00	1 74	-
<u>a</u> /455	$1\frac{1}{2}$ miles	114,	do.	Dr. J. n. vaugnii	1937	166	14	
77.=-	northeast			M D1- T-	7.000	1750	+-,-	<del> </del>
<u>a</u> /456	$2^3_4$ miles	116,	do.	Mrs. Buck Roe	1937	156	15	1.5
	east	cen.N l	ine NW			1		
							<del></del>	
d/457	3½ miles	116,	do.	0. L. Langston	1937	189		
	east	NE-NE-						
1/458	$4\frac{1}{4}$ miles	102,	do.	R. L. Burdette	1936	150	16	2.0
•	east	NE <sup>1</sup> NE <sup>1</sup>		} †	ļ	ļ		
	·			· ·	*		1 -	<b>-</b>
	·	i	1	· · · · · · · · · · · · · · · · · · ·	<del></del>		<del>'</del>	<del></del>

Mater lavel   Name   Doth   Doth   Date of   Pump   Doth   Of   Craphic   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Doth   Dot				l Joe V	. Lan	g of the	Texas Board of Water Engineers
below   measure   most   power   water   situating point   b/ c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   stone   c/   s							
measur	No•	Depth	Date of	Pump	Use	Topo-	Remarks
ing point		below	measure-	and	$\circ f$	graphic	
		measur	r- ment	power	water	situa-	
(ft.)		ing po	oint	b/	c/	tion	
25		(ft.)		-			
25	438	65	e/	T,E,	I	Gentle	Steel casing. Estimated capacity 700 gallons
440			_			slope	a minute. Drilled by F. Faust.
441   65   65   7,0,   1   do.   Steel casing.   Well can produce 400 gallons a minute for few hours only.   Drilled by H. F.	439				RR	do.	
441   65   65   7,0,   1   do.   Steel casing.   Well can produce 400 gallons a minute for few hours only.   Drilled by H. F.							
	440		+		KR	do.	
					<b>!</b>		
	441	65	e/	T,G,	I	₫O∙	Steel casing. Well can produce 400 gallons
			_	25			
443   50     T.G.   I   do.   Steel casing. Reported irrigated 75 acres of cotton in 1937. Reported dependable supply from 70 feet of water sand. Drilled by J.	442				I	do.	Unused well. Supply insufficient for Bishop.
443   50     T.G.   I   do.   Steel casing. Reported irrigated 75 acres of cotton in 1937. Reported dependable supply from 70 feet of water sand. Drilled by J.							irrigation. Drilled by J. Jones.
20	443	50		T,G,	I	do.	
444   57   6		İ		1	Ì		
20 feet after 7 hours pumping at 750 gallons a minute. Irrigated 100 acres of cotton. Drill-ded by J. Jones.					Ī		from 70 feet of water sand. Drilled by J.
20 feet after 7 hours pumping at 750 gallons a minute. Irrigated 100 acres of cotton. Drill-   445	444	57	e/	T,G,	I	do.	
				1			
445							
Slope	445			T,G,	I	South	
T.G.						slope	<u> </u>
	$\frac{1}{446}$			T,G.	I		Steel casing. Reported dependable supply.
447 30.3 May 5, C,G I do. Perforated steel casing top to bottom. Reported capacity 500 gallons a minute. Irrigates 25 acres cotton, sweet potatoes and tomatoes.  448 46 T I NE Perforated steel casing. Drilled by owner. Reported weak supply from reddish clayey sand from 46 to 74 feet, gravel from 74 to 80 feet, yellow clay 80 to 100 feet, blue shale 100 to 200 feet. "Red Beds" 200 to 236 feet. Drilled 449 30.1 Sept.22, C,H slope Steel casing. Reported seldom used. by H. F. Bishop.  450 T,G I do. Steel casing. Reported effects nearby shallow wells when pumping. Irrigates 100 acres.  451 C,G I do. Steel casing. Supplies water for 50 acres. Drilled by H. F. Bishop.  452 T,G, I do. Perforated steel casing. Supplied water for 80 acres of cotton in 1937. Drilled by 453 T,G, I Gentle Slope  454 T,G, I Gentle Drilled by Bishop.  455 T,G I South Steel casing. Reported capacity 800 gallons a slope minute. Supplies water for 135 acres. Drilled 50 pminute.					İ	1	
decapacity 500 gallons a minute. Irrigates 25 acres cotton, sweet potatoes and tomatoes.	447	30.3	May 5.	C,G	Ī		Perforated steel casing top to bottom. Report-
25 acres cotton, sweet potatoes and tomatoes.				1			<b>-</b> -
T							
Slope   Reported weak supply from reddish clayey sand from 46 to 74 feet, gravel from 74 to 80 feet, yellow clay 80 to 100 feet, blue shale 100 to 200 feet, "Red Beds" 200 to 236 feet. Drilled 200 feet, "Red Beds" 200 to 236 feet. Drilled 200 feet, "Red Beds" 200 to 236 feet. Drilled 200 feet, "Red Beds" 200 to 236 feet. Drilled 200 feet, "Red Beds" 200 to 236 feet. Drilled 200 feet, "Red Beds" 200 to 236 feet. Drilled 200 feet, "Red Beds" 200 to 236 feet. Drilled 200 feet, "Red Beds" 200 to 236 feet. Drilled 200 feet, "Red Beds" 200 to 236 feet. Drilled 200 feet, "Red Beds" 200 to 236 feet. Drilled 200 feet, "Red Beds" 200 to 236 feet. Drilled 200 feet, "Red Beds" 200 to 236 feet. Drilled 200 feet, "Red Beds" 200 to 236 feet. Drilled 200 feet, "Red Beds" 200 to 236 feet. Drilled 200 feet, "Red Beds" 200 to 236 feet. Drilled 200 feet, "Red Beds" 200 to 236 feet. Drilled 200 feet, "Red Beds" 200 to 236 feet. Reported 200 feet, "Red Beds" 200 to 236 feet. Reported 200 feet, "Red Beds" 200 to 236 feet. Reported 200 feet, "Red Beds" 200 to 236 feet. Reported 200 feet, "Red Beds" 200 to 236 feet. Reported 200 feet, "Red Beds" 200 to 236 feet. Reported 200 feet, "Red Beds" 200 to 236 feet. Reported 200 feet, "Red Beds" 200 to 236 feet. Reported 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet, "Red Beds" 200 feet	448	46		T	Ī	NE	
from 46 to 74 feet, gravel from 74 to 80 feet, yellow clay 80 to 100 feet, blue shale 100 to 200 feet, "Red Beds" 200 to 236 feet. Drilled Reported seldom used. by H. F. Bishop.  450 T.G I do. Steel casing. Reported effects nearby shallow wells when pumping. Irrigates 100 acres.  451 C.G I do. Steel casing. Supplies water for 50 acres. Drilled by H. F. Bishop.  452 T.G, I do. Perforated steel casing. Supplied water for 80 acres of cotton in 1937. Drilled by 80 acres of cotton in 1937. Drilled by 80 by Baker Fump Company.  454 T.G I Gentle Drilled by Bishop.  455 T.G I South Steel casing. Reported capacity 800 gallons a slope minute. Supplies water for 135 acres. Drilled 456 97.5 May 5, T.G I do. Perforated steel casing. by Buck Price. 2-stage pump set at 130 feet; 10 feet suction. Reported irrigated 25 acres of cotton, 1937.  457 100 e/ None I Gentle Unused well. Supply Drilled by Bishop. Insufficient for irrigation. See log. Drilled 458 84.7 May 5, T.G I SW Perforated steel by Bradford Supply Company. Slope casing. Bottom of drop pipe 130 feet. Reported.						slope	
yellow clay 80 to 100 feet, blue shale 100 to 200 feet, "Red Beds" 200 to 236 feet. Drilled 149 30.1 Sept.22, C,H P Gentle slope  450 T,G I do. Steel casing. Reported effects nearby shallow wells when pumping. Irrigates 100 acres.  451 C,G I do. Steel casing. Supplies water for 50 acres. Drilled by H. F. Bishop.  452 T,G, I do. Perforated steel casing. Supplied water for 80 acres of cotton in 1937. Drilled by 80 acres of cotton in 1937. Drilled by by Baker Pump Company.  454 T,G I Gentle Slope  455 T,G I South Steel casing. Reported capacity 800 gallons a slope minute. Supplies water for 135 acres. Drilled 50 minute. Supplies water for 135 acres. Drilled 456 97.5 May 5, T,G I do. Perforated steel casing. by Buck Price. 2-stage pump set at 130 feet; 10 feet suction. Reported irrigated 25 acres of cotton, 1937.  457 100 e/ None I Gentle Unused well. Supply Drilled by Bishop. insufficient for irrigation. See log. Drilled 458 84.7 May 5, T,G I SW Perforated steel by Bradford Supply Company slope casing. Bottom of drop pipe 130 feet. Reported.					1	-	
200 feet, "Red Beds" 200 to 236 feet. Drilled   1937   Sept.22, C,H   P   Gentle   Reported seldom used.   by H. F. Bishop.							
449 30.1 Sept.22, C,H P Gentle slope  450 T,G I do. Steel casing. Reported effects nearby shallow wells when pumping. Irrigates 100 acres.  451 C,G I do. Steel casing. Supplies water for 50 acres. Drilled by H. F. Bishop.  452 T,G, I do. Perforated steel casing. Supplied water for 80 acres of cotton in 1937. Drilled by  453 T,E, I Flat Perforated steel casing. Drilled by  454 T,G I Gentle slope  455 T,G I South slope  456 97.5 May 5, T,G I do. Perforated steel casing. Reported capacity 800 gallons a slope minute. Supplies water for 135 acres. Drilled by  457 100 e/ None I Gentle Unused well. Supply Drilled by Bishop. slope insufficient for irrigation. See log. Drilled by Bishop. slope casing. Bottom of drop pipe 130 feet. Report-				l			· ·
1937   Slope	449	30.1	Sept.22,	C,H	P	Gentle	
450 T,G I do. Steel casing. Reported effects nearby shallow wells when pumping. Irrigates 100 acres.  451 C,G I do. Steel casing. Supplies water for 50 acres. Drilled by H. F. Bishop.  452 T,G, I do. Perforated steel casing. Supplied water for 80 acres of cotton in 1937. Drilled by  453 T,E, I Flat Perforated steel casing. Drilled Bishop. by Baker Pump Company.  454 T,G I Gentle Drilled by Bishop.  455 T,G I South Steel casing. Reported capacity 800 gallons a slope minute. Supplies water for 135 acres. Drilled 456 97.5 May 5, T,G I do. Perforated steel casing. by Buck Price.  2-stage pump set at 130 feet; 10 feet suction. Reported irrigated 25 acres of cotton, 1937.  457 100 e/ None I Gentle Unused well. Supply Drilled by Bishop. insufficient for irrigation. See log. Drilled 458 84.7 May 5, T,G I SW Perforated steel by Bradford Supply Company 1938 slope casing. Bottom of drop pipe 130 feet. Report-						slope	
wells when pumping. Irrigates 100 acres.  451 C,G I do. Steel casing. Supplies water for 50 acres. Drilled by H. F. Bishop.  452 T,G, I do. Perforated steel casing. Supplied water for 80 acres of cotton in 1937. Drilled by 453 T,E, I Flat Perforated steel casing. Drilled Bishop.	450	<b> </b>		T,G	I	<del></del>	Steel casing. Reported effects nearby shallow
451 C.G I do. Steel casing. Supplies water for 50 acres.  Drilled by H. F. Bishop.  452 T.G., I do. Perforated steel casing. Supplied water for 80 acres of cotton in 1937. Drilled by  453 T.E., I Flat Perforated steel casing. Drilled Bishop.  30 by Baker Pump Company.  454 T.G I Gentle Drilled by Bishop.  slope  455 T.G I South Steel casing. Reported capacity 800 gallons a slope minute. Supplies water for 135 acres. Drilled  456 97.5 May 5, T.G I do. Perforated steel casing. by Buck Price.  2-stage pump set at 130 feet; 10 feet suction. Reported irrigated 25 acres of cotton, 1937.  457 100 e/ None I Gentle Unused well. Supply Drilled by Bishop. insufficient for irrigation. See log. Drilled  458 84.7 May 5, T.G I SW Perforated steel by Bradford Supply Company slope casing. Bottom of drop pipe 130 feet. Report-						Ì	
Drilled by H. F. Bishop.  452 T,G, I do. Perforated steel casing. Supplied water for 80 acres of cotton in 1937. Drilled by 453 T,E, I Flat Perforated steel casing. Drilled Bishop. 30 by Baker Pump Company.  454 T,G I Gentle Drilled by Bishop.  455 T,G I South Steel casing. Reported capacity 800 gallons a slope minute. Supplies water for 135 acres. Drilled by Bishop.  456 97.5 May 5, T,G I do. Perforated steel casing. by Buck Price. 1938 2-stage pump set at 130 feet; 10 feet suction. Reported irrigated 25 acres of cotton, 1937.  457 100 e/ None I Gentle Unused well. Supply Drilled by Bishop. 458 84.7 May 5, T,G I SW Perforated steel by Bradford Supply Company 1938 slope casing. Bottom of drop pipe 130 feet. Report-	451			C,G	I	do.	
T,G,   I   do.   Perforated steel casing. Supplied water for 80 acres of cotton in 1937. Drilled by   453     T,E,   I   Flat   Perforated steel casing. Drilled   Bishop.     50   Baker Pump Company.     454     T,G   I   Gentle   Slope     455     T,G   I   South   Steel casing. Reported capacity 800 gallons a slope   minute. Supplies water for 135 acres. Drilled     456   97.5   May   5,   T,G   I   do.   Perforated steel casing.   by Buck Price.     1938   2-stage pump set at 130 feet; 10 feet suction.   Reported irrigated 25 acres of cotton, 1937.     457   100   e/   None   I   Gentle   Unused well. Supply   Drilled by Bishop.     458   84.7   May   5,   T,G   I   SW   Perforated steel   by Bradford Supply Cempany     1938   Slope   casing. Bottom of drop pipe 130 feet. Report-							
40 80 acres of cotton in 1937. Drilled by 453 T,E, I Flat Perforated steel casing. Drilled Bishop. 50 by Baker Pump Company.  454 T,G I Gentle Drilled by Bishop.  455 T,G I South Steel casing. Reported capacity 800 gallons a slope minute. Supplies water for 135 acres. Drilled by Bishop.  456 97.5 May 5, T,G I do. Perforated steel casing. by Buck Price.  2-stage pump set at 130 feet; 10 feet suction. Reported irrigated 25 acres of cotton, 1937.  457 100 e/ None I Gentle Unused well. Supply Drilled by Bishop. slope insufficient for irrigation. See log. Drilled  458 84.7 May 5, T,G I SW Perforated steel by Bradford Supply Cempany 1938 slope casing. Bottom of drop pipe 130 feet. Report-	452			T,G,	I	do.	
453 T,E, I Flat Perforated steel casing. Drilled Bishop.  454 T,G I Gentle Drilled by Bishop.  455 T,G I South Steel casing. Reported capacity 800 gallons a slope minute. Supplies water for 135 acres. Drilled  456 97.5 May 5, T,G I do. Perforated steel casing. by Buck Price.  1938			Į.				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
by Baker Pump Company.  T,G I Gentle Drilled by Bishop.  T,G I South Steel casing. Reported capacity 800 gallons a slope minute. Supplies water for 135 acres. Drilled printed steel casing. By Buck Price.  T,G I South Steel casing. Reported capacity 800 gallons a slope minute. Supplies water for 135 acres. Drilled price.  2-stage pump set at 130 feet; lo feet suction. Reported irrigated 25 acres of cotton, 1937.  To be described irrigated 25 acres of cotton, 1937.  The stage pump set at 130 feet; lo feet suction. Reported irrigated 25 acres of cotton, 1937.  The stage pump set at 130 feet; lo feet suction. Reported irrigated 25 acres of cotton, 1937.  The stage pump set at 130 feet; lo feet suction. Reported irrigated 25 acres of cotton, 1937.  The stage pump set at 130 feet; lo feet suction. Reported irrigated 25 acres of cotton, 1937.  The stage pump set at 130 feet; lo feet suction. Reported steel by Bradford Supply Company slope casing. Bottom of drop pipe 130 feet. Reported steel by Bradford Supply Company slope casing. Bottom of drop pipe 130 feet. Reported steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel steel stee	453			T,E,	I	Flat	
454 T,G I Gentle Drilled by Bishop.  455 T,G I South Steel casing. Reported capacity 800 gallons a slope minute. Supplies water for 135 acres. Drilled to perforate steel casing. by Buck Price.  456 97.5 May 5, T,G I do. Perforated steel casing. by Buck Price.  2-stage pump set at 130 feet; 10 feet suction. Reported irrigated 25 acres of cotton, 1937.  457 100 e/ None I Gentle Unused well. Supply Drilled by Bishop. slope insufficient for irrigation. See log. Drilled to perforated steel by Bradford Supply Cempany slope casing. Bottom of drop pipe 130 feet. Report-				1	İ		· · · · · · · · · · · · · · · · · · ·
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slope minute. Supplies water for 135 acres. Drilled 456 97.5 May 5, T,G I do. Perforated steel casing. by Buck Price. 1938 2-stage pump set at 130 feet; 10 feet suction. Reported irrigated 25 acres of cotton, 1937. 457 100 e/ None I Gentle Unused well. Supply Drilled by Bishop. slope insufficient for irrigation. See log. Drilled 458 84.7 May 5, T,G I SW Perforated steel by Bradford Supply Cempany 1938 slope casing. Bottom of drop pipe 130 feet. Report-						slope	_
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456 97.5 May 5, T,G I do. Perforated steel casing. by Buck Price. 2-stage pump set at 130 feet; 10 feet suction. Reported irrigated 25 acres of cotton, 1937.  457 100 e/ None I Gentle Unused well. Supply Drilled by Bishop. insufficient for irrigation. See log. Drilled 458 84.7 May 5, T,G I SW Perforated steel by Bradford Supply Company 1938 slope casing. Bottom of drop pipe 130 feet. Report-						slope	
2-stage pump set at 130 feet; 10 feet suction. Reported irrigated 25 acres of cotton, 1937.  457 100 e/ None I Gentle Unused well. Supply Drilled by Bishop. slope insufficient for irrigation. See log. Drilled  458 84.7 May 5, T,G I SW Perforated steel by Bradford Supply Company slope casing. Bottom of drop pipe 130 feet. Report-	456	97.5	May 5,	T,G	I	do.	Perforated steel casing. by Buck Price.
Reported irrigated 25 acres of cotton, 1937.  457 100 e/ None I Gentle Unused well. Supply Drilled by Bishop. slope insufficient for irrigation. See log. Drilled 458 84.7 May 5, T,G I SW Perforated steel by Bradford Supply Cempany slope casing. Bottom of drop pipe 130 feet. Report-		1			1		
457 100 e/ None I Gentle Unused well. Supply Drilled by Bishop. slope insufficient for irrigation. See log. Drilled 458 84.7 May 5, T,G I SW Perforated steel by Bradford Supply Cempany slope casing. Bottom of drop pipe 130 feet. Report-		1					
slope insufficient for irrigation. See log. Drilled 458 84.7 May 5, T,G I SW Perforated steel by Bradford Supply Company 1938 slope casing. Bottom of drop pipe 130 feet. Report-	457	100	e/	None	I	Gentle	
458 84.7 May 5, T,G I SW Perforated steel by Bradford Supply Company slope casing. Bottom of drop pipe 130 feet. Report-			1 -			slope	insufficient for irrigation. See log. Drilled
1938 slope casing. Bottom of drop pipe 130 feet. Report-	458	84.7	May 5,	T,G	I		
			, ,		1	slope	
			1				ed dependable supply. Drilled by Faust.

	1			1			<del></del>	Height of
No.	Distance	Sec-	Survey, block	Owner	Date	Denth	Diam_	measuring
110.	from	tion	or league	OWNOI		of		point
	Levelland	i i	Ol Teagre			well		above
	reverrand	labor			ted			ground
		Tabor		•	tea	(16.)		
1/500	301 32-	C	100 66	P P Pobonta	Old	167	(in.)	(ft.) <u>a/</u> 0.2
4/500	$12\frac{1}{2}$ miles			B. B. Roberts	Old	107		0.2
501	west 8½ miles	2007 2007 2007	Hardeman Co. School	T Talla !	1938	160		
OUT		ATTAT LATTER	lge. 67	Tand (	1900	100		
2 /500	west 4 miles		Hardeman Co. School		Old	129	<del> </del>	0.3
₫/30%	4 miles	10,	lge. 71		Ora	123		0.5
45.0 <b>7</b>	northwest	MATNEZ MATNEZ	Val Verde Co. Scho	C. W. Post Est.		120	6	0.5
<u>d</u> /503	$4\frac{1}{2}$ miles	25, SE <del>l</del> SEl	do•	U. W. POSt ESt.		120	0	0.5
2 /504	west	SEZSEZ	3 - 2 70	O M Dhan	1076	170	10	1.2
<u>d</u> /504	2 miles	9,	lge. 72		1936	170	18	1.2
F.O.F.	west	SW表NW表	Val Verde Co. Scho	ol Land	03.3	3.57	<del> </del>	1 7
505	4호 miles	11,	lge. 69	Montgomery &	Old	153		1.3
	west		Val Verde Co. Scho	ol Land Hutton	~	1.55	ļ	<u> </u>
511	$5\frac{1}{4}$ miles	4,		Samson Tire &	01d	185		0.9
	west	NE-NW-	Rains Co. School I	and Rubber Co.				
512	6½ miles	10,	lge. 43	J. A. Hill	Old	131		0.4
\	west	MN字MM	cor. Rains Co. Scho	ol Land				
513	7 miles	41,	lge. 68	W. T. Cobel	Old	159		0.8
	west	NW-SE-	Hardeman Co. School	l Land				
a/514	8½ miles	5,	lge. 43	E. Williams	Old	166		0.9
	west	MM <sup>‡</sup> MM:∓	Rains Co. School I	and		<u> </u>		
d/515	$10\frac{1}{4}$ miles	28,	lge. 65	T. Coble	01d	152		3.4
<b>*</b>	west	SE <sup>1</sup> SE <sup>1</sup>	Hardeman Co. Schoo	l Land				
516	7분 miles	13.	lge. 43	Rains County	Old	142		
	southwest	SE <sup>1</sup> SE <sup>1</sup>	Rains Co. School I	and				
521	5 miles	8,	lge. 44	W. T. Johnson	1928	160		
	southwest	SELSEL	Rains Co. School I	and				
d/522	$5\frac{1}{4}$ miles	19,	₫o∙	C. E. Ratliff	Old	125		0.5
'	southwest							
523	4 miles	11,	do.	L. E. Plunkett	Old	160		0.3
	southwest	NW-NE-						
524	3 miles	5,	lge, 30	Texas Land &	Old	120		
			Baylor Co. School					
525	$1\frac{3}{4}$ miles	3,	do.	J. Schroer	Old	136		1.0
	southwest	NW-NE-	Į.					
526	la miles	25,	lge. 28	C. Smith	1937			
-			Hood Co. School La					
$\frac{1}{6}/527$	2 miles	1,	lge. 30	J. A. Stroud	01d	106		0.6
<u>u</u> / 0~1			Baylor Co. School		-1-	-00		
528	3½ miles	20,	do.	J. T. Wood	01d	123		1.3
020	south	NE <sup>1</sup> NE <sup>1</sup>	1	0. 1. "OGG	Olu	1 -20		1
520	7 miles	25,	lge. 44	C. B. Edgar	1935	130	5	
000			Rains Co. School I		1300	100	"	
5/3/	8를 miles	9,	lge. 42	F. E. Ivey		131		0.7
<i>00</i> ±			Rains Co. School I			101		1
670			lge. 31	H. C. Bowlin	Old	125	<del> </del>	<del>                                     </del>
559	$5\frac{1}{4}$ miles	8,			OTG	120		1.1
EAA	south		Baylor Co. School		013	100	<del> </del>	
544	$6\frac{3}{4}$ miles	22,	do.	Commerce Trust	Old	109		
F- 4 F-	south	MA于MA子	3 21	Co.	03.3	742	<b> </b>	<del> </del>
545	74 miles	5,		Mallett L. & C.	Old	140		0.8
	southwest	NVラNWま	Concho Co. School	Land Uo.		<u> </u>	[	<b>i</b>

			i joe v	V. Lang	g of the	Texas Board of Water Engineers
	Water	r le <b>v</b> el				
No•	Depth	Date of	Pump	Use	Topo-	Remarks
	;	measure-	-	of	graphic	
	measu	•	power	i		
	1			1,		
	ing po		<u>b</u> /	<u>c</u> /	tion	
	(ft.)					
500	146.4	July 13,	C,N	N	Slight	Unused well.
		1939		}	rise	
501		<u>e</u> /	T,G,	I	Flat	Reported capacity 85 gallons a minute.
001		<u> =</u> /	85	_	1100	hoportou oupdoitty of Barrons a minutor
500	107.0	<del>-</del> 1 - 10		37	T 1	TT 3 777 1 3 777 1 3 7 7 7 7 7 7 7 7 7 7 7
502	T02.8	July 12,	None	N	Lake	Unused well. Water level, 103.8 on Aug. 9,
		1939				1939; same on Sept. 14, 1939.
503	102.0	June 21,	C,W	D,S	Gentle	Reported dependable supply.
		1937		•	slope	
504	113.5	June 19,	T,G,	I		Estimated yield, 500 gallons a minute. Pump
004	110.0	1937	28	1 -	111111000	· · · · · · · · · · · · · · · · · · ·
	1200 7				13.1.0	set at 120 feet. Drilled by Morgan.
505	126.1	July 25,	C,W	S	Ridge	Estimated yield, 2 gallons a minute when mea-
		1939			of lake	sur-mert was maie. Reported strong supply.
511	148.7	Mar. 27,	C,W	D,S	Gentle	Reported weak supply. With strong wind well
		1939		1	slope	will pump ary in two hours.
510	191 0	Mar. 31,	C,W	70		
SIS	121.9	1	, v, v	D,S	Flat	Reported strong supply.
		1939				
513	147.3	Mar. 30,	C,W	D,S	do.	Reported weak supply.
		1939				
514	154 9	June 30,	C.W	D,S	Ridge	Unused well at present. Reported strong
OTA	104.3		, "	ט,ט	1	
		1939				supply.
515	144.3	do.	None	N	Flat	Unused well.
516	129.4	Mar. 30,	C,W	D,S	do.	Reported strong supply.
0.10		1939	,	, , , ,		1.0ber.org 2.10-10 2.10ber.org
5.01	13.00	<del></del>	C,W	D 6		Water and it 170 feet Departs 3 feet
OSI	120	<u>e</u> /	U, W	D,S	do.	Water sand at 130 feet. Reported strong
						supply. Two wells 0.3 mile north reported dry
522	116.2	Mar. 27,	C,W	N	Lake-	Unused well. at 190 and 206 feet.
		1939			side	Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Construction of the Constr
523	121.8	Mar. 22,	C,W	D,S	Flat	Reported strong supply.
Jau	\$	1939	,"	1,5	1.100	Inchained anious arbbil.
			0 10	1 2 2		
524	95	e/	C,W	D,S	Gentle	Do.
	1				slope	
525	1116.4	do.	C,W	D,S	Flat	Do.
2.20		1	, ,	1	1	
500		-	T,G,	<del> </del> I	do.	Fatimated wield 500 acillons a minute
526				<b>1</b>	40.	Estimated yield, 500 gallons a minute.
	alama and an and an an an an an an an an an an an an an	<u> </u>	85	<b></b>		
527	: 34.3	Mar. 17,	C,W	N	do.	Unused well at present.
	*	,1939				_
520	11.79	e/	C,W	D,S	do.	Reported strong supply.
J&0	2.29	1 =/	`,"	را, ل	1 40.	Tropor non parais prints.
-		}	<del> </del>	<del> </del>	<del> </del>	
529	11.10	<u>e</u> /	C,W	D,S	do.	Do.
					1	
		<u>e</u> /	C,H	D,S	Gentle	
534	1120		,	-,-	slope	
534	120	1 -	1		larohe	
			<u> </u>	<del> </del>	1	
		Mar. 23,	C,W	D,S	Flat	Reported strong supply.
			C,W	D,S	Flat	Reported strong supply.
539	106.9	Mar. 23,				
		Mar. 23,	C,W	D,S	Lake-	Reported strong supply.  Do.
539 544	106.9	Mar. 23, 1939	C,W	D,S	Lake- side	Do.
539 544	106.9	Mar. 23, 1939 do. July 31,			Lake-	
539 544	106.9	Mar. 23, 1939	C,W	D,S	Lake- side	Do.

		ne.	cords of wells in f	fockley County-+Con	HOTHU	ou.		
No•	Distance from Levelland		Survey, block or league	Owner	com-	of well	eter of	above
		labor			ted	(ft.)	well (in.)	ground (ft.) a/
546	84 miles	18,	lge. 41 Maverick Co. School	Mary Davis	Old	162		1.7
547	ll miles	49,	lge. 39	E. M. Cain	Old	155		1.1
<u>d/548</u>	13 miles	76,	Maverick Co. School lge. 38	Alice Sue	01d	148	<del> </del>	0.1
549	15g miles	5,	Zavala Co. School blk. X	Mallett L. & C.	Olá	152	+	0.3
550	13 miles	75,	Public School Land	A. A. Slaughter	1939	140		0.3
<u>d</u> /551	south $10\frac{1}{4}$ miles	25,	cor. Zavala Co. Sci	Mallett L. & C.	1938	177	5	0.1
1/552	south 8 miles	8,	Concho Co. School	Land Co.	01d	126		0.7
553	south 84 miles	SE≟NW½ 16,		G. Thorp	Old	122		0.3
	south 93 miles	SW <u></u> 2NW2 22,	Baylor Co. School	Land J. F. Daniel	01d	135	<del> </del>	0.7
	south 8 miles	SE <sup>1</sup> SW <sup>1</sup> / <sub>4</sub>	do.	Paxton Gin Co.	Old	146	<del> </del>	0.5
	south 72 miles	SE <sup>1</sup> SE <sup>1</sup>		Mrs. B. Palmer	Old	113	<del> </del>	0.9
_	south 7 miles	NW4SW4	do.	C. C. Williams	01d	152	<del> </del>	1.7
	south $5\frac{1}{2}$ miles	SWESWE		et al W. May Jones	01d	126		1.1
_	south	15, NW¦NE}	Baylor Co. School	Land				
	$5\frac{1}{4}$ miles south	6, NW4SW4		City National Bank	1923	108		0
	44 miles south	3, SW <del>l</del> SWl	đo•	S. B. Bardwell	Old	130	<b>-</b> -	
572	$6\frac{1}{4}$ miles south	20, NEINEI	do.	Baylor County		125		1.0
573	5 miles south	5,	lge. 25 Wharton Co. School	J. S. Branch Land		137		0.6
574	3 miles south	11,	lge. 29 Garza Co. School l	T. P. Hill	Old	153		1.3
575	$2\frac{5}{4}$ miles south	13,	lge. 29 Sutton Co. School	Mallett L. & C.	Old	125		
576	2 miles south	2,	lge. 29 Hood Co. School La	M. L. Goolsby	1937	172	15½	
577	$\frac{3}{4}$ mile south	17,	lge. 28 Hood Co. School La	J. L. Smallwood	Old	109		1.2
d/584		8,	do.	City of Levelland	1930	185	10	
<u>d/585</u>		do•	do.	₫o•	1927	185	12	
586	1 mile	21,	lge. 733	F. Tegart	1921	116		0.3
<u>d</u> /587	north 2 miles	13,	State Capitol Land	Texas Land &	1923	105		0.4
₫/588	north 2 miles	SEZSEZ 11,	do.	Mortgage Co. J. Bolf	1939	151		
	north	MM-TNN-∓						

Nater level   Depth Date of below measure		and Joe W. Lang of the Texas Board of Water Engineers												
below measure   and   or   sraphic   measure   ment   by   of   stituation   pount   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation   of   stituation														
measur	No•					Topo-	Remarks							
inp point		below	measure-	and	of	graphic								
16		measu:	r- ment	power	water	situa-								
1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939   1939		ing p	oint	<u>b</u> /	<u>c</u> /	tion								
1939					_									
138   1 Apr. 1   0, W	546	125.8	Mar. 27,	C,H	D	Flat	Reported strong supply.							
1939														
Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Sect	547	138.1	Apr. 1,	C,W	D,S	In draw	Do.							
1939														
1939	548	138.5	do.		N	Flat	Unused well.							
1939														
19.0   19.1   July 28, C.G   Ind   In draw   Complete recovery of 1.7 feet in 17 minutes   after reported pumpage of 60 gallons a minute   1939   do.   C.G   Ind   Flat   Used for drilling oil well.   for 56 hours.	549	145.8	July 10,	C,W	S	Gentle	Reported seldom used.							
1939			1939			slope								
S51   121.7   do.   C.G   Ind   Flat   Used for drilling oil well.   for 56 hours.	550	119.1	July 28,	C,G	Ind	In draw	Complete recovery of 1.7 feet in 17 minutes							
Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   S			1939				after reported pumpage of 60 gallons a minute							
Siege   Sent.   Siege   Sent.   Siege   Sent.   Siege   Sent.   Siege   Sent.   Siege   Sent.   Siege   Sent.   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Sieg	551	121.7	₫o•	C,G	Ind	Flat								
Siege   Sent.   Siege   Sent.   Siege   Sent.   Siege   Sent.   Siege   Sent.   Siege   Sent.   Siege   Sent.   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Siege   Sieg							-							
Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Sent.   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slope   Slop	552	101.9	do.	C,W	S	Gentle	Reported strong supply. Unused well at pre-							
Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution				1		slope	,							
1939	553	111.4	July 31,	C,W	D,S		<u> </u>							
1339							-1 - 3 11 0							
1339	554	126.5	July 28.	C,W	D,S	do.	Reported strong supply. Unused well at pre-							
Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Sect				<b>1</b>										
December 2   December 3   December 3   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   December 4   Dec	555	113.7	do.	C.W	Ind	do.	<u> </u>							
1939   of lake 1939 and on July 27, 1939.				,			- CP - C - C - C - C - C - C - C - C - C							
1939   of lake 1939 and on July 27, 1939.	556	108.3	Mar. 23.		N	Ridge	Unused well. Water level 108.2 on May 12.							
557   135.9   do.			,											
The late	557	135.9		<del> </del>	И									
Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Septite   Sept	00.		401				100							
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570         104         g/         C,W         D,S         Lake-side         Reported strong supply. Caliche from surface to 102 feet; hard rock from 106 to 108 feet;           571         97         g/         C,W         D,S         Flat         Reported water sand from 108 to 128 feet.           572         112.1         July 31, C,W         D,S         do.         Do.           573         116.2         Sept.12, C,W         D,S         do.         Do.           574         123.3         do.         C,W         D,S         Hilltop         Do.           575         100         g/         C,W         D,S         Flat         Do.           576          T,G, I         do.         Estimated yield, 700 gallons a minute. Drilled by M. L. Morgan.           577         78.4         Sept.12, C,W         S         Slope to lake         Reported strong supply.           584         90         g/         T,E, S         Flat         Steel casing. Drawdown reported 4 feet after pumping 30 minutes at 390 gallons a minute.           585         90         g/         T,E, S         do.         Steel casing. Drawdown reported 14 feet after pumping 30 minutes at 500 gallons a minute.           586         89.5         Mar. 24, C,W         D,S <td>002</td> <td></td> <td></td> <td>,</td> <td></td> <td>5 -</td> <td></td>	002			,		5 -								
Side   to 102 feet; hard rock from 106 to 108 feet;	570	104	e/	C.W	D.S	<del></del>								
571         97         g/         C,W         D,S         Flat strong supply.           572         112.1         July 31, C,W         D,S         do. Do. Do. Do. 1939           573         116.2         Sept.12, C,W         D,S         do. Do. Do. Do. Do. 1939           574         123.3         do. C,W         D,S         Hilltop Do. Do. Do. Do. Do. Do. Do. Do. Do. Do.	0,0	1	<u> </u>	","	,	1								
Strong supply.	571	97	e/	G.W	DS		<del>(</del>							
12.1   July 31,   C,   D, S   do.   Do.     1939   573   116.2   Sept.12,   C, W   D, S   do.   Do.     1939   574   123.3   do.   C, W   D, S   Hilltop   Do.     575   100   e/   C, W   D, S   Flat   Do.     576       T, G,   I   do.   Estimated yield, 700 gallons a minute. Drilled by M. L. Morgan.     577   78.4   Sept.12,   C, W   S   Slope   to lake     584   90   e/   T, E,   S   Flat   Steel casing. Drawdown reported 4 feet after     585   90   e/   T, E,   S   do.   Steel casing. Drawdown reported 14 feet after     586   89.5   Mar. 24,   C, W   D, S   do.   Reported strong supply.   Drilled by Hays.     587   93.1   do.   C, H   N     Unused well at present.     588   57   Mar. 17,   T, G   I   Gentle   Steel casing. Reported drawdown 17 feet after     50   Steel casing. Reported drawdown 17 feet after     50   Steel casing. Reported drawdown 17 feet after     50   Steel casing. Reported drawdown 17 feet after     50   Steel casing. Reported drawdown 17 feet after     50   Steel casing. Reported drawdown 17 feet after     50   Steel casing. Reported drawdown 17 feet after     50   Steel casing. Reported drawdown 18 feet after     50   Steel casing. Reported drawdown 18 feet after     50   Steel casing. Reported drawdown 18 feet after     50   Steel casing. Reported drawdown 18 feet after     50   Steel casing. Reported drawdown 18 feet after     50   Steel casing. Reported drawdown 18 feet after     50   Steel casing. Reported drawdown 18 feet after     50   Steel casing. Reported drawdown 18 feet after     50   Steel casing. Reported drawdown 18 feet after     50   Steel casing. Reported drawdown 18 feet after     50   Steel casing. Reported drawdown 18 feet after     50   Steel casing. Reported drawdown 18 feet after     50   Steel casing. Reported drawdown 18 feet after     50   Steel casing. Reported drawdown 18 feet after     50   Steel casing. Reported drawdown 18 feet after     50   Steel casing. Reported drawdown 18 feet after     50   Steel casing. Reported drawdown 18 feet after	0/1	"	) <u>=</u> /	] ,,,,	,,,	1140								
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116.2   Sept.12,   C,W   D,S   do.   Do.	UTE	1 + 2 - 1		,	2,5	uo.	DO.							
1939   574   123.3   do.   C,W   D,S   Hilltop   Do.	573	116.2	<u> </u>	C W	DS	do.	Do.							
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Text   Sept.12,   C,W   S   Slope   Reported strong supply.	210				-	40.								
to lake    1939	Enn	70 /	Cort 10			97000								
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1939   slope 30 minutes pumping at 600 gallons a minute. 40	587	30.1	40.	U,H	IN IN		Tonused well at present.							
1939   slope 30 minutes pumping at 600 gallons a minute. 40	E00	50	Mon 17	<u> </u>	<del>                                     </del>	Contin	Chool coning Depoted by when 10 and 01							
	ರಿಕರ	37		1,4	1 1	1								
			TA9A			stobe								
		1	L	<u> </u>	<u> </u>	1	lacres irrigated in 1908; 17 acres in 24 hours.							

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<b>™</b> •	Distance	000	Cumron blook	0	Data	Domeh	Diam	Height of
$No \cdot$	Distance		Survey, block	Owner			7	measuri:
	from	tion	or league		com-	1	eter	point
	Levelland				_	well	of	abov.
		labor			ted	(ft.)	well	ground
/F.O.O.	1				3.000	3.70	(in.)	(ft.) n/
₫\288	$l_{4}^{1}$ miles	21,	lge. 733	T. E. Finley	1937	172		0
- /F: 0.0	north	NE-NE	State Capitol Land		7.050			
₫\pa0	$1\frac{1}{2}$ miles	25,	lge. 734	H. W. Walker	1939	204		
	northeast	NWASEZ	State Capitol Land			000		
531	3 miles	20,		Mrs. R. E. Glover		200		
3/500	northeast 32 miles		lge. 735	B. F. Crawford	1936			
<u>a</u> /592		15,		1	T900			
507	5 miles	DW COL	State Capitol Land	T. E. Barton	01d	81	<del> </del>	0.8
595		8,	do.	1. E. Darcon	OTa	OT		0.0
504	northeast 5½ miles	2M22M2	3.	V. J. Williams		85		0.6
594	os mires	12,	_do•	i v. J. WIIIIgus		00		0.0
7/600	northeast 7 miles	DMZDTI	blk. A	J. H. Goodpasture	1035	150	<b></b>	
₩ 900	east	4,	Public School Land	1. II. Goodpasture	Tagg	150		
	east	MEGIN E	Public School Land					ļ
7801	6 miles	3,	do.	do.	1936	150		
- COT	east	SE <del>l</del> nwł		u0•	1300	100		<del></del>
/502	7 miles		lge. 17	T. J Davis	1937	158	14	
,-/ JUE	~	10,	Wichita Co. School		1,501	100	14	
- <u>- 03</u>	east 5½ miles	14EZ DW4	do.	E. A. Hankins	1936	173		
000	east	7, SW <sup>1</sup> SE <sup>1</sup>	ao.	p. W. Hallpring	1300	1,0		
604	$4\frac{1}{2}$ miles		do.	H. Goodpasture	Old	122		0.2
00	east	6, NW <sup>1</sup> NW <sup>1</sup>	40.	in. Goodbaseare	Olu	122		0.2
606	3 miles		lge. 27	Montgomery &	1934	110		0.6
050	east	8,	Hood Co. School La	monregomery or	1304	110		0.0
1/619	la miles	5,	go.	G. C. Beasley		112	<b>—</b>	0.9
₹\ 0±2	east	SW <del>l</del> SW분		G. C. Deabley		1110		
628	$3\frac{3}{4}$ miles	29,	lge. 27	C. M. Wyatt		118	<del> </del> _	0.8
040	east	mulau1	Lamar Co. School I	and		110		0.0
629	5 miles	25,	lge. 17	T. F. Cox		115		1.1
	east	SE <sup>1</sup> SE <sup>1</sup>	Wichita Co. School					1
$\frac{1}{630}$	6 miles	18,	do.	G. E. Harshbarger	014	75		0.9
<u> </u>	east	NEZSEZ		1 2 1101 1110 11501	J			0.3
631	$6\frac{5}{4}$ miles	22,	do.	D. A. France	1936	185		
	east	W. FMY F		110 - 101100	1200	-50		
632	7 miles	13,	lge. 18	I. L. Elwood Est.	Old	101		0.8
	southeast							
633	$5\frac{3}{4}$ miles	7,	do.	E. M. Dennis	1937	165		1.1
	southeast	SW-NW-						
634	44 miles	19,	lge. 26	W. F. Favor	1938	167		1.0
	southeast			Name of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control o				
635	$6\frac{3}{4}$ miles	24,	lge. 18	I. L. Elwood Est.		117		0.3
	southeast	NEENW	Wichita Co. School					
636	$5\frac{3}{4}$ miles	8,	lge. 25	A. N. Turner		135		0.6
_	southeast	NEFINA						
642	7분 miles	13,	lge. 19	E. Garrison	01d	125		0.3
		NW-NW-	Wichita Co. School					
643	8월 miles	1,	do.	D. N. Birdsong		108	<del> </del>	0.8
	southeast	NN.÷NM÷						
650	$8\frac{3}{4}$ miles	3,		I. L. Elwood Est.	01 <b>d</b>	123		1.1
	southeast		Wichita Co. School			]	1	
		T			<del></del>		<del></del>	

		and	d Joe V	W. Lang	g of the	Texas Board of Water Engineers
	Wate:	r level				
.¥0•	Depth	Date of	Pump	Use	Topo-	Remarks
	below	measure-	and	of	graphic	
	measu:	r- ment	power	water	situa-	
	ing po		ρ\	್ರ/	tion	
589		Mar. 17, 1939	Т,G,	I	Flat	Reported yield, 500 gallons a minute.
590				I	Gentle slope	See log. Drilled by M. L. Morgan.
591	160	<u>e</u> /	C,W	D,S		Reported strong supply.
592				I		Unused well. Supply insufficient for irrigation.
593	75.3	July 22, 1939	C,W	D,S	Flat	Reported strong supply.
594	74.6	Sept.11, 1939	C,W	D,S	do.	
600	84.0	<u>e</u> /	T	I	Ridge- top	Reported yield, 500 gallons a minute from fine red quicksand from 135 to 148 feet. Irrigated 100 acres in 1935; 120 acres 1936 and 120 acres
601			None	N	Gentle slope	Unused well. Supply insufficient in 1937. for irrigation.
602	88	<u>e</u> /	T,G, 85	I	₫o.	Perforated steel casing. Estimated yield, 500 gallons a minute. Drilled by Morgan.
603	90	<u>e</u> /	Т,G,	I	₫o.	Reported yield, 700 gallons a minute.
604	96.5	June 1, 1939	C,W	D,S	Flat	Reported strong supply.
605	92.5	do.	C,W	D,S	Gentle slope	Do.
ċ19	93.0	Mar. 17, 1939	C,W	N	Flat	Reported strong supply. Unused well at present.
<u> მ28</u>	108.3	Sept. 7, 1939	C,W	D,S	do.	Reported strong supply. Water level rose 0.2 foot from May, 1939 to August 1939.
629	91.8	Sept.12, 1939	C,W	D,S	do.	Reported strong supply.
630	73.4	July 27, 1939	C,W	D,S	In draw	Do.
631			T,G	I	Hilltop	Estimated capacity 200 gallons a minute.
632	89.9	Sept. 6, 1939	C,W	D,S	Flat	Reported strong supply. Water sands reported at 108, 128 and 157 feet.
633	108.1	₫o.	C,W	D,S	do.	Do.
634	123.3	May 17, 1939		D,S	do.	Do.
635	104.5	Sept. 5, 1939	C,W	D,S	Lake- side	Do•
636		Sept. 7, 1939		D,S	Flat	Reported weak supply.
642		Sept.12, 1939	C,W	D,S		Reported strong supply.
643	1	Sept. 5, 1939		D,S	Flat	Do.
650	101.9	June 16, 1939	C,W	D,S	do.	Do.

				<u> </u>		[		Height of
No.	Distance	Sec-	Survey, block	Owner	Date	Depth	Diam-	measuring
	from	tion	or league		com-	of	eter	point
	Levelland	or		,	ple-	well	of	above
		labor			ted		well .	ground
						1	(in.)	(ft.) a
651	7호 miles	16,	lge. 19	J. L. Williams	~-	214		
	southeast	SE4SE4	Wichita Co. School	Land				
652	$7\frac{1}{4}$ miles	23,	lge. 25	S. B. Bardwell		120		0.9
	southeast	NEWNE	Wharton Co. School	Land				
653	8 miles	5,	1ge.20	I. L. Elwood Est.		125		0.2
		NE; NE;	Wichita Co. School					
662	10 ਦੇ miles	20,	do.	J. B. Comer	~-	122		1.1
	southeast							
670	10 miles	18,	do.	I. L. Elwood Est.		97		0.5
	southeast							
d/671	$9\frac{1}{4}$ miles	19,	lge. 21	J. C. Whaley	1938	85		0.4
	southeast		McCulloch Co. Scho	ol Land				
672	104 miles	18,	do.	do.	Old	140		0.8
	southeast	SW-NE-						
d/673	lla miles	17,		J. D. Tomlinson	Old	96+		2.2
<del></del>	southeast	SE <sup>1</sup> SE <sup>1</sup>	McCulloch Co. Scho	ol Land				
674	12 miles	4,	lge. 23	W. F. Vernon	1936	185		
	south	NE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub>	McCulloch Co. Scho	ool Land				
675	12 miles	20,	lge. 22	W. H. Sill		140		
٠, <b>٠</b>			McCulloch Co. Scho					
d/676	13 miles	26,	do.	J. E. Alexander	Old	107	<del> </del>	0.1
₩ 0.0	southeast	SWISWI	401	or a madranaor	02.4			0.2
d/677		26,	do.	G. W. Lewis Est.	Old	106		
<u></u>	1 233	SEINE	<b>40</b> -					
d/678	$12\frac{1}{4}$ miles		lge. 4	R. Sides	Old	89		0.1
	east		Jones Co. School I				1	Ů.,
679	12 miles		do.	C. Turner	1928	79		
	east	NE <sup>1</sup> SE <sup>1</sup>						
680	$11\frac{1}{2}$ miles		do.	G. M. Wynn		110		
	east	NW_NW_					1	
d/681	$11\frac{1}{4}$ miles	1,	lge. 16	W. L. Elwood	1938	1004	<del> </del>	
	east		Howard Co. School		1000		1	
d/682	$9\frac{3}{4}$ miles				1938	170	41/2	
	east							
683	$8\frac{3}{4}$ miles	10,	lge. 736	V. J. Williams	Old	83		0.5
	east	SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub>	_6-		_			
703	$14\frac{1}{2}$ miles	7,	blk. A	M. V. Vermillion	Old	104		0.6
	east	SW1SW1						
d/709	16 miles	$NW_{4}^{1}SW_{4}^{1}$	128	Jack Mullin	1938	150		
	east	-···4~''4	G. S. Farris sur.	The same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the sa			}	
710		do.	do.	₫o.	1931	126		~
ن ــ ن	40.		407			1 -~~		
d/212	$14\frac{1}{2}$ miles	6,	lge. 2	P. & S. F. R. R.			<del> </del>	1.5
₩ (T)	east	SWIETI	Jones Co. School I					1.0
d/799	$15\frac{1}{4}$ miles	りないのな	do.	Arnett & Duggan	Old	98		
7 100	east	23, NEŻNWŻ	u.o.	THE OF THE RESTRE	O±u	30		
792	14 miles		lge. 3	E. G. Smith	1924	117		0.5
123	east		Jones Co. School I		136 <del>4</del>	TT,		1
	: cast	NETNET:	FOURS OF PCHOOL F	igit(t)		l	1	1

			l Joe V	W. Lang	g of the	Texas Board of Water Engineers
	Water	rlevel				
No.	Depth	Date of	Pump	Use	Topo-	Remarks
		measure-	and	of	graphic	• • •
	measu	•		water	:	
	ing po				i .	
	(ft.)		<u></u> ₽/	<u>c</u> /	<b>t</b> ion	
651		<del></del>		I	Cartia	D
POIT	103	<u>e</u> /	T,G	7	Gentle	Reported drawdown 6 feet at 600 gallons a
					slope	minute. Drilled by Alterman.
652	114	May 17,	C,H	D	Flat	Unused well at present.
		1939				
653	108.6	Sept.12,	C,W	D,S	₫o•	Reported strong supply.
		1939				
662	109.6	Sept. 5,	C,W	D,S	Gentle	Do.
		1939	<b>'</b>	ĺ	slope	
670	84.5	Sept. 8,	C,W	D,S	Lake-	Do.
		1939	,	,,,	side	
671	96.7	July 26,	None	N	Gentle	Seismograph shot hole.
., <u>.</u>	00.7	1939	MOHE	1/	1 - 1	Dergmograph and note.
372	117 0		O 777		slope	77
372	TT3.0	July 25,	C,W	S	Flat	Reported strong supply.
		1939	<u> </u>			
673	96.0	July 21,	None	N	₫o•	Unused.
		1939				
674	75	e/	T,G	I	Hilltop	Reported drawdown 25 feet at 650 gallons a
		_				minute with rapid recovery. Main supply re-
			İ			ported from sand at about 100 feet below 15
675			T,G	Ī	Flat	Reported capacity 300 to feet of hard rock.
:			1			400 gallons a minute.
676	89.9	July 27,	None	N	do.	Unused.
0,0	0313	1939	110110	-	40-	onugod.
677	04.7	July 21,	None	N	do.	Unused well. Water level unchanged on
077	34.1		Mone	14	40.	•
200	F0 F	1939	0.79	1 n a	2 12	September 5, 1939.
678	70.7		C,W	D,S	Gentle	Reported strong supply.
		1939			slope	
679	62	<u>e</u> /	C,W	D,S	do.	Do.
		<u></u>	<u> </u>			
680	85	e/	C,W	D,S	Flat	Do.
681	85.4	June 22,	None	N	do.	Drilled for seismograph shot hole. New used
		1938		1		as observation well. Water level 85.0 on
						August 7, 1939. Set 2-inch pipe with measuring
						point 1.3 feet above ground August 14, 1939.
						Water level, 86.2 on August 14, 1932; 86.1 on
382			None	N	<del> </del>	Seismograph shot hole. Re- Sept. 7, 1939.
ىمەر	1		1,0116	1 "		ported flow of water from 150 feet. See
383	77 4	June 1,	C,W	D,S	Flat	
೧೮ <b>೦</b>	1 11.4	1	·,w	۵,۵	LTOIL	Reported strong supply. driller's log.
	<del> </del>	1939	1 0	+==	77.22	
703	81.7	May 29,	C,W	D,S	Hilltop	Do.
		1939		<u> </u>		
709		<b></b>	None	I	Flat	Water sand from 110 to 130 feet. Yellow clay
			<u> </u>			at 150 feet. Supply insufficient for irriga-
710	109	e/	C,W	D,S	do.	Reported strong supply. tion.
		1 -	1		1	
717	105.4	Mar. 14,	С	RR	do.	Water level 104.7 on July 20, 1939; unchanged
		1939	1		-	one month later.
22	79.6	Mar. 27,	C,W	N	do.	Reported strong supply. Unused at present.
2	1	1939	1 ,,,,	"	1	1
23	00 0	Aug. 31,	C,V	D,S	do.	Reported strong supply.
20	33.0	1 -	1 ,,'	1 2,0	1 40	Inchor and Batone Bahhra.
	L	1939				

				i				Height of
No•	Distance	Sec-	Survey, block	Owner	Date	Depth	Diam-	measuring
	from	tion	or league	•	com-	of	eter	point
	Levelland	or			ple-	well	of	above
		labor	-		ted	(ft.)	well	ground
							(in.)	
724	16 miles		lge. 3	F. E. Hill	1928	106		1.4
	east	NE-NE	cor. Jones Co. Scho	ool Land				
d/729	15 miles	5,	lge. 7	W. J. & Jno.	1930	5,080		
	southeast	NM FNM F	Wilbarger Co. Scho	ol Land Spikes				
d/730	$13\frac{3}{4}$ miles	5,	blk. I	A. L. Lockett	1937	5,260		
	south		Public School Land					
d/731	13 miles	12,	blk. X	M. G. Gordon	1938	5,074		
	south	NY: - NW -	Public School Land					
d/732	$14\frac{1}{4}$ miles	74,	lge. 35	A. A. Slaughter	1938	5,096		
<b></b>	south	W.⊤MM-	Zavala Co. School	Land				
d/733	13 miles			do.	1938	5,015		
paragraphic distribution of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the cont	south	SEZSEZ	Zavala Co. School	Land				
d/734	$12^3_4$ miles	51,	do.	do.	1938	4,973		
	southwest	SW1SW1						
d/735	145 miles			Mallett Land &	1938	5,034		
	southwest		Public School Land	Cattle Co.				
d/736	ll4 miles			Sue Alice	1938	4,994		
<u>'</u>			Maverick Co. School					
737	$9\frac{3}{4}$ miles			Elwood Est.	Old	110	+ 6	
	east	SE <sup>‡</sup>	Howard Co. School				)	
738	10 miles		lge. 15	do.	Old	110	6	1.0
	east	SW <sup>1</sup> SE <sup>1</sup>	Howard Co. School					
739	7 miles		lge. 18		1928	110	+ 6	
			Wichita Co. School				-	
740	10 miles			Elwood Est.	Old	110	+ 5	
	east		Howard Co. School					
d/741	9½ miles		lge. 19			106	6	0.4
		cor SE	Wichita Co. Schoo	l Land				
d/742	$ll^{\frac{1}{2}}$ miles	23,	lge. 14		Old	124	6	2.0
			Howard Co. School					
743	$13\frac{1}{4}$ miles		lge. 5	do.		105	6	1.0
	southeast	SE	Wilbarger Co. Scho	<del></del>				
d/744	do.	21,	lge. 13	U.S.D.AFarm	1937	132	6-	
		NE <sub>4</sub> W <sub>2</sub>	Howard Co. School		•		5/8	
		∓ ~					•	
745	13 miles	22,	do•	do.	1937	119	6-	
	southeast	SW					5/8	
		± ~						
d/746	$12\frac{1}{2}$ miles	23,	do.	do∙	1937	133	6-	
	southeast	SELE					. 5/8	
:		3 E					·	
d/747	12 miles	24,	do.	do.	1937	125	6-	
	southeast						5/8	
		~				1	ĺ	

					-	Texas Board of Water Engineers
	Wate	r level	T COO .		l viio	Total Double of Metol Digitions
Yo.	1	Date of	Pumn	Use	Торо-	Remarks
,,,,,		measure-		of	graphic	i
	measu		power	1		
	i		1 - ,		tion	
	ing point (ft.)		<u>b</u> /	<u></u>	61011	
724		May 17,	C,W	D,S	Flat	Reported strong supply. Drilled by DePaul.
164	01.0		∪, w	ס, ע	Flat	Reported strong supply. Drifted by beraul.
729		1939				1943 to the December 3 all the 2 of GCG Apple Con-
729						Oil test. Reported altitude, 3,363 feet. See
770	<b>]</b>	,	<b></b>	<u> </u>		log. Drilled by World Oil Company Inc.
730						Oil test. See log. Drilled by F. A. Bates.
F1 (7.3	ļ		<b></b>			Oil had Decaded allitude 7 510 food Coo
731				~		Oil test. Reported altitude, 3,510 feet. See
~~~	<b> </b>					log. Drilled by Gulf Oil Corp.
732						Oil test. Reported altitude, 3,509 feet. See
						log. Drilled by Snowden & Moswenney Company.
733					~	Oil test. Reported altitude, 3,515 feet. See
						log. Drilled by Honolulu Oil Corp.
734					ļ <b></b>	Oil test. Reported altitude 3,523 feet. See
						log. Drilled by Honolulu Oil Corp.
735						Oil test. Reported altitude, 3,552 feet. See
,						log. Drilled by Gulf Oil Corp.
736						Oil test see log. Drilled by S. W. Richardson.
737			C,W	S	Flat	Well at edge of depression lake.
	}					
738	102.9	Feb. 7,	C,W	S	do.	Do.
		1940	,	_		
739			C,W	D,S	Ridge-	
, 05			,,,,	2,5	top	
740			C,W	S	Gentle	Well near depression lake.
10			,,,	~	slope	"Oll hour doprobbion rano.
741	94.9	Feb. 6,	C,W	N	Sandy	
, II	34.3	1940	0,11	7.4	slope	
742	80-0	Feb. 7,	C,W	S	Flat	Well at edge of depression lake.
720	0000	1940	, "	U	TIGU	well at edge of depression take.
743	87.8		C,W	s	Gentle	Yater level measured while pumping.
743	07.0	40.	0,8	b	1	sater rever measured white pumping.
	100	/	O 717	D,S	slope	Their number 40 C2 Seed at C5/C inch assistant
/ <b>44</b>	106	<u>e</u> /	C,W	ט,ט		Unit number 40. 21 feet of 6-5/8-inch casing
		1938				at top; 59 feet of 5-inch casing at bottom;
						bottom 15 feet perforated. Reported 7 feet
						drawdown when bailing 5 gallons a minute.
		<del></del>				Drilled by M. L. Morgan. See log.
745	100	<u>e</u> /	C,V⁻	D,S		Unit number 50. 21 feet of 6-5/8-inch casing
		1938				at top; 43 feet of 5-inch casing at bottom;
						bottom 20 feet perforated. Reported 2 feet
						drawdown when bailing 5 gallons a minute.
						Drilled by W. H. Joy. See log.
746	101	e/	C,W	D,S		Unit number 51. 21 feet of 6-5/8-inch casing
		1938				at top; 65 feet of 5-inch casing at bottom;
						bottom 21 feet perforated. Reported 9 feet
						drawdown when bailing 5 gallons a minute.
						Drilled by M. L. Morgan. See log.
47	90	<u>e</u> /	C,W	D,S		Unit number 61. 21 feet of 6-5/8-inch casing
	-	1938	,	,-		at top; 64 feet of 5-inch casing at bottom;
		<del>-</del>				bottom 20 feet perforated. Reported 12 feet
						drawdown when bailing 5 gallons a minute. Drill-
						ed by J. M. DePauw. See log.
~			<u> </u>	<u></u>	· · · · · · · · · · · · · · · · · · ·	1

## -27Records of wells in Hockley County--Continued

			OUTUB OF WOLLD III I					
No•	Distance from Levelland	labor	Survey, block or league	ue		of well (ft.)	eter of well (in.)	Height of measuring point above ground (ft.) a/
	11 miles southeast	SEW&	lge. 13 Howard Co. School		1937	113	6 <b>-</b> 5/8	
<u>d</u> /749	ll miles southeast	25, NW <sub>4</sub> E <sub>2</sub>	do.	do.	1937	105	6 <b>-</b> 5/8	
750	do.	25, SW¼W½	do.	do.	1937	126	6 <b>-</b> 5/8	
<u>d</u> /751	ll miles southeast	5, SW <u>차</u> 건호	lge. 12 Donley Co. School	do. Land	1937	123	6- 5/8	
_	12½ miles southeast	NE <sub>z</sub> W	₫o•	do.	1937	128	6- 5/8	
<u>d</u> /753	12½ miles southeast	16, NW <del>1</del> W1	do,	do.	1937	112	6 <b>-</b> 5/8	40 00
754	12½ miles southeast	25, NY 4W2	do.	đo.	1937	125	6 <b>-</b> 5/8	
<u>a</u> /755	12½ miles southeast	16, SE <u>-</u> E	do.	đo.	1937	122	6- 5/8	
₫/756	₫o∙	17, SW <del>1</del> M2	đo•	do.	1937	127	6 <b>-</b> 5/8	
d/757	13 miles southeast	24, NY 1/2	do.	do.	1937	119	6 <b>-</b> 5/8	with ridd
d/758	13½ miles southeast	24, SE4V2	₫o•	do.	1937	113	6- 5/8	

		and	d Joe V	V. Lane	g of the	Texas Board of Water Engineers.
		r level				
No ullet		Date of	Pump	Use	Topo-	R <sub>e</sub> marks
	ł	measure-	and	of	graphic	
	measu		power		1	
	ing p		<u>b</u> /	್ತ/	tion	
7110	(ft.)	<del></del>	C Ist			
748	94	<u>e</u> / 1938	C,W	D,S		Unit number 62. 20 feet of 6-5/8-inch casing
		1998				at top; 64 feet of 5-inch casing at bottom;
						bottom 20 feet perforated. Reported 5 feet
						drawdown when bailing 5 gallons a minute. Drilled by J. M. De Pauw. See log.
749	88	<u>e</u> /	C,W	D,S		Unit number 72. 22 feet of 6-5/8-inch casing
, 10		1938	0,	1,0		at top; 43 feet of 5-inch casing at bottom;
						bottom 21 feet perforated. Reported 4 feet
					·	drawdown when bailing 5 gallons a minute.Drill-
750	100	<u>e/</u>	C,W	D,S		Unit number 73. ed by Autrey Bros. See log.
	ĺ	1938	, , , , , , , , , , , , , , , , , , ,	,		20 feet of 6-5/8-inch casing at top; 64 feet
						of 5-inch casing at bottom; bottom 21 feet per-
						forated. Reported 2 feet drawdown when bailing
						5 gallons a minute. Drilled by J. M. De Pauw
751	94	e/	C,W	D,S		Unit number 74. 22 feet of 6-5/8- See log.
		1938				inch casing at top; 43 feet of 5-inch casing
						at bottom; bottom 21 feet perforated. Report-
	1					ed 4 feet drawdown when bailing 5 gallons a
						minute. Drilled by M. L. Morgan. See log.
752	103	<u>e</u> /	C,W	D,S	~-	Unit number 63. 21 feet of 6-5/8-inch casing
		1938				at top; 63 feet of 5-inch casing at bottom;
					'	bottom 21 feet perforated. Reported 6 feet
						drawdown when bailing 5 gallons a minute.
753	92		C,W	T) C		Drilled by M. L. Morgan. See log.
700	92	<u>e</u> / 1938	∪,₩	D,S		Unit number 75. 21 feet of 6-5/8-inch casing
:		1300				at top; 43 feet of 5-inch casing at bottom; bottom 21 feet perforated. Reported 5 feet
					•	drawdown when baiting 5 gallons a minute.
:						Drilled by Autrey Brothers. See log.
754	88	<u>e</u> /	C,W	D,S	<del>-</del>	Unit number 77. 21 feet of 6-5/8-inch casing
, , ,		1938	· , ,,	2,5		at top; 43 feet of 5-inch casing at bottom;
						bottom 21 feet perforated. Reported 10 feet
						drawdown when bailing 5 gallons a minute.
						Drilled by J. M. De Pauw. See log.
755	91	e/	C,W	D,S		Unit number 65. 21 feet of 6-5/8-inch casing
		1938				at top; 39 fêet of 5-inch casing at bottom;
						bottom 19 feet perforated. Reported 7 feet
			- 1			drawdown when bailing 5 gallons a minute.
				_		Drilled by M. L. Morgan. See log.
756	95	<u>e</u> /	C,W	D,S		Unit number 76. 20 feet of 6-5/8-inch casing
		1938				at top; 43 feet of 5-inch casing at bottom;
						bottom 21 feet perforated. Reported 3 feet
						drawdown when bailing 5 gallons a minute.
757	95		דוד וין	F G		Drilled by M. L. Morgan. See log.
707	90	<u>e/</u> 1938	C,W	D,S		Unit number 66. 20 feet of 6-5/8-inch casing
		1200				at top; 41 feet of 5-inch casing at bottom;
						bottom 21 feet perforated. Reported 5 feet
						drawdown when bailing 5 gallons a minute.
758	89	<u>e/</u>	C ,1"	D,S		Drilled by M. L. Morgan. See log. Unit number 67. 20 feet of 6-5/8-inch casing
, 00	95	1938	· ,·	2,5		at top; 63 feet of 5-inch casing at bottom;
		1000		-		bottom 20 feet perforated. Reported 3 feet
				į		drawdown when bailing 5 gallons a minute.
						Drilled by W. H. Joy. See log.
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No•	Distance from	Sec-	Survey, block or league	Owner	Date com-	Depth of	Diam- eter	Height of measuring point
	Levelland	ł .	Or reagae			well	of	above
	reverrand	labor			ted	(ft.)	well	f
		rapor			vea.	(100)		ground
a men	178 10-		3 - 2 17	77 C D A TI	1077	7.43	(in.)	(ft.) a/
<u>a</u> /759	$13\frac{3}{4}$ miles	7,	lge. 11	U.S.D.A - Farm	1937	141	6 <b>-</b>	
	southeast	NW 4E2	Doutek Co. School	Land Security Adm	•		5/8	
2/260	14 miles	172	do.	do.	1937	126	6-	
<u>a</u> //00	southeast	7, SW <del>1</del> E1	u0•	40•	1907	120	5/8	
	Southeast	OW4E2					3/6	
1/261	13 miles	5,	do.	do.	1937	137	6-	
<u>u</u> , 101	southeast		u •	40.	1307	10,	5/8	
	50d oned5 o	DW4W2					3,0	
			,					
d/762	13½ miles	15,	do.	do.	1937	127	6-	
₩ 102	southeast		u o s	uo.	1001	_~,	5/8	·
	Boatmoabo	0"4"2					0,0	
763	14 miles	25,	do.	do.	1937	125	6-	
	southeast		200	•0.	100.	140	5/8	
	200000000	-11 4" Z					, ,,	
d/764	14 miles	25,	do.	do.	1937	124	6-	
	southeast	SWŁEŚ					5/8	
		7.0					·	
d/765	15 miles	24,	do.	do•	1937	100	6-	
_	southeast	SE4E					5/8	
<u>d</u> /766	$15\frac{3}{4}$ miles southeast	22,	do.	do.	1937	128	6-	
	southeast	SW					5/8	
767	16 miles southeast	21,	₫o•	do•	1937	124	6-	
	southeast	SE47号					5/8	
7 /- 7 -	2.57							
<u>a</u> /768	$15\frac{1}{2}$ miles southeast	19,	do.	do∙	1937	130	6-	
	southeast	NETE					5/8	
a /220	35/3	7 7 AV	a .	2 -	3.075	3.67.0		
₫/769	15 miles	9 (?)	do.	₫0•	1937	130	6 <b>-</b>	
	southeast	SW文型意					5/8	
								<u> </u>

Mater level   No.   Double   Date of   Double   Date of   Double   Date of   Double   Date of   Double   Date of   Double   Date of   Double   Do			and	i Joe	. Lang	g of the	Texas Board of Water Engineers
below measure— and of graphic nearsure—nent power water situating point (ft.) 2/ 0/ 153							
	$No \bullet$	1	•	. ~	1	-	ł
1938		ł.	•	1	f		
1938		1			1 .		
1938   9   C.W   D.S     Unit number 68. 20 Feet of 6-5/6-inch casing at bottom; bottom 20 feet perforated. Reported 18 feet drawdown when bailing 5 gallons a minute.				_⊡/	<u>e</u> /	tion	
	759		<del>}</del>	C.W	D.S		Unit number 68. 20 feet of 6-5/8-inch casing
bottom 20 feet perforated. Reported 18 feet drawdown whom bealing 5 gallons a minute.  760 87		1		,	_,-		
Drilled by M. L. Morgan. See log.		}					
Total   Fig.   C.W   D.S     Unit number 70. Fo feet of 6-5/8-inch casing at top; 63 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 10 feet drawdown when beiling 5 gallons a minute. Drilled by W. H. Joy. See log.    Total   Fig.   Total   Fig.   Total   Fig.   F							drawdown when bailing 5 gallons a minute.
st top; 63 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a minute. Drilled by W. H. Joy. See log.							
bottom 20 feet perforated. Reported 10 feet drawdown when beiling 5 gallons a minute. Drilled by W. H. Joy. See log.   1938	760	87		C,W	D,S		,
drawdown when beiling 5 gallons a minute.   Drilled by W. H. Joy. See log.			1938				
		1					
1938   C.W   D.S     Unit number 78. 21 feet of 6-5/8-inch casing at top; 64 feet of 5-inch casing at bottom; bottom 21 feet perforated. Reported 16 feet drawdown when bailing 5 gallons a minute. Drilled by M. L. Mongan. See log.   1938   S.   C.W   D.S     Unit number 79. 21 feet of 6-5/8-inch casing at top; 64 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a minute. Drilled by Travis Tubb. See log.   1938   S.   C.W   D.S     Unit number 80. 21 feet of 6-5/8-inch casing at top; 42 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 13 feet drawdown when bailing 5 gallons a minute. See Unit number 81. 21 feet of 6-5/8-inch log. casing at top; 57 feet of 5-inch casing at bottom; bottom; bottom 17 feet perforated. Reported 12 feet drawdown when bailing 5 gallons a minute. Drilled by J. M. De Pauw. See log. Unit number 71. 20 feet of 6-5/8-inch casing at top; 42 feet of 5-inch casing at bottom; bottom 21 feet perforated. Reported 7 feet drawdown when bailing 5 gallons a minute. Drilled by M. L. Mongan. See log. Unit number 60. 21 feet of 6-5/8-inch casing at top; 61 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 7 feet drawdown when bailing 5 gallons a minute. See Company of the See Log. Unit number 49. 20 feet of 6-5/8-inch casing at bottom; bottom; bottom 20 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a minute. See Company of the See Log. Se							
at top; 64 feet of 5-inch casing at bottom; bottom 21 feet perforated. Reported 16 feet drawdown when bailing 5 gallons a minute. Drilled by M. L. Morgan. See log.  762 89 8/ C.W D.S Unit number 79. 21 feet of 6-5/8-inch casing at top; 64 feet of 5-inch casing at top; 64 feet of 5-inch casing at top; 64 feet of 5-inch casing at top; 64 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a minute. Drilled by Travis Tubb. See log.  763 85 e/ C.W D.S Unit number 80. 21 feet of 6-5/8-inch casing at top; 42 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 13 feet drawdown when bailing 5 gallons a minute. See log.  764 83 e/ C.W D.S Unit number 81. 21 feet of 6-5/8-inch casing at bottom; bottom 17 feet perforated. Reported 12 feet drawdown when bailing 5 gallons a minute. Drilled by J. M. De Pauw. See log.  765 75 e/ C.W D.S Unit number 60. 21 feet of 6-5/8-inch casing at top; 42 feet of 5-inch casing at bottom; bottom 20 feet of 6-5/8-inch casing at top; 61 feet of 5-inch casing at bottom; bottom 27 feet perforated. Reported 17 feet drawdown when bailing 5 gallons a minute. See log.  766 87 e/ C.W D.S Unit number 60. 21 feet of 6-5/8-inch casing at bottom; bottom 27 feet perforated. Reported 17 feet drawdown when bailing 5 gallons a minute. See log.  767 87 e/ C.W D.S Unit number 49. 20 feet of 6-5/8-inch log. casing at top; 42 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a log. Casing at top; 42 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported Reported 62 feet drawdown when bailing 5 gallons a log. Casing at top; 41 feet of 5-inch casing at bottom; bottom 21 feet perforated. Reported 19 feet drawdown when bailing 5 gallons a log. Casing at top; 41 feet of 5-inch casing at bottom; bottom 21 feet perforated. Reported 19 feet drawdown when bailing 5 gallons a log. Casing at top; 41 feet of 5-inch casing at bottom; bottom 21 feet perforated. R	761	90	e/	C.W	D.S		
bottom 21 feet perforated. Reported 16 feet drawdown when bailing 5 gallons a minute. Drilled by M. L. Morgan. See log.  762 89 9/ C.W D.S Unit number 79. 21 feet of 6-5/8-inch casing at top; 64 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a minute. Drilled by Travis Tubb. See log.  763 85 9/ C.W D.S Unit number 80. 21 feet of 6-5/8-inch casing at top; 42 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 13 feet drawdown when bailing 5 gallons a minute. See Unit number 81. 21 feet of 6-5/8-inch casing at bottom; bottom; bottom 17 feet perforated. Reported 12 feet drawdown when bailing 5 gallons a minute. Drilled by J. M. De Pauw. See log.  765 75 9/ C.W D.S Unit number 71. 20 feet of 6-5/8-inch casing at bottom; bottom 27 feet perforated. Reported 7 feet drawdown when bailing 5 gallons a minute. Drilled by M. L. Morgan. See log.  766 89 9/ C.W D.S Unit number 60. 21 feet of 6-5/8-inch casing at top; 51 feet of 5-inch casing at top; 51 feet of 5-inch casing at top; 51 feet of 5-inch casing at bottom; bottom 27 feet perforated. Reported 7 feet drawdown when bailing 5 gallons a minute. Drilled by M. L. Morgan. See log.  767 87 9/ C.W D.S Unit number 60. 21 feet of 6-5/8-inch casing at top; 61 feet of 5-inch casing at bottom; bottom; bottom 27 feet perforated. Reported 17 feet drawdown when bailing 5 gallons at bottom; bottom; bottom; bottom; 20 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a minute. See Unit number 49. 20 feet of 6-5/8-inch log casing at top; 42 feet of 5-inch casing at bottom; bottom; bottom; 21 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a minute. Drawdown when bailing 5 gallons a casing at top; 42 feet of 5-inch casing at bottom; bottom; 21 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a long at bottom; bottom 21 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a long at bottom; bottom 21 feet perforated. Reported 10 fee				,	_ ,_		
1938							
at top; 64 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a minute. Drilled by Travis Tubb. See log.  763 85 e/ C,W D,S Unit number 80. 21 feet of 6-5/8-inch casing at top; 42 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 13 feet drawdown when bailing 5 gallons a minute. See 1938							
bottom 20 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a minute. Drilled by Travis Tubb. See log.  763 85 e/ C,W D,S Unit number 80. 21 feet of 6-5/8-inch casing at top; 42 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 13 feet drawdown when bailing 5 gallons a minute. See Unit number 81. 21 feet of 6-5/8-inch log. casing at top; 53 feet of 5-inch casing at bottom; bottom 17 feet perforated. Reported 12 feet arawdown when bailing 5 gallons a minute. Drilled by J. M. De Pauw. See log.  765 75 e/ C,W D,S Unit number 71. 20 feet of 6-5/8-inch casing at top; 42 feet of 5-inch casing at top; 42 feet of 5-inch casing at bottom; bottom 21 feet perforated. Reported 7 feet drawdown when bailing 5 gallons a minute. Drilled by M. L. Morgan. See log.  766 89 e/ C,W D,S Unit number 60. 21 feet of 6-5/8-inch casing at top; 61 feet of 5-inch casing at bottom; bottom 27 feet perforated. Reported 7 feet drawdown when bailing 5 gallons a minute. See 1938 at top; 61 feet of 5-inch casing at bottom; bottom 27 feet perforated. Reported 17 feet drawdown when bailing 5 gallons a minute. See 1938 at top; 42 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 1938 at top; 42 feet of 6-5/8-inch log. casing at top; 42 feet of 5-inch casing at bottom; bottom; bottom; bottom 20 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a bottom; bottom 21 feet of 5-inch casing at bottom; bottom 21 feet of 5-inch casing at bottom; bottom 21 feet of 5-inch casing at bottom; bottom 21 feet of 5-inch casing at bottom; bottom 21 feet of 5-inch casing at bottom; bottom 21 feet perforated. Reported Reported 62 feet drawdown when bailing 5 gallons a casing at top; 41 feet of 5-inch casing at bottom; bottom; bottom 21 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a feet drawdown when bailing 5 gallons a feet drawdown when bailing 5 gallons a feet drawdown when bailing 5 gallons a feet drawdown when bailing 5 gallons a feet drawdown when bailing 5 gallons	762	89		C,W	D,S		· · · · · · · · · · · · · · · · · · ·
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Drilled by Travis Tubb. See log.							
1938							
at top; 42 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 15 feet drawdown when bailing 5 gallons a minute. See 1938  764 83 9/ C,W D,S Unit number 81. 21 feet of 6-5/8-inch log. casing at top; 53 feet of 5-inch casing at bottom; bottom 17 feet perforated. Reported 12 feet drawdown when bailing 5 gallons a minute. Drilled by J. M. De Pauw. See log. 1938  765 75 9/ C,W D,S Unit number 71. 20 feet of 6-5/8-inch casing at top; 42 feet of 5-inch casing at bottom; bottom 21 feet perforated. Reported 7 feet drawdown when bailing 5 gallons a minute. Drilled by M. L. Morgan. See log.  766 89 9/ C,W D,S Unit number 60. 21 feet of 6-5/8-inch casing at top; 61 feet of 5-inch casing at bottom; bottom 27 feet perforated. Reported 17 feet drawdown when bailing 5 gallons a minute. See 1938  767 87 9/ C,W D,S Unit number 49. 20 feet of 6-5/8-inch log. casing at top; 42 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a bottom; bottom 20 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a casing at bottom; bottom 21 feet of 5-inch casing at bottom; bottom 21 feet of 5-inch casing at bottom; bottom 21 feet of 5-inch casing at bottom; bottom 21 feet perforated Reported 62 feet drawdown when bailing 5 gallons a casing at bottom; bottom 21 feet perforated Reported 62 feet drawdown when bailing 5 gallons a bottom; bottom 21 feet perforated Reported 62 feet drawdown when bailing 5 gallons a bottom; bottom 21 feet perforated. Reported 62 feet drawdown when bailing 5 gallons a bottom; bottom 21 feet perforated. Reported 62 feet drawdown when bailing 5 gallons a bottom; bottom 21 feet perforated. Reported 62 feet drawdown when bailing 5 gallons a bottom; bottom 21 feet perforated. Reported 62 feet drawdown when bailing 5 gallons a bottom; bottom 21 feet perforated. Reported 62 feet drawdown when bailing 5 gallons a bottom; bottom 21 feet perforated. Reported 62 feet drawdown when bailing 5 gallons a bottom; bottom 21 feet perfor	763	85	e/	C.W	D.S		
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765 75 e/ 1938							
at top; 42 feet of 5-inch casing at bottom; bottom 21 feet perforated. Reported 7 feet drawdown when bailing 5 gallons a minute. Drilled by M. L. Morgan. See log.  766 89 e/ C.W D.S Unit number 60. 21 feet of 6-5/8-inch casing at top; 61 feet of 5-inch casing at bottom; bottom 27 feet perforated. Reported 17 feet drawdown when bailing 5 gallons a minute. See drawdown when bailing 5 gallons a minute. See log.  767 87 e/ C.W D.S Unit number 49. 20 feet of 6-5/8-inch log casing at top; 42 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a log feet drawdown when bailing 5 gallons a log feet drawdown when bailing 5 gallons a lons a minute. Drilled by J. M. De Pauw. See response feet drawdown when bailing 5 gallons a lons a minute. Drilled by J. M. De Pauw. See log gaing at top; 41 feet of 6-5/8-inch log casing at top; 41 feet of 5-inch casing at bottom; bottom 21 feet perforated. Reported 9 feet drawdown when bailing 5 gallons a log.	765	75	e/	C.W	D.S		
bottom 21 feet perforated. Reported 7 feet drawdown when bailing 5 gallons a minute.  Drilled by M. L. Morgan. See log.  766 89 e/ C.W D.S Unit number 60. 21 feet of 6-5/8-inch casing at top; 61 feet of 5-inch casing at bottom; bottom 27 feet perforated. Reported 17 feet drawdown when bailing 5 gallons a minute. See  767 87 e/ C.W D.S Unit number 49. 20 feet of 6-5/8-inch log casing at top; 42 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 10 feet drawdown when bailing 5 gallons a  768 92 e/ C.W D.S Unit number 48. 21 feet of minute. See log. 6-5/8-inch casing at top; 64 feet of 5-inch casing at bottom; bottom 21 feet perforated Reported 62 feet drawdown when bailing 5 gallons a ninute. Drilled by J. M. De Pauw. See  769 93 e/ C.W D.S Unit number 47. 21 feet of 6-5/8-inch log. casing at top; 41 feet of 5-inch casing at bottom; bottom 21 feet perforated. Reported 9 feet drawdown when bailing 5 gallons a				٠,,,	2,0		
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bottom; bottom 20 feet perforated. Reported  10 feet drawdown when bailing 5 gallons a  768 92 e/ C,W D,S Unit number 48. 21 feet of minute. See log. 1938 6-5/8-inch casing at top; 64 feet of 5-inch casing at bottom; bottom 21 feet perforated Reported 62 feet drawdown when bailing 5 gal- lons a minute. Drilled by J. M. De Pauw. See  769 93 e/ C,W D,S Unit number 47. 21 feet of 6-5/8-inch log. 1938 casing at top; 41 feet of 5-inch casing at bottom; bottom 21 feet perforated. Reported 9 feet drawdown when bailing 5 gallons a		)	1938	,,,	2,0		
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lons a minute. Drilled by J. M. De Pauw. See  769 93 e/ C,W D,S Unit number 47. 21 feet of 6-5/8-inch log. 1938 casing at top; 41 feet of 5-inch casing at bottom; bottom 21 feet perforated. Reported 9 feet drawdown when bailing 5 gallons a							
769 93 e/ C,W D,S Unit number 47. 21 feet of 6-5/8-inch log. casing at top; 41 feet of 5-inch casing at bottom; bottom 21 feet perforated. Reported 9 feet drawdown when bailing 5 gallons a							
casing at top; 41 feet of 5-inch casing at bottom; bottom 21 feet perforated. Reported 9 feet drawdown when bailing 5 gallons a	ne o	0.72		CI TAT	- F - C		
bottom; bottom 21 feet perforated. Reported 9 feet drawdown when bailing 5 gallons a	709	90	발/ 1 93요	∪,W	ט,ט		
9 feet drawdown when bailing 5 gallons a			T 200				

								Height of
No.	Distance	Sec-	Survey, block	Owner	Date	Depth	Diam_	measuring
1404	from	tion	or league	OWIIOI	com-	of	eter	point
	Levelland		01 100500		1	well	of	above
	20.012	labor			ted	(ft.)	well	ground
						( /	(in.)	(ft.) <u>a</u> /
d/770	14를 miles	12,	lge. 11	U.S.D.A - Farm	1937	135	6-	
	southeast	W-twi		Land Security Adm	j •		5/8	4
					ļ			
·								
d/771	$14\frac{1}{4}$ miles	13,	do.	do.	1937	132	6-	
	southeast	NE∵MŞ					5/8	
						]		
1 /000	241	0(0)	a_	do.	1937	158	6-	
d/772			do.	00.	1907	129	5/8	
	southeast	NW4L2					3/0	
$\overline{d/773}$	₫o∙	2,	do.	do.	1937	123	6-	<del> </del>
ω, , , ο	400	SW <del>1</del> E1	1		1 30,	1	5/8	
		542					0,0	
d/774	$14\frac{1}{4}$ miles	2,	do.	do.	1937	105	6-	
	southeast	NM TES			1		5/8	
		- ~				1		
d/775	₫o•	22,	lge. 12	do.	1937	125	6-	
		SE <sub>‡W</sub> }	Donley Co. School	Land			5/8	
776	14 miles	19,	do.	T 30	1937	144	6-	<del> </del>
770	southeast	grini	40•	90.	1901	TIT	5/8	
	Boutheast	004.2					0,0	
					}			
					1			
d/777	$14\frac{1}{4}$ miles	20.	do.	do.	1937	127	6-	
	14½ miles southeast	SE-N-5					5/8	
		7 2					(	
						1		
d/778	$13\frac{3}{4}$ miles	19,	do.	do.	1937	121	6-	
_	134 miles southeast	NE-W-					5/8	1
							1	
		1				1		
\	<u> </u>					<u> </u>	<u> </u>	
d/779	$13\frac{1}{4}$ miles	13,	do.	₫o•	1937	133	6-	
	southeast	SE <sub>4</sub> Ws					5/8	1
	1	<u> </u>	1	<u> </u>	<u> </u>	1		1

	·		d Joe 1	N. Lang	g of the	Texas Board of Water Engineers
	Wate:	r level				
No•	Depth	Date of	Pump	Use	Topo-	Remarks
		measure-		of	graphic	
	measu	•	power	1	situa-	
	ing po		_ ,		tion	
	(ft.)	1	<u>b</u> /	<u></u>	61011	
770	83		C,W	D C		Unit number 59. 22 feet of 6-5/8-inch casing
770	00	e/ 1938	0,7	D,S		
		1938				at top; 63 feet of 5-inch casing at bottom;
						bottom 20 feet perforated. Reported 23 feet
						drawdown when bailing 5 gallons a minute.
						Drilled by Autrey Bros. See log.
771	80	<u>e</u> / 1938	C,W	D,S		Unit number 69. 20 feet of 6-5/8-inch casing
		1938				at top; 59 feet of 5-inch casing at bottom;
						bottom 19 feet perforated. Reported 15 feet
						drawdown when bailing 5 gallons a minute.
						Drilled by V. H. Joy. See log.
772	95	e/	C,W	D,S		Unit number 58. 21 feet of 6-5/8-inch casing
. 1 2		<u>e</u> / 1938	0,1	υ,υ		at top; 62 fect of 5-inch casing at bottom;
	1	1700				, .,
	ł		į			bottom 21 feet perforated. Reported 25 feet
						drawdown when bailing 5 gallons a minute.
		ļ				Drilled by M. L. Morgan. See log.
773	98	<u>e</u> / 1938	C,W	D,S		Unit number 46. 22 feet of 6-5/8-inch casing
		1938				at top; 43 feet of 5-inch casing at bottom;
		ŀ				bottom 21 feet perforated. Reported 5 feet
	1					drawdown when bailing 5 gallons a minute.
						Drilled by ". H. Joy. See log.
774	100	e/	C,W	D,S		Unit number 45. 22 feet of 6-5/8-inch casing
		1938	,	, , -		at top; 64 feet of 5-inch casing at bottom;
						bottom 21 feet perforated. Reported 2 feet
			ļ			drawdown when bailing 5 gallons a minute.
	}					
775	106		C.W	D C		Drilled by Autrey Bros. See log.
775	100	<u>e</u> / 1938	0,15	D,S		Unit number 57. 21 feet of 6-5/8-inch casing
		1900		}		at top; 36 feet of 5-inch casing at bottom;
						bottom 17 feet perforated. Reported 2 feet
		l				drawdown when bailing 5 gallons a minute.
						Drilled by Autrey Bros. See log.
776	114	<u>e</u> /	C,W	D,S		Unit number 56. 21 feet of 6-5/8-inch casing
	1	<u>e</u> / 1938		1		at top; 57 feet of 5-inch casing at bottom;
		1				bottom 19 feet perforated. Reported 6 feet
			1			drawdown when bailing 5 gallons a minute.
		1			<b>[</b>	Drilled by J. M. De Pauw. See log.
777	108	e/	C,W	D,S		Unit number 44. 21 feet of 6-5/8-inch casing
	1	<u>e</u> / 1938	'''	-,~	ļ	at top; 42 feet of 5-inch casing at bottom; bot-
			1			tom 15 feet perforated. Reported 7 feet draw-
	1				-	down when bailing 5 gallons a minute. Drilled
770	114	<del>                                     </del>	C,W	D,S	<b>-</b>	
778	1114	<u>e</u> / 1938	[ ·, w	۵,۵		Unit number 55. by M. L. Morgan. See log.
	1	17928	]			31 feet of 6-5/8-inch casing at top; 63 feet
	1	1	,		į	of 5-inch casing at bottom; bottom 21 feet
			1			perforated. Reported 11 feet drawdown when
			<u> </u>	<u> </u>		bailing 5 gallons a minute. Drilled by W. H.
779	107	<u>e</u> /	C,W	D,S		Unit number 64. 21 feet of Joy. See log.
		1938				6-5/8-inch casing at top; 41 feet of 5-inch
	1		l			casing at bottom; bottom 21 feet perforated.
						Reported 5 feet drawdown when bailing 5 gallons
		1			‡ {	a minute. Drilled by J. M. De Pauw. See log.
	1	1	<u> </u>	!	•	a writing of triffed by a. M. De tanm. Dee Tid.

				,		<del></del>	,	TTT - 3 1 1
No•	Distance from	Sec- tion	Survey, block or league	Owner	com-	of'	eter	Height of measuring point
	Levelland	or labor			ple~	well (ft.)	of well (in.)	above ground (ft.) a/
<u>a</u> /780	13- miles southeast	13, cen.	lge. 12 Donley Co. School	U.S.D.A Farm Land Security Adm	1937	131	6 <b>-</b> 5/8	
<u>d</u> /781	13½ miles southeast	12, NW4E2	do•	do•	1937	135	6- 5/8	
<u>d</u> /782	13½ miles southeast		do•	do.	1937	129	6- 5/8	
<u>d</u> /783	13 miles southeast	2, ne‡w‡	do•	do.	1937	130	6 <b>-</b> 5/8	
<u>d</u> /784	$13_4^8$ miles southeast	1, SE <sup>1</sup> W <sup>1</sup> 2	do•	do•	1937	128	6- 5/8	
<u>d</u> /785	14 miles southeast	10, NE <sup>1</sup> / <sub>4</sub> E <sup>1</sup> / <sub>2</sub>	do.	do.	1937	118	6- 5/8	
786	$14rac{1}{2}$ miles southeast	16, SE <sup>1</sup> NE <sup>1</sup> / <sub>2</sub>	lge. 8 Wilbarger Co. Scho	do.	1937	136	6- 5/8	
-	151 miles southeast	SW4NE4	do.	do.	1937	148	6- 5/8	
<u>a</u> /788	15½ miles southeast	19, SE <sup>1</sup> NW <sup>1</sup> / <sub>4</sub>	do•	do.	1937	153	6- 5/8	
789	$15\frac{8}{4}$ miles southeast		do•	Elwood Est.	01d	110-	6	1.5
790	16년 miles	16,	lge. 7 Wilbarger Co. Scho	U.S.D.A Farm		124	6- 5/8	

		and			•	Texas Board of Water Engineers
	1	· level				
No.		Date of	Pump	Use	Topo-	Remarks
	1	measure-	and	of	graphic	
	measui		( <del>-</del> ,	I .	situa-	
	ing po		₽\	<u></u>	tion	
700	(ft.)		C,W	D 0		Their number 54 21 feet of 6 5/9 inch acquire
780	104	<u>e</u> / 1938	[ ∪,₹	D,S		Unit number 54. 21 feet of 6-5/8-inch casing at top: 41 feet of 5-inch casing at bottom;
		1300				bottom 20 feet perforated. Reported 2 feet
						drawdown when bailing 5 gallons a minute.
						Drilled by J. M. De Rauw. See log.
781	110	е/	C,W	D,S		Unit number 43. 21 feet of 6-5/8-inch casing
		1938	<b>'</b>	,		at top; 39 feet of 5-inch casing at bottom;
						bottom 19 feet perforated. Reported 5 feet
						drawdown when bailing 5 gallons a minute.
						Drilled by J. M. De Pauw. See log.
782	103	<u>e</u> /	C,W	D,S		Unit number 53. 21 feet of 6-5/8-inch casing
		1938				at top; 64 feet of 5-inch casing at bottom;
					İ	bottom 21 feet perforated. Reported 6 feet
						drawdown when bailing 5 gallons a minute.
723	101	e/	C,W	D,S		Drilled by Roy L. Janes. See log. Unit number 52. 21 feet of 6-5/8-inch casing
100	101	1938	0,1	D, S		at top; 61 feet of 5-inch casing at bottom;
		2000				bottom 21 feet perforated. Reported 4 feet
						drawdown when bailing 5 gallons a minute. See
784	106	<u>e</u> /	C,W	D,S		Unit number 41. 21 feet of 6-5/8-inch log.
		1938		ĺ		casing at top; 65 feet of 5-inch casing at
						bottom; bottom 22 feet perforated. Reported
						9 feet drawdown when bailing 5 gallons a
		, , , , , , , , , , , , , , , , , , , ,				minute. Drilled by J. M. De Pauw. See log.
785	99	<u>e</u> / 1938	C,W	D,S		Unit number 42. 21 feet of 6-5/8-inch casing
		1938				at top; 38 feet of 5-inch casing at bottom;
						bottom 19 feet perforated. Reported 9 feet
						drawdown when bailing 5 gallons a minute.
786	102	е/	C,W	D,S		Unit number 39. 21 feet of 6-5/8-inch casing
. 00	10~	1938	,,,,	2,0		at top; 40 feet of 5-inch casing at bottom;
						bottom 20 feet perforated. Reported 10 feet
						drawdown when bailing 5 gallons a minute.
						Drilled by ". H. Joy. See log.
787	118	<u>e</u> /	C,W	D,S		Unit number 38. 21 feet of 6-5/8-inch casing
		1938				at top; 40 feet of 5-inch casing at bottom;
	1					bottom 20 feet perforated. Reported 10 feet
						drawdown when bailing 5 gallons a minute.
7700	110		דוד א	<del></del> -		Drilled by J. M. De Pauw. See log.
788	110	<u>e</u> / 1938	C,W	D,S		Unit number 37. 21 feet of 6-5/8-inch casing
		T 300				at top; 62 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 10 feet
						drawdown when bailing 5 gallons a minute.
	}					Drilled by M. L. Morgan. See log.
789	94.3	Feb. 6,	C,W	S	Flat	North one of two wells about 200 feet apart.
		1940	,			
790	93	<u>e</u> /	C,W	D,S		Unit number 36. 21 feet of 6-5/8-inch casing
		1938				at top; 43 feet of 5-inch casing at bottom;
						bottom 20 feet perforated. Reported 7 feet
		i				drawdown when bailing 5 gallons a minute.
••••	<b>?</b>	· · · · · · · · · · · · · · · · · · ·		!	· · · · · · · · · · · · · · · · · · ·	Drilled by W. H. Joy. See log.

-35Records of wells in Hockley County--Continued

No.				r		r	<del>,</del>		ITT 1 1 2
Trom   Levelland   Cr   Pie-   Well   Several   Levelland   Cr   Pie-	<b>3.</b> 7.	D:	000	Comment hlash	0	Data	Donth		Height of
Levelland or labor   Die well of ted (ft.)   Well ground (ft.)   Adm.   Levelland   Leve	1//O•	1			Owner	1		1	1
labor		ł .		or league		1	t e	ž	
A		reversand	ŧ			1		,	1
A/791   17\frac{1}{2} miles   18,   1ge. 7   U.S.D.A Farm   1937   122   6-   5/8   5/8			Tapor			tea	(10.)	ł	; ~
Southeast   SE\(\frac{1}{2}\)   Wilbarger Co. School Land   Security   Adm.   5/8	(7.03	3.67 : 1	12	7	TI O D A 30	3.000	100		(1t.) a/
d/792   18 miles   19,	₫,,aT	17年 miles	18,	ige. 7	U.S.D.A Farm	1937	TEE	! -	
Southeast   SW\frac{1}{2}   SV\frac{1}{2}		soutneast	SETNWZ	wilbarger Co. Scho	of rand Security	Adm.		3/8	-
Southeast   SW\frac{1}{2}NE\frac{1}{2}   State   Sta									
Southeast   SW\frac{1}{2}NE\frac{1}{2}   State   Sta									
Southeast   SW\frac{1}{2}   SV\frac{1}{2}	2 (700	10 :1	10	3.0	2.	1077	194		
d/793   18½ miles   23,   blk. D   C. A. Kellner       0.2	<u>a</u> /1,25			, 00.	ue.	1907	124	-	
east   NW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub>   Lubbock Co. School Land		southeast	SW-INE					078	
east   NW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub>   Lubbock Co. School Land				Au de la company					
east   NW <sup>1</sup> NW <sup>1</sup>   Lubbock Co. School Land							1		
east   NW <sup>1</sup> NW <sup>1</sup>   Lubbock Co. School Land	a /707	101 miles	93	hlk D	C A Kellner				0.2
Type	T/190								0.2
Southeast   NF\frac{1}{4}NW\frac{1}{4}   Donley Co. School   Tand   Security   Adm.   5/8	7.05	171 miles	10% Z 141/Z		II.S.D.A. Form	1935	<del></del>	6_	
798 $16\frac{3}{4}$ miles       21,       lge. 8       do.       1935        6-          804 $15\frac{7}{4}$ miles       SZ,       do.       do.       1935        6-          808 $15\frac{7}{4}$ miles       SW $\frac{1}{4}$ SE $\frac{1}{4}$ do.       do.       1935        6-          808 $15\frac{1}{4}$ miles       24,       do.       do.       1935        6-          813 $16$ miles       7,       lge. 9       do.       1935        6-          southeast       SW $\frac{1}{4}$ SE $\frac{1}{4}$ Donley Co. School Land       5/8        6-          821 $16\frac{1}{4}$ miles       9,       do.       do.       1935        6-          southeast       SW $\frac{1}{4}$ SW $\frac{1}{4}$ do.       do.       1935        6-          824 $17$ miles       10,       do.       do.       1935        6-          southeast       SW $\frac{1}{4}$ SW $\frac{1}{4}$ 6-         6-          824 $17$ miles       10,       do.       do.       1935	7 90				<u> </u>	4			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	708	163 miles	21			11935	<del> </del>		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	7 30	coutheast	crlcrl			1300		ł .	İ
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	804	155 miles	23		<del></del>	1935	<del> </del>		
808 $15\frac{1}{4}$ miles       24, do. do. 1935       6 5/8         813 $16$ miles       7, lge. 9 do. 1935       6 5/8         817 $16\frac{1}{4}$ miles       17, do. do. 1935       6 5/8         821 $16\frac{1}{8}$ miles       9, do. do. 1935       6 5/8         821 $16\frac{1}{8}$ miles       9, do. do. 1935       6 5/8         824 $17$ miles       10, do. do. 1935       6 6 6 6 6 6 6 6- 6	004	goutheast	cwler1		401	1 - 300		ł	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	808				do.	1935			
813 16 miles       7, lge. 9       do. 1935       6 5/8         817 16 $\frac{1}{4}$ miles       17, do. do. 1935       6 5/8         821 16 $\frac{1}{8}$ miles       9, do. do. 1935       6 5/8         821 16 $\frac{1}{8}$ miles       9, do. do. 1935       6 5/8         824 17 miles       10, do. do. 1935       6 6 6 6-	000				40.	1300		2	
southeast $SW_4^1SE_+^1$ Donley Co. School Land       5/8         817 $16\frac{1}{4}$ miles       17, do. do. 1935 6 5/8         821 $16\frac{1}{2}$ miles       9, do. do. 1935 6 5/8         824 $17$ miles       10, do. do. 1935 6	813				do.	1935			
817 $16\frac{1}{4}$ miles       17,       do.       do.       1935 6 5/8         821 $16\frac{1}{2}$ miles       9,       do.       do.       1935 6 5/8         824 $17$ miles       10,       do.       do.       1935 6 6 6-	010	goutheast.	SWISTI	Donley Co. School		1300		ł	
southeast     N° $\frac{1}{2}$ N $\frac{1}{4}$ 5/8       821 $16\frac{1}{2}$ miles     9, do. do. 1935     6 5/8       southeast     SW $\frac{1}{4}$ SW $\frac{1}{4}$ 5/8       824     17 miles     10, do. do. 1935     6	817					1935	<del> </del>		
821 $16\frac{1}{2}$ miles 9, do. do. $1935$ 6 southeast $SW_{-4}^{1}SW_{-4}^{1}$ do. do. $1935$ 6	Q±1			""		1000		•	
Southeast   SW <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub>	821	16 miles	9	do.	do.	1935	<del> </del>		
824 17 miles   10,   do.   1935     6-	027	southeast	SW1SW1				1	•	-
	824	17 miles	10	do.	do.	1935			
			SEINWI					5/8	
827 19½ miles 74, blk. 20 V. L. Millsap 92 10 0.5	827				V. L. Millsan		92		0.5
southeast SW <sup>1</sup> -SE <sup>1</sup> / <sub>4</sub> H. E. & V. T. R. R.									
d/828 202 miles 49, do. F. E. McNabb 1939 183 14	d/828	20 miles	49.		F. E. McNabb	1939	183	14	
southeast $NW_{-1}^{1}NW_{-2}^{1}$					,,				
		_ 5 _ 1 _ 2 _ 5 _ 5 _ 5							
							1		

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

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

			and	l Joe V	V. Lang	g of the	Texas Board of Water Engineers
	Water	rlevel					
No.		Date o		Pump	Use	Topo-	Remarks
	below	measur	e-	and	nf	graphic	
	measui	r- me	nt	power	water	situa-	
	ing po	oint		b/	c/	tion	
	(ft.)				_		
791	92	<u>e</u> / 1938		C, <sup>r</sup>	D,S	<b></b>	Unit number 35. 22 feet of 6-5/8-inch casing at top; 40 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 8 feet drawdown when bailing 5 gallons a minute. Drilled by W. H. Joy. See log.
792	91	<u>e</u> / 1938		C,W	D,S		Unit number 35. 21 feet of 6-5/8-inch casing at top; 61 feet of 5-inch casing at bottom; bottom 20 feet perforated. Reported 14 feet drawdown when bailing 5 gallons a minute. Drilled by W. H. Joy. See log.
793	78.0		7,	C,W	И	Gentle	Unused well.
		1940				slope	
795				C,W	D,S		Unit number 2. 6-5/8-inch casing at top.
798				C,W	D,S		Unit number 5. 6-5/8-inch casing at top.
804				C,W	D,S		Unit number 11. 6-5/8-inch casing at top.
308				C,W	D,S		Unit number 15. 6-5/8-inch casing at top.
813				C,W	D,S		Unit number 26. 6-5/8-inch casing at top.
317				C,W	D,S		Unit number 23. 6-5/8-inch casing at top.
821				C,W	D,S		Unit number 28. 6-5/8-inch casing at top.
824				C,W	D,S		Unit number 31. 6-5/8-inch casing at top.
827	77.1	Feb. 1940	7,	C,W	D,S	Gentle slope	No casing at top; some casing at bottom. Well on slope to depression lake.
828				T,G, 85	I	Ridge- top	3-stage pump set at 130 feet; 20 feet of 8-5/8-inch suction. Reported yield, 800 gallons a minute. 183 feet of 14-inch casing with bottom 100 feet perforated. Drilled by B. B. Baron.

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

 $<sup>\</sup>underline{d}$ / No water sample collected for analysis.

e/ Water level reported.

Unit number refers to farm number of U. S. Department of Agriculture - Farm Security Administration.

	Depth	Thickness	
(feet)	(feet)	(feet)	(feet)
D-4311- 3 706			_
Driller's log of well 306 R. F. Duggan & Loffland Lessor- Y		Driller's log of well 590Cont	
House Land Company. Well 1.	GTTOM .	Red flint 3 Gray sandstone 4	111
Caliche 40	1 40	Light-brown sand, gravel and	115
Surface sand and gravel 50	90	clay 24	370
Water sand 30	120	Sandy brown clay 19	139 158
Red rock and shells 70	190	Gray coarse sand 7	165
Red beds 50	240	Brown coarse sand and gravel 35	200
Hard sand 20	260	Loose coarse sand and gravel 4	204
Red beds and shells 840	1100	TOTAL DEPTH	204
Red beds and shale 200	1300		
Red rock 60	1360	Driller's log of well 682	
Shale and shells 95	1455	Spade Ranch, 9-3/4 miles east of	
Red rock, shale and shells 335	1790	Levelland.	
Red rock 90	1880	Porous sandy clay 85	85
inhydrite 25	<b>1</b> 905	Yellow clay 20	105
Broken anhydrite, red rock,		Blue clay 15	120
shale and shells 183	2088	Rock 10	130
TOTAL DEPTH	4665	Blue limestone 20	150
700133 and 0 3 a 0 a 2 0 0 3 1 1 1 1 1 1 1		Red beds 20	170
Driller's log of well 457	A	TOTAL DEPTH	170
C. L. Langston, 3½ miles east of . Unknown 60	an con.		
Dry red sand 40	100	Driller's log of well 729	
First water 10	110	World Oil Company, W. L. Ellwood well 1, 152 miles southeast of Le	
Caliche 45	155	Clay 40	verrand.
Gravel, weak water 10	165		
Yellow gumbo 15	180	Sandy red shale 75   Water sand 40	115 155
Blue shale 9	189	Quicksand 25	<b>1</b> 55 180
TOTAL DEPTH	189	11 •	275
	·	Blue shale 95   White lime 60	335
Driller's log of well 58	5	Red beds 55	<b>3</b> 90
City of Levelland, in Levelland.	-	Blue shale 15	405
Top soil 2	2	Red beds 155	560
Sand 10	12	Sandy gray lime 30	590
Soft clay 33 Hard rock 6	45	Red beds 110	700
	51	Sandy gray shale, 2 bailers	·
Soft formation 4	55	of water per hour 35	735
Rock 4	59	Red beds 30	765
Soft sand formation - 17	76	Red sand 20	785
Hard rock 3	79	Red beds 35	820
Extra soft sand 17	96	Water sand, 8 bailers of	
Extra hard rock 7  Tater sand 20	103	water per hour 20	8,10
Soft sandy clay 28	123 151	Red beds 230	1070
Water sand 47	198	Gray shale 35	1105
TOTAL DEPTH	198	Red beds 409	1514
- V	1 450	Anhydrite 4	1518
Driller's log of well 59	0	Red beds 6	1524
F. W. Walker, 14 miles northeast		Lime 7 Anhydrite 18	1531
Levelland.	-	Shale 6	1549
Gray limey flint 91	91	Sandy lime 2	1555 1557
Gray sandy caliche 5	96	Anhydrite 16	1573
Wrter 10	106	Hard sand 9	1582
Gray sandy caliche 2	108	(Continued on next page)	1 - )

	Depth	Thickness	
(feet)	(feet)	(feet)	(feet)
Dudlionia lon of mall 700 Monte		Duillouis los of11 771 00	
Driller's log of well 729Cont: Sandy shale 16		Driller's log of well 731Co. Sandy shale 134	
· ·	1598	(1 °	1529
Shale and shells 97	1695	Shale, hard sand streaks 41	1570
Shele 5 Hard sand 10	1700	Shale 70 Shale, shells 190	1640
	1710		1830
Sticky shale 5	1715	Herd sand and lime - 30	1860
Sand 15	1730	Hard sand streaks and shale 93	1953
Sand and shells 15	1745	Shale 23	1976
Hard sand 12	1757	Shale, lime 99	2075
Shale 28	1785	Sand and shale 26	2101
Blue shale 35	1820	Shale, hard sand 17	2118
TOTAL DEPTH	5080	Hard sand rock 7	2125
		Shale, shells 31	2156
Driller's log of well 730		Shale, hard sand 29	2185
F. A. Bates Company, A. L. Locket	t well 1,	Shale, shells 15	2200
13-3/4 miles south of Levelland.		Shale, sand 22	2222
Caliche 40	40	Hard red shale and lime 28	2250
Caliche and sand 110	150	Red shale, shells ll	2261
Sand 10	160	TOTAL DEPTH	5074
Clay 37	<b>1</b> 97		
Clay and hard sand 133	330	Driller's log of well 732	
Shale 80	410	Snowden & McSwenney Company, A.	
Red rock 20	430	Slaughter well 1, $12\frac{1}{2}$ miles sout	h of
Blue shale 135	565	Levalland.	
Sand 5	570	Surface soil 40	40
Blue shale 80	650	Sand and shale 291	331
Send 15	665	Sand, shale, shells - 62	393
Blue shale 235	900	(Set and cemented 12½-inch	Į.
Sand 140	1040	casing with 200 sacks	
Red beds 360	1400	cement), sand, shale 146	539
Send 490	1890	Sand, red beds 215	754
Red beds 155	2045	Shale, sand shells 241	995
Hard sand 5	2050	Shale 350	1345
TOTAL DEPTH	5260	Sand, shells 118	1463
		Sand, shells and shale 127	1590
Driller's log of well 731		Red beds 79	1669
Gulf Oil Corporation, N. G. Gordon	ı well	Sand, shells and shale 126	1795
1, 13 miles south of Levelland.		Shale, shells and sand 150	1945
Surface gravel 47	47	Shale 149	2094
Sand 48	95	TOTAL DEPTH	5096
Rock 2	97		
Sand shells 138	235	Driller's log of well 733	
Hard sand, shale 110	345	Honolulu Cil Corporation. Lesso	
Sand and lime 25	370	Alex A. Slaughter estate, well 2	<b>-77, 1</b> 3
Shale 68	438	miles south of Levelland.	
Shale, sand 102	540	Cellar 13	1 13
Sand and shale 68	608	Caliche, surface sand - 92	105
Sandy shale, shells 175	783	Sand, water 30	135
Shale, hard sand shells- 67	<b>850</b>	Shale, shells 225	360
Shale 140	990	Blue shale 50	410
Hard sand 20	1010	Red rock, sand, shale - 1715	2125
Shale 340	1350	Hard sand 50	2175
Hard sandy lime 6	1356	Red rock, gypsum 55	2230
Shale 28	1384	Anhydrite 100	i 2330
Hard sand 11	1395	(Continued on next page)	
	•		

Thickness   Depth	Thickness Depth
(feet) (feet)	(feet) (feet)
<u>,</u>	
Driller's log of well 733Continued	Driller's log of well 744
Selt 30   2360	United States Department of Agriculture,
TOTAL DEPTH 5015	Farm Security Administration, 134 miles
	southeast of Levelland.
Driller's log of well 734	Soil 3   3
Honolulu Cil Corporation. Lessor -	Caliche 17   20
Alex A. Slaughter estate, well 1-51,	Sandy clay 34 54
12-3/4 miles southwest of Levelland.	Rock 24 78
Cellar 10 10	Sand and clay 46 124
Sand, caliche 190 200	Sand and gravel 8   132   132   132
Blue shale, shells 120 320	TOTAL DEPTH 132
Red beds 1750   2070   Broken sand 120   2190	Dwillows loss of woll 7)
Broken sand 120 2190 Anhydrite 100 2290	Drillers log of well 745 United States Department of Agriculture,
Red beds, shale 210 2500	Farm Security Administration, 13 miles
Anhydrite, red salt bed 309 2809	southeast of Levelland.
TOTAL DEPTH 4973	Soil 4   4
101811 1111 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Sand and clay 16 20
Driller's log of well 735	Rock 22 142
Gulf Oil Corporation, Gulf Production	Sand and rock 46 88
Division. Lessor - Mallet Land & Cattle	Sand and clay 27 115
Company, well 1, 142 miles southwest of	Gravel 4 119
Levelland.	TOTAL DEPTH 119
Sand 180   180	
Sand and blue shale 141 321	Driller's log of well 746
Sand, shale and lime shells 90 411	United States Department of Agriculture,
Shale 83 494	Farm Security Administration, 121 miles
Shale and red rock 44 538	southeast of Levelland.
Red rock and shells 786   1324	Soil 8   8
Red rock and gypsum shells 146   1470	Caliche and clay 32 40
Red and blue shale 120   1590	Sand rock 12 52
Red rock and shells 89 1679	Rock 8 60
Red beds and gypsum shells 227   1906	Sand and caliche 24 84
Red beds 77 1983	Sand and gravel 49 133
Red beds and sand shells 132 2115	TOTAL DEPTH 133
TOTAL DEPTH 5034	
m 177 l 7 n 77 m	Driller's log of well 747
Driller's log of well 736	United States Department of Agriculture,
S. W. Richardson Company, Sue Alice	Farm Security Administration, 12 miles
Slaughter, well 1, $ll_{\frac{1}{4}}^{\frac{1}{4}}$ miles southwest of	southeast of Levelland.
Levelland.	Soil 3   3
Sand and red beds 322   322	Caliche and clay 37 40
Blue shale 39   361 Red beds 104   525	Rock 8 48
Red beds 104   525 Sand, blue shale 139   664	Sand and clay 42 90
Red rock and sand - 451 1115	Sand 35   125   TOTAL DEPTH 125
Sand and red rock 230 1345	TOTAL DEPTH   125
Red beds, shale and shells 135 1480	Driller's log of well 748
Red shale 430 1910	United States Department of Agriculture,
Gypsum, shells and shale 65 1975	Farm Security Administration, 11-3/4 miles
Hard sand, red beds, shale	southeast of Levelland.
and lime shells 162 2137	Soil 4   4
2ed beds, shells 3 2140	
Inhydrite 29 2169	Clay 26   30     Sand and rock 35   65
OTAL DEPTH 4994	(Continued on next page)
the state of the s	TG-1

	1
Thickness Depth	Thickness Depth
(feet) (feet)	(feet) (feet)
Driller's log of well 748Continued	Driller's log of well 753Continued
Sand and clay 30 95	Sandy clay 25   98
Sand 20 115	Sand and gravel 14   112
TOTAL DEPTH 115	TOTAL DEPTH 112
Driller's log of well 749	Driller's log of well 754
United States Department of Agriculture,	United States Department of Agriculture,
Farm Security Administration, $11\frac{1}{4}$ miles southeast of Levelland.	Farm Security Administration, 12½ miles
Soil 4 4	southeast of Levelland.
	Soil 5   5
Clay and caliche 30 34 30ck 10 44	Clay and caliche - 70 75 Rock 6 81
Sandy clay 43 87	Sand and clay 19 100
Sand and gravel 18 105	· · · · · · · · · · · · · · · · · · ·
TOTAL DEPTH 105	Sand 25   125   TOTAL DEPTH 125
1 10)	101AD DEFTIN 2 2 2 2 12.9
Driller's log of well 750	Driller's log of well 755
United States Department of Agriculture,	United States Department of Agriculture,
Farm Security Administration, $11\frac{1}{4}$ miles	Farm Security Administration, 12-3/4
southeast of Levelland.	miles southeast of Levelland.
Soil 4 4 4	Soil 6   6
Caliche and clay 44 48	Caliche 12 18
Rock 3 51 Sand rock 22 73	Sand and caliche 49 67
	Rock and sand rock 28 95
Sand and clay 27 100	Sand and gravel 27   122
Sand 26   126   TOTAL DEPTH 126	TOTAL DEPTH 122
TOTAL DEPTH   126	Duillouis los of mall 756
Driller's log of well 751	Driller's log of well 756 United States Department of Agriculture,
United States Department of Agriculture,	Farm Security Administration, 12-3/4
Farm Security Administration, $ll^{\frac{1}{2}}$ miles	miles southeast of Levelland.
southeast of Levelland.	Soil 3 1 3
Soil 5   5	Caliche and clay 49 52
Caliche 45 50	Rock 8 60
Rock and caliche 45 95	Caliche 35 95
Sand and gravel 28 123	Sand and gravel 32 127
TOTAL DEPTH 123	TOTAL DEPTH 127
Driller's log of well 752	Driller's log of well 757
United States Department of Agriculture,	United States Department of Agriculture,
Farm Security Administration, 12 miles	Farm Security Administration, 13 miles
southeast of Levelland.	southeast of Levelland.
Soil 7 7 7	Top soil 6   6
Caliche and clay 49 56	Caliche 29   35
Send rock and boulders - 41 97	Sand rock and caliche -       23       58         Boulders       11       69
Send and gravel 31   128	Boulders 11 69
TOTAL DEPTH 128	Sand and clay 26   95
model and the second	Water sand 24   119
Driller's log of well 753	TOTAL DEPTH ! 119
United States Department of Agriculture,	Dutan
Form Security Administration, 124 miles	Driller's log of well 758
southeast of Levelland.	United States Department of Agriculture,
	Farm Security Administration, 134 miles southeast of Levelland.
Clay and caliche 46 50 Rock and caliche 23 73	Soil 3
TOOL GROUND COLUMN =	

(Continued on next page)

3

Rock and caliche -

Thickness Depth	Thickness Depth
(feet) (feet)	(feet) (feet)
Driller's log of well 758Continued Clay and caliche 37 40 Rock 35 75 Sand and clay 35 110 Gravel 3 113 TOTAL DEPTH 3 113  Driller's log of well 759 United States Department of Agriculture, Ferm Security Administration, 13-3/4 miles southeast of Levelland.  Soil 6 6	Driller's log of well 763 United States Department of Agriculture, Farm Security Administration, 14 miles southeast of Levelland. Soil 4 4 Clay and caliche 66 70 Boulders 15 85 Rock 15 100 Sand 25 125 TOTAL DEPTH 125  Driller's log of well 764 United States Department of Agriculture,
	Farm Security Administration, 142 miles
Sand and clay 43   130   Gravel 11   141   TOTAL DEPTH   141   Driller's log of well 760	southeast of Levelland.   Soil 4
United States Department of Agriculture, Farm Security Administration, 14 miles	Sand 15   124   TOTAL DEPTH   124
southeast of Levelland.  Soil 3   3  Sand and clay 32   35  Rock 40   75  Sand and clay 45   120  Gravel 6   126  TOTAL DEPTH 6   126  Driller's log of well 761  United States Department of Agriculture,  Farm Security Administration, 13 miles	Driller's log of well 765 United States Department of Agriculture, Farm Security Administration, 15 miles southeast of Levelland. Soil 3 3 Clay and caliche - 54 57 Boulders 6 63 Sand and caliche - 17 80 Sand and gravel 20 100 TOTAL DEPTH 100
Southeast of Levelland.  Soil 10	Driller's log of well 766 United States Department of Agriculture, Farm Security Administration, 15-3/4 miles southeast of Levelland. Soil 4 4 4 Caliche 22 70 Caliche 22 70 Caliche 10 80 Sandy clay 16 96 Clay and gravel 32 128 TOTAL DEPTH 128
Southeast of Levelland.  Soil 4	Driller's log of well 767 United States Department of Agriculture, Farm Security Administration, 16 miles scutheast of Levelland. Soil 3 3 Clay and caliche - 32 35 Rock 53 88 Sand and clay 27 115 Gravel 9 124 TOTAL DEPTH 124

Thickness D		Thickness	
(feet)   (	feet)	(feet)	(feet)
Driller's log of well 768	1	Driller's log of well 773	
United States Department of Agricult		United States Department of Agricu	
Farm Security Administration, $15\frac{1}{4}$ mi	.les	Farm Security Administration, 142	miles
southeast of Levelland.		southeast of Levelland.	
Soil 4	4	Soil 3	3
Clay and caliche 61	65	Caliche 20	23
Sand and rock 25	90	Sand and clay 17	40
Sand and clay 30	120	Rock 35 Sandy clay 45	75
Sand and gravel 10	130	Sandy clay 45	120
TOTAL DEPTH	130	Gravel 3	123
		TOTAL DEPTH	123
Driller's log of well 769			
United States Department of Agricult	ure,	Driller's log of well 774	
Farm Security Administration, 15 mil	.es	United States Department of Agricu	il ture,
southeast of Levelland.	1	Farm Security Administration, 142	
Soil 4	4	southeast of Levelland.	
Clay and caliche 61	65	Soil 4	4
Rock 12	77	Clay 10	14
Sand and clay 23	100	Caliche 26	740
Sand 30	130	Rock 6	46
TOTAL DEPTH	130	Caliche and rock 17	63
		Sand and gravel 42	105
Driller's log of well 770		TOTAL DEPTH	105
United States Department of Agricult	ure.		
Farm Security Administration, 14-3/4		Driller's log of well 775	
miles southeast of Levelland.	•	United States Department of Agricu	il ture.
Soil 4	14	Farm Security Administration, 14	
Clay and caliche 42	46	southeast of Levelland.	
Rock and caliche 27	73	Soil 4	4
Sandy clay 52	125	Caliche and clay 30	34
Gravel 10	135	Rock 20	54
TOTAL DEPTH	135	Sandy clay 16	70
TOTAL DIST TIL	<del>//-</del>	Rock 2	72
Driller's log of well 771		Sand rock 14	<b>86</b>
United States Department of Agricult	iine	Sandy clay 26	112
Farm Security Administration, 14 mi		Gravel 13	125
southeast of Levelland.	.103	TOTAL DEPTH	125
	7	TOTAL DESTINATION	+4.)
Soil 3   42	3 45	Driller's log of well 776	
	80	United States Department of Agrica	17 t1170
Rock 35 Sandy clay 45	125	Farm Security Administration, 14	
Gravel 7	- 1	southeast of Levelland.	HTTCD
TOTAL DEPTH	132	Soil 4	14
TOTAL DEFIL	132	Red clay 30	3 <sup>1</sup> 4
Driller's log of well 772		·   · · · · · · · · · · · · · · · · · ·	64
United States Department of Agricult	ure.	· · · · · · · · · · · · · · · · · · ·	
Warm Security Administration. 142 mi		:1	79
southeast of Levelland.	į	Sand and clay 50	129 144
	3 46	Water sand 15	1717
Olay and caliche 43		TOTAL DEPTH	744
Rock 13	59	n-1711- 7	
Caliche and sandstone - 37	96	Driller's log of well 777	.7 +
Sond and caliche 49	145	United States Department of Agricu	
Gravel 10	155	Farm Security Administration, 144	miles
Slue clay 3	158	southeast of Levelland.	١.
TOTAL DEPTH	158	Soil 4	14
	1	(Continued on next page)	

Thickness Depth
(feet) (feet)
Driller's log of well 782Continued         Sand and clay 21       25         Sand and rock 60       85         Yellow sand 24       109         Water sand 20       129
TOTAL DEPTH 129
Driller's log of well 783 United States Department of Agriculture, Farm Security Administration, 13 miles southeast of Levelland. Soil 4 4 4 Clay 31 35 Sand and rock 15 50 Sand and clay 60 110 Sand 20 130 TOTAL DEPTH 130
Driller's log of well 784 United States Department of Agriculture, Farm Security Administration, 13-3/4 miles southeast of Levelland.
Soil 4 4 4 4 Clay 26 30 Sand and clay 10 40 Rock 10 50 Sand and clay 20 70 Sand 40 110
Driller's log of well 785 United States Department of Agriculture, Farm Security Administration, 14 niles southeast of Levelland. Soil 3 3 Clay and caliche 37 40 Rock 35 75
Sand and clay 35   110   Gravel 8   118   TOTAL DEPTH   118
Driller's log of well 786 United States Department of Agriculture, Farm Security Administration, 14 miles southeast of Levelland. Soil 4 4 Sand and clay 16 20 Rock 16 36 Clay and sand rock 42 78 Sand and rock 20 98 Sand and clay 13 111 Sand and gravel 25 136 TOTAL DEPTH 136

Soil -

TWDIE OF DITTIETS - DOGS	, nother compandontinaed
Thickness Depth (feet) (feet)	Thickness Depth (feet) (feet
Driller's log of well 787 United States Department of Agriculture, Farm Security Administration, 15½ miles southeast of Levelland. Soil 4	Driller's log of well 791 United States Department of Agriculture, Farm Security Administration, 17½ miles southeast of Levelland. Soil 3 3 3 Clay 18 21 Rock 35 56 Clay and rock 30 86 Sand and clay 34 120 Gravel 2 122 TOTAL DEPTH 122
Driller's log of well 788  United States Department of Agriculture, Farm Security Administration, 15½ miles coutheast of Levelland.  Soil 4 4 48  Clay and caliche 44 48  Sand and rock 36 84  Sand 18 102  Sandy gravel 14 116  Sondy clay 22 138  Water sand 15 153  TOTAL DEPTH 153	Driller's log of well 792  United States Department of Agriculture, Farm Security Administration, 18 miles southeast of Levelland.  Soil 4
Driller's log of well 790 United States Department of Agriculture, Farm Security Administration, 16½ miles southeast of Levelland.  Soil 3 3 3 Caliche 17 20 Sand and rock 50 70 Sand and clay 48 118 Gravel 6 124	

TOTAL DEPTH

Logs of test wells drilled by "I. P. A. labor in Hockley County, Texas Samples examined and classified by Carl B. Mueller Project Superintendent

Thi <b>c</b> kness	Depth
(feet)	(feet)

### Well 231

East slope of dry lake, E. Pfeifer tract, 600 feet east of southwest corner labor 16, league 717, 4-3/4 miles west of Whitharral. Gray surface sand-Sandy yellowish-gray clay-- -6 Yellowish-gray sand -13 Sandy yellow clay and chalk -2 15 Rock - -15 April 19, 1939.

#### Well 232

Fast side of dry lake, E. Pfeifer tract, 450 feet east of southwest corner labor 16, league 717, 4-3/4 miles west of Witharral.

Sandy yellowish-gray

	6-	. ~ 3		
clay -			6	6
Thite sand			5	11
Gray clay-			1	12
Light yellow	sand-		3	15
Sandy white	chalky	y		
clay -		-	9	24
Light-yellow	sand.		6	30
Red sand, dan	np -		1	31
Tan sand and	chall	ζ	2	33
Red clay and	sand.		1	34
Tan sand, wat	ter .		3	37
Struck water	at 34	1 feet.	Water :	level,
31 feet below	v top	of grou	und, 30 ł	nours
after hole co	mple	ted. Ar	oril 19,	1939.

#### Well 233

East side of dry lake, E. Pfeifer tract, 300 feet east of southwest corner labor 16, league 717, 4-3/4 miles west of whitharral.

Sandy grayish-white	clay- 10	10
Yellow clay, little		
sand	- 11	21
Red and yellow clay	- 3	24
Tan sand, damp	- 2	26
Sandy red clay	<b>-</b> 3	29
Yellowish-red sand,		ł
water	<b>-</b> 3	32
Struck water at 29 f	feet. Mater	level,
29 feet below top of	f ground, 30	hours

ofter hole completed. April 20, 1939.

Thickness	Depth
(feet)	(feet)

### Well 234

Center of dry lake, E. Pfeifer tract, 150 feet east of southwest corner labor 16, league 717, 4-3/4 miles west of Whitharral. Gray clay - - -9 Sandy grayish-white clay-Yellow clay - -5 14 White chalk and clay 21 Yellowish-red sand, damp -5 26 Red clay 29 Yellowish-red sand, water-3 32 Struck water at 29 feet. Tater level, 27 feet below top of ground, 30 hours after hole completed, April 20, 1939.

#### Tell 235

Center of dry lake, E. Pfeifer tract, southwest corner of labor 16, league 713, 4-3/4 miles west of Whitharral. Gray clay -2 Sandy grayish-white clay - - -Sandy yellow clay, little chalk -14 Chalky white clay -20 26 Yellowish-red sand, damp Red clay 30 -----4 Yellowish-red sand -2 32 Struck water at 29.5 feet. Water level. 26.4 feet below top of ground, 24 hours after hele completed. April 20, 1939.

#### Tell 236

Center of dry lake, E. Pfeifer tract, 150 feet west of southeast corner labor 20, league 718, 4-3/4 miles west of Whitharral. Gray clay - - -Yellowish-gray clay-4 9 Yellow clay and chalk -13 Sandy yellowish-red clay-19 Yellowish-red sand -7 26 Yellow sand- - -30 Struck water at 27 feet. Tater level, 26.3 feet below top of ground, 24 hours after hole completed. April 20, 1939.

Thickness Dept		Thickness Depth
(feet) (fee	<u>t)</u>	(feat)
Tall 237		Well 258 - continued
<u> </u>		Jell 200 - Collettided
Test side of dry lake, E. Pfeifer trac	.+.	Yellowish-white sand,
300 feet west of southeast corner labor		little clay 7   34
20, league 718, 4-3/4 miles west of	-	Thite sand 2 36
Thitharral.		Rock 36
-	3	April 26, 1939.
Sandy yellowish-gray		**************************************
	1	Tell 259
·	.5	miglifient-fails procedured and the shallows
	.7	Center of dry lake, Z, B. Pirtle tract,
Red sand 9 2	36	650 feet east of southwest corner labor
Yallowish-red sand,		16, league 731, $7\frac{1}{2}$ miles southwest of
water 5 3	31	Whitharral.
struck water at 26 feet. Water level,	,	Gray clay 3   3
27.4 feet below top of ground, 48 hour		Sandy yellowish-gray
after hole completed. April 21, 1939.		clay 13 16
		White sand 1 17
Well 238		Sandy yellow clay 6 23
•		White sand, little clay- 7 30
Test slope of dry lake, E. Pfeifer tra		White sand 8 38
450 feet west of southeast corner labor	r	Rock 38
20, league 718, 4-3/4 miles west of		April 26, 1939.
Thitharral.		
Gray clay 2	2	<u>™ell 260</u>
Sandy yellowish-gray		
· · · · · · · · · · · · · · · · · · ·	7	Center of east side of dry lake, Z. B.
	.0	Pirtle tract, 800 feet east of southwest
•	Ω.	corner labor 16, league 731, 7½ miles
April 21, 1939.		southwest of Whitharral.
		Gray clay 4 4
<u> </u>		Sandy yellowish-gray clay- 7 11
77 / 3 0 3 3 1 7 DO 10 1		White sand 4 15
Test slope of dry lake, E. Pfeifer tra		Sandy yellow clay 4 19
350 feet east of southwest corner labo	r	White sand, chalk and
16, league 731, $7\frac{1}{2}$ miles southwest of		clay 6   25   Rock 25
Thitharral.	7	i i
1	1 LO	April 26, 1939.
	LO	**************************************
Sandy yellowish-gray clay 3	13	<u> </u>
<u>-</u>	17	East slope of dry lake, Z. B. Pirtle
Ç *	21	tract, 950 feet east of southwest corner
, , , , , , , , , , , , , , , , , , , ,	21	labor 16, league 731, $7\frac{1}{3}$ miles southwest
April 26, 1939.	<i></i>	of Whitharral.
		Brown soil and sand - 2 2
Well 258		Yellowish-gray sand- 5 7
OF CATE OF CA		White chalky clay 2 9
Center of west side of dry lake, Z. B.		Sandy grayish clay and
Pirtle tract, 500 feet east of southwe		chalk 5 14
corner labor 16, league 731, $7\frac{1}{2}$ miles		Rock 14
southwest of Whitharral.		April 26, 1939.
THE LIGHT THE TO CONVENIENCE OF CONTROL OF C	_	T-bran wo too

Sandy gray clay- -

clay-

Sandy yellowish-gray

10

17

10

27

Thickn (fee		Depth (feet)
Well 266		
South slope of dry lake, C. 300 feet north of southeast 10, league 731, $5\frac{1}{4}$ miles so Thitharral.	corn	er labor
Sandy brown soil and sand-	2	2
	5	7
Tan sand and chalk	4	1.1
Rock		11
April 17, 1939.		I
ell 267		

South slope of dry lake, C. Breed tract, 450 feet north of southeas ner labor 10, league 731, $5\frac{1}{2}$ mile west of Thitharral.	st cor-
Sandy brown soil and sand- 1	1
Sandy brownish-gray	
clay 7	8
Tan-colored sand and	
gray clay 2	10
White chalk and clay - 2	12
Tan-colored sand,	
little clay 2	14
Sandy white chalky	
clay 1	15
Rock	15
April 17, 1939.	1

South slope of dry lake, C. Breeden

tract, 600 feet north of southeast corner labor 10, league 731,  $5\frac{1}{4}$  miles southwest of Thitharral. Tan-colored sand 2 Sandy yellowish-gray clay----3 5 Fine-grained yellow 8 sand-9 Sandy yellow clay -1 Rock -

#### Well 269

April 17, 1939.

Near center of dry lake, C. Breeden tract, 750 feet north of southeast corner of labor 10, league 731,  $5\frac{1}{4}$  miles southwest of Whitharral. Dark gray clay - 1 1 Yellowish-gray clay - 5

	Thick	ness	Depth
	(ſe	et)	(feet)
Vell 269 -	<b>c</b> onti:	nued	
Yellowish-gray sand,			
little clay	_	2	8
Reddish-yellow sand-	•	1	9
Sendy yellow clay -	_	3	12
Sandy yellow clay and			Ī
chalk	-	5	17
Sandy yellowish-white			
clay	**	1	18
Rock	WAR.		18
April 17, 1939.			

#### Tell 270

Center of dry lake, C. Breeden tract, 900 feet north of southeast corner labor 10, league 731,  $5\frac{1}{4}$  miles southwest of Thitharral. Brown surface clay -1 6 Dark-gray clay -5 3 9 Yellowish-gray clay-Thite sand -3 12 Sandy yellow clay -5 17 Sandy brownish-yellow 22 clay - -Sandy yellcwish-white 8 30 clay -3 33 Light red sand, damp Yellowish-white sand, 8 41 damp -Rock 41 April 17, 1939.

### Tell 271

Center of dry lake, C. Breeden tract, 1050 feet north of southeast corner labor 10, league 731,  $5\frac{1}{4}$  miles southwest of Thitharral. Dark-gray clay -5 -5 Yellowish-gray clay, little sand -5 10 3 13 Yellowish-white sand 2 15 Sandy yellow clay -Sandy brownish-yellow 5 20 clay-- -Red sand and yellow 23 clay---Grayish-white sand and clay-3 26 5 31 Red and yellow sand 35 Yellowish-white sand White sand-37 April 17, 1939.

		,	
Thickness	Depth	Thickness	Depth
(feet)	(feet)	(feet)	(feet)
Well 272		Well 406 - continued	
* grant and a state of the stat		angular contribution and analysis analysis and analysis and analysis and analysis and analysis and analysis and analysis and analysis and analysis and analysis and analysis and analysis and analysis and analysis and analysis and analysis and analysis and analysis and analysis and analysis analysis and analysis and analysis and analysis and analysis and analysis and analysis and analysis and analysis and analysis and a	
Wear center of dry lake, C. Breed	.en	Brown soil and sand 3	3
tract, 1200 feet north of southea		Brownish-gray sand 1	4
ner labor 10, league 731, $5\frac{1}{4}$ mile	s south-	Yellowish-white chalk,	
west of Whitharral.	ı	sand and clay 9	13
Dark-gray clay 5	5	Rock	13
Yellowish-gray clay,		August 25, 1939.	
little sand 4 Grayish-white sand 3	9 12	TO 3 3 407	
Sandy yellow clay 11	23	<u>Vell 407</u>	
Red sand and yellow	20	Near center of dry lake, A. Ellis	s tract
clay 3	26	650 feet west of southeast corner	
Yellowish-white sand - 7	33	1, league 709, 4 miles west of Ar	
Thite sand 7	40	Brownish-gray surface clay- 7	1 7
Rock	40	Yellowish-gray sand 3	10
April 18, 1939.	`	White sand 3	13
		Yellow sand 4	17
Well 273		Sandy yellowish-white	
		chalky clay 3	20
North side of dry lake, C. Breede		Rock	20
1600 feet north of southeast corn		August 25, 1939,	
10, league 731, $5\frac{1}{4}$ miles southwes	tof		
Whitharral.		<u> 7e11 408</u>	
Dark-gray clay 3 Yellowish-gray clay 3	3 6	Noon conton of day lake A Filip	+ maa+
Grayish-white sand 2	8	Near center of dry lake, A. Ellis 800 feet west of southeast corner	
Yellow sand and clay - 5	13	1, league 709, 4 miles west of An	
Sandy yellowish-brown clay- 6	19	Gray surface clay 7	7
Yellowish-white sand,		Sandy gray clay 7	14
little clay 6	25	Yellowish-gray clay, little	
Grayish-white sand 5	30	sand 5	19
Rock		Thite sand 1	20
April_18, 1939.	,	Sandy reddish-yellow clay - 4	24
		Sandy white chalky clay - 6	30
<u>Vell 274</u>		Red sand, little clay 17	47
		Reddish-yellow sand,	
North slope of dry lake, C. Breed		little clay 4	51
tract, 1600 feet north of southea		Rock	51
ner labor 10, league 731, $5\frac{1}{4}$ mile	s south-	August 28, 1939.	
west of Whitharral.	1 -	To 11 400	
Red surface sand 1	1 3	<u>Tell 409</u>	
Gray clay and sand - 2 Yellowish-gray sand - 2	5	Near center of dry lake, A. Ellis	troat
Tan-colored sand and		950 feet west of southeast corner	
chalk 6	11	1, league 709, 4 miles west of An	
Thite chalky clay 1	12	Brownish-gray surface	
Rock	12	clay 8	8
April 18, 1939.		Sandy grayish-white chalky	
		clay 6	14
Well 406		Yellowish-gray clay 5	19
		Sandy brown clay 2	21
East side of dry lake, C. Breeden		Rock	21
500 feet west of southeast corner	lahor	August 28, 1939.	•

August 28, 1939.

500 feet west of southeast corner labor 1, league 709, 4 miles west of Anton.

Logs of W. P. A. test wells in Hockley County -- continued

	Thickness (feet)	Depth (feet)
Well	410	
Near center of dry lab 800 feet east and 150		
southeast corner labor miles west of Anton.	r 1, league	709, 4
Gray clay	- 6	6
Grayish-white chalky		
clay	- 6	12
Yellow sand	- 5	17
Sandy yellow chalky		
clay	- 4	21
Rock	-	21
August 28, 1939.		ŧ

South slope of dry lake, J. T. Lakey tract, 400 feet north of southeast corner sec. 23, blk. A, 4 miles south of Anton. Surface soil 7 Yellow clay-2 3 Sandy red clay -6 Yellow sand. little clay-2 8 Rock -

#### Well 421

May 31, 1939.

South slope of dry lake, J. T. Lakey tract, 550 feet north of southeast corner sec. 23, blk. A, 4 miles south of Anton. Gray surface clay -Sandy yellow clay -6 Tan-colored sand and 2 clay-8 Yellow sand and clay -17 Yellow clay and chalk -19 Rock - -19 May 31, 1939.

#### Well 422

Center of south side of dry lake, J. T. Lakey tract, 700 feet north of southeast corner sec. 23, blk. A, 4 miles south of Anton.

Gray surface	clay	y -	-	5	5
7-llow sand-	-		-	4	9
andy grayish	-ye	llow			
clay	-	-		2	11
Yellcw sand	_	-	-	2	13

	Thickness (feet)	Depth (feet)
<u> Vell 422</u>	- continued	
Sandy yellow clay - Rock May 31, 1939.	- 5 -	18 18

#### Tell 423

Center of dry lake, J. T. Lakey tract, 850 feet north of southeast corner sec. 23, blk. A, 4 miles west of Anton. Gray surface clay -8 Sandy yellow clay -17 Yellow sand -19 Sandy yellow clay -9 28 Yellow sand -10 38 Rock-38 May 31, 1939.

#### Tell 424

Near center of dry lake, J. T. Lakey tract, 950 feet west of southeast corner sec. 23, blk. A, 4 miles south of Anton. Gray surface material -Sandy yellow clay -21 13 Yellow sand -3 24 Sandy yellow clay -26 Yellow sand -9 35 Rock -35 May 31, 1939.

#### Tell 425

Near center of dry lake, J. T. Lakey tract, 1100 feet west of southeast corner sec. 23, blk. A, 4 miles south of Anton. Gray surface clay -Sandy yellowish-gray 7 clay-3 Sandy yellow clay -20 Sandy yellowish-brown clay-27 Yellowish-white sand 35 35 June 1, 1939.

wells in Hockley County

Logs of W. P. A. ter	st wells i	in Hockley County continued	
Thickness (feet)	Depth (feet)		Depth (feet)
<u>Well 426</u>		<u>Well 508</u>	
Near center of dry lake, J. T. Latract, 1250 feet north of souther ner sec. 23, blk. A, 4 miles southern.  Dark-gray surface clay- Sandy gray clay + - 5 Sandy yellow clay 6 Yellow sand 2 Sandy rust-colored clay 5 Yellow sand and clay - 3 Light-red sand - 7 Yellowish-white sand - 8 Rock	ast cor-	Center of dry lake, F. F. Bozeman to feet south of northwest corner la league 44, 5 miles west of Levell Gray clay 11 Yellow sand, little clay 3 Sandy yellow clay 10 'Thite chalk and clay - 5 Yellow sand and chalk - 6 Pock	bor 3, and. 11 14 24 29 35 35
June 1, 1939.		Center of dry lake, F. F. Bozeman 450 feet south of northwest corne 3, league 44 5 miles west of Lev Gray clay 11	r labor
Vorth side of dry lake, J. T. Lak tract, 1400 feet north of souther ner sec. 23, blk. A, 4 miles sout Anton.  Surface sand and soil- 1  Yellowish-brown clay - 3  Rock	ast cor-	Sandy yellow clay 7 Yellow sand 5 Sandy yellow clay 4 Yellow sand 9 Chalky-white sand 4 Rock July 11, 1939.	18 23 27 36 40 40
June 1, 1939. Well <b>5</b> 06		<u>'7ell 510</u>	
Morth slope of dry lake, F. F. Botract, northwest corner labor 3, 44, 5 miles west of Levelland.  Grayish-brown sand - 3 Sandy gray clay 3 White chalk and clay - 1 Sandy tan-colored clay and chalk 6 Rock July 7, 1939.		Center south side of dry lake, F. Bozeman tract, 600 feet south of west corner labor 3, league 44, 5 wost of Levelland.  Gray clay	nor th-
Well 507		Tell 517	

Center of north side of dry lake, F. F. Bozeman tract, 150 feet south of northrest corner labor 3, league 44, 5 miles west of Levelland. Gray surface clay-6 9 Yellow sand-- -

15

6 Sandy yellow caly-Chalky white clay-8 23 4 27 Red sand and chalk-2 29 Hard chalky rock - -35 Red sand, little clay-

Rock -

July 8, 1939.

35

## North slope of dry lake, Samson Tire and

Rubber Co. tract, 150 feet south of northeast corner labor 15, league 44, 6 miles southwest of Levelland. Brown surface sand Sandy white chalk and 3 8

clay-Sandy red clay-

10

Rock -10 March 30, 1939.

Depth

(feet

8

8

শ্e11_518		
Near center of dry lake, Samson T Rubber Co, tract, 300 feet south	of north-	- 8
east corner labor 15, league 44, southwest of Levelland.	6 miles	
Brown surface sand - 4	4	-
Sandy brownish-gray clay 2	6	
Yellow sand 1	7	
Sandy yellow clay and		

Thickness

(fert)

1

#### Well 519

chalk

March 30, 1939.

Rock

Center of dry lake, Samson	Tire a	nd
Rubber Co. tract, 450 feet	south	$\circ \mathbf{f}$
northeast corner labor 15,	league	44, 6
miles southwest of Levellar	nd.	t
Sandy gray clay	5	5
Yellow sand	2	7
Sandy yellow clay and		
chalk	2	9
Sandy red and yellow		
clay	6	15
White sand	11	26
Reddish-white sand,		
little chalk	4	30
Rock		30
March 30, 1939.		<u> </u>

### Well 520

Center of dry lake	, Samson	Tire a	na
Rubber Co. tract,	600 feet	south o	rf
northeast corner le	abor 15,	league	44, 6
miles southwest of	Levellar	nd.	
Gray surface clay-	_	5	5
Yellow sand	-	1	6
Sandy red clay and			
chalk	-	3	9
Reddish-yellow san	d -	3	12
R∩ck	-		12
March 30, 1939.			l 

#### Well 530

West slope of dry lake, Anguish and Link tract, 600 feet east of northwest corner labor 5 league 41,  $7\frac{1}{2}$  miles southwest of Levelland.

Gray surface clay- - 6 6 5 andy yellow clay- - 2 8

	Thickness (feet)	Depth (feet)
Well 530	- continued	
Yellowish-white sand Sandy yellow clay- Rock March 30, 1939.	- 1 - 3 -	9 12 12

### Well 531

Wear center of dry lake, Anguish and Link tract, 750 feet east of northwest corner labor 5, league 41, 74 miles southwest of Levelland. Gray clay-5 Sandy yellow clay-9 Yellcwish-white sand -12 Yellow sand, little 13 clay-Sandy white clay and chalk 3 16 Rock-16 March 30, 1939.

### Well 532

Center of dry lake, Anguish and Link tract. 900 feet east of northwest corner labor 5, league 41,  $7\frac{1}{4}$  miles southwest of Levelland. Gray surface clay- - 3 3 3 Yellowish-white sand - 5 8 Sandy white chalk and clay - - - 13 21 Rock - - - - 21 March 30, 1939.

#### Well 533

tract,  $105^{\circ}$  feet east of northwest corner labor 5, league 41,  $7\frac{1}{2}$  miles southwest of Levelland.

Surface sand and soil- 1 1 Sandy gray clay, little chalk - - - 7 8 Rock- - - - 8

East slope of dry lake, Anguish and Link

### Tell 535

March 30, 1939.

East slope of dry lake, A. L. Peck tract, 450 feet west of northeast corner labor 2, league 41, 7 miles southwest of Levelland. Sandy light-gray clay- 2 2 Sandy brownish-white clay and chalk - 4 6

(Continued on next page.)

Thickness	Depth	Thickness Depth
(feet)	(feet)	(feet) (feet)
Well 535 - continued		₩ell 540
Yellow sandy clay 5 Sandy white chalky	11	Center of sink, E. J. Caraway tract, 1200 feet east of southwest corner labor 14,
clay 4	15	league 31 62 miles southwest of Level-
Pock	15	land.
March 29, 1939.	!	Surface material 1 1
Mikel tree — A rich of all the design of the property of the control of the contr		Gray clay 2 3
<u>Well 536</u>		Sandy yellowish-white
		clay 7   10
Center of dry lake, A. L. Peck to		Yellow sand 2 12
900 feet west of northeast corne		Sandy yellow clay and
2, league 41, 7 miles southwest	oi	chalk 8 20
Levelland.	1 4	White chalk and sand - 1 21 Rock 21
Dark-gray clay 4 Sandy light-gray clay- 8	12	11 1
Sandy light-gray clay- 8 Sandy yellow clay 7	19	March 27, 1939.
White sand, little clay- 6	25	Well 541
Yellow sand 1	26	4611 241
Yellow sand and	20	Center of dry lake, T. J. Caraway tract,
chalk 4	30	1050 feet east of southwest corner labor
Rock	30	14, league 31, $6\frac{1}{2}$ miles southwest of
March 29, 1939.	1	Levelland.
	And the same of th	Surface material 1 1
Well 537		Gray clay 2   3
<del></del>		Sandy yellowish-white
Center of dry lake, A. L. Peck to		clay 12 15
1050 feet west of northeast corne		Sandy yellow clay 7 22
2, league 41, 7 miles southwest	ot.	Reddish-yellow sand - 16 38
Levelland.	1 -	Rock 38
Dark-gray clay 5 Sandy light-gray clay- 5	5 10	March 27, 1939
Sandy light-gray clay- 5 Sandy yellow clay 9	19	Tell 542
White sand, little	15	GII OTA
clay 10	29	West slope of dry lake, E. J. Caraway
Rock	29	tract, 450 feet east of southwest corner
March 29, 1939,	1	labor 14, league 31, $6\frac{1}{2}$ miles southwest
	telener in any company company resident	of Levelland.
Well 538		Surface material 1 1
, <del>,</del>		Sandy yellowish-white
West slope of dry lake, A. L. Pe		clay 3   4
1350 feet west of northeast corne		Thite sand and chalk - 2 6
2, league 41, 7 miles southwest	of	Sandy tan-colored clay,
Levelland.	1 0	little chalk 9 15
Surface material - 2	2	Rock 15
Sandy light-gray clay- 5	7	March 27, 1939.
Sandy white chalky	177	78To 1 7 E 4 7
clay 4 Rock	11	<sup>™</sup> e11 543
March 29, 1939,	1 17	West slope of dry lake, T. J. Caraway
TIGI OIL DO, LOUD,		treat 300 feet east of southwest corner

tract 300 feet east of southwest corner labor 14, league 31,  $6\frac{1}{2}$  miles southwest

Sandy gray clay - - 2
(Continued on next page)

of Levelland.

			Tr	nickness (feet)	Depth (feet)
	Well	543		continued	<u>L</u>
Chalky white	sand			- I	l _
and clay-	-	-	-	5	7
Rid sand -	_	_	_	3	10
Rock	~	-	-		10
March 27, 193	39.			(	
					- Charles - Char
		Wel	1 :	558	

North side of dry lake, T. E. Lee tract, 450 feet north of southwest corner labor 25, league 32, 7 miles west of Levelland. Yollow sand, little

clay	7-	-	-	-	_	6	6
Grayis	sh-wi	hito	sar	1d -	-	12	18
Rock		_	-	_	_	[	18
March	24,	193	9.				

### Well 559

Near center of dry lake, T. E. Lee tract, 300 feet north of southwest corner labor 25, league 32, 7 miles south of Levelland. Sandy gray clay-3 Grayish-white sand-5 8 Sandy yellow clay -10 Sandy red clay -4 14 Sandy white clay and chalk-1 15 Rock 15 March 24, 1939.

### Well 560

Center of dry lake, T. E. Lee tract, 150 feet north of southwest corner labor 25. league 32, 7 miles south of Levelland. Dark-colored surface

2012 22 0 1 22 -					
clay-		-	-	4	4
Sandy yel:	lowish	-white	}		
clay-		-		5	9
Yellowish.	-whit∈	sand	_	1	10
Yellow sar	nd, li	ttle			•
clay-		-	-	5	15
Sandy red	clay-	-	~	5	20
Reddish-se		ittle			
clay-		_	-	9	<b>2</b> 9
Rock -		_	-		29
March 24,	1939.				

#### Well 561

Center of dry lake, T. E. Lee tract. in southwest corner labor 25, league 32,

Thickness (feet)	Depth (f∈et)
Well 561 - continued	
7 miles south of Levelland.	
Dark-colored surface clay 4	1 4
Sandy yellowish-white	
clay 4 Yellowish-white sand - 1	8 9
Yellow sand, little	
clay 4 Red sandy clay 3	13 16
Sandy yellowish-white	
clay 4 Thite sand 11	20 31

#### Well 562

March 24, 1939.

South side of dry lake, J. T. Sinclair tract, 150 feet south of northwest corner labor 5. league 33, 7 miles south of Levelland.

		,					
Dark-c	color	eđ	surfa	ace			
clay	7	_	-	-		3	3
Sandy	yell	ow	ish-wh	nite	Э		
clay	7-	-	-	-		3	6
White	sand	ì		-	hop	2	8
Sandy	yell	ow	clay	_	-	3	11
Rock	•	-	-	-	-		11
March	25,	19	39.				

### Well 563

North slope of dry lake, W. May Jones tract, 200 feet south of northwest corner labor 15, league 32,  $5\frac{1}{2}$  miles south of Levelland.

Sandy yellowish-whi	te		
clay and chalk -	-	3	3
Sandy red clay -	_	2	5
Sandy red clay and			
chalk	-	4	9
Rock	-		9
March 23, 1939.			

### Well 564

Near center of dry lake, W. May Jones tract. 350 feet south of northwest corner labor 15, league 32,  $5\frac{1}{2}$  miles south of Levelland.

Dark-colored surface clay- 3	1 3
Yellcwish-white sand 2	5
White sand 1	6
Sandy yellow clay 3	9
White sand and chalk 5	14
Rock	14
March 23. 1939.	

Thickness | Depth

(feet)	(feet)
<u>Well 565</u>	
Center of dry lake, W. May Jones 500 feet south of northwest corne 15, league 32, $5\frac{1}{3}$ miles south of Levelland.	
Dark-colored surface	
clay 3	3
Sandy yellow clay 4	7
Yellowish-white sand - 4	11
Yellow sand, little	
clay 9	20
Rcck	20
Farch 23, 1939.	

### Well 566

Center of sind	k, T.V.	, May	Jones	tract,	650
feet south of					
league 32, $5\frac{1}{2}$	mile	es sov	th of	Levella	and.
Dark-colored	surfa	ace			
clay			3		3
Sandy yellowi:	sh-wł	nite		•	
clay	-		7		10
Sandy yellow	clay-		5	1	15
Yellow sand		_	2		17
Sandy yellow	clay-		4		21
Yellow sand		-	10		31
Thite sand			4		35
Rock		58 158			35
March 23, 1939	Э.			,	

### Well 567

Center of dry lake, W. May Jones tract, 800 feet south of northwest corner labor 15, league 32,  $5\frac{1}{2}$  miles south of Levelland, Dark-colcred surface clay- - - -4 Sandy yellowish-white clay- - -10 Sandy yellow clay-16 3 19 Yellow sand - -23 Sandy yellow clay-Yellow sand, little 10 33 clay- - -March 23, 1939.

#### Well 568

South side of lake, W. May Jones tract, 950 feet south of northwest corner labor 15, league 32,  $5\frac{1}{2}$  miles south of Levelland.

Dark-colored surface clay- 4

		Thick (fe	ness et)	Depth (feet)
<u>Well</u>	568 -	- cont	inued	
Sandy yellowish-w	hite			
clay		-	4	8
White sand -		-	3	11
Sandy yellow clay-			6	17
Yellowish-white s	and,			
little clay -		-	4	21
Thite chalk and				
sand		_	1	22
Pock		-	•	22
March 24, 1939,				•
The state of the s				

#### Well 578

#### Well 579

North slope of sink, City of Levelland tract, 750 feet north and 450 feet east of southwest corner labor 13, league 28,  $\frac{1}{2}$  mile south of Levelland.

Surface material - - 2 2 2 Grayish-white sand and clay- - - - 5 7 Rock - - - - 7 March 20, 1939.

### Well 580

Center of dry lake, City of Levelland tract, 600 feet north and 450 feet east of southwest corner labor 13, league 28,  $\frac{1}{2}$  mile south of Levelland.

Surface material - - 3 3

Sandy grayish-white clay- 5 8

Rock- - - - 8

March 20, 1939.

### 'Vell 581

Center of sink, City of Levelland tract, 450 feet north and 450 feet east of southwest corner labor 13, league 28, 호 mile (Continued on next page)

Thickness Depth (feet)	
Well 581Continued	ਔell 5
south of Levelland.  Dark-colored surface clay 6 6 Sandy yellow clay 8 14 Reddish-white sand 4 18 White sand 8 26 Rock 26 Larch 20, 1939.	Center of dry lake, J in southwest corner 1 736, 6½ miles east of Brown surface soil an sand Sandy gray clay Yellow sand, little
Well 582	Sandy yellow clay - Sandy yellowish-brown clay
Center of sink, City of Levelland tract, 300 feet north and 450 feet east of southwest corner labor 13, league 28, \frac{1}{2} mile south of Levelland.  Gray surface clay - 7   7	Yellowish-white sand White sand and chalk Rock June 2, 1939.

8

5

15

20

20

Sandy yellow clay

Thite sand -

March 20, 1939.

Rock

Center of sink, City of Levelland tract, 150 feet north and 450 feet east of southwest corner labor 13, league 28, 1 mile south of Levelland. Dark-colored surface clay-6 15 Sandy yellow clay -9 Rock 15 March 21, 1939.

### ₩ell 595

Test slope of dry lake, J. Greenway tract, 150 feet west of southeast corner labor 25, league 736, 6 miles east of Levelland.

Brown surface soil	and
sand	2   2
Sandy yellowish-gra	ay
clay	4   6
Yellowish-white san	nd - 2 8
Sandy yellow clay	4 12
Sandy white chalky	
clay	<b>-</b> - 3   15
Rock	15
June 2, 1939.	1

Thickness	Depth
(feet)	(feet)

28

28

### 70ell 596

Center of dry lake, J. Greenway tract, in southwest corner labor 24, league 736, 64 miles east of Levelland. Brown surface soil and Sandy gray clay -Yellow sand, little clay - - -Sandy yellow clay Sandy yellowish-brown clay -20 --Yellowish-white sand 54

### Well 597

Center of dry lake, J. Greenway tract, 150 feet east of southwest corner labor 24, league 736,  $6\frac{1}{2}$  miles east of Levelland. Sandy gray clay -8 Sandy yellow clay 19 11 Sandy red and yellow clay -3 22 Rock 22 June 2, 1939.

### 7ell 598

East slope of dry lake, J. Greenway tract, 300 feet east of southwest corner labor 24, league 736, 61 miles east of Levelland.

/				
Sandy gray clay -	-	-	7	7
Sandy yellow clay		**	3	10
Yellow sand, little			_	
clay	_		6	16
Sandy yellow clay		_	14	20
Yellow sand	-		10	30
Rock	_	-		30
June 2, 1939.				

### ₩ell 599

East side of dry lake, J. Greenway tract, 450 feet east of southwest corner labor 24, league 736, 64 miles east of Levelland.

Brown surface soil and 1 sand 7 Sandy gray clay -(Continued on next page)

				ckness feet)	Depth (feet)
	Well	599	- cc	ntinued	-
Yellow sand	-	_	_	4	11
Sandy yellow	r clay	· <b>-</b>	-	7	18
Yellow sand	-	-	-	5	23
Rock	-	-	-		23
June 2, 1939					

West slope of dry lake, Montgomery and Hutton tract, 300 feet west of southeast corner labor 7, league 27,  $2\frac{1}{2}$  miles east of Levelland.

Sandy red clay- - 2 2

Sandy tan-colored clay and chalk- - - 6 8

Rock - - - - - 8

April 7, 1939.

### Well 607

Test slope of dry lake, Montgomery and Hutton tract, 150 feet west of southeast corner labor 7, league 27,  $2\frac{1}{2}$  miles east of Levelland.

Sandy red clay- - - 1 1

Sandy tan-colored clay and chalk - - - 4 5

Sandy tan-colored clay- 4 9

Rock- - - - - 9

April 7, 1939.

### Well 608

West side of dry lake, Montgomery and Button tract, in southeast corner of labor 7, league 27,  $2\frac{1}{2}$  miles east of Levelland. Sandy red clay Gray sand- - - -3 Sandy tan-colored clay-5 8 Red sand-\_ \_ Yellowish-white sand clay and chalk- -15 Yallow sand, little 20 clay- - -20 Rock -

April 7, 1939.

The state of the s	Thickness	Depth
	(feet)	(feet)

### Well 609

Center of dry lake, Montgomery and Hutton

tract, 150 feet east of southwest corner labor 8, league 27,  $2\frac{1}{2}$  miles east of Levelland. Sandy red clay-4 Sandy gray clay -Yellcwish-gray sand 5 Yellowish-white clay 7 sand and chalk -Red sand - -9 Sandy yellow clay-17 Grayish-white sand 23 Rock- - -23 April 7, 1939.

#### Well 610

Center of dry lake, Montgomery and Hutton tract, 300 feet east of southwest corner labor 8, league 27,  $2\frac{1}{2}$  miles east of Levelland.

revertand.				
Sandy red clay-	_	•==	1	1
Gray clay	-		8	9
Sandy yellow clay	-	-	3	12
Yellow sand -	_		3	15
Sandy yellow clay	***	-	6	21
Yellcw sand -	c.	-	3	24
Reck		-		24
April 7, 1939.				t 
1				

### Well 611

East side of dry lake, Montgomery and Hutton tract, 450 feet east of southwest corner labor 8, league 27,  $2\frac{1}{2}$  miles east of Levelland.

į	or bovortand.		i
-	Dark-colored surface clay	3	3
1	Sandy grav clay	5	8
I	Yellow sand	3	11
1	Sandy yellow clay	2	13
	Sandy white chalk	10	23
	Rock		23
	April 7, 1939.		
1			

### Well 612

East slope of dry lake, Montgomery and Hutton tract, 500 feet east of southwest corner labor 3, league 27, 22 miles east of Levelland.

of Levelland.			1
Sandy red clay -	-	3	3
Sandy gray clay -		4	7
Sandy white chalk	-	3	10
Rock			10
April 7, 1939.			•

Thickness	Depth
(fcet)	(fest)

Test side of dry lake, Montgemery and Hutton tract, 300 feet east of southwest corner labor 4, league 27, 22 miles east of Levelland.

Sandy red surface soil	
and clay 3	3
Rod send 9	12
Sandy gray clay 5	17
Grayish-white hard	
sand, little clay - 2	19
Rock	19
Scpt. 1, 1939.	!

### 7ell 614

Center west side of dry lake, Montgomery and Hutton tract, 450 feet east of scuthwest corner labor 4, league 27,  $2\frac{1}{2}$  miles east of Levelland.

Gray clay- - - 6 6
Sandy gray clay - - 4 10
Yellowish-white sand - 2 12
Rock- -- - 12

Sapt. 1, 1939.

### Well 615

Center of dry lake, Montgomery and Hutton tract, 600 feet east of southwest corner labor 4, league 27,  $2\frac{1}{2}$  miles east of Levelland.

Sandy gray clay - - 14 | 14 | 14 | Sandy yellow clay - - 5 | 19 | Yellow sand - - - 3 | 22

Dailey Elay Caa,	1
Sandy yellow clay 5	19
Yellow sand 3	22
Yellcw clay 3	25
Sandy yellowish-white	
clay and chalk 5	30
Tan-colored sand 4	34
Tan-colored sand and	
chalk 1	35
Rock	35
Sept. 11, 1939.	<b> </b>

#### Well 616

Contor of east side of dry lake, Montgomery and Hutton tract, 750 feet east of southwest corner labor 4, league 27,  $2\frac{1}{2}$  miles east of Levelland.

TITTOD CODO CT TO	OTTUILUE		
Gray clay		3	3
Sendy gray clay		10	13
Yollow sand -		4	17
Red sand, little	clay-	7	24

	and the second s		Thi (	ckness feet)	Depth (flot)
	7611	616	- 00	ntinucd	
Red sand-	_	_	_	3	27
Rock Sept. 11,	1939.		**		27

### Well 617

Near center of dry lake, Mentgomery and Hutton tract, 150 feet north of southwest corner labor 4, league 27, 2 miles past of Lovelland. Grav clav- - -3 Sandy gray clay -10 13 Yallow sand, little 3 16 clay -Sandy yellow clay 10 26 Sandy white chalky clay -31. Yellow sand -33 White sand and chalk-35 Rock-35 Sept. 11, 1939.

#### Well 618

Near center of dry lake, Montgomery and

Hutton tract, 750 feet east and 150 feet north of labor 4, league 27, 2 miles east of Levelland. Gray clay- -5 Sandy gray clay -8 Sandy yellow clay and chalk - -12 4 Yollow sand-15 Rust-colored sand 20 Red sand - -5 25 Yellow sand -27

Sandy white chalky

clay

Rock- -

#### Well 620

2

29

29

East slope of dry lake, Montgomery and Hutton tract, 450 feet west of southeast corner labor 10, league 28,  $1\frac{1}{2}$  miles east of Levelland.

or reversand.			
Brown surface sand	-	1	1
Sandy gray clay		2	3
Chalky white clay-	-	2	5
Yollow sand	-	5	10
Rock	-		10
April 3, 1939.			1

Thickness	Depth
(feet)	

East slope of dry lake, Montgomery and Hutton tract, 750 feet west of southeast corner labor 10, league 28,  $1\frac{1}{2}$  miles east of Levelland.

Brown surface soil		-	-	2	2
Gray clay	-	-	-	2	4
White sand		-	-	3	7
Sandy yellow clay -				7	14
Rock			-		14
April 3, 1939.					1

### Well 622

Center of dry lake, Montgomery and Hutton tract, 900 feet west of southeast corner labor 10, league 28,  $1\frac{1}{2}$  miles east of Levelland.

Dark surface clay 5	5
Sandy light gray clay 2	7
Yellowish-white sand 3	10
Sandy yellow clay 4	14
Rusty sand and yellow clay - 2	16
Chalky white clay, little	
sand 6	22
Rock	22
April 3, 1939.	· · · · · · · · · · · · · · · · · · ·

### Well 623

Center of dry lake, Montgomery and Hutton tract, 1050 feet west of southeast corner labor 10, league 28, 11 miles east of Levelland.

Dark gray surface clay 3	3
Sandy yellowish-gray clay - 4	7
Yellow sand 1	8
Sandy yellow clay, little chalk 4	12
Brownish-colored sand and	
yellov clay 2	1,4
Yellow clay and red sand - 5	19
Red sand 1	20
Red sand and chalk 2	22
Red sand 9	31
Yellowish-white sand 2	33
Rock	33
April 3, 1939.	

### Well 624

West side of dry lake, Montgomery and Hutton tract, 1200 feet west of southeast corner labor 10, league 28,  $l_2^{\frac{1}{2}}$  miles east of Levelland.

		Depth (feet)
Tell 624-continued		
Sondy yellowish-gray clay - Sondy white clay Sondy yellow clay Rock April 3, 1939.	6 2 2	6 8 10 10

### Well 625

West slope of dry lake, Montgomery and Hutton tract, 1350 feet west of southeast corner labor 10, league 28,  $1\frac{1}{2}$  miles east of Levelland.

Sandy gray clay - - - 2

Ten sand and clay - - 3

Sandy white clay and chalk 5

Rock - - - - - - 10

April 3, 1939.

### Well 626

### 7ell 627

### ₩ell 637

April 3,

1939.

September 12, 1939.

Scuth side of dry lake, I. L. Ellwood estate tract, 300 feet east and 300 feet north of southwest corner labor 6, league 19, 6 miles southeast of Levelland.

Sandy gray clay - - - 3 3

Yellow sand and chalk - 2 5

Yellow sand - - - - 2 7

Yellow clay, sand and chalk 3 10

Rock - - - - - - - - - - 10

Logs of $\forall$ . P. A. test wells in	n Hockley CountyContinued
Thickness Depth (feet) (feet)	Thickness Depth (feet) (feet)
Well 638	Mell 8th
South side of dry lake, I. L. Ellwood estate tract, 300 feet east and 450 feet north of southwest corner labor 6, league 19, 6 miles southeast of Levelland.  Sandy gray clay 8 8 Sandy yellow clay 7 15 Sandy yellow clay and chalk 5 20 Rock 20 September 12, 1939.  Well 639  Center of south side of dry lake, I. L.	West slope of dry lake, F. Saniefers tract, 2150 feet west of northeast corner labor 11, league 19, 9 miles southeast of Levelland.  Sandy gray surface soil - 4 4 5 4 5 5 5 5 6 7 7 7 8 8 8 8 8 8 9 8 9 8 9 8 9 8 9 8 9
Tillwood estate tract, 300 feet east and 500 feet north of the southwest corner labor 6, league 19, 61 miles southeast	Well 645
of Levelland.  Sandy gray clay 5 5  Sandy grayish-yellow clay - 8 13  Sandy yellow clay 4 17  Sandy tan clay 5 22  Yellow sand, little clay - 4 26  Chalk 1 27  Rock 27  September 12, 1939.  Well 640	Center of west side of dry lake, F. Saniefers tract, 2000 feet west of northeast corner labor 11, league 19, 9 miles scutheast of Levelland. Gray surface clay 5 5 Sandy yellow clay 3 8 Yellow sand 11 19 Red and yellow sand 1 20 Sandy white chalky clay - 4 24 Sandy red clay 5 29 Rock 29 July 24, 1939.
Center of dry lake, I. L. Ellwood estate tract, 300 feet east and 750 feet north of the southwest corner labor 6, league 19, 6½ miles southeast of Levelland.  Sandy gray clay 5 5 5 Sandy grayish-yellow clay - 7 12 Sandy yellow clay - 7 19 Red clay and sand 8 27 Yellow sand 6 33 Thite chalky sand 7 40 Rock 40 September 12, 1939.	Well 646  Center of dry lake, F. Saniefers tract, 185C feet west of the northeast corner labor 11, league 19, 9 miles southeast of Levelland.  Gray surface clay 11 11  Yellow sand 5 16  Red sand 6 22  Yellow sand and clay - 4 26  Red sand, little clay - 8 34  Sendy yellow clay 2 36
Well 641  Center of north side of dry lake, I. L.  Ellwood estate tract, 300 feet east and  300 feet north of the southwest corner	Yellowish-white sand 3 39 Red sand 10 49 Dirty white chalk and sand 2 51 Rock 51 July 25, 1939.
labor 6, league 19, 62 miles southeast of Levelland.  Gray clay 4	Well 647  Center of dry lake, F. Saniefers tract, 1700 feet west of northeast corner labor 11, league 19, 9 miles southeast of Levelland.  (Continued on next page)

September 12, 1939.

			ss Depth t) (feet)	
	₩el:	1 647Continued		
~		7		

Gray surface clay - - - 11 11 12 Yellow sand - - - -23 Red and yellow sand - -26 Sandy yellow clay - -29 Yellcwish-white sand - -35 38 Fink Sand - - - - -Rock - - -38 July 25, 1939.

### 7ell 648

Center of east side of dry lake, F.

Schiefers tract, 1550 feet west of northeast corner labor 11, league 19, 9 miles scutheast of Levelland.

Gray surface clay - - 8 8

Yellow sand - - - - 6 14

Red sand - - - - 6 20

Sandy yellow clay - - 8 28

Rock - - - - - - 28

July 25, 1939.

### Well 649

East slope of dry lake, F. Saniefers tract, 1400 feet west of northeast corner labor 11, league 19, 9 miles southeast of Levelland. Sandy gray clay - - - -4 Yellow sand - - - g Sandy yellow clay - - -10 Sandy tan clay - - -13 Sandy yellow clay, little chalk - - - - - -20 Sandy dirty white chalky clay 1 21 Rock - - - - - -21 July 25, 1939.

### 7ell 654

East side of dry lake, I. L. Ellwood estate tract, 900 feet west of southeast corner labor 4, league 20, 8 miles southeast of Levelland. 77 Gray clay - - - -Sandy yellow clay 10 12 Yellow clay White sand - - - -14 21 Sandy yellow clay - -Rock - - - -21 September 7, 1939.

Thi	ckness	$\mathtt{Depth}$	
(	(feet)	(feet)	

### 7ell 655

Center of dry lake, I. L. Ellwood estate tract, 1050 feet west of southeast corner labor 4, league 20, 81 miles southeast of Levelland.

Gray clay - - - - - 12 12

White sand - - - - 2 14

Sandy yellowish-gray clay
and chalk - - - - 6 20

Rock - - - - - 20

September 7, 1939.

### Well 656

Center of west side of dry lake, I. L. Ellwood estate tract, 1200 feet west of southeast corner labor 4, league 20, 8½ miles scutheast of Levelland.

Gray clay - - - - 6 6
Yellowish-white sand - - 2 8
Sandy red clay - - - 3 11
Sandy yellow clay and chalk 4 15
Rock - - - - - - 15
September 7, 1939.

### ₩ell 657

West side of dry lake, I. L. Ellwood

estate tract, 1350 feet west of scutheast corner labor 4, league 20,  $8\frac{1}{2}$  miles southeast of Levelland.

Sandy gray clay - - - 3 3

Sandy reddish clay - - 6 9

Sandy yellor clay and chalk 10 19

Rock - - - - - - - 19

### ₩ell 658

September 7, 1939.

East side of dry lake, I. L. Ellwood estate tract, 450 feet south of northeast corner labor 18, league 20,  $9\frac{1}{2}$  miles southeast of Levelland.

Sandy gray clay - - - - 1 1
White sani - - - - - 3 4
Sandy yellow clay and chalk 5 9
Yellow clay - - - - 5 14
Rock - - - - - 14
September 2, 1939.

Thickness	Depth
(feet)	(feet)

East side of dry lake, I. L. Ellwood Estate tract, 450 feet south and 150 feet west of northeast corner labor 18, league 20, 9½ miles southeast of Levelland.

Sandy gray clay - - - 9 9
Yellowish-white sand - - 4 13
Sandy grayish-yellow clay and chalk - - - - 7 20
Rock - - - - - 20
September 8, 1939.

### Well 660

lenter of dry lake, I. L. Bliwood Estate ract, 1,450 feet south and 300 feet west of northeast corner labor 18, league 20, % miles southeast of Levelland. Sandy gray clay - - -10 Sandy yellow clay - - -14 Tellow send - - - -19 Yallow clay - - - - -20 Sandy grayish-yellow clay and chalk - - - - -26 + Reck - - - -26 September 8, 1939.

### Well 661

Center west side of dry lake, I. L.Ellwcod Estate tract 450 feet south and 50 feet west of northeast corner labor 18 league 20, 9 miles southeast of Levelland. Sandy gray clay - - - 5 5 Sandy yellow clay - - - 17 22 Rock - - - - 22 September 8, 1939.

### Well 663

### Thickness Derth (feet) (feet)

### Well 664

Center south side of dry lake, I. L. Ellwood Estate, tract. 1,000 feet west and 150 feet north of southeast corner of labor 21, league 20, 11 miles southeast of Levelland. Gray clay - - -Yellow send - - - -10 Sandy yellow clay and chalk 13 14 Yellow sand -19 Sandy yellow clay - - -19 Rock - - - -September 5, 1939.

### Well 665

Near center of dry lake, I. L. Ellwood

Estate tract, 1,000 feet west and 300 feet north of southeast corner labor 21, league 20, 11 miles southeast of Levelland. Cray clay -Sandy grayish-yellow clay-10 19 Sandy rusty yellow clay -21 24 Sandy yellow clay and chalk 3 Rock - - -24 September 5, 1939.

#### Well 666

Center of dry lake, I. L. Ellwood Estate tract, 1,050 feet west and 450 feet north of southerst corner labor 21, league 20, 11 miles southeast of Levelland.

Gray clay - - - 7 7

Sandy yellow clay - - 5 12

Yellow sand, little clay - 11 23

Sandy yellow clay - - - 5 | 12
Yellow sand, little clay - 11 | 23
Grayish-white sand, clay
and chalk - - - - 3 | 26
Bock - - - - 26
September 6, 1939.

### Well 667

Center of north side of dry lake, I. L. Ellwood Estate tract, 1,050 feet west and 600 feet north of southeast corner labor 21, league 20, ll miles moutheast of Levelland.

Gray clay	8	8
Gray clay Yellow clay and little sand Rock	14	22
Rock		22
Sertember 6, 1939.	•	

Thickness	Derth
(feet)	(feet)

### ₩ell 668

North side of dry lake, I. L. Ellwood Estate tract, 1,050 feet west and 750 feet north of southeast corner labor 21, league 20, 11 miles southeast of Levelland. 6 Gray clay Sand- yellow clay - - - -10 Yellow sand, little clay -16 Sandy yellow clay, little chalk - - - - - -22 Rock - -25 September 6, 1939.

## Well 669 .

North side of dry lake, I. L. Ellwood Est. tract, 1,050 fe t west and 900 feet north from the southeast corner labor 21, league 20, ll miles southeast of Levelland.

Fray clay - - - - 6 6 6 Gra ish-yellow sand - - - 2 9 Sandy yellow clay - - - 12 21 Rock - - - - - 2 21 September 6, 1939.

### Well 684

### 7ell 685

East slope of dry lake, W. L. Ellwood tract, 2,650 feet east of northwest corner sec, S. blk. A. 10-3/4 miles east of Levelland.

Tan surface sand - - - 2 2
Sandy yellowish-gray clay - 2 4
Yellow sand - - - - 2 5
Sandy white chalky clay - 2 5
Tock - - - - - 5
June 5, 1939.

# Thic'mess Depth (feet) (feet)

### Tell 636

That, center of dry lake, 7. L. Ellwood tract, 2,800 feet east of northwest corner of sec. 8, blk. A, 10-3/4 miles east of Levelland.

Sandy gray clay - - - 5

Yellow sand - - - - 2

Yellowish-white sand and chalk - - - - 4

Rock - - - - 1

11

### 7 11 687

June 5, 1939.

Center, east side of dry lake, W. L. Ellwood tract, 2,950 feet east of north-vest cerner, sec. 8, blr. A, Public School Land, 10-3/4 miles east of Levelland.

Sandy gray clay - - - 11 11
Yellow sand - - - 3 14
Sandy white chalky clay - 1 15
Rock - - - 15
June 5, 1939.

### Well 688

Center of dry lake, 7. L. Ellwood tract, 3,100 feet east of northwest corner, sec. 8, bll. 4, Public School Land, 10-3/4 miles east of Levelland. Sandy gray clay - - - -12 6 Sandy yellow clay - - -18 Sandy tan clay - - - -21 Yellow sand and chalk - -22 Rock - - - - - -22 June 5, 1939.

### Well 689

Center of dry lake, W. L. Ellwood tract, 3,250 feet east of northwest corner, sec. 8 blf. A, Public School Land, 10-3/4 miles east of Levelland. Gray clay - - - - -10 Sandy yellow clay - - -11 21 Red sand and yellow clay -25 Sandy yellow clay - - --6 31 ИI Red send - - - -10 Hard sandstone - - -41 June 5, 1939.

Thickness	Depth
(feet)	(feet)

### 7ell 690

Center of west side of dry lake, W. L. Ellwood tract, 3,400 feet east of northwest corner section 8, blk. A, Public School Land, 10-3/4 miles east of Levelland.

.Lanu.				
Gray clay	~	12		12
Sandy yellow clay		14	1	26
Red sand and yellow clay	-	3	:	29
Sandy yellow clay		4		33
Red sand	-	7	1	40
Rock	-		i	40
June 5, 1939.				

### Well 691

### 7ell 692

Scuth slope of dry lake, N. W. Willard tract, 150 feet north of southwest Sub. corner section 6, blh. A, in sub-section 15, 13% miles east of Levelland.

Surface soil - - - 2 2 2
Sandy gray clay - - 2 4 8
Sandy red clay - - - 4 8
Sandy white chally clay - 2 10
Rock - - - - 10
Her 25, 1939.

### 7ell 693

Thickness	Depth
(feet)	(feet)

### ∄ell 694

Near center of dry lake, N. V. Willard tract, 450 feet north of southwest corner section 6, blk. 1, in sub-section 15, 134 miles east of Levelland.

-),	
Gray clay 7	7
Yellow sand and clay 10	)   17
Sandy white chalky clay -	1 21
Rock	21
May 25, 1939.	

### Well 695

Center of dry lake, I. T. Willard tract, 600 feet north of southwest corner section 6, blk. A in sub-section 15, 13\frac{1}{2} miles east of Levelland.

Grav clay Sandy yellowish-grav cla	- y <b>-</b>	7	f 1	7 10
Sandy yellow clay	<b>-</b>	5	1	15
Tan sand	~	2	1	17
Yellow sand	-	3	į	50
White challry send	_	14		2,4
Rock	-		:	5,1
May 25, 1939.				

### Well 696

Center of north side of dry lake, N. W. Willard tract, 750 feet north of southmest corner section 6, blk. A, in subsection 15, 13 miles east of Levelland. Gray clay -Sandy yellow clay - -13 16 Reddish-yellow sand 24 Yellow send and clay - -Thite chalky clay and sand 27 Rock - - -27 Hey 25, 1939.

### 7ell 697

North slope of dry lake, N. W. Willard tract, 900 feet north of southwest corner section 6, blt. A, in sub-section 15, 13 miles east of Levelland.

Grav clay - - - 4 1 4 Yellow sand - - - - 3 1 7

Red sand - - - - 9 16
Yellow send and clay - - 3 19
Fock - - - - - - 23
May 27, 1939.

Thickness	Depth
(feet)	(feet)

East slope of dry lake, C. Woolum tract, 450 feet west of nor heast corner labor 5, league 2, Jones County School Land 142 miles east of Levelland. \_ - - - - -Grav clay 7 Sandy yello- clay - - -Yellow sand, little clay 12 Sandy yellow rusty clay -15 Sandy red clay - - -17 Sandy yellow clay - -23 Rock - - -23 Hay 26, 1939.

### Well 699

Center of east side of dry lake, C. Woolum tract, 600 feet west of northeast corner labor 5, league 2, Jones County School Land, 144 miles east of Levelland.

Gray clay	 -		-	5	1	5
Sandy yellow clay	 -	-		3	1	8
Yellow sand	 _	_		2	į	10
Sandy yellow clay	 		-	Σī	Ì	14
Rcck	 		-		;	14
May 26, 1939.	 				-, <u></u> -,-	

### Well 700

### Well 7C1

Rock -

Kay 26, 1939.

Center west side of dry lake, C. Woolum tract, 900 feet west of northeast corner labor 5, league 2, Jones County School Land, 14 miles east of Levelland.

Gray clay - - - - 10 ! 10 Sandy rusty yellow clay - - 3 | 13 Sandy yellow clay - - 6 | 19 Lock - - - - 19 Ley 26, 1939.

Thickness	Depth
(feet)	(feet)

### 7ell 702

West slope of dr lake, C. Wcclum tract, 1,050 feet west of northeast corner labor 5, league 2, Jones County School Land, 144 miles east of Levelland.

Top surface soil - - - 2 2 2 Grav clay - - - 4 6 Rock - - - 6 May 26, 1939.

### Well 704

West slope of dry lake, I. L. Ellwood tract, 600 feet east of northwest corner section 7, blk. A, 15 miles east of Levelland.

Surface scil - - - 1 1 1 1 Sandy gray clay - - - 5 6 6 Rock - - - 6

### ₩ell 705

May 27, 1939.

Center west side of drv lake, I. L. Ellwood tract, 750 feet east of north-west corner section 7, blk. A, 15 miles east of Levelland.

Gray clay		6		6
Yellow sand and clay		)†	•	10
Reddish yellow sand	<del></del>	2	٠	12
Yellow sand		6		18
Rock			į	18
May 27, 1939.				

### Well 706

Center of dry lake, I. L. Ellwood tract, 900 feet east of northwest corner section 7, blk. A, 15 miles east of Levelland.

Gray clay - - - - 12 12 12 Sandy yellow clay - - - 12 24 24 May 27, 1939.

### Well 707

Center of east side of dry lake, I. L. Ellwood tract, 1,050 feet east of north-vest corner section 7, blk. A, 15 miles east of Levelland.

CORP OF TO ACT TON	100				
Gray clay -		 	12	1	12
Yellow clay and	sand	 		1	19
Rock		 	,		19
May 27, 1939.					

Thic'-ness	Denth
(feet)	(feet)

## Thickness Depth (feet) (feet)

### Well 708 .

East slope of dry lake, I. L. Ellwood tract, 1,200 feet east of northwest corner section 7, blk. A, 15 miles east of Levelland.

Gray clay	_	-		5	1 5
Candy yellow clay -	_			11	16
Red and yellow clay			_	5	21
Yellow clay and sand		-		2	23
Rock		_	-		1 23
Tat 27, 1939.					

### ₩ell 711

North slope of dry lake, L. W. Hodge tract, 450 feet south of northwest corner section 8, blh. A, 15-3/4 miles east of Levelland.

Sandy y	ello	7is	h <b>-</b> g	ray	cl	ay		3	ļ	3
Yellow	sand	<del>.</del>					-	1	j	4
Rock -	-	_	-				_		į	1
Hay 29,	1939	9.								

### Well 712

Near center of dry lake, L. 7. Hodge tract, 600 feet south of northwest corner section 8, blk. A, 15-3/4 miles east of Levelland.

Gray surface soil		3	, 3
Yellow clay and sand	-	3	[ 6
Yellow sand, little clay	-	2	8
Sandy yellow clay	-	6	14
Sandy red and yellow clay		6	20
Rock	_		20
15 y 29, 1939.			

### ∏ell 713

Center of dry lake, L. W. Hodge tract, 750 feet south of northwest corner section 8, blk. A, 15-3/4 miles east of Levelland.

of TeAettand.				
Grav surface clay	-	7	1	7+
Sandy vellowish-gray clay	-	5	!	9
Sandy relica clay		5	1	14
Sandy yellow and red clay	-	ΣĻ	i	18 18
Rock			i	19
Ray 29, 1939.				

### 7:11 714

Center of dry lake, L. W. Hodge tract, 900 feet south of northwest corner section 8, blh. A, 15-3/4 miles east of Levelland.

Gray surface clay 2	; 2
Sandy yellowish-crau clay 4	6
Sandy yellow clay 8	1 14
Yellowish-white sand 7	21
Rock	, 51
Tay 29, 1930.	

### 719 715 715

Center southside of dry lake, L. W. Hodge tract, 1,050 feet south of north-vest corner section 3, blk. A, 15-3/4 miles from Levelland.

mires from mead	CT TC/11	u.					
Gray surface s	oil	-	-	-	1	,	1
Sandy yellow c	lay	_		-	7	!	8
Rock		-	-				3
May 29, 1939.							
		· · · · · ·					_

### Well 716

South slope of dry lake, L. W. Hodge tract, 1,200 feet south of northwest corner section S, blk. A, 15-3/4 miles east of Levelland.

Dirty white send, clay and		
chalk 6		දි
Rock	1,	(3

### Well 718

Center south side of dry lake, N. W. Willard tract, 800 feet north of southeast corner labor 18, league 2, Jones County School Land, 152 miles east of Levelland.

Sandy e	rey	clay	-				5	i	5
Yellow	sand	and	cl	ау			3		8
Yellow	sand	ι	-	-		_	7		15
Rock -	-				_	_			15
August	30,	1939.	•						

Thickness	Death	;
~111C1022	70,011	i
/.c\	(.c 4.)	5
(feet)	(feet)	ţ

### ₩ell 719

Center of dry lake, N. W. Willard tract. 350 feet north of labor 18, league 2, Jones County School Land, 15 miles east of Levelland. Gram clay Sandy yellow clay -7 Yellow send - - -12 Sandy yellow clay - - -19 Yellow sand, little clay 25 Thite sand - - - - -33 Reck - - - -33 August 30, 1939.

#### Well 720

Center of north side of dry lake, N. 7. Willard tract, 1,100 feet north of southeast corner labor 18, league 2, Jones County School Land, 152 miles east of Levelland. Gray clay Sandy yellow clay - -19 6 Sandy ten clay -25 Red sand - -28 White sand -30 Reck - -30 August 30, 1939.

### ₩ell 721

North side of dry lake, N. 7. 7illerd tract, 1,250 feet north of southeast corner labor 18, league 2, Jones County School Land, 15½ miles east of Levelland.

Gray clay - - - - 4 | 4 Sandy white chalky clay - 8 | 12 Rock - - - - | 12 August 30, 1939.

#### Well 725

East side of dry lake, H. M. Woods tract, 150 feet west of northeast corner labor 1°, league 3, Jones County School Land, 15-3/4 miles east of Levelland.

Sandy gray clay - - - 4

Gravish-white sand, clay and chalk - - - - 4

Rock - - - - - 4

August 31, 1939.

### Thickness Depth (feet) (feet)

### 7ell 726

### Well 727

#### 7c11 728

Center west side of dry lake, H. M. Woods tract, 600 feet west of northeast corner labor 18, league 3, Jones County School Land, 15-3/4 miles east of Levelland.

Sandy gray clay - - - 10 10 10 Sandy yellow clay - - 6 16 Rock - - - 16 16 August 31, 1939.

(Analyzed at The University of Texas under the direction of Dr. E. P. Schoch, Director of the Bureau of Industrial Chemistry, and E. W. Lohr, Chemist, U. S. Department of the Interior, Geological Survey; by D. F. Riddell, and H. T. Davidson, Chemists; and Martin Wieland, Jack Ramsey, and J. H. Raby, Assistant Chemists. Nitrate and fluoride determined by E. W. Lohr. Results are in parts per million. Well numbers correspond to numbers in table of well records.)

10001	up a j														
Ī		Depth	D	ate		Total	Cal-	Magne-	- Sodium and	Bicar-	Sul-	Chlo-	Ni-	Fluor-	Total
Well!	Owner	of		of		dissolved	cium	sium	Potassium	bonate	pha te	ride	trate	ide	hardness
<u>c</u> /		well	co1	lect	io n	solids	(Ca)	(Mg)	(Na ≠ K)	(HCO <sub>3</sub> )	(504)	(C1)	(NO3)	(F)	as CaCO3
_		(ft.)				(calc.)	1		(calc.)			!			(calc.)
201 E	• Royek	119	Aug.	3,	1939	404	49	28	76	360	<u>a</u> /	67	<u>b</u> /	3.8	237
203 M	. T. Scott	97	Apr.	11,	1939	529	87	44	43	281	130	85	<u>b</u> /	1.7	397
205 H	. J. Greener	109	Aug.	3,	1939	496	38	31.	108	305	97	68	<u>b</u> /	4.1	224
207 Y	ellowhouse Land	Co. 97	Aug.	8,	1939	10,010	425	459	2,236	256	1,282	1,475		6.7	2,948
212 R	. L. Johnson	95	July	12,	1939	438	52	37	53	195	121	79	<u>b</u> /	****	283
214 T	. J. Richardson	116	Aug.	7,	1939	1,241	76	87	240	378	444	203	<u>b</u> /	5.0	549
	ellowhouse Iand (	Co. 109		do.		960	64	67	178	281	351	162	<u>b</u> /	-	436
	. G. LeCroy	112			1939	31.5	47	27	35	256	56	24	<u>b</u> /		227
	ellowhouse Land				1939	1,949	40	16	651	329	587	490	<u>b</u> /	2.6	165
221	do.	160	June	28,	1939	946	156	<b>5</b> 4	112	244	161	340	<u>b</u> /	3.0	613
	. B. Allen	173		do.		2,387	<b>3</b> 8	19	830	366	508	810	<u>b</u> /	1.8	172
	. A. Pierce	270		do.		1,916	24	13	686	421	369	615	<u>b/</u>	2.3	113
	. O. Tipton	69	Apr.	25,	1939	1,218	96	82	226	403	373	236	<u>b/</u>	6.9	576
	. D. Waters	8 <b>0</b>		do.		368	32	25	84	354	28	20	<u>b/</u>	5.4	180
	. O. Helms	71	Apr.		1939	31.0	47	27	35	275	44	22	b/		227
	. P. A. Test	37		19,		424	51	78	8	537	22	1	b/		448
233	do,	32	Apr.	20,	1939	321	38	58	8	403	12	7	<u>b</u> /		336
234	do.	32		do.		353	32	58	32	403	<u>a/</u>	5	<u>b</u> /	15.0	321
235	do.	32		do.		362		<b></b>	<del>4</del>	403	11	3	<u>b</u> /		
236	do.	30		do.		345				397	<u>a</u> /	3	<u>b</u> /		
237	do.	31	Apr.	21,	1939	636	68	63	99	634	28	7	33	22.0	429
	. Pfeifer	94	Apr.	19,	1939	390	68	18	54	293	77	28	<u>b</u> /	1.4	246
244 R	. J. Hamill	11.8	Apr.	11,	1939	57 4	***		-	317	149	66	<u>b</u> /	-	-
	. N. Riley	154	Apr.	12,	1939	486	46	44	75	329	113	40	<u>b</u> /	5.9	297
249 I.	P. DeLoache	115	May	5,	1939	77 5	69	83	81	317	304	82	<u>b</u> /	_	516
250 I:	ra P. DeLoache	135	Aug.	2,	1939	656	62	58	99	390	165	75	<u>b</u> /	4.8	396
251 A	. D. Slaughter	173	May		1939	721	84	61	81	268	251	112	<u>b</u> /		463
	ra P. DeLoache	156	···	do.	······································	976	_	-	-	262	405	120	<u>b</u> /		
			· · · · · · · · · · · · · · · · · · ·						<del></del>			<del></del>			

a/ Sulphate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

c/ Analyses of selected wells are given in milligrams equivalents per liter on page 72.

Results are in parts per million

				He	sults are	in pa	rts per	million.						
-		Depth	Date		Total	Cal-	Magne-	Sodium and	Bicar-	Sul-	Chlo-	Ni-	Fluor-	Total
Well	Owner	of	of	1	dissolved	cium	sium	Potassium	bona te	phate	ride	trate		hardness
<u>c</u> /		well	collection	on	solids	(Ca)	(Mg)	(Na ≠ K)	$(HCO_3)$	(SO4)	(C1)	(NO3)	(F)	as CaCO3
		(ft.)			(calc.)			(calc.)						(calc.)
255 I	Hamill Bros.	142	Apr. 27,	1939	73 4			-	299	239	96	<u>b</u> /		-
262 2	Z. B. Pirtle	120	Apr. 11,	1939	940	112	106	60	238	331	210	<u>b</u> /	3.9	715
263 3	S. H. Davidson	149	Apr. 18,	1939	632	·	-		305	166	94	<u>b</u> /		_
265	J. S. S. Hart	117	do.		549	-			293	133	77	<u>b</u> /		-
275 1	B. D. Barker	135	Sept.13,	1939	950	89	102	106	354	261	215	<u>b</u> /	3.4	643
276 1	B. K. Hamrick	138	Apr. 11,	1939	544	59	61	51	305	149	74	<u>b</u> /	-	398
	r. Summers	145	Apr. 18,	1939	573	60	63	60	323	155	72	<u>b</u> /	4.4	409
278 1	L. E. Mitchell	142	Apr. 20,	1939	571	60	63	57	299	165	74	<u>b</u> /	4.6	409
282 3	J. S. Fox	108	Sept.13,	1939	692	71	<b>6</b> 8	81	299	201	120	<u>b</u> /	4.2	457
283 (	C. Millsap	67	Apr. 18,	1939	464	46	50	52	238	130	64	<u>b</u> /	5.0	321
284 (	C. E. Pendergrass	81	June 23,	1939	1,309	112	112	183	281	464	300	<u>b</u> /		739
286 7	Yel lowhouse Land	Co. 78	Sept.13,	1939	360	74	46	3	390	18	10	<u>b</u> /	8.0	37 4
287 T	W. H. Abernathy	108	May 26,	1939	583	59	59	72	329	133	98	<u>b</u> /	-	391
288 1	Vettie Holley	101	do.		612	73	67	55	293	137	136	<u>b</u> /	-	456
289 F	Henry Fietz	122	Sept.13,	1939	593	97	44	51	256	192	78	<u>b</u> /	4.8	422
290 .	J. W. Christian	97	June 12,	1939	558		***		336	129	64	<u>b</u> /	_	
291 I	L. P. Edrington	103	May 15,	1 <b>9</b> 39	526	55	49	70	317	134	58	<u>b</u> /	4.3	340
292 N	Mrs. N. R. Keeney	99	May 25,	1939	388	***	<del></del>	**	342	56	18	<u>b</u> /	-	
293 E	P. H. Howry	75	May 26,	1939	542	58	53	66	311	141	66	<u>b</u> /	4.6	363
294 J	T. Hewett	100	Aug. 24,	1939	615	71	52	77	281	165	112	<u>b</u> /		392
296 J	T. Thompson	87	June 23, 1	1939	676	87	57	79	317	153	144	<u>b</u> /	_	450
297 I	C. E. Wynn	92	June 29, 1	1939	413	52	52	31	305	60	68	<u>b</u> /		342
298 F	R. W. Ivey	110	Aug. 25.		405	73	52	3	323	73	45	b/	·	397
299 E	3. Yantis	68	June 28, 1	1939	424	40	45	60	329	81	30	b/	5.7	282
300 H	Fred Newsome	78	June 13, 1		759	49	42	168	329	254	78	b/	6.4	296
301 E	B. M. Whittaker	93	June 28, 1		792	61	65	133	329	206	140	21	4.2	420
	A. Rice	86	do.		729			+-	342	173	130	b/		-
303 F	R. M. Loper	102	Aug. 29, 1	1939	479		**	<del></del>	329	97	46	b/	_	
	ellowhouse Land	Co. 86	do.	·····	541		<del></del>	<del></del>	360	113	55	<u>b</u> /	<del></del>	
	. D. Jenkins	123	Aug. 18, 1	1939	461	54	43	61	336	69	69	<u>b</u> /	-	311
	. Lyda	79		1939	465	48	50	60	354	68	62	b/	3.2	326
	M. L. Ellis	120	Aug. 24, ]		450	52	46	57	336	60	66	<u>b</u> /	4.2	319
	I. Burnham	110	Aug. 29, 1		798	77	61	118	293	291	102	<del>-</del> b/	4.7	443
					· · · ·	<del></del>								

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

c/ Analyses of selected wells are given in milligrams equivalents per liter on page 72.

Partial analyses of water from wells in Hockley County--Continued

Results are in parts per million. Cal-| Magne- Sodium and Bicar- Sul-Depth Total Total Date Chlo-M1-Pluorbonate phate ofofdissolved cium sium Potassium hardness Well Own er ride trate ide c/  $(HCO_3) | (SO_4)$ collection (Ca) (Mg)  $(Na \neq K)$ as CaCO3 wel 1 solids (C1) (NO3) (F) (ft.) (calc.) (calc.) (calc.) Aug. 18, 1939 b/ 411 C. E. Pendergrass -**b**/ 8. 1939 412 E. D. Ellis June b/ 413 I. L. Elwood Est. do. b/ 414 A. Wininger May 24. 1939 b/ 5.0 415 D. D. Campbell May 25. 1939 416 W. S. Mitchell 24, 1939 b/ 4.3 May b/ 417 J. B. Riggs 7, 1939 June b/ 419 C. W. Henderson do. 429 Glen Ott 25, 1939 b/ May 430 J. W. James 24, 1939 May ъ/ 432 I. L. Elwood Est. do. b/ 3.7 Apr. 27, 1939 b/ W. C. Cheak 4.4 b/ 505 Montgomery & Hutton 153 July 25, 1939 511 Samson Tire & Mar. 27, 1939 b/ 4.3 Rubber Company b/ 512 J. A. Hill Mar. 31. 1939 b/ 513 W. T. Cobel Mar. 30. 1939 b/ 516 Rains County do. Mar. 27, 1939 b/ 521 W. T. Johnson b/ 523 L. E. Plunkett Mar. 22. 1939 3.7 524 Texas Land & b/ do. Mtg. Company 525 J. Schroer b/ do. b/ 526 C. Smith do. 528 J. T. Wood Mar. 17, 1939 <u>h</u>/ 529 C. B. Edgar Mar. 27. 1939 b/ 4.0 534 F. E. Ivey Mar. 31. 1939 **b**/ 4.0 539 H. C. Bowlin Mar. 23, b/ 4.0 544 Commerce Trust Co. do . b/ b/ 545 Mallett L. & C. Co. 140 July 31, 1939 3.0 b/ 546 Mary Davis Mar. 27, 1939 1,194 547 E. M. Cain b/ 3.9 Apr. b/ 549 Mallett L. & C. Co. 152/ July 10, 1939 

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

c/ Analyses of selected wells are given in milligrams equivalents per liter on page 72.

Partial analyses of water from wells in Hockley County--Continued Results are in parts per million.

Results are in parts per million.												
	Depth	Date	Total	Cal-	Magne-	Sodium and			Chlo-	Ni-	Fluor-	Total
Well Owner	of	of	dissolved	ŧ .	sium	Potassium	bonate	phate	ride	trate	ide	hardness
<u>c</u> /	well	collection	solids	(Ca)	(Mg)	(Na ≠ K)	(HCO <sub>3</sub> )	(SO <sub>4</sub> )	(Cl)	(NO3)	(F)	as CaCO3
<b>-</b> !	(ft.)		(calc.)		1	(calc.)						(calc.)
550 A. A. Slaughter	140	July 28, 1939	511	62	50	58	354	101	66	b/	***	361
553 G. Thorp	122	July 31, 1939	734	70	87	71	293	181	178	<u>b</u> /	3.0	534
571 S. B. Bardwell	130	July 24, 1939	506	63	63	32	323	118	71	<u>b</u> /		419
572 Baylor County	123	July 31, 1939	507	54	57	57	354	97	62	<u>b</u> /	5.5	370
573 J. S. Branch	137	Sept.12, 1939	384	47	53	25	342	60	25	<u>b</u> /	5.6	338
574 J. P. Hill	153	do.	573	74	72	29	329	177	54	<u>b</u> /	4.6	479
575 Mallett L. & C. (	lo. 125	Mar. 24, 1939	552	58	74	34	329	166	58	_ <u>b</u> /	-	451
576 M. L. Goolsby	172	May 9, 1939		76	70	36	311	194	62	b/	4.6	478
577 J. L. Smallwood	109	Sept.12, 1939	533	66	79	25	<b>4</b> 58	96	36	<u>b</u> /	3.3	489
586 F. Tegart	116	Mar. 24, 1939	650	56	89	46	317	221	82	b/	-	505
591 Mrs. R. E. Glove	r 200	Sept.11, 1939	602	64	67	58	329	181	65	<u>b</u> /	5.2	436
593 T. E. Barton	81	July 22, 1939	742	74	80	75	348	246	96	<u>b</u> /		514
594 V. J. Williams	85	Sept.11, 1939	487	58	55	45	317	120	48	<u>b</u> /	5.1	369
603 E. A. Hankins	173	July 25, 1939	552	64	57	59	366	145	43	<u>b</u> /	4.2	395
604 H. Goodpasture	122	June 1, 1939	519	_		**	335	113	54	<u>b</u> /	-	-
605 Montgomery & Hutt	on 110	do.	611	80	76	30	329	173	90	<u>b</u> /		512
628 C. M. Wyatt	118	Sept. 7, 1939	568	71	68	33	281	193	61	<u>b</u> /	4.4	457
629 T. F. Fox	115	Sept.12, 1939	638	73	45	93	281	197	88	<u>b</u> /	4.0	368
631 D. A. France	185	June 16, 1939	506	54	54	57	336	129	42	<u>b</u> /	4.5	358
632 I. L. Ellwood Est		Sept. 6, 1939		58	66	53	311	140	84	b/	4.3	416
633 E. M. Dennis	165	do.	573	69	60	57	342	144	70	<u>b</u> /	4.6	417
634 W. F. Favor	167	May 17, 1939	628	68	66	64	354	194	62	b/	**************************************	441
635 I. L. Ellwood Est		Sept. 5, 1939	617	66	49	91	329	173	71	b/	5.0	365
636 A. N. Turner	135	Sept. 7. 1939	630	66	90	27	317	221	66	b/	4.4	536
642 E. Garrison	125	Sept.12, 1939	739	85	85	5 <b>4</b>	329	253	96	<u>b</u> /	4.4	563
643 D. N. Birdsong	108	Sept. 5, 1939	628	61	51	101	354	152	84	<u>b</u> /	5.0	362
650 I. L. Ellwood Est	. 123	June 16, 1939	649	78	76	42	311	230	66	<u>b</u> /	4.4	507
651 J. L. Williams	214	July 22, 1939	885	75	90	68	293	323	80	<u>b</u> /	4.9	555
652 S. B. Bardwell	120	May 17, 1939	573	-	-	-	317	113	98	b/	_	-
653 I. L. Ellwood Est		Sept.12, 1939	421	48	49	43	329	88	26	<u>b</u> /	5.3	320
662 J. B. Comer	122	Sept. 5, 1939	526	76	56	37	329	140	50	b/	5.1	420
670 I. L. Ellwood Est		Sept. 8, 1939	543	58	67	47	336	132	68	b/	4.9	421
672 J. C. Whaley	140	July 25, 1939	505	65	52	51	354	89	74	b/	<del></del>	377
674 W. F. Vernon	1.85	July 27, 1939	488	56	58	41	317	105	72	b/	·	381
0/ 0-1-1-1-2	300									<del></del>		

a/ Sulphate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

c/ Analyses of selected wells are given in milligrams equivalents per liter on page 72.

Partial analyses of water from wells in Hockley County--Continued Results are in parts per million.

Results are in parts per million.													
		Depth	Date	Total			- Sodium and			Chlo-	•	Fluor-	Total
Well	Owner	of	of	dissolved	į.	sium	Potassium	bonate		ride	trate	ide	hardness
c/		well	collection	solids	(Ca)	(Mg)	(Na ≠ K)	(HCO <sub>3</sub> )	(SO <sub>4</sub> )	(C1)	(NO3)	(F)	as CaCO3
		(ft.)		(calc.)			(calc.)		İ				(calc.)
	V. H. Sill	1.40	July 21, 1939	479	53	51	57	342	85	60	<u>b</u> /	5.3	342
	R. Sid es	89	May 17, 1939	559	-			384	117	50	<u>b</u> /	~	-
679 C	C. Turner	79	do.	440	79	49	20	409	69	17	<u>b</u> /	4.5	400
680 0	F. M. Wynn	110	do.	573	58	60	67	360	146	65	<u>b</u> /		392
683 V	7. J. Williams	83	June 1, 1939	771	101	74	66	305	247	130	<u>b</u> /	3.2	555
703 N	I. V. Vermillion	104	May 25, 19 <b>3</b> 9	643	53	59	102	409	161	67	<u>b</u> /	<b></b>	376
710 J	Tack Mullin	126	May 24, 1939	557	42	40	110	329	145	54	<u>b</u> /	4.2	269
	E. G. Smith	117	Aug. 31, 1939	630	38	40	141	378	169	56	<u>b</u> /		260
724 I	F. E. Hill	106	May 17, 1939	723	48	50	. 147	378	223	64	<u>b</u> /	4.6	326
	Ellwood Est.	110/	Feb. 7, 1940	623	79	58	65	384	154	52	21	4.6	436
738	do.	110	do.	485	52	53	54	342	113	40	<u>b</u> /	4,5	348
739 M	M. T. Holley	110/	Feb. 6, 1940	400	34	36	72	299	51	56	<u>b</u> /	4.4	232
740 E	Ellwood Est.	110/	Feb. 7, 1940	606	53	51	103	390	142	60	<u>b</u> /	4.6	341
7 43	do.	105	do.	572	59	51	79	329	160	56	b/	5.0	356
	J.S.Dept. of Agri		Feb. 6, 1940	696	70	85	50	287	261	84	<u>b</u> /	4.6	528
	Farm Security As												
750	do.	126	do.	682	81	74	55	305	229	88	<u>b</u> /	4.8	505
754	do.	125	do.	744	64	69	105	354	206	108	<u>b</u> /	4.4	442
763	do.	1.25	₫o.	480	38	46	84	372	71	54	<u>b</u> /	4.4	283
767	do.	124	do.	601	30	38	152	451	95	58	<u>b/</u>	5.5	234
776	do.	144	do.	471	45	58	55	384	67	52	<u>b</u> /	4.8	351
786	do.	136	do.	717	95	75	52	293	221	126	b/	4.4	546
I THE REAL PROPERTY OF THE PART	ellwood Est.	110/		656	66	69	79	403	142	82	b/	4.6	447
	J.S.Dept. of Agri		do.	509	54	56	61	366	83	70	<u>b</u> /	4.7	364
<del></del>	Farm Security As												
795	do.		do.	6 07	68	68	54	323	190	63	<u>b/</u>	5.0	447
798	do.	<del>-</del>	do.	531	67	59	41	293	152	63	<u>b</u> /	4.8	411
804	do.	-	do∙	599	65	65	62	336	158	80	b/	4.2	430
808	do.		do.	546	56	62	60	366	129	54	<u>b</u> /	5.1	393
813	do.	1442	do.	579	36	56	108	409	99	74	<u>b</u> /	4.5	319
817	do.		do.	549	35	41	121	403	87	58	<u>b</u> /	5.1	255
821	₫o•		do.	481	48	53	62	366	73	60	<u>b</u> /	5.0	338
824	do.		do.	580	64	56	71	329	142	80	<u>b</u> /	4.6	389
827 W	V. L. Millsap	92	Feb. 7, 1940	537	67	57	49	311	142	64	<u>b</u> /	4.6	400
0/ 50	Inhata lasa than	10					c/ Analyse	a of an	he the	e of low	re give	n in m	illigrams

a/ Sulphate less than 10 parts per million.

b/ Nitrate less than 20 parts per million.

c/ Analyses of selected wells are given in milligrams equivalents per liver on page 72.

Chemical analyses--Continued
Results are in milligrams equivalents per liter

Results are in militarians equivalents per liter												
	Depth	., Date	Total		Magne-		1		Chlo-	Fluor-		Total
Well Owner	of	of	hardness	s cium	sium		bonate		ride	ide	trate	dissolved
1	well	collection	as CaCO	<sub>3.</sub> `(Ca)	(Mg)	(Na ≠ K)	(HCO3)	(SO4)	(C1)	(F)	(NO3)	solids
	(ft.)		(calc.)	·		(calc.)	1		!			(calc.)
205 H. J. Greener	109	Aug. 3, 1939	4,48	1.92	2.56	4.68	5.00	2.01	1.92	0.22	-	18.32
214 T. J. Richards	116	Aug. 7, 1939	10.98	3.82	7.16	10.45	6.20	9.24	5.73	0.26	_	42.86
227 C. D. Waters	80	Apr. 25, 1939	3.60	1.58	2.02	3.62	5.80	0.58	0.56	0.28		14.44
239 E. Pfeifer	94	Apr. 19, 1939	4.92	3.42	1.50	2.35	4.50	1.61	0.79	0.07	_	14.54
250 Ira P. DeLoache	135	Aug. 2, 1939	7.92	3.12	4.80	4.29	6.40	3.44	2.12	0.25	-	24.42
277 T. Summers	145	Apr. 18, 1939	8.18	2.98	5.20	2.61	5.30	3.22	2.03	0.23		21.58
289 Henry Fietz	122	Sept.13, 1939	8.44	4.84	3.60	2.22	4.20	4.01	2.20	0.25		21.32
293 P. H. Howry	75	May 26, 1939	7.26	2.90	4.36	2.88	5.10	2.94	1.86	0.24		20.28
301 B. M. Whittaker	93	June 28, 1939	8.40	3.04	5,36	5.79	5.40	4.28	3,95	0.22	0.34	28.38
405 M. Burnham	110	Aug. 29, 1939	8.86	3.86	5.00	5.12	4.80	6.04	2,88	0.25		27.96
416 W. S. Mitchell	101	May 24, 1939	6.74	2.48	4.26	3.53	5.80	2.26	1.97	0.23	-4-	20.54
523 L. E. Plunkett	160	Mar. 22, 1939	4.74	1.84	2.90	4.44	6.40	1.68	0.90	0.19	***	18.36
529 C. B. Edgar	130	Mar. 27, 1939	8.78	3.56	5.22	2.01	4.60	3.60	2.37	0.21		21.58
572 Baylor County	123	July 31, 1939	7.40	2.70	4.70	2.46	5.80	2.01	1.75	0.29	_	19.14
577 J. L. Smallwood	109	Sept.12, 1939	9.78	3.28	6.50	1.08	7.50	2.00	1.02	0.33	0.40	21.72
628 C. M. Wyatt	118	Sept. 7, 1939	9.14	3.54	5.60	1.43	4.60	4.01	1.72	0.23		21.12
636 A. N. Turner	135	do.	10.72	3.32	7.40	1.17	5.20	4.59	1.86	0.23	**	23.78
675 W. H. Sill	140	July 21, 1939	6.84	2.64	4.20	2.49	5.60	1.76	1.69	0.28		18.66
710 Jack Mullin	126	May 24, 1939	5.38	2.12	3.26	4.78	5.40	3,02	1.52	0.22		20.32
740 Ellwood Est.	110/	Feb. 7, 1940	6.82	2.66	4.16	4.48	6.40	2.96	1.69	0.24	_	22.60
789 do •	110/	Feb. 6, 1940	8.94	3.28	5.66	3.42	6.60	2.97	2.31	0.24	0.24	24.72
827 W. L. Millsap	92	Feb. 7, 1940	8.00	3.34	4.66	2.12	5.10	2.96	1.81	0.24	<del></del>	20.24

