STATE BOARD OF WATER ENGINEERS C. S. Clark, Chairman A. H. Dunlap, Member J. W. Pritchett, Member

BEE COUNTY, TEXAS

Records of wells, test wells, drillers' logs, chemical analyses of water and map showing location of wells

Work Projects Administration Project 13459

Analyses made and report mimeographed by WORK PROJECTS ADMINISTRATION Project 10443

Sponsored by the State Board of Watee Engineers with the United States Department of the Interior, Geological Survey, and the Bureau of Industrial Chemistry of The University of Texas cooperating.

April 1941

BEE COUNTY, TEXAS

Introduction By William O. George Assistant Geologist United States Geological Survey

This publication contains records of 170 wells, drillers' logs of 6 wells, logs of 25 test wells, and 140 chemical analyses of water obtained from water wells in Bee County. Texas.

A partial inventory of the water wells in Bee County was made by W. A. Lynch in 1974 under the supervision of the United States Tepartment of the Interior, Geological Survey, through an allotment of funds by the Federal Administration of Public Lorks. In addition to the inventory, field tests were made for chlorides, hardness and bicarbonate. The data obtained at that time were compiled and released in the form of photostat copies in 1975, but only a few copies were made for distribution.

On October 2, 1939, the Work Projects Administration started the second inventory which was sponsored by the State Board of Water Engineers in cooperation with the Federal Geological Survey, with J. M. Frazier, Jr., as project superintendent. In addition to the inventory a number of test holes were put down by TPA lebor and samples of water were collected from wells for more complete analyses. The field work was completed Jan. 1, 1940. This release contains the water-level measurements and field tests made in the former survey as well as the more complete chemical analyses made in Austin.

The analyses were made by chemists employed on Work Project Administration Project 10443 under the direction of Dr. J. P. Schoch, Director of the Bureau of Industrial Chemistry of The University of Texas, and D. W. Lohr, Chemist of the Quality of Water Division of the Geological Survey; the Bureau of Industrial Chemistry furnished laboratory space and equipment. This release was typed by typists employed on that project.

The records serve as guide to land owners, well drillers, and others who need information remarding wells, the depth to ground water in different parts of the county, and the quantity and chemical character of water yielded by wells. They afford a basis for the more intensive investigation that is now being carried on by the State Board of Water Ingineers in cooperation with the 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.

These projects are a part of a State-wide investigation of the underground water resources of Texas, and are sponsored by the Texas State Board of Mater Engineers in cooperation with the United States Department of the Interior, Geological Survey. Acknowledgement of their cordial interest and cooperation is due the 10th field office of the Work Projects Administration and the Commissioners of Bee County. -3-

Records of wells in Bee County, Texas

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

	(See "	Logs of V. P. A. t	est wells" for all	l records	s of t	cest we	ells.	1
		•			_		1	Height of
No•	Distance	Owner	Driller	Topo-	Date	Depth	Diam-	measuring
	from	2 1 1		graphic	com-	of	eter	point
	Pettus			situa-	ple-	well	of	above
		5 M		tion	ted	(ft.)		ground
		i					(in.)	1 7
1	141 miles	F. J. Hoff	Jonker & Goodout	Hillton	1910	375	51	2.5
-	west							~
3	15 miles	W. Frank	G. Moses	Hill-	1919	275	4	1.2
	west			side	+010		-	1
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	121 miles	Mrs. E. Cook	A. Cook	Flat	1926	135	4	2.0
U	west	MID. H. COOR	A. COCK	L'TGO	1.520	100	- <del></del>	2.0
		Mrs. C. Hoagland	G. Moses	Hilltop	1014	119	4	
<u>'</u> ±		MIS. O. Hoagrand	G. MOSES	mirrop	1214	113		
·	west	1 717 A 35 3 3		722	1005			
5	$12\frac{1}{4}$ miles	W. A. Mueller	do.	Flat	1925	90	,4 ,4	0.5
	west							
6	ll miles	T. M. Plumer	B. M. Schindler	Hilltop	1931	275	4	1.3
	west	·		. <u></u>				
7	12 miles	E. H. Peterson	R. H. Pursley	do.	1925	172	4	1.2
	west							
8	11 miles	H. W. Marcheck		Flat	1920	168	4	2.0
	west							
9	9 miles	H. H. Voges	J. E. Fox	Hilltop	1912	276	4 <u>+</u>	1.0
	west	3					-4	
10	9g miles	Schroeder &		Flat	1900	312	4	
-0	west	Holland			1000	0.10	-	
11	10 miles		G. Moses	Hilltop	1914	200	$\frac{1}{4\frac{1}{1}}$	
-tt+	west	10000 01800	G. 10262	TITTIOD	1914	200	± 1	
19	9 miles	W. A. Robertson	W. A. Robertson		1935	60	1	<u> </u>
17		W. A. RODErtson	W. A. RUDertson		1593	עס	4 <u>1</u>	
1.7	west	1		7777	1077	2.07		1 0
13	94 miles	do.	do.	Flat	1933	163	4	1.2
	west							<u> </u>
14	8 miles	Theo. Plummer		Hill-	1930	110	4	0.2
	West			side				
20	9 miles	0. Schmenemann	<b></b> ••	Flat		44	4.1	1.0
	northwest							
<u>d/ 21</u>	7 miles	A. Peterson		Hill-		153	4-1	1.0
	northwest			side			_	
1/ 22	7 miles	A. Millor	W. L. McCoy	Flat	1934	139	6	1.5
	west		-					
1/ 23	4 miles	M. T. Pox	N. J. Copeland	Hill-	1902	120	41	
	northwest			side			·-	
d/ :34	4 miles	R. & J. P. Dahl	M. T. Fox	Gentle		176	4불	
لي الس	northwest		and - un of the bolds,	slope			-4	
25	6 miles	W. G. Rutledgo	Davis	Flat	1900	60	6	2.0
40	vest	W. A. WALTONSS	Davis	TICU	1000		U	₩+U
<u></u>	the second se	TT T) 7				1 775		1 0
20	51 miles	H. Puilin	~~	do.		115		1.0
	west				1075			
27	$4\frac{1}{4}$ miles	C. S. Page	J. H. Brooks	do.	1930	170	$4\frac{1}{4}$	1.0
	west					ļ		ļ
28	2° miles	J. E. Copcland		do.	1904	105	47	1.5
	northwest							

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; G, ;asoline; E, electric; H, hand; number indicates horsepower.

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

	Nater	<u>level</u>			
No•	Depth	Date of	Pump	Use	Remarks
		measure-	and	of	
	measur		1 1	water	
	ing po				
			<u>b</u> /	<u>c</u> /	
	(ft.)	the second s			
l	233.9	Nov. 8,	C,W	D,S	Reported water tastes salty. Well was originally 275
i	1	1939			feet deep and was deepened in search of better water.
2	127.9	do.	C,W	D,S	Water level   Water level 172.4 feet, May 23, 1954.
			.,		127.8 feet, May 8, 1934. Reported strong supply of
	119.1	Nov. 7,	C,W	D,S	Vater level 116.9 feet, April 18, 1934.   hard water.
U	110.1	•	0,11	1,0	
		1939	L		Reported strong supply of salt water. Iron casing to
4	105-3		C,W	D,S	Water level 106.6 feet, May 14, 1934. bottom.
		1939			Reported strong supply of soft water.
5	83.6	do.	Ü,""	D,S	Water level 83.2 feet, May 14, 1934. Reported strong
			Í		supply of hard water.
6	74.8	do.	C,W	D,S	First water at 145 feet; second water at 205 feet.
U	1.2.0	40.	♡,₩	ט, ע	
the broken Pa					Vater level 69.1 feet May 23, 1939.
7	102.9	i0:	C,W	D,S	Water has taste of sulphur. First water at 70 feet
					reported salty; second water at 125 feet, bitter.
S	157.3	30.	C,W	D,S	Water level Water level 102.5 feet, May 23, 1934.
					156.8 feet, May 14, 1934. Seported strong supply of
9	232.2	do.	0,"	D,S	Well on high ground. Reported weak soft water.
	1.0.0-1.7	94.5 F	, °,	,	supply of soft water. Tastes salty.
10	0.00			+ ~ ~	
10	260	<u>e</u> /	C,7	D,S	Water level 247.1 feet. May 23, 1934. Weil on high
			L		ground. Reported weak supply of soft water.
11	160	<u>ə</u> /	C,W	D,S	Reported weak supply of soft water.
12	50.6	Nov. 14,	C,G	D,S	Water level 45.8 feet, May 9, 1934. Yield reported
		1939	l í		very small. Sandstone reported from 50 to 54 feet
דר	150.0		C,W	S	Water level giving a weak supply of soft water.
20	100.0	40.	Υ, "		150.0 feet, May 23, 1939. Sand and blue clay reported
	<u> </u>	7	C1 111		
14	63.2	Dec. 20,	C,W	D,S	Reported from 150 to 163 feet giving salty water.
		1939	1		strong supply of hard water.
20	35.0	Nov. 22,	C.W	D,S	Water level 35.0 feet, April 18, 1934. Reported
		1939			strong supply of soft water.
21	134.9	d.).	C,11	D,S	Water level 156.5 feet, May 14, 1934. Reported
			, , , , , , , , , , , , , , , , , , , ,	,~	strong supply of soft water.
- 99	104 0		N	Mona	
66	104,8	do.	N1	None	Unused.
•					
23	59.7	do.	C,W	D,S	Water level 56.3 feet, April 19, 1934. Reported
					strong supply of hard water.
24	113.4	do.	C.W	S	Water level 110.4 feet, May 7, 1934. Reported strong
			,		supply of soft water.
25	45 .	Nov. 14,	C, //	s	Water level 41.9 feet, May 23, 1934. Reported strong
κU	1 J .		,₩	L D	
		1939		i	supply of hard water.
26	102.1	do.	C,W	D,S	Water level 99.1 feet, May 9, 1939. Reparted strong
				1	supply of hard water.
27	71.9	do.	C,W	D.S	Water sand is very thin. Water level 65.2 feet, June
			- ,	-,-	4, 1934. Reported weak supply of hard water.
28	93.1		C,W,G		
20	1 20.1	do.	V, N, G	D,S	Well deepened 200 feet without finding water.
	1 1				

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

d / No water sample collected for analysis. e/ Water level reported.

-4-

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Records	lo	wells	in	Bəe	CountyContinued

·		Records of	wells in Bae Coun	tyCont	inued				
								Height of	
No.	Distance	Owner	Driller	Topo-	{		1	measuring	
	from			graphic		of	eter	point	
	Pettus			situa-	<u> </u>	well	of	above	
				tion	ted	(ft.)	well	ground	
							(in.)	(ft.) <u>a</u> /	
29	l mile	G. A. Ray	J. E. Fox	Hilltop	1910	130	5-		
	southwest	-		-	ł		3/10	6	
-30	2- miles	do.		Flat		76	5-		
	north				ł		3/1		
51	31 miles	Houston Oil Co.	R. H. Pursley	do.	1934	560	<u>4</u> 袁		
01	north	10000001 011 00.	THE THE TUIDION	40.	1001	000	-12	¢	
79	1 mile	G. A. Ray		do.	+	112	$\frac{1}{4\frac{1}{4}}$	0.2	
UL.		G. A. hay		uu.		110	±4	0.2	
	north				1070	0.70	<u> </u>	ļ	
33	In Pettus	C. P. & L. Co.	Layne-Texas	Hilltop	1930	238	81/4		
					L	1	L		
54	2 miles	Mrs. W. E.	I. N. Powell	Flat	1914	190	$4\frac{1}{4}$	1.2	
	southeast	McKinney							
i/ 35	l _s miles	M. A. Nevman	Houston Oil Co.	Hilltop	1931	3,685			
	west			-	1		1		
3/ 56	l <u>i</u> miles	E. Gremmel	Texas Oil Co.	Flat	1932	3,900			
	southwest						1		
d/ 37	4 miles	J. E. Roth		do.	1934	3,970			
<u>⇒</u> 0.	southwest	0. T. 1000			1.001	0,010			
	$7_4^2$ miles	C. H. Cook	Bert Archer	Hilltop	1075	69	8	0.3	
ŲΟ	-	U. H. OUOR	Dert Aroner	mirrob	11900	09	0	0.5	
70	southwest	7 T 10 +			1000				
23	8 miies	J. Looney Est.		Flat	1880	20	36	2.0	
	southwest			ļ	L	ļ			
<u>d</u> / 40	12 ¹ miles	0. 0. Edwards		do.		128	4		
	southwest								
41	11 miles	R. R. Dubose	R. R. Dubose	Hilltop	1917	101	6	0.2	
	southwest			ĺ					
42	12 miles	J. R. North		Flat	1900	93	6	0.2	
	southwest								
43	8 miles	V. F. Marshall	A. Pullin	Hill-	1917	41	41	0.8	
	southwest			side					
1.1	$9\frac{1}{4}$ miles	H. E. Yoward	E. Schbook	Hilltop	11071	274	1	1.5	
- <b>T</b> *T	southwest	II. E. IUwalu	E. DOUDOOK	mirrob	T 2T#	6/1	4	1.0	
A [["	8 ¹ / ₁ miles	F. S. New	E C Daudalah		1926	147			
40		T. D. 149M	T. C. Randolph	do.	1320	147	4		
	southwest								
46	6 miles	R. C. Harris		Flat		136	31	0.2	
	southwest				ļ	<u> </u>		L	
50	5 miles	Felipe Perez		Hilltop		127	6 <u>1</u>	0,2	
	southwest								
51	$3\frac{1}{4}$ miles	C. B. Steltzfos	C. B. Steltzfos	Flat	1919	1.04	41	0.5	
	south				ł		1		
<u>d/ 52</u>	35 miles	Dirk Bros.	W. L. McCoy	do.	1930	348			
	south						1		
57	14 milus	C. B. Steltzfos	all	đo.	1919	75	$4\frac{1}{2}$	1.0	
00	southeast	Est.		40.	1010			1.0	
d/ 54	47 milos	 dv.	R. H. Pursley	do.	<b> </b>	600	1-1-	1.5	
<u>9</u> / 04	1 -	a0.	R. H. FURSLey	a0.		600	$4\frac{1}{4}$	1.5	
••••••••••••••••••••••••••••••••••••••	southeast			<u>-</u>	<b> </b>		<u> </u>		
55	8 miles	G. T. Roberts		do.		104	6	1,0	
·····	south				L	L			
<u>d</u> / 56	In	D. Stulken		do.		93	$4^{1}_{-1}$	1.0	
	Normana		1			1	-	1	
57	the second se	C. A. Butts		do.	1900	60	4	1.0	

-6-

Records obtained by J. M. Frazier, Jr., Project Superintendent

han Panatina dari			00000	filled by	je me iidhioi, bie, iiojoos baporintonaont
	The sub-state of the local division in	r level	1	1	
No.	Depth	Date of	Pump	Use	Remarks
	4	measure-		of	
	1		1	\$	
	measu		power	water	
	ling po	oint	<u>b</u> /	<u>c</u> /	
	(ft.)		1 -	-	
- 30-					
చ9	103.4	Nov. 14,	¦∪,₩,≝	D,S	Water level 107.5 feet, April 19, 1934. Reported
	ĺ	1939	1		strong supply of hard water.
30	62.1	do.	C.W	S	Water level 60.3 feet, April 19, 1934. Reported
•,0	05.1	40.	~,~		
-					strong supply of soft water.
31			C,W	D,S	Temperature 81° F. Reported strong supply of hard
				1	water.
32	07 0	NT 7.4			
<u></u> చి	97.6	Nov. 14,	C,V	D,S	Reported strong supply of hard water.
		1939	-		
33			C,E	P	. Do•
00			,		• • • •
34	126.3	Dec. 5,	C, W, G.	D,S	Water level 124.2 feet, May 30, 1934. First water at
		1939	112		124 feet with small yield.
~5		1.000			
Gr			C,G,		Oil test. See log.
			25	1	
36			C,G,		Do.
00					
			25		l
:27		·	U,G		Do.
	Í				
38	64.3	Dec. 20,	C,W	D,S	Reported weak supply of soft water.
		1939			
39	18.0	Nov. 8,	C,H	D,S	Do.
05	10.0		0,11	1,0	
		1939			
40			C,H	None	Water level 102.5 feet. May 10, 1934. Casing plugged.
				i	
·····	00 7	37		<u> </u>	
41	89.3	Nov. 6,	C,W	D,S	Water level 86.4 feet, May 10, 1934. Reported strong
		1939			supply of soft water.
42	84.7	do.	C,ª	D,S	Water level 82.3 feet, June 15, 1934. Reported strong
1	0101	40.	,. ,.	1 2.5	
					supply of soft water.
43	39.1	Nov. 8,	C,W	D,S	Water level 37.5 feet, June 4, 1934. Reported strong
		1939			supply of hard water.
4.4	117.7		OTCO		First water at 60 feet. Well is finished in third
÷±*±	117.07		U, N, jur	, <i>D</i> ,D	
		1939	1를		water stratum. Reported strong supply of hard water.
45			C,V.,G	D.S	Water level 105.1 feet, May 11, 1954. Reported strong
	{ ·			, - ,~	
			11/2		supply of hard water.
46	85.3	Nov. 14,	C,W	D,S	Water level 86.1 feet, June 4, 1934. Reported weak
		1939			supply of hard water.
50	114.5		C,W	n a	Water level 110.9 feet May 11, 1934. Temperature
UC	11440	- u.).	∪ <b>,</b> ₩	D,S	
	1		1		740 F. Reported weak supply of soft water.
51	70.0	Nov. 26,	C,W	D,S	Water level 66.2 feet, May 15, 1934. Reported strong
0 L	1 .0.0	•	~,"	1 2,0	
		1939	1	L	supply of hard water.
52		*****			Water level 148.6 feet, May 16, 1934. Casing pulled
					and well plugged.
		37 00			
53	01.0	Nov. 26,	C,W	D,S	Water level 53.0 feet, May 15, 1934. Reported strong
		1939			supply of hard water.
54	101.1	the second se	C,W	D,S	Water level 98.4 feet, May 15, 1934. Reported strong
JŦ		uu.	$\cup, w$	U,0	
					supply of soft water.
55	76.3	do.	C,W	D,S	Water level 73.8 feet. June 18, 1934. Reported strong
-			- , ,,	},~	
					supply of hard water.
56	48.3	do.	C,E	D,S	Water level 44.2 feet, June 16. 1934. Reported strong
					supply of soft water.
57	46.6	đo.	C,H	D.S	
57	±0+0	40.	i Jayan in	מ.ע	
					supply of soft water.

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Records	of	wells	in	Bee	CountyContinued					

		Records of v	vells in Bee Coun	tyCont:	inued			
	4					l		Height of
No.	Distance	Owner	Driller	Topo-	Date	Depth	Diam-	measuring
	from			graphic	com-	of	eter	point
	Pettus	1		sit:a-		well	of	above
	100040			tion	ted	(ft.)	9	ground
				UTOH	060	(1(•)		
3/ 55	1				2005		(in.)	(ft.) <u>a/</u>
<b>₁</b> ∕ 58	8 miles	Hicks & Hall	R. H. Pursley		1933	300	41	
	south			Į		]		
1/ 59	9- miles	D. L. Demory	T. P. Prundrett	Flat	01d	108	4	0.5
	south						l	
60	4 miles	Carlos Carrizoles		Hilltop		120	4	
00	south	Sarros Sarrissios		Intri oop		1 200	-	
2/ 03		P. D. Cartat		1 707				
<u>d</u> / 61	8- miles	J. R. Scott		Flat		60	4 <u>1</u>	1.0
	south							L
<u>1</u> / 62	7g miles	School District	Brooks	do.	1923	100	41	i 0.E
	southeast	No. 33						l t
1 63	5 miles	Striebeck	Salt Dome Oil	Hilltop	1937	3,100		
	south		Co.			-,		
C 4		D- ala		40		70	4	0.0
04	$6^{1}_{1}$ miles	M. Beck		do.		70	4	0.0
	southwest			 	ļ	L	ļ	L
<u>d</u> / 65	do.	P. L. Campbell	M. V. Duncan Oil	Flat	1934	3,900		
_			00.	4		ļ	1	l l
66	do.	do.		đo.	1884	120	4	1.0
	1			aur		1	-	
	171	N. Arrizolla		do.		65	60	1.0
67	$7\frac{1}{2}$ miles	N. AFFIZOITA		uo.		00	00	1.0
	southwest			ļ		 		
68	8g miles	C. A. Bast		Hill-	1890	F00		1.0
	southwest			side				
69	li miles	Community Church		Flat		60	5	2.0
	southwest							1
								Height of
Nc•	Distance	Owner	Driller	Topo-	Date	Depth	Diam-	measuring
	from			graphic	com-	of	leter	point
	Beeville			situa-	ple-	well	of	above
				tion	ted	1	well	ground
				01011	000	(101)	1 .	1 7
····	ļ						(in.)	(ft.) <u>a</u> /
70	ll4 miles			Flat		83	4	0.2
	east	National Bank		1				
71		Mrs. J. W. Carson		do.		153	$4\frac{1}{4}$	2.4
	east						··	. —
3/ 70	10g miles	A. Theis	· L. McCoy	do.	1934	209	4:1	
u in	N	Nº THOTO	• I • MOUUY	j \LU#	11.00	1 203	±4	
			_				i	
<u>– – – – – – – – – – – – – – – – – – – </u>	Jeast		-					
10	ll miles	Patrick Martin		do.		67	36	1.2
	ll miles northwest	Patrick Martin		do.		67	36	
	ll miles		J. New			67	36 4	
	ll miles northwest 8g miles	Patrick Martin P. H. & M. P.	J. New	do.				1.2
74	ll miles northwest 8 ¹ / ₂ miles northwest	Patrick Martin P. H. & M. P. Martin	J. New	do.	1898	83	4	0.5
74	ll miles northwest 82 miles northwest 44 miles	Patrick Martin P. H. & M. P. Martin T. J. Foreman	J. New	do.				
74	ll miles northwest 8½ miles northwest 4′ miles northwest	Patrick Martin P. H. & M. P. Martin T. J. Foreman Est.	 J. New 	do. do. do.	1898 	83 73	4	0.5
74	li miles northwest 8½ miles northwest 4' miles northwest 7 miles	Patrick Martin P. H. & M. P. Martin T. J. Foreman	 J. New 	do.	1898	83	4	0.5
74	ll miles northwest 8½ miles northwest 4′ miles northwest	Patrick Martin P. H. & M. P. Martin T. J. Foreman Est. Sydney Smith	 J. New 	do. do. do.	1898 	83 73	4	0.5 0.5 1.5
74 75 76	li miles northwest 8½ miles northwest 4° miles northwest 7 miles west	Patrick Martin P. H. & M. P. Martin T. J. Foreman Est. Sydney Smith	J. New 	do. do. do. do.	1898 	83 73 92	$\frac{4}{5\frac{1}{2}}$	0.5 0.5 1.5
74 75 76	li miles northwest $8\frac{1}{2}$ miles northwest 4, miles northwest 7 miles west $5\frac{1}{4}$ miles	Patrick Martin P. H. & M. P. Martin T. J. Foreman Est.	J. New 	do. do. do.	1898  1892	83 73	4	0.5
74 75 76 77	li miles northwest $8\frac{1}{2}$ miles northwest $4^{\circ}$ miles northwest 7 miles west $5\frac{1}{4}$ miles west	Patrick Martin P. H. & M. P. Martin T. J. Foreman Est. Sydney Smith J. Harris	J. New 	do. do. do. do. do.	1898  1892 	83 73 92 120	$ \frac{4}{5\frac{1}{\varepsilon}} $ $ \frac{4}{4\frac{1}{4}} $	0.5 0.5 1.5 1.5
74 75 76 77	li miles northwest $3\frac{1}{2}$ miles northwest $4^{\circ}_{i}$ miles northwest 7 miles west $5\frac{1}{4}$ miles west 7 miles	Patrick Martin P. H. & M. P. Martin T. J. Foreman Est. Sydney Smith	J. New 	do. do. do. do.	1898  1892	83 73 92	$\frac{4}{5\frac{1}{2}}$	0.5 0.5 1.5
74 75 76 77 78	li miles northwest $3\frac{1}{2}$ miles northwest $4^{\circ}_{i}$ miles northwest 7 miles west $5\frac{1}{4}$ miles west 7 miles west 9 miles west	Patrick Martin P. H. & M. P. Martin T. J. Foreman Est. Sydney Smith J. Harris Whitehead Est.	J. New 	do. do. do. do. do.	1898  1892 	83 73 92 120 49	$ \frac{4}{5\frac{1}{g}} $ $ \frac{4^{\frac{1}{4}}}{4^{\frac{1}{4}}} $	0.5 0.5 1.5 1.5 3.0
74 75 76 77 78	li miles northwest $8\frac{1}{2}$ miles northwest $4^{\circ}_{i}$ miles northwest 7 miles west $5\frac{1}{4}$ miles west 7 miles	Patrick Martin P. H. & M. P. Martin T. J. Foreman Est. Sydney Smith J. Harris	J. New 	do. do. do. do. do.	1898  1892 	83 73 92 120	$ \frac{4}{5\frac{1}{\varepsilon}} $ $ \frac{4}{4\frac{1}{4}} $	0.5 0.5 1.5 1.5
74 75 76 77 78	li miles northwest $8\frac{1}{2}$ miles northwest $4^{\circ}$ miles northwest 7 miles west $5\frac{1}{4}$ miles west 7 miles west $6^{\circ}_{4}$ miles	Patrick Martin P. H. & M. P. Martin T. J. Foreman Est. Sydney Smith J. Harris Whitehead Est.	J. New 	do. do. do. do. do.	1898  1892 	83 73 92 120 49	$ \frac{4}{5\frac{1}{g}} $ $ \frac{4^{\frac{1}{4}}}{4^{\frac{1}{4}}} $	0.5 0.5 1.5 1.5 3.0
74 75 76 77 78 79	li miles northwest $8\frac{1}{2}$ miles northwest $4\frac{1}{1}$ miles northwest 7 miles west $5\frac{1}{4}$ miles west $6\frac{1}{1}$ miles west $6\frac{1}{1}$ miles west	Patrick Martin P. H. & M. P. Martin T. J. Foreman Est. Sydney Smith J. Harris Whitehead Est. Dave Turner	J. New 	do. do. do. do. do. do.	1698  1892 	83 73 92 120 49 89	$ \begin{array}{c} 4\\ 5\frac{1}{2}\\ 4^{4}\\ 4\\ 4\\ 4\\ 4 \end{array} $	0.5 0.5 1.5 1.5 3.0 0.0
74 75 76 77 78 79	li miles northwest $8\frac{1}{2}$ miles northwest $4^{\circ}$ miles northwest 7 miles west $5\frac{1}{4}$ miles west 7 miles west $6^{\circ}_{4}$ miles	Patrick Martin P. H. & M. P. Martin T. J. Foreman Est. Sydney Smith J. Harris Whitehead Est.	J. New 	do. do. do. do. do.	1898  1892 	83 73 92 120 49	$ \frac{4}{5\frac{1}{g}} $ $ \frac{4^{\frac{1}{4}}}{4^{\frac{1}{4}}} $	0.5 0.5 1.5 1.5 3.0

-8-

Records obtained by J. M. Frazier, Jr., Project Superintendent

				y J. M. Frazier, Jr., Project Superintendent
Dapth			Use	Romarks
		1		
		1 <b>-</b> .		
			<u>c</u> /	
		<b></b>		
TOG	<u>e</u> /			Water lovel 95.3 feet, June 18, 1934.
92.5	•	C,W	D,S	Water lovel 82.2 feet, June 18, 1934. Temperature 75° F. Reported strong supply of hard water.
62.5	Dec. 12,	C,W	D,S	Reports' strong supply of hard water.
50.1	Nov. 26, 1939	C,15	D,3	Water level 45.7 feet, June 19, 1934. Reported strong supply of soft water.
50.7	do.	C,W	D	Water level 48.4 feet, May 16, 1934. Reported strong supply of hard water.
•••		J,G		Oil test. See log.
63.0	Dec. 12, 1939	C , 11	D,S	Reported strong supply of hard water.
		₹,G, 46		Oil test. See log.
91.9	Dec. 12, 1939	С,Ÿ.	D,S	Reported strong supply of hard water.
46.7	do.	C,W	D,S	Do.
78.5	Dec. 20, 1939	C,7	D,S	Do.
43.7	10.	C,H	D	Reported weak supply of hard water.
and the state of t				
-		. ~	1 1	Remarks
		1		
measu:		power	water	
		· ·		
ing particular (ft.)	oint	<u>b</u> /	<u>c</u> /	
(ft.)	oint 	<u>b</u> /		Water level 65.3 feet May 26 1934. Reported strong
(ft.)	pint Nov. 15,	<u>b</u> /		Water level 65.3 feet. May 26, 1934. Reported strong
(ft.)	oint No <b>v.</b> 15, 1939	<u>b</u> /		supply of hard water. Nater level 120.1 feet, May 19, 1934. Reported strong
(ft.) 68.7	oint No <b>v.</b> 15, 1939	<u>b</u> ∕ ○,₩	D,S	supply of hard water.
(ft.) 68.7 122.2	oint Nov. 15, 1939 do.	<u>b</u> / C,W C,W	D,S D,S 	supply of hard water. Water level 120.1 feet, May 19, 1934. Reported strong supply of soft water. Casing pulled and well plugged.
(ft.) 63.7 122.2  63.8	Dint Nov. 15, 1939 do.  Nov. 6, 1939	<u>b</u> / C,W C,W	D,S D,S  S	supply of hard water. Water level 120.1 feet, May 19, 1934. Reported strong supply of soft water. Tasing pulled and well plugged. Water level 56.4 feet, June 13, 1934. Reported strong supply of soft water.
(ft.) 63.7 122.2  63.8 46.7	Nov. 15, 1939 do.  Nov. 6, 1939 do.	<u>b</u> / C,W C,W C,W C,G	D,S D,S  S D,S	<pre>supply of hard water. Water level 120.1 feet, May 19, 1934. Reported strong supply of soft water. Casing pulled and well plugged. Water level 56.4 feet, June 13, 1934. Reported strong supply of soft water. Mater level 41.7 feet, June 13, 1934. Reported strong supply of soft water.</pre>
(ft.) 68.7 122.2  63.8 46.7 58.3	Dint Nov. 15, 1939 do.  Nov. 6, 1939 do. do.	<u>b</u> / C,W C,W C,W C,G C,W	D,S D,S  D,S D,S	<pre>supply of hard water. Water level 120.1 feet, May 19, 1934. Reported strong supply of soft water. Casing pulled and well plugged. Water level 56.4 feet, June 13, 1934. Reported strong supply of soft water. Mater level 41.7 feet, June 13, 1934. Reported strong supply of soft water. Water level 50.9 feet, June 15, 1934. Reported strong supply of soft water.</pre>
(ft.) 68.7 122.2  63.8 46.7 58.3	Nov. 15, 1939 do.  Nov. 6, 1939 do.	<u>b</u> / C,W C,W C,W C,G C,W C,W	D,S D,S  D,S D,S	<pre>supply of hard water. Water level 120.1 feet, May 19, 1934. Reported strong supply of soft water. Casing pulled and well plugged. Water level 56.4 feet, June 13, 1934. Reported strong supply of soft water. Mater level 41.7 feet, June 13, 1934. Reported strong supply of soft water. Water level 50.9 feet, June 13, 1934. Reported strong supply of soft water. Water level 50.9 feet, June 13, 1934. Reported strong supply of soft water. Water level 61.3 feet, June 13, 1934. Well deepened</pre>
(ft.) 68.7 122.2  63.8 46.7 58.3	<pre>Dint Nov. 15, 1939 do. Nov. 6, 1939 do. do. Nov. 15, 1939</pre>	<u>b</u> / C,W C,W C,W C,G C,W	D,S D,S  D,S D,S	<pre>supply of hard water. Water level 120.1 feet, May 19, 1934. Reported strong supply of soft water. Casing pulled and well plugged. Water level 56.4 feet, June 13, 1934. Reported strong supply of soft water. Mater level 41.7 feet, June 13, 1934. Reported strong supply of soft water. Water level 50.9 feet, June 15, 1934. Reported strong supply of soft water. Water level 50.9 feet, June 13, 1934. Reported strong supply of soft water. Water level 61.3 feet, June 13, 1934. Well deepened from 85 to 93 feet 1903. Reported strong supply of Water level 89.3 feet, May 19, 1934.</pre>
(ft.) 63.7 122.2  63.8 46.7 58.3 67.1	Dint Nov. 15, 1939 do. Nov. 6, 1939 do. Nov. 15, 1939 do.	<u>b</u> / C,₩ C,₩ C,₩ C,₩ C,₩ C,₩	D,S D,S  D,S D,S , D,S	<pre>supply of hard water. Water level 120.1 feet, May 19, 1934. Reported strong supply of soft water. Casing pulled and well plugged. Water level 56.4 feet, June 13, 1934. Reported strong supply of soft water. Mater level 41.7 feet, June 13, 1934. Reported strong supply of soft water. Water level 50.9 feet, June 15, 1934. Reported strong supply of soft water. Water level 50.9 feet, June 15, 1934. Reported strong supply of soft water. Water level 61.3 feet, June 13, 1934. Well deepened from 85 to 93 feet 1903. Reported strong supply of Water level 89.3 feet, May 19, 1934. soft water. Reported strong supply of soft water. Water level 27.9 feet, June 13, 1934. Temperature</pre>
(ft.) 63.7 122.2  63.8 46.7 58.3 67.1 89.8	Dint Nov. 15, 1939 do.  Nov. 6, 1939 do. do. Nov. 15, 1939 do. do.	<u>b</u> / C,W C,W C,W C,G C,W C,W	D,S D,S D,S D,S D,S , D,S S	<pre>supply of hard water. Water level 120.1 feet, May 19, 1934. Reported strong supply of soft water. Casing pulled and well plugged. Water level 56.4 feet, June 13, 1934. Reported strong supply of soft water. Mater level 41.7 feet, June 13, 1934. Reported strong supply of soft water. Water level 50.9 feet, June 15, 1934. Reported strong supply of soft water. Water level 50.9 feet, June 15, 1934. Reported strong supply of soft water. Water level 61.3 feet, June 13, 1934. Well deepened from 85 to 93 feet 1903. Reported strong supply of Water level 89.3 feet, May 19, 1934. soft water. Reported strong supply of soft water.</pre>
	Depth below measuring po (ft.) 100 92.5 62.5 50.1 50.1 50.7  63.0  91.9 46.7 78.5 43.7 Water Depth below	Depth Date of below measure- measur- ment ing point (ft.) 100 <u>e</u> / 92.5 Dec. 5, 1939 62.5 Dec. 12, 1939 50.1 Nov. 26, 1939 50.1 Nov. 26, 1939 50.7 do.  91.9 Dec. 12, 1939  91.9 Dec. 12, 1939 46.7 do. 78.5 Dec. 20, 1939 43.7 do. Water level Depth Date of below measure-	Depth Date of below measure- ment power ing point       Pump and power ing point         100       e/         92.5       Dec. 5, C,W         1939       62.5       Dec. 12, C,W         1939       50.1       Nov. 26, C,W         1939       50.2       C,W         1939       50.1       Nov. 26, C,W         1939       50.7       do.       C,W         1939       50.7       do.       C,W         1939       50.7       do.       C,W         1939       50.7       do.       C,W         1939        J,G         63.0       Dec. 12, C,W       1939           J,G         64.7       do.       C,W         1939       46.7       do.       C,W         1939       43.7       do.       C,W         1939       43.7       do.       C,H         Water level       Pump       Delow measure-       and	Depth Date of below measure-       Pump and of measure-       Second Stress         measur-       ment power water power water ing point       b/       c/         100       c/           92.5       Dec. 5, C,W       D,S       1939         62.5       Dec. 12, C,W       D,S       1939         50.1       Nov. 26, C,W       D,S       1939         50.1       Nov. 26, C,W       D,S       1939         50.7       do.       C,W       D,S         1939        J,G          63.0       Dec. 12, C,W       D,S       1939           J,G          63.0       Dec. 12, C,W       D,S       1939           J,G          64.7       do.       C,W       D,S         1939        Z,G,          46.7       do.       C,W       D,S         1939        D,S       1939         43.7       do.       C,W       D,S         1939        D,S       1939         43.7       do.       C,H       D

-9-Records of wells in Bee County--Continued

1-4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		Records of 1	wells in Bee Coun	tyCont	inuea			Tradable of
- ` -	Diatanac		Tran + 17 .m	Toro	Dete	Denth	; Diom	Height of measuring
No.	Distance	Owner	Drillor	t 1			leter	point
	from			graphic			4	-
	Beeville			1	1~	well	of	above
				tion	ted	(rt.)	1	ground
							(in.)	
öl	6 miles	J. A. Black	H. Powell	Flat	1928	120	5	i 1.0
	northwest	i i		-				
82	77 miles	N. Brica	••• •••	do.		- 98	4	0.4
	northwest				1			]
d/ 83	6 miles	Hicks & Hall	Dougherty Oil	do.	1937	3,630	10	j
	northwest		Co.					
94	9 ¹ miles	H. T. Murphey		(10.		70	56	······································
ੁੱਦ	1 -	in mai pricy			1	10		1
	Inorth			1	1005	174	<u> </u>	
ЭÇ	8 ¹ / ₂ miles	Sam Brown		Hill-	1903	134	4	C.6
·	west	• • •		side	<u> </u>	L		
έl	10 miles	Emil Kinkler		Flat	1906	224	4	1.0
	west							
32	13 miles	T. J. Hillard	Walker & Alsup	do.	1929	119	31	1.0
	west		-		ļ		-	
<u>्र</u> ू	77 miles	Ernest Kinkler		do.		120	4	0.3
		Linobo minita		u		1.50	-	
<u> </u>	iwest	F. H. Boothe	T	do.	1929	159	4	0.5
94	$3\frac{3}{4}$ miles	F. H. HOOTNE	Lawson	ao.	17929	104	4	0.5
	west						Ļ	
95	$15\frac{3}{4}$ miles	E. Mueller	~~	Hilltop	1914	96	4	1.0
	southwest							
96	45 miles	0. H. Sugarek	174 aut.	Flat		72	4	1.0
	south	_						
97	85 miles	A. W. Kinkler	E. W. Lawson	do.	1900	103	4	0.6
	southwest				[			
<u> </u>	10 miles	J. P. Impson	J. P. Impson		1888	110	6	
00			a. T. Turbou		12000	1 10	0	
	southwest		······································		1	00		
39	7 miles	I. J. Miller	1. N. Powell	Flat	1918	58	6	1.5
	southwest		······································		 			
100	75 miles	J. T. Ernest		do.	·	85	6	
	south			1				
101	3 <u> miles</u>	R. J. Besley	Alsup	do.	1939	92	4	0.9
	south	- 0	-		ł	1		
102	3 miles	F. T. Martin	J. Kelley	do.	1890	97	4	1.5
2,00	north			401	12010		-	
		Mrs. J. W. Greer		do.		160	4	1.0
TTO	1 -	mis. 1. A. aleel		- uu+			" <u>*</u>	
	north		77 37 70 -	<u>-</u>	ļ			<u> </u>
$\pm 15$	4; miles	Texas Exp.	I. N. Powell	do.		1.48	$4\frac{1}{4}$	
	northeast				ļ			ļ
116	31 miles	R. B. Barditt	Brooks	Hilltop	1927	115	$4\frac{1}{4}$	1.4
•	west							
117	21 miles	W. P. Richardson	do.	Flat		140	4	0.5
	west				[			1
119	l- miles	J. W. Bates	Tom Powell	do.	1902	187	5 <u>3</u>	1.0
لى « بىلەر مەلىر	mest	0 - <b>11</b> - 50000		GL VE T				1
<u> 7/110</u>	l [°] miles	do.		do.		90	4 <u>+</u>	
7 172		uu.		0.0+		<b>3</b> 0	-4	
- 73 6.5	west				1.000	000		L
5/120		C. P. & L. Co.	Homer Powell	do.	1903	278		
	Beeviile						5/8	
121	do.	đo•	Layne-Texas	d٥.	1331	1,539	155	
							~	
						1		
			1 2 1					
	·		۱ 	· · · · · · · · · · · · · · · · · · ·	·			

-10-Records obtained by J. M. Frazier, Jr., Project Superintendent

	Mator	· level	1	1	
Mo		the second se	Pump	TT	Dowewles
			1 ~	Use	Remarks
		measure-	and	of	
	measui	- ment	pewer	water	
	ing po	oint	<u>b</u> /	<u>c/</u>	
	(ft.)			-	
81		Dec. 20,	C,W		Reported strong supply of hard water.
<u> </u>	100.0	1939	,		reported beroug suppry of Hard Water.
	<b>DO E</b>	where we shall be an else to the set of the	C IIT		
82	72.5		C,W	D,S	Reported strong supply of soft water.
		1939			
83					Oil test. See log.
-34			C,W,	D.S.I	Reported strong supply of hard water. Quality of
			G, <u>1</u>	-,-,-	water reported changed by drilling of nearby oil well.
00	117.0	Nort			
9U -	11/•0	· · · ·	C,₩	D,S	Water level 114.7 feet, June 14, 1934. Reported
<u> </u>		1939			strong supply of soft water.
91	105.8	do.	C,W	D,S	Water level 106.5 feet, temperature 76° F, May 24,
			1		1934. Reported strong supply of hard water. Slight
92	104.2	do.	C.W	D,S	Water level 103.3 feet, tempera- taste of sulphur.
			- •		ture 76° F, May 21. 1934. Reported strong supply of
93	84.4	đა.	C.W	D,S	Water level   hard water. Iron casing to bottom.
90	04+4	uu.	[∨] , ^w	1,0	waver tever [naru waver. from casing to bottom.
				ļ	67.3 feet, June 14, 1934. Reported strong supply of
94	109.9	do.	C,W	D,S	Water level 99.3 feet, temperature 760 soft water.
					F, May 21, 1934. Reported weak supply of hard water.
95	80.8	do.	C.W	D,S	Water level 79.7 feet, temperature 75° F, May 21,
					1934. Reported strong supply of soft water.
96	59.9	Nov. 2	c,v,	D,S	Water level 60.6 feet, temperature 74° F, May 22,
30	00.0			D,0	
		1939	G,3		1934. Reported weak supply of hard water.
97	87.9		C,V.,	D,S	Water level 88.0 feet, temperature 740 F, June 14,
		1959	G,클		1934. Reported strong supply of hard water. Iron
98	1)0	e/	C,W	D,S	Reported strong supply of hard casing to bottom.
					water.
- 39	92.7	Nov. 1,	C,W	D,S	Water level 79.8 feet, May 24, 1934. Reported strong
00	0~	1939	<b>,</b> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5,5	
100	E	and the second sec	CI TIT		supply of hard water.
T00	59.8		C,W	D,S	Water level 56.4 feet, temperature 74° F, June 5,
·		1939	l	L	1934. Reported strong supply of hard water.
101	57.1	Dec. 11,	C,W	D,S	Reported strong supply of hard water.
		1939			
102	71.6	do.	C,W	D,S	Water level 69.0 feet, June 19, 1934. Reported strong
	:				supply of hard water.
110	112.5	Dec. 5,	C.W	D,S	Water level 110.5 feet, May 23, 1934. Reported strong
τt0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		∪,₩	0,0	
<u> </u>		1939			supply of hard water.
$\pm 15$	73.9	Nov. 28,	C,W	D,S	Water level 65.9 feet, June 16 1934. Reported strong
		1939	1	<u> </u>	supply of soft water.
116	71.2	Nov. 15,	C,H	D,S	Water level 63.3 feet, May 18, 1934. Reported weak
		1939			supply of soft water.
117	96.9	the second s	C,W	D,S	Water level 95.2 feet, May 21, 1934. Old well 99
ا بيان بندر	2012		<b>, , , ,</b>	, u , U	
170	74 0		(1 TIT	+ ~ ~	feet deep, caved in and new well was drilled to a
118	34.8	do.	С,Ж	D,S	Water level 38.4 feet, June 3C, lower water sand.
		 	<u> </u>	Ļ	1934. Water level reported as about 35 feet below
119	,				Water level 27.3 feet, Jure ground level in 1902.
	1				30, 1934.
120	40	<u>e/</u>	C,E	P.Ind	Water level 38.8 feet, June 20, 1934. Water level
	1	-	- ,-		reported about 40 feet in 1902. Used only as a stand-
121	63	<u></u>	T,E,	P	Water level by well. Sand from 224 to 278 feet.
78.7	00	<u>e</u> /	1	۲ ۲	Mauer Tever Dy Wert, Daily Iron borred monorted chout
	1	1	40	1	61.1 feet, June 26, 1934. Water level reported about
		1			56 feet in 1931. Supplies city of Beeville. Tem-
~~~~	<u>i</u>	<u>.</u>	1	<u> </u>	perature 95° F. 1,473 feet of 151-inch casing.

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			CountyContinued

	1		weils in bee coun	1 00110			·	Height of
No.	Distance	Owner	Driller	Topo-	Date	Depth		measurin;
1101	from	000101	D111101	graphic	"		eter	point
	Beeville			situa-	4	well	0001 0î	above
	100000			tion	ted		well	ground
					lica	(201)	(in.)	(ft.) a/
122	In	J. R. Scott		Flat		70	4	1.2
1.5060	Beeville			PICO			Ŧ	1.2
123	1 mile	T. G. Bailey	J. W. Toomey	do.	1904	66	6	1.0
THU	east	I. G. Darrey	a. w. roomey	40.	11004	00	U	T+0
124	25 miles	J. T. Taylor		do.		73	44	0.5
TOT	northeast	J. I. IAJIOI		40.		10	- 4	0.0
126	4 miles	V. L. Kelley	alker & Alsup	do.	1.933	80	6	1.2
120	south	A. T. WATTAA	arver of Hranh	uu.	1.500	00	0	1 1 • •
100	51 miles	Oscar Leming	Oscar Leming	do.	1932	47	4	1.0
101	north	Oscar reming	Oscar remink	ao.	1902	<u>+</u> + /	4	1
190	42 miles	F. Hartzendorf		do.	1902	70	4	0
Teo		r. nartzendori		uo.	T 3(12)	70	±	U
100	east	W. Treeserer		3 -	1005			<u> </u>
10.1	$6\frac{1}{4}$ miles	W. Juenger	Gill	do.	1895	81	4	1.0
100	least	T () 17 - 3 TB-+						
100	6g miles	J. C. Wood Est.	~-	do.		95	6	5.0
3/3/373	southeast		T. TI T		1074			
<u>u/131</u>	$6\frac{3}{4}$ miles	do.	R. H. Pursley	do.	1934	388	$4\frac{1}{4}$	2.0
	southeast				ļ		1 	
132	$8\frac{1}{2}$ miles	W. Ellis		do.		100	3	1.0
	least							
133	$7\frac{1}{4}$ miles	do.		do.		90	4	1.0
	east	· · · · · · · · · · · · · · · · · · ·						
134	6 da miles	A. Waelder	Alsup	do.	1925	67	3	0.5
	east				L			
135	4 miles	R. A. Baber		do.	1304	60	4	1.0
	southeast				ļ		L	
136	3 ¹ / ₂ miles	E. A. Rappe		do.		70	$4\frac{1}{2}$	0.0
	southeast				L	į		
137	$2\frac{1}{4}$ miles	J. Ballard	an	Hilltop	1936	100	4	1.0
	southeast							
138	l ¹ g miles	A. Kubala	Walker	Flat	1937	60	4	1.0
	southeast							
_ 139	l ₁ miles	J. C. Contrara	F. Aradono	do.	1934	50	3	0.5
	southeast							İ
140	7늘 miles	Pryor Lucas		do.		56	5-	
	northeast						3/16	3
141	9 miles	W. E. Handy		Hilltop		156	5-	
	northeast						3/10	5
142	12 ¹ / ₂ miles	Mrs. A. Boemer	Sanders	Flat	1924	74	$4\frac{1}{4}$	1.0
	northeast	1						
143	8 miles	Heard & Heard	**	do.		127	6	0.2
	northeast			1				
<u>1/144</u>	95 miles	J. M. O'Brian		do.	1900	125	5 ³	
	east						2	
145	ll miles	M. Murphy		do.		115	6	0.5
	east							
146	3 miles	F. Hartzendorf		do.	1902	70	4	0
	east							
- / 35-		nt was usually to			ا		<u> </u>	all aught

 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; G, gasoline; E, electric; H, hand; number

indicates horsepower.

-12-

Records obtained by J. M. Frazier, Jr., Project Superintendent

				LICU DJ	J. M. Frazier, Jr., Froject Superintendent
	in the second se	r level		1	
No•		Date of	-	Use	Remarks
	1	measure-		of	
	measu	r- ment	power	water	
	ing po	oint	b/	<u>c</u> /	
	(ft.)	ł	_		
122	28.9	Dec. 11,	C,17	D	Reported strong supply of hard water. Iron casing
	İ	1939		-	to bottom.
123	32.9		C.H	D,S	Water level 29.1 feet, June 30, 1934. Water level
	0	101	,	, .,	reported about 30 feet in 1904. Reported strong supply
1.4	40.2	Nov. 28,	C,117	D,S	Water level 31.0 feet, June 19, 1934. of soft water.
	40.0	1939	, <i>n</i>	D,0	
126	50.0		0.11		Reported strong supply of soft water.
140	20.2		C,W	D,S	Water level 50.3 feet, temperature 75° F, May 25,
		1939			1934. Reported strong supply of soft water.
127	36.4	dc.	C,G,	S	Water level 33.8 feet, May 25, 1934. Reported weak
			15		supply of hard water.
123	56.0	Oct. 13,	C,W	D,S	Water level 33.8 feet, temperature 75° F; June 15,
		1939		1	1934. First water at 45 feet. Reported strong supply
150	62.3	do.	C,W.	D,S	Water level of soft water. Iron casing to bottom.
	1			-)	58.4 feet, temperature 75° F, June 6, 1934. Report-
130	75.0	Nov. 3,	C.V.	D,S	Water level 56.6 ed weak supply of hard water.
TOO	,010	1939	0,1	1,0	feet, June 15, 1934. Reported strong supply of hard
131	43.0		N	None	Weter level 42 0 feet water Tree agging to bettom
ιJΤ	4.0.0	40.	11	Mone	Water level 42.9 feet, water. Iron casing to bottom.
170	CO 17	0.01 77			temperature 78° F, Was used by Heep Oil Company for
135	60.7	Oct. 13,	C,W	D,S	Reported weak supply of hard drilling oil well.
	.	1939			water. Cast iron casing to bottom.
133	64.1	do.	C,W	D,S	Do.
134	53.8	Nov. 3,	C,W	D,S	Reported strong supply of soft water. Nearby oil test
		1939			ruined well for drinking water.
135	33.1	Oct. 13,	C,W	D,S	Reported strong supply of soft water. Iron casing to
		1939		ŕ	bottom.
136	39.2	Dec. 1,	C,W	D,S	Reported strong supply of soft water.
		1939		-,~	reperter berend bapping or bere haver
137	60.1	Oct. 13,	C.N	D,S	Reported strong supply of hard water. Iron casing to
701	00.1	1939	,	2,0	bottom.
138	57 0	do.	C,W		
TOO	07.0	uo.	لارو ل	D,S	Reported weak supply of soft water. Iron casing to
100	70.0		0 TT		bottom.
139	57.6	Oct. 19,	C,H	D,S	Reported weak supply of hard water.
	ļ	1939			
14)	49.1	Nov. 28,	0,77	D,S	Water level 34 feet, June 25, 1934. Reported strong
	L	1939			supply of hard water.
141	73.3	đo.	C,W	D,S	Water level 57.8 feet, June 9, 1934. Reported strong
		1			supply of soft water.
142	59.6	do.	C,W	D,S	Water level 48.8 feet, June 25, 1934. Reported strong
				, ,	supply of soft water.
143	70.6	do.	C , W	D,S	Water level 60.1 feet, temperature 74° F, June 15,
110			, · · ·	0,0	
1 1 1	52			<u> </u>	1934. Reported strong supply of hard water.
144	00	e/	C,W,G	S	Water level 42.7 feet, June 8, 1934. Reported strong
·····					supply of hard water.
145	60.9	Nov. 3,	С,W	D,S	Water level 51.9 feet, temperature 76° F, June 25,
······		1939	l		1934. Reported strong supply of soft water.
146	5	Oct. 13,	C,W	D,S	Reported weak supply of hard water. Iron casing to
	1	1939	1		bottom.
c/ 1	D. dom	estic: S.	stock	• T. i	rrigation; Ind, industrial; P. public; RR, railroad;

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

 \underline{d} / No water sample collected for analysis.

e/ Water level reported.

			-	13-	
Records	of	wells	in	Bee	CountyContinued

(1	1			Height of
Distance from Skidmore	0wner	Driller	Topo- graphic situa- tion	com- ple- ted	of well (ft.)		measuring point above ground (ft.) a/
west		E. Straw	Flat	1913	110	4	1.5
8 miles west	E. C. Steinmight		do.		130	4	1.0
$5\frac{1}{4}$ miles west	Frank Trlica		do.	1910	85	4	0.5
7½ miles southwest	Charles Menger	E. Bruns	do.	1938	138		1.5
$5\frac{3}{4}$ miles southwest	Herman Jostes	E. Strogh	do.	1910	130	4	1.0
4 miles west	J. Kolaba, Sr.	Kash	do.	1909	150	4	
$4\frac{1}{2}$ miles southwest	A. Stautzenbarger	E. Bruns	do.	1932	105	$4\frac{1}{4}$	1.5
74 miles southwest	Steimeyer & Co.	G. Darnbuch	do.	1909	120	5	0.5
$4\frac{1}{4}$ miles	R. L. Jones	Brooks		1939	50	$4\frac{3}{4}$	1.0
3 miles north	D. Perrez	Powell	Flat	1915	50		2.5
$4\frac{1}{4}$ miles	W. J. Homan		do.		64	4	
In Skidmore	M. L. Rendleman	R. Burns	do.	1932	97	4	2,0
2호 miles southwest	H. C. Buehring		do.	1900	95	4	1.0
$3\frac{1}{2}$ miles	S. A. Duge	E. Bruns	do.	1926	108	4	1.0
$2\frac{1}{2}$ miles	C. Sevier		do.		85	8	0.5
3 miles	Mrs. C. Driscoll	Dickey	do.		93	$4\frac{1}{4}$	0.5
do.	do.	Koch	10.		79	31/4	0.5
In Skidmore	T. & N. U. R.R.	G. Nesbit	do.	1927	745	8	2-2
do.	do.		do.		125	8	
$4\frac{1}{4}$ miles south	E. M. Jones	K. H. Pursley		1954	267	$4\frac{1}{4}$	
$\frac{3}{1}$ mile southeast	Union Life Ins.		do.		90	4	0.5
$\frac{43}{4}$ miles southeast	J. L. Flake		do.		64	4	0.0
6g miles	F. J. Gregoresyk		do.		48	48	ي.0
7 miles	Geo. F. Gillian	E. Bruns	do.	1927	64	4	1.0
	from Skidmore Skidmore 74 miles west 8 miles west 52 miles west 75 miles southwest 54 miles southwest 41 miles southwest 42 miles southwest 44 miles north 3 miles north 44 miles north 3 miles northeast 1n Skidmore 21 miles southwest 32 miles southwest 32 miles southwest 32 miles southeast 3 miles southeast 3 miles southeast 3 miles southeast 3 miles southeast 3 miles southeast 3 miles southeast 3 miles southeast 4 miles southeast 3 miles southeast 3 miles southeast 3 miles	from Skidmore71/4 milesJ. Wallek west8 milesE. C. Steinmight west8 milesE. C. Steinmight west51/2 milesFrank Trlica west71/2 milesCharles Menger southwest51/2 milesHerman Jostes southwest51/2 milesJ. Kolaba, Sr. west4 milesJ. Kolaba, Sr. west4 milesJ. Kolaba, Sr. west41/2 milesA. Stautzenbarger southwest74/4 milesR. L. Jones north3 milesD. Perrez north41/4 milesW. J. Homan northeast1nM. L. Rendleman Skidmore21/2 milesS. A. Duge southwest3 milesS. A. Duge south3 milesMrs. C. Driscoll east6 do.do.1nT. & N. O. R.R. Skidmore1nT. & N. O. R.R. Skidmore41/4 milesE. M. Jones south3 milesMrs. C. Driscoll east6.do.41/4 milesF. M. Jones south5Miles5M. Jones south4Thiles5M. Jones south4Thiles4Thiles5M. Jones south5Miles6Thiles5M. Jones south5Thiles5Miles6Thiles5J. L. Flake southeast5J. Gregoresyk	from SkidmoreJ. WallekE. Straw7½ milesJ. WallekE. Straw8 milesE. C. Steinmight8 milesFrank Trlica5½ milesFrank Trlica7½ milesCharles MengerE. BrunssouthwestSamilesHerman Jostes5¼ milesJ. Kolaba, SrwestJ. Kolaba, Sr4½ milesJ. Kolaba, SrsouthwestSteimeyer & Co.G. DarnbuchsouthwestSteimeyer & Co.G. DarnbuchsouthwestD. Perrez4½ milesN. J. JonesnorthD. PerrezsouthwestS. A. DugeE. BrunssouthwestS. A. DugeE. BrunssouthwestS. A. DugeE. Brunssouthwest1mM. L. RendlemanR. BurnsSkidmoreS. A. DugeE. Brunssouthwest3 milesKrs. C. Driscoll3 milesMrs. C. Driscoll3 milesMrs. C. Driscolldo.dodo.dodo.dosouthS. M. O. R.R.G. NesbitSkidmoreG.dodo.dof milesJ. L. FlakesoutheastJ. L. Flake6½ milesF. J. Gregoresyk	from Skidmoregraphic situa- tion $7\frac{1}{4}$ milesJ. VallekE. Straw 8 milesE. C. Steinmight 3 milesE. C. Steinmight $5\frac{1}{2}$ milesFrank Trlica $5\frac{1}{2}$ milesFrank Trlica $5\frac{1}{2}$ milesCharles MengerE. Bruns $5\frac{1}{2}$ milesHerman JostesE. Strogh $5\frac{1}{2}$ milesHerman JostesE. Strogh $5\frac{1}{2}$ milesA. StautzenbargerE. BrunssouthwestKolaba, Sr. $4\frac{1}{2}$ milesSteimeyer & Co.G. Darnbuch $7\frac{1}{4}$ milesSteimeyer & Co.G. Darnbuch $7\frac{1}{4}$ milesN. L. Jonesnorthdo. 3 milesD. Perrez $7\frac{1}{4}$ milesW. J. Homan 10 mortheastdo. 10 M. L. RendlemanR. Burnsdo. $3\frac{1}{2}$ milesS. A. DugeE. Bruns $3\frac{1}{2}$ milesS. A. DugeE. Bruns $3\frac{1}{2}$ milesS. A. DugeE. Bruns $3\frac{1}{2}$ milesMrs. C. Driscoll $3\frac{1}{2}$ milesMrs. C. Driscoll $3\frac{1}{2}$ milesMrs. C. Driscoll $3\frac{1}{2}$ milesMrs. C. Driscoll $3\frac{1}{2}$ milesS. M. O. R.R.3. Nesbit $3\frac{1}{2}$ milesS. JonesK. H. Fursley $$ dodo. $3\frac{1}{2}$ milesJ. L. Flake </td <td>from Skidmoregraphic situa- tiongraphic situa- tion$7\frac{1}{2}$ milesJ. WallekE. StrawFlat1913 west8 milesE. C. Steinmightdowestdo.1910westdo.1910$7\frac{1}{2}$ milesFrank Trlićado.$7\frac{1}{2}$ milesCharles MengerE. Brunsdo.1938 southwest$3\frac{1}{2}$ milesHerman JostesE. Strogh10.1910southwestJ. Kolaba, SrKashdo.1909westJ. Kolaba, SrKashdo.1909southwestSteineyer & Co.G. Darnbuch10.1909southwestSteineyer & Co.G. Darnbuch10.1909southwestSteineyer & Co.G. Darnbuch10.1909southwestThilesR. L. JonesBrooksnorthS. J. Homando1939northM. L. BendlemanR. Burnsdo.1932SkidmoreS. A. DugeE. Brunsdo.1926southeastS. A. DugeE. Brunsdo.1926$3\frac{1}{2}$ milesS. C. Driscolldo$4\frac{1}{2}$ milesMrs. C. Driscolldo3 milesMrs. C. Driscolldo40.dododo.$4\frac{1}{2}$ milesE. M. Jones<t< td=""><td>from Skidmore graphic situa- tion com- ple- ple- well tion of ple- ple- well tion of ple- ple- well tion 7½ miles J. Wallek E. Straw Flat 1913 110 8 miles E. C. Steinmight do. 130 2 miles Frank Trlica do. 1910 83 9 miles Mark Trlica do. 1910 83 9 miles Hernan Jostes E. Strogh 10. 1910 130 9 miles J. Kolaba, Sr. Kash do. 1909 150 west J. Kolaba, Sr. Kash do. 1909 150 west J. Kolaba, Sr. Kash do. 1932 105 southwest Steineyer & Co. G. Darnbuch 20. 1909 120 southwest M. L. Jones Brooks 1935 50 northeast M. L. Rendleman R. Burns do. 193</td><td>Distance from Skidmore Owner Driller Topo- situe- situe- tion Date Both Dism- out- situe- tion Date Both Dism- out- situe- tion Dism- out- out- ted Dism- out- situe- ted Dism- out- situe- ted Dism- out- out- situe- ted Dism- out- situe- ted Dism- situe- situe- ted Dism- situe- situe- ted Dism- situe- situe- ted Dism- situe- situe- ted Dism- situe- situe- ted Dism- situe- situe- ted Dism- situe-</td></t<></td>	from Skidmoregraphic situa- tiongraphic situa- tion $7\frac{1}{2}$ milesJ. WallekE. StrawFlat1913 west8 milesE. C. Steinmightdowestdo.1910westdo.1910 $7\frac{1}{2}$ milesFrank Trlićado. $7\frac{1}{2}$ milesCharles MengerE. Brunsdo.1938 southwest $3\frac{1}{2}$ milesHerman JostesE. Strogh10.1910southwestJ. Kolaba, SrKashdo.1909westJ. Kolaba, SrKashdo.1909southwestSteineyer & Co.G. Darnbuch10.1909southwestSteineyer & Co.G. Darnbuch10.1909southwestSteineyer & Co.G. Darnbuch10.1909southwestThilesR. L. JonesBrooksnorthS. J. Homando1939northM. L. BendlemanR. Burnsdo.1932SkidmoreS. A. DugeE. Brunsdo.1926southeastS. A. DugeE. Brunsdo.1926 $3\frac{1}{2}$ milesS. C. Driscolldo $4\frac{1}{2}$ milesMrs. C. Driscolldo 3 milesMrs. C. Driscolldo 40 .dododo. $4\frac{1}{2}$ milesE. M. Jones <t< td=""><td>from Skidmore graphic situa- tion com- ple- ple- well tion of ple- ple- well tion of ple- ple- well tion 7½ miles J. Wallek E. Straw Flat 1913 110 8 miles E. C. Steinmight do. 130 2 miles Frank Trlica do. 1910 83 9 miles Mark Trlica do. 1910 83 9 miles Hernan Jostes E. Strogh 10. 1910 130 9 miles J. Kolaba, Sr. Kash do. 1909 150 west J. Kolaba, Sr. Kash do. 1909 150 west J. Kolaba, Sr. Kash do. 1932 105 southwest Steineyer & Co. G. Darnbuch 20. 1909 120 southwest M. L. Jones Brooks 1935 50 northeast M. L. Rendleman R. Burns do. 193</td><td>Distance from Skidmore Owner Driller Topo- situe- situe- tion Date Both Dism- out- situe- tion Date Both Dism- out- situe- tion Dism- out- out- ted Dism- out- situe- ted Dism- out- situe- ted Dism- out- out- situe- ted Dism- out- situe- ted Dism- situe- situe- ted Dism- situe- situe- ted Dism- situe- situe- ted Dism- situe- situe- ted Dism- situe- situe- ted Dism- situe- situe- ted Dism- situe-</td></t<>	from Skidmore graphic situa- tion com- ple- ple- well tion of ple- ple- well tion of ple- ple- well tion 7½ miles J. Wallek E. Straw Flat 1913 110 8 miles E. C. Steinmight do. 130 2 miles Frank Trlica do. 1910 83 9 miles Mark Trlica do. 1910 83 9 miles Hernan Jostes E. Strogh 10. 1910 130 9 miles J. Kolaba, Sr. Kash do. 1909 150 west J. Kolaba, Sr. Kash do. 1909 150 west J. Kolaba, Sr. Kash do. 1932 105 southwest Steineyer & Co. G. Darnbuch 20. 1909 120 southwest M. L. Jones Brooks 1935 50 northeast M. L. Rendleman R. Burns do. 193	Distance from Skidmore Owner Driller Topo- situe- situe- tion Date Both Dism- out- situe- tion Date Both Dism- out- situe- tion Dism- out- out- ted Dism- out- situe- ted Dism- out- situe- ted Dism- out- out- situe- ted Dism- out- situe- ted Dism- situe- situe- ted Dism- situe- situe- ted Dism- situe- situe- ted Dism- situe- situe- ted Dism- situe- situe- ted Dism- situe- situe- ted Dism- situe-

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; G, gasoline; E, electric; H, hand; number indicates horsepower. -14-

Records obtained by J. M. Frazier, Jr., Project Superintendent

	Mator	r level		Inea of	y J. M. Frazier, Jr., Project Superintendent
No				The	The second and
NO.		Date of		Use	Remarks
	1	measure-	and	of	
	measu		F (Water	
	ing po		<u>b</u> /	<u>c</u> /	
	(ft.)				
151	84.4	Nov. 2,	C,W	D,S	Water level 83.3 feet, June 14, 1934. Reported strong
		1939	ļ.,		supply of soft water.
152	97.7	do.	C,W	D,S	Water level 96.0 feet, June 14, 1934. Reported strong
					supply of soft water.
153	67.1	do.	C,W	D,S	Water level 66.6 feet, June 14, 1934. Reported strong
		1			supply of soft water.
154	116.8	do.	C,W	D,S	Water level 115.8 feet, June 14, 1934. Reported that
					salt water leaks into well.
155	109.4	do.	C,W	D,S	Water level 108.4 feet, June 14, 1934. Reported strong
					supply of soft water.
156		1 1 1	C,W	D,S	Reported strong supply of soft water.
		4		_,~	here here a source parter and source waters
157	93.7	Nov. 2,	C,W	D,S	Water level 92.3 feet, temperature 76° F, June 14,
		1939	•,	2,0	1934. Reported strong supply of hard water.
158	1.07.2	Oct. 27,	(7 7	nat	Water level 99.9 feet, May 25, 1939. Well supplies
TOO	101.0	1939	G,15	1,0,1	
168				D C	three houses and two garages. Reported strong supply
T00	00.4	Dec. 11,	C,W	D,S	Reported weak supply of hard water. of hard water.
<u> </u>	40.0	1939	0. 717		
169	47.0	do.	℃,₩	D,S	Reported strong supply of hard water.
171	49.5	<u>e</u> /	С,М,	S	Water level 41.4 feet, May 28, 1934. Reported strong
	<u></u>		G,1층		supply of soft water.
172	79.3	Oct. 20,	C,W	D,S	Water level 74.0 feet, May 29, 1934. Reported strong
		1939			supply of hard water. Iron casing to bottom.
173	88.0	Nov. 2,	C,W	D,S	Water level 87.0 feet, June 14, 1934. Reported strong
		1939			supply of soft water.
174	72.6	Nov. 1,	C,W	D,S	Water level 72.5 feet, June 14, 1934. Reported strong
		1939			supply of soft water.
175	69.3	Oct. 23,	C,W	S	Water level 66.2 feet, temperature 76° F, May 28.
		1939			1934. Reported strong supply of hard water.
176	58.1	Nov. 17,	C,W	S	Water level 53.4 feet, May 28, 1934. Reported strong
		1939			supply of hard water.
177	66.2		C,W	S	Water level 55.4 feet; temperature 76° F, May 28,
				.~	1934. Reported strong supply of hard water.
178	63	e/	C,E,	RR	Reported strong supply of soft water. Tastes slightly
		<u> </u>	25		of sulphur. Iron casing to bottom.
179	65	e/	C,G	RR	Reported strong supply of hard water.
	50	≚′	^{,,,} ,	للمعال	Trobor ood potong pablith of Hard Maner.
180			+	None	
100				TIONG	
181	76.7	Dec. 11,	C,W	D,G	Poppartod attache augusta
LOL	10.0	1939	0,.1	0,0	Reported strong supply of hard water. Tastes slightly
190	45 1	1939 Oct. 23,	C,W	- <u>D</u> ~	selty.
T 20	±0+T		0,1	D,S	Water level 45.0 feet, Lay 28, 1934. Reported strong
101	70 F	1939	0.44		supply of hard water.
191	- 28∙9	Nov. 17,	C,W	D,S	Water level 36.6 feet, June 16, 1934. Dug well.
100		1939			Reported strong supply of soft water.
192			C,G,	D,S	Water level 37.3 feet, May 28, 1934. Reported strong
		1939	17		supply of soft water.
<u>c/</u> 1), dome	estic; S,	stock	; I, in	rrigation; Ind, industrial; P, public; RR, railroad;

C/ D, domestic; S, stock; 1, irrigation; Ind, industrial; P, public; RR, railroad; N, not used.

 \underline{d} No water sample collected for analysis.

e/ Water level reported.

		Records of W	ells in Bee Cour	ityConti	Inued	·		
		. —			_	_		Height of
No.	Distance	Owner	Driller	Topo-	i			measuring
	from		5	graphic		of	eter	point
	Skidmore			situa-	ple-		of	above
				tion	ted	(ft.)	well	ground
	[Ĺ				(in.)	(ft.) <u>a</u> /
193	6 2 miles southeast	K. Roach		Flat		135	4	0,0
194	9 miles southeast	Mrs. A. Hennig		io.		96	4	1.0
195	$9\frac{3}{4}$ miles southeast	G. E. Gerdes		do,	1913	228	4	1.0
196		Mrs. J. W. Linney		do.	1909	90	4	1.5
197	10 miles southeast	Murphey Est.		do.	1890	60	4	2.0
200	$10\frac{1}{4}$ miles	R. A. Heard	R. H. Pursley	do.	1930	600	47	2.5
d/201	$5\frac{3}{4}$ miles	G. J. Groos		do.		106	4	
<u>a/202</u>	7 miles northeast	do.		do.		88	4	
<u>1/203</u>	$12\frac{3}{4}$ miles east	Mrs. D. Chestnut		do.		110	4	
<u>d</u> /204	$18\frac{3}{4}$ miles east	do.		de.		79	4	
<u>d</u> /205	ll [±] miles east	L. D. Thompson		J0.		36	4	1.0
<u>d/206</u>	ll ₄ miles east	do.		do.		72	4	1.0
207	ll miles east	do.		do.		1,200	+ 4	
208	97 miles east	do.		do.		65	4	0.0
								Height of
No.	Distance	Owner	Drillər	Topo-	Date	Depth	Diam-	measuring
	from			graphic	1	of	oter	point
1	Beeville			situa-		well	of	above
1				tion	téd	(ft.)	well	ground
						(= -)	(in.)	(ft.) a/
220	135 miles east	J. M. O'Brian		Flat		928	8	5.0
<u>d/221</u>	16 miles east	Dan Fox	Powell	do.		108	6	
222 -	$16\frac{3}{4}$ miles east	do.	do.	do.	1928	160	4 <u>4</u>	2.0
224	17 miles east	M. Fox Est.		do.		52	6	2.0
1	17 miles	do.	F. Cabillo	do.	1932	104	4	1.0

-15-Records of wells in Bee County--Continued

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; G, masoline; E, electric; H, hand; number indicates horsepower.

-16-

Records obtained by J. M. Frazier, Jr., Project Superintendent

	I Mot w	r level	s obta:	lned by	y J. M. Frazier, Jr., Project Superintendent
No.	Introduction of the state	and the submanifest of the supervised of the sup	Pump	Use	Remarks
	-	measure-	and	of	ngmarks
	measu		1	water	
	ing po		b/	<u>c/</u>	
	(ft.)		<u> </u>	<u> </u>	
193		Nov. 17,	C,W	S	Water level 43.6 feet, June 12, 1934. Reported weak
		1939			supply of hard water.
194	47.5	Oct. 23,	C,W		Water level 47.8 feet, June 28, 1934. Reported strong
		1939			supply of hard water.
195	52.1	do.	C,W	D,S	Water level 51.2 feet, June 16, 1934. Reported weak
		 			supply of hard water.
196	36.4	Dec. 11,	C,W	D,S	Reported strong supply of soft water.
	L	1939			
197	39.7	do.	C,W	D,S	Do.
200	83.7	Nov. 3,	Ċ,W	S	Water level reported about 30 feet in 1930. Tem-
		1939			perature 78° F. Temporarily used for drilling. Now
201	49.5	<u>e/</u>	C,W,	S	Water level 48.7 feet, temperature used by ranch.
			G,1쿨		76° F, June 25, 1934. Known as "Hog Pasture Mill".
202	36	<u>e</u> /	C,W	S	Water level Reported strong supply of hard water.
					34.5 feet, June 25, 1924. Known as the "Juan Pasture
	L	l			Mill". Reported strong supply of hard water.
2^3	95.2	Nov. 17,	C,W	S	Water level 93.8 feet, June 12, 1934. Known as the
		1939			"Will Georges Mill". Reported strong supply of hard
204	45	<u>e/</u>	C,W	S	Water level 41.0 feet. June 12, 1934. At water.
			C III	~	Old Wood Ranch. Reported strong supply of soft water.
205	49.8	Nov. 17,	C,W	S	Water level 63.8 feet, June 12, 1934. Known as Woll
206	45.2	1939	O U	S	No. 6. Reported strong supply of hard water.
210	40.2	do.	C,W	Ð	Water level 43.0 feet, June 12, 1934. Known as Well
207	Flows	······		S	No. 17. Reported strong supply of hard water. Flows into trough through float valve. Reported flow,
691	TTOMS			с	6 gallons a minute of soft water.
208	43.9	Nov. 17,	C.W		Water level 44.6 feet, June 12, 1934. At Thompson
w .0	10.0	1939	,		Ranch House. Reported strong supply of hard water.
	Wete	r level			
No.		Date of	Pum	Use	Remarks
L8 🗸 🕈	1	measure-	1	of	UQUICI NO
	measu		power		
	ing p		b/		
	(ft.)			<i>≚</i> ⁄	
220	the second second second second second second second second second second second second second second second s	Oct. 13,	C.G.	D.S	Vell flowed in 1934. Reported strong supply of soft
		1939	28	-,~	water. 900 feet of iron casing 28 feet at bottom per-
221	51.8	· · · · · · · · · · · · · · · · · · ·	N	None	
					First water at 25 feet, Second water at 40 feet.
222	63.8	Nov. 3,	C,W	D,S	
;		1939			80 feet deep, very weak supply. Deepened but still
					weak. Reported weak supply of soft water.
224	47.4	do.	C,V,	D,S	
			G,1 ¹ / ₂		supply of hard water.
225		Oct. 17,	C,W	S	Water level 36.8 feet, temperature 77° F, June 15,
		1939			1734, Reported strong supply of soft water.
<u>c/</u> I	D, dom	estic; S,	stock	; I, i	rrigation; Ind, industrial; P, public; RR, railroad;
	N, not				
a/ 1	No wat	an complo	00110	t bote	or enclusia

 $\frac{d}{N_{o}}$ Water sample collected for analysis. e/ Water level reported.

		Records of W	ells in Bee Coun	tyCont:	inuea			
No.	Distance	Owner	Driller	Topo-	Date	Dopth	Diam-	Height of measuring
	from			graphic	com-	of	eter	point
	Beeville			situa-	ple-	well	of	above
				tion	teđ	(ft.)	well	ground
						 	(in.)	(ft.) a/
226	20% miles	M. McGill Est.	B. E. Beady	Flat	1892	64	4	0.5
	east							
227	$21\frac{1}{4}$ miles	do.		do.	1900	100	4	0.0
·	east						ļ	
228	$19\frac{3}{4}$ miles	C. A. Barber	J. A. May	do.	1904	56	4	1.0
	east						<u> </u>	
229	do.	V. G. Thomas		do.	1925	644	4	1.2
								•
070			T e e la la certe		1074	50		2.0
230	1 ~	W. W. Barber Est.	Lockhart	do.	1934	58	4	<i>G</i> .U
071	least	M Den Tert	D O bbille		1000			<u> </u>
201	$19\frac{1}{4}$ miles	M. Fox Est.	P. Cabbilo	do.	1922	67	4	1.0
	least	ł			1	1	1	1

-17-Records of wells in Bee County--Continued

 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; V, windmill; G, gasoline; E, electric; H, hand; number

indicates horsepower.

-18-

Records obtained by J. M. Frazier, Jr., Project Superintendent

1939supply of soft water.22748.9do.C,WD,SWater level 37.7 feet, temperature 76° F, June 6, 1934. Reported strong supply of soft water.22832.4do.C,WD,SWater level 30.5 feet, June 6, 1934.229PlowsWell reported to have formerly flowed 16 feet above ground. Supplies houses directly around without storage tank. Reported flow 5 gallons a minute. controlled by gate valve with two-inch choke. Reported d head lowered four feet since 1934. Temperature23034.7Oct. 17, 1939C,WD,SReported strong supply of hard water.75023126.5do.C,WSReported strong supply of soft water.750		Wate:	r level						
measur-ment ing pointpower b/water c/22639.2 Oct. 17, (ft.)C,WD,SWater level 37.5 feet, June 15, 1954. Reported strang supply of soft water.22743.9do.C,WD,SWater level 37.7 feet, temperature 76° F, June 6, 1934. Reported strong supply of soft water.22832.4do.C,WD,SWater level 30.5 feet, June 6, 1934.229FlowsWell reported to have formerly flowed 16 feet above ground. Supplies houses directly around without storage tank. Reported flow 5 gallons a minute.23034.7 Oct. 17, 1939C,WD,SReported strong supply of hard water.75023126.5do.C,WSReported strong supply of soft water.	No•	Depth	Date of	Pump	Use	Remarks			
ing point (ft.)b/ c/c/22639.2Oct. 17, 1939C,WD,SWater level 37.5 feet, June 15, 1954. Reported strain supply of soft water.22743.9do.C,WD,SWater level 37.7 feet, temperature 76° F, June 6, 1934. Reported strong supply of soft water.22832.4do.C,WD,SWater level 30.5 feet, June 6, 1934.229PlowsWell reported to have formerly flowed 16 feet above ground. Supplies houses directly around without storage tank. Reported flow 5 gallons a minute.23034.7Oct. 17, 1939C,WD,SReported strong supply of hard water.23126.5do.C,WSReported strong supply of soft water.		pelow	measure-	and	of				
(ft.)22639.2 Oct. 17, C,WD,SWater level 37.5 feet, June 15, 1954. Reported strange19391939193922743.9do.C,WD,S22832.4do.C,WD,S229PlowsWell reported to have formerly flowed 16 feet above ground. Supplies houses directly around without storage tank. Reported flow 5 gallons a minute. I controlled by gate valve with two-inch choke. Reported head lowered four feet since 1934. Temperature 75023034.7Oct. 17, C,WD,SReported strong supply of hard water.23126.5do.C,WSReported strong supply of soft water.		measur- ment power water							
(ft.)22639.2 Oct. 17, C,WD,SWater level 37.5 feet, June 15, 1954. Reported strang19391939supply of soft water.22748.9do.C,WD,S22832.4do.C,WD,S229FlowsWell reported to have formerly flowed 16 feet above ground. Supplies houses directly around without storage tank. Reported flow 5 gallons a minute.23034.7Oct. 17, C,WD,S23126.5do.C,WS23126.5do.C,WS		ing po	oint	b/	<u>c/</u>				
1939supply of soft water.22748.9do.C,WD,SWater level 37.7 feet, temperature 76° F, June 6, 1934. Reported strong supply of soft water.22832.4do.C,WD,SWater level 30.5 feet, June 6, 1934.229PlowsWell reported to have formerly flowed 16 feet above ground. Supplies houses directly around without storage tank. Reported flow 5 gallons a minute.23034.7Oct. 17, 1939C,WD,SReported strong supply of hard water.23126.5do.C,WSReported strong supply of soft water.		<u> </u>	land the second s						
22748.9do.C,WD,SWater level 37.7 feet, temperature 76° F, June 6, 1934.22832.4do.C,WD,SWater level 30.5 feet, June 6, 1934.229PlowsWell reported to have formerly flowed 16 feet above ground. Supplies houses directly around without storage tank. Reported flow 5 gallons a minute.23034.7Oct. 17, C,WD,SReported strong supply of hard water.23126.5do.C,WSReported strong supply of soft water.	226	39.2	Oct. 17,	C,W	D,S	Water level 37.5 feet, June 15, 1954. Reported strong			
1934. Reported strong supply of soft water.22832.4do.C,WD,SWater level 30.5 feet, June 6, 1934.229PlowsWell reported to have formerly flowed 16 feet above ground. Supplies houses directly around without storage tank. Reported flow 5 gallons a minute. controlled by gate valve with two-inch choke. Reported ed head lowered four feet since 1934. Temperature23034.7Oct. 17, C,WD,SReported strong supply of hard water.75023126.5do.C,WSReported strong supply of soft water.						supply of soft water.			
228 32.4 do. C,W D,S Water level 30.5 feet, June 6, 1934. 229 Plows Well reported to have formerly flowed 16 feet above ground. Supplies houses directly around without storage tank. Reported flow 5 gallons a minute. Controlled by gate valve with two-inch choke. Reported head lowered four feet since 1934. Temperature ed head lowered four feet since 1934. Temperature 1939 231 26.5 do. C,W S Reported strong supply of soft water.	227	48.9	do.	C,W	D,S	Water level 37.7 feet, temperature 76° F, June 6,			
229 Plows Well reported to have formerly flowed 16 feet above ground. Supplies houses directly around without storage tank. Reported flow 5 gallons a minute. Controlled by gate valve with two-inch choke. Reported head lowered four feet since 1934. Temperature 230 230 34.7 Oct. 17, C,W D,S Reported strong supply of hard water. 750 231 26.5 do. C,W S Reported strong supply of soft water.	_					1934. Reported strong supply of soft water.			
ground.Supplies houses directly around without storage tank. Reported flow 5 gallons a minute. controlled by gate valve with two-inch choke. Reported head lowered four feet since 1934. Temperature23034.7Oct. 17, C,WD,SReported strong supply of hard water.75023126.5do.C,WSReported strong supply of soft water.750	228	32.4	do.	C,W	D,S	Water level 30.5 feet, June 6, 1934.			
ground.Supplies houses directly around without storage tank.ground.Supplies houses directly around without ed head lowered four feet since 1934.ground.Supplies houses directly around without ed head lowered four feet since 1934.ground.Supplies houses directly around without around without 1939.ground.Supplies houses directly around without 1939.ground.Supplies house directly around with two-inch choke.ground.Supplies house directly around with two-inch choke.ground.Sup									
storage tank.Reported flow 5 gallons a minute.controlled by gate valve with two-inch choke.Reported23034.7Oct. 17,C,WD,S1939193923126.5do.C,WSReported strong supply of soft water.750	229	Flows				Well reported to have formerly flowed 16 feet above			
controlled by gate valve with two-inch choke. Reported lowered four feet since 1934. Temperature23034.7Oct. 17, C,WD,SReported strong supply of hard water.75023126.5do.C,WSReported strong supply of soft water.750						ground. Supplies houses directly around without			
ed head lowered four feet since 1934. Temperature 230 34.7 Oct. 17, C,W D,S Reported strong supply of hard water. 750 231 26.5 do. C,W S Reported strong supply of soft water. 750						storage tank. Reported flow 5 gallons a minute. Is			
230 34.7 Oct. 17, C,W D,S Reported strong supply of hard water. 750 231 26.5 do. C,W S Reported strong supply of soft water. 750						controlled by gate valve with two-inch choke. Report-			
1939 1939 231 26.5 do. C,W S Reported strong supply of soft water.			1			ed head lowered four feet since 1934. Temperature			
231 26.5 do. C,W S Reported strong supply of soft water.	230	34.7	Oct. 17,	С, Ж	D,S	Reported strong supply of hard water. 75° F.			
			1939						
	231	26.5	do.	C,W	S	Reported strong supply of soft water.			
			1						
c/ D, domestic; S, stock; I, irrigation; Ind, industrial; P, public; RR, railroad	c/ I	D, dome	estic; S,	stock	; I, in	rrigation; Ind, industrial; P, public; RR, railroad;			
N, not used.	Ţ.	N, not	used.						

<u>d</u>/ No water sample collected for analysis. <u>e</u>/ Water level reported.

Table of drillers! logs, Bee County, Texas

Thickness	Depth	Thickness Depth
(feet)	(feet)	(feet) (feet)
Driller's log of well 35		Driller's log of well 37
M. A. Newman, owner. Houston Oil	Company	J. E. Roth, coner. George W. Mclurray
of Houston, driller. 12 miles we	stof	Drilling Company, driller. 44 miles
Pettus.	:	southwest of Pettus.
Caliche 27	27	Surface sand 40 40
Rock 10	37	Sand and clay 70 110
Hard rock 4	41	Sand and boulders 33 143
Roch 2	43	Sticky clay 20 163
Caliche 7	50	Shale 27 190
Sand, gravel and boulders 312	362	Sand and boulders 30 220
Sand and shale 82)†)†;ŕ	Shale and boulders 130 350
Sticky shale 22	466	Sand and shale 40 390
Sond and shale 266	732	Shale 150 5^{1}
Shele and boulders 263	995	Shale and boulders 30 570
Heri sand and sticky shale 68	1063	Shale 100 670
Shele and boulders 460	1523	Shale and boulders 170 340
Sticky shale and boulders 277	1800	Shale 15 855
H rd sticky shale and		Sand 15 870
boulders 141	1941	Shale and boulders 65 935
Hará shale and lime 135	2076	Water sand 27 962
Line boulders 10	5022	Hard shale with cand
	2223	streaks 119 1051
	2371	Sand and shale 60 1141
Hard sandy lime and shale 120	2491	Sticky shale 60 1201
TOTAL DEPTH	3705	Shale and boulders - 50 1251
CASING RECORD: 465 feet of 10-in	ch, and	Sand and shale streaks 100 1351
3,681 fest of 6-5/8-inch casing.		Shale and lime strepks 77 1428
		Sticky shale 21 1449
Driller's log of well 36		Hard shale and lime streaks 40 1489
E. Crammel, owner. The Texas Com		Sticky shale 21 1510
driller. 1-3/4 miles southwest of		Shale and hard streaks of
Sandy clay 25	25	lime 41 1551
Clay	110	Shale and streaks of lime 39 1590 Shale - - - 85 1675
	340 445	
Sticky shale 105 Gumbo 11	445	Sandy shale - - 15 1690 Brchen lime - - 20 1710
	490 581	Broken lime 20 1710 Shale and streaks of lime 170 1880
Sticky shale 125 Shale and sand 300	281	Shale and streaks of fime 170 1880
Sand and rock $ -$ 40	921	Hard broken lime and shale 65 1975
Shele and lime $ -$ 135	1055	Shale and streaks of sand 20 1995
Shale $ -$ 70	1126	Shale and streaks of lime 77 2072
Line 30	1156	Hard shale $ -$ 28 2100
Shale $ -$ 70	1226	Broken lime and shale - 30 2130
Shale and shells $ -$ 300	1526	TOTAL DEFTH 3385
Line and shele $ 74$	1600	CASING RECCED: 3,380 feet of 7-inch,
Sticky shale $ -$ 137	1737	and 163 feet of 10-inch casing.
Eard shale $ -$ 53	1790	
Soft shale 410	2200	Driller's log of well 63
Sand 20	2220	Striebeck, owner. The Salt Dome Oil
	3907	Corporation, driller. 5 miles south of
CASING RECORD: 451 feet of 10-3/		Pettus.
and 3,894 feet of 7-inch casing.		Surface soil 146 146
		(Continued on next page)
		, , , , , , , , , , , , , , , , , , ,

- -20-Table of drillers! logs, Bee County -- Continued

Thickness	Depth	Thickness Depth
(feet)	(feet)	(feet) (feet)
Driller's log of well 63Cont		Driller's log of well 65Continued
Sand and sand rock 283	1 429	Sand and boulders 35 1165
Gravel 80	509	Shale and boulders - 70 1235
Shale and boulders 251	760	Sticky streaks of shale 196 1431
Sandy shale 28	788	Sticky shale 74 1505
Sandy shale and shells - 62	850	Shale and hard lime - 21 1526
Shale and shells 55	905	Hard broken lime 11 1537
Shale and lime 240	1145	Lime and sticky streaks of
Sandy shale 61	1206	shale 40 1577
Shale 64	1270	Shale and streaks of lime 66 1643
Shale and shells 119	1389	Hard lime and rock 2 1645
Sticky shale and shells 337	1726	Hard lime and shale - 55 1700
Sendy shale and shells - 116	1842	Hard sticky shale 100 1800
Shale and shells 68	1910	Hard shale and lime - 20 1820
Shale and lime 106	2016	Hard sticky lime 80 1900
Sandy shale 92	2108	Shale and lime streaks 64 1964
Shale and line 82	2190	Shale and streaks of hard
Sandy hard shale 16	2206	lime 306 2270
Hard sandy shale and shells 124	2330	TOTAL DEPTH 3962
Sondy shale 31	2361	CASING RECORD: 3,950 feet of 51-inch
TOTAL DEPTH	3145	casing.
CASING RECORD: 112 feet of 10-in	ch, and	
3,123 feet of 5-inch casing.		Driller's log of well 83
		R. T. Hicks, owner. James R. Dougherty,
Driller's log of well 65	1	driller. 6-3/4 miles northwest of
P. L. Campbell, owner. N. V. Dun		Beeville.
driller. 62 miles southwest of P	ettus.	Caliche 55 55
Caliche, send and rock - 40	40	Caliche, send and clay 107 162
Clay and sand 152	192	Shale 29 191
Sand, clay and boulders 148	340	Sand with water 182 373
Clay, streaks of shale - 160	500	Broken sand and shale - 442 815
Sand and streaks of clay 200	700	Shale 35 850
Strenks of send, clay and		Sandy shale and boulders 515 1366
boulders 324	1024	Shale and sand 589 1955
Sticky streaks of shele 106	1130	Shale and shells 132 2087
		Shale and hard lime - 522 2609
		TOTAL DEPTH 3673
	1	,

Logs of test wells drilled by W. P. A. labor in Bee County, Texas Samples examined and classified by J. M. Frazier, Jr., Project Superintendent

Thickness Depth	Thicmess Deuth
(feet) (feet)	(leet) (feet)
	Tell 304Continued
C ¹ / ₂ miles south of Pawnee and 12 ¹ / ₂ miles Test of Pettus. Surface soil 1	Sand 12 39 November 14, 1930.
Dirt 4 5 Clay 4 9	<u>Well 305</u> Flat,Hartsendorf tract, west side of
Sand - - - 16 25 Clay - - - 1 26 Yellow scnd - - 1 27	Highway 181, 1 mile north of Pettus. Surface soil 1 1 Sand and surface soil - 1 2
Send 3 30 Sand ond cloy 2 32	White sand - - - 4 6 Brown sand - - - 6 12
Yellow clay 5 37 November 9, 1939.	Brown send and chalk $ 2$ $1^{1/2}$ Sand $ -$
<u>Yell 301</u> Flat, eact of State Highway, 10 ¹ miles	Yellow sand
vest of Pettus. Surface soil 1 1 Sand, soil and rock 5 6 Clay and rock 2 8 Brown clay 4 12	<u>Fell 306</u> Flat, east side of Ceaser Road, 1 ¹ / ₂ miles north of Pettus.
Caliche - - - 9 21 Caliche, clay and sand - 7 25 Brown clay - - 4 32 Movember 3, 1939. - - 4 32	Surface soil 1 1 Clay and surfice soil - 3 4 Sand 2 6 Caliche and sand 2 3
Tell 302In draw, Ers. A. Dugat tract, side ofCeasar Road, 52 niles west of Pettus.Caliche 4 44 4Caliche and sand 6 10Sand 6 10Sand 1 11Clay and shele 19 30Decembor 19, 1939.	Sand - - - 3 11 Sand and caliche - - 2 13 Thite sand - - - 3 16 Caliche - - - 1 17 Caliche - - - 1 13 Sand - - - 1 13 Sand - - - 14 32 Sand - - - 1 33 Sand - - - 6 39 November 21, 1930. - - 6 39
<u>Well 303</u> Flat, side of County Road, 91 miles west of Pettus.	Tell 307 Flat, State Highway Department tract, west side of Highway 251, 3 miles south
Surface soil 1 1 Coliche 15 19 Clay 4 23 Shale 5 22 December 20, 1939.	of Pettus. Surface scil 1 1 Clay 3 4 Sand and caliche 1 8 Sand, caliche and red clay 9 17 Sand and clay 4 21
Well 304 Flat, vest side of Hi hway 181 at county line, 31 miles north of Pettus.	Sand and clay $ 4$ 21 Sand and red clay $ -$ 10 31 Clay and scapstone $ -$ 3 3^4 November 13, 1939.
Surface soil 3 3 Sand and clay 5 8 Sand 7 15 Shale 6 21	Well 308 Flat, nowth side of County Road, 6 miles southwest of Pettus.
Red shole and clay 5 26 Sond and clay 1 27	Surface clay 2 2 (Continued on next page)

Logs of V. P. A. test wells in Ree County--Continued

Thickness Denth	Thic'mess Depth
(feet) (feet)	(leet) (feet)
Well 307 Continued	7011 313
Caliche and stard $ -$ 15 17	Flat, east side of County Road, 2 miles
Rock 1 16	south of Beeville.
Decomber 10, 1939.	Surface soil 2 2
	Soil and clay 3 5
J ell 309	
Hillside, M. Feel tract, side of Hineral	Clay and caliche 10 25
Road, 52 miles southwest of Pettus.	Clay 3 31
Surface soil 2 2	December 4, 1939.
Surface soil 2 2 Black loar 2 2 Sand 1 5 Sand and caliche 5 10	7011 314
Sand 1 5 Sand and caliche 5 10	Hillside, Ernest Kinkler tract, south
Send, crliche and clay - 4 14	side of Highway 202, 7 miles southwest
Caliche $ 10$ 24	of Beoville.
Soliche and sont $ -$ 14 35	Surface soil 1 1
December 12, 1)39.	Yellow $clay 1$ 2
and and the second second second second second second second second second second second second second second s	Caliche 3 5
<u>Toll 310</u>	Sand and caliche 2 7
Flat, east side of Olnos Road, 10 miles	
north of Beeville.	<u>Cctober 6, 1939.</u>
Surface losm 1 1	
Loam and chalk 2 3 Caliche 4 7	<u>Well 315</u>
	Flat, R. L. Jones tract, west side of
Coliche and clay 2 9	Fighray 202, 45 miles north of Skidmore.
Clay and chalt $ -$ 2 13	
Light-colored marl 2 15	Sand and clay 2 3 Calicho 5 3
Yellow marl and clay 3 10	Sand and caliche 7 15
1939.	Calicho - - - 5 3 Sand and caliche - - 7 15 Sand and clay - - 4 19
	Sand 13 32
7011 311	October 20, 1939.
Flat, G. H. Hickelson tract, in Charco,	
6] miles north of Beeville.	Well 316
Surface soil 1 1 Soil and send 2 3	In draw, west side of Old Tynan Road, 42 miles west of Skidmore.
Soil and send 2 3 Clay and calicho 9 12	
Sand and caliche $ \overline{\mathcal{E}}$ 20	Surface soil - - 3 3 Sand and clay - - - 3 6 Sand - - - 2 8
Sand $ -$	Sand 2 8
Clay 3 29	Calicho
Tater sand 10 39	Surface soil - - 3 3 Sand and clay - - 3 6 Sand - - - 3 6 Sand - - - 2 8 Caliche - - - - 3 11 Caliche and clay - - 3 14 Sand and clay - - 3 17
Struck vator at 23 feet. Water level, 30	
feet below ground level, 24 hours after	Clay 10 27
holo completea. Tovember 27, 1939.	Sand and clay 6 33
T .1. 710	Sand 5 38
Tillaide Mar 2 A Trout truct post	Decomber 6, 1939.
Hillside, Mrs. R. A. Ivey tract, anst side of Mineral Road, 6 miles northwest	well 317
of Boovillo.	Flat, side of Tran-Clareville Road, 74
Surface soil $ -$ 2 2	miles southwest of Stiduore.
	Surface soil 2 2
Red clay 3 5 Red clay and chalk 1 6	Clay and chalk $ 17$ 19
Send and chelk 10 16	clay 7 = 26
Send and gravel 5 21	Sand and clay 14 40
	Docember 8, 1939.
Send 2 29	
Neveriller 6, 1939.	

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

-23-

Thickness Depth	Thickness Depth
(feet) (feet)	(feet) (feet)
Well 313 Flat, side of Tynan-Clareville Road, 9 miles southwest of Skidmore. Surface soil 1 1 Soil and clay 2 3	Well 321ContinuedSand and clay 6Struck water at 34 feet. Jater level,34 feet below ground level, - hours afterhole completed. October 15, 1939.
Soil and clay - - 2 3 Clay - - - 6 9 Clay and chall: - - 3 12 Shale - - - 2 14 Clay - - - 2 14 Clay - - - 2 16 Chalk - - - 19 36 Sand - - - 7 43 December 8, 1939. - - 7 43	<u>Tell 330</u> Flat, Collings tract, south of Highway 202, 4 miles southeast of Beeville. Surface soil 1 Gumbo 1 2 Gumbo and clay 1 3 Sand, clay and chalk 5
Well 319 Flat, west side of Mighway 96, south edge of Tynan, 7: miles southwest of Skidmore. Black surface soil 1 1 Sand and soil 1 2 Sand and clay 5 7 Clay, sand and chalk 3 10	Sand - - - 10 Yellow sand - - 2 12 Sand - - - 3 15 Fine sand - - - 2 17 Coarse sand - - - 3 20 Coarse sand - - - 3 23 Sand and gravel - - 6 29 October 10, 1939. - - 6 29
Sand - - - 2 12 Sind and chelk - - - 3 15 Yellow sind - - - 8 23 Senl and chelk - - 6 29 October 27, 1939. - - 6	Well 331 Flat, Con Murphey tract, south side of Highway 202, 10 miles east of Beeville. Surface clay 1 1 Clay and chalk 2 3
Well 320Flat, southwest side of Tynan-ClarevilleNoad, $5\frac{1}{4}$ miles southwest of Skidmore.Surface soil 22Clay 2Sand and clay 49Sand and clay 4Sand all clay 4	Clay and chalk $ 2$ 3 Sand and clay $ 2$ 5 Sand $ 3$ 8 White sand $ 11$ 19 White sand and gravel $ 2$ 21 Yellow sand and gravel $ 2$ 21 Vellow sand and gravel $ 7$ 28 October 11, 1939. $ 7$
Sand, clay and chalk 17 26 Sand 7 33 December 7, 1939.	Well 332 Flat, J. M. O'Brian tract, south side of Highway 202, 162 miles east of Beeville.
Well 321Flat, A. L. Materne tract, west side ofHighway 202, 1 mile south of Beeville.Black surface soil 1Soil and clay 2Sand and clay 2Sand and clay 1Caliche 1Caliche and clay 1Sand 5Sand and caliche - 5Sand and caliche 5Sand and caliche 5Sand and caliche 5Sand and caliche 3Sand and clay 2Sand and sond 3Sand	Surface scil - - 1 1 Sand - - - 4 9 Sand and clay - - 4 9 Sand, clay and marl - 11 20 Sand, clay and marl - 11 20 Sand, clay and chalk - 2 22 Sand, clay and rock - 1 23 Sand - - - 3 Sand, clay and rock - 1 23 Sand, clay and chalk - 3 26 Sand, clay and chalk - 3 29 Clay - - 1 30 Clay and chalk - - 2 32 October 17, 1939. - - 3 -

Results of field tests of samples collected and tested in April, May and June 1934 by the Jnited States Geological Survey.

Parts per million

Tell	Hard-	Bicar-	Chlo-
10.	ness	bonate	ride
1	550	256	2,120
2	## ~=	5005 1007	
3	170	256	11
<u> 4 </u>	270	332	122
5	650	328	595
6	800	286	950
7	260	392	472
8	390	332	518
	390	300	528
10	370	360	890
11	220	488	670
12	460	270	312
13	1,200	356	1,170
20	250	320	208
21	280	296	182
22	270	350	328
25	750	344	752
24	450	316	632
25	950	400	975
26	500	304	380
27	500	266	645
28	240	386	158
29	420	328	295
- 30	290	352	235
-31	320	360	745
32	400	336	335
33	450	340	400
34	310	382	128
40	310	394	341
41	300	322	270
42	330	$\frac{355}{464}$	210
43	750	278	930
44	950	302	825
$\frac{49}{45}$	1,100	220	1,032
$\frac{10}{46}$	500	336	470
50	210	348	125
51	350	356	152
52	150	380	210
53	<u> </u>	368	195
54	240	276	364
55	330	376	232
56	270	442	156
37	270	552	125
58			
59	950	218	790
	390	280	318
61	270	296	98
-01 -62	600	292	<u>448</u>
70	550	308	$\frac{440}{450}$
71	<u>550</u> 260	308	$\frac{450}{155}$
$\frac{11}{72}$	00 L	302	100
16	946 949 		

Jell	Hard-	Bicar-	<u>Chlo-</u>
No.	· · · · · · · · · · · · · · · · · · ·	bonate	
73	380	388 -	190
-74	200	300 - 328	155
75	200	304	210
76	360	262	302
77	170	336	61
78	140	268	30
79	220	314	86
90	220	382	186
91	1,200	226	322
92	480	316	365
93	008	308	482
94	650	380	412
95	290	354	218
96	500	428	378
97	480	232	470
98	420	296	288
99	1,000	276	955
100	470	358	502
110	1,000	230	850
115	240	370	130
116	120	322	48
117	190	378	105
113			
119	700	330	760
	بمشموط ومغاديها فالبالية والمعطان وال		
120	in shaka kuta kuta ku da sa	~	
121	20	 600	510
$\frac{121}{122}$	1,000	302	815
$\frac{121}{122}$ $\frac{123}{123}$	1,000 200	302 562	815 100
$\frac{121}{122}\\\frac{123}{124}$	1,000 200 260	302 562 340	815 100 145
$ \begin{array}{r} 121 \\ 122 \\ 123 \\ 124 \\ 125 \end{array} $	1,000 200 260 800	302 562 340 432	815 100 145 1,080
$ \begin{array}{r} 121 \\ 122 \\ 123 \\ 124 \\ 125 \\ 126 \end{array} $	1,000 200 260 800 290	302 562 340 432 358	815 100 145 1,080 168
$ \begin{array}{r} 121 \\ 122 \\ 123 \\ 124 \\ 125 \\ 126 \\ 127 \\ 127 \end{array} $	1,000 200 260 800	302 562 340 432	815 100 145 1,080
$ \begin{array}{r} 121 \\ 122 \\ 123 \\ 124 \\ 125 \\ 125 \\ 126 \\ 127 \\ 128 \\ \end{array} $	1,000 200 260 800 290 420	302 562 340 432 358 576	815 100 145 1,080 168 215
$ \begin{array}{r} 121 \\ 122 \\ 123 \\ 124 \\ 125 \\ 125 \\ 125 \\ 128 \\ 128 \\ 128 \end{array} $	1,000 200 260 800 290 420 750	302 562 340 432 358 376 330	815 100 145 1,080 168 215 530
$ \begin{array}{r} 121 \\ 122 \\ $	1,000 200 260 800 290 420 750 700	302 562 340 432 358 376 330 396	815 100 145 1,080 168 215 530 580
$ \begin{array}{r} 121 \\ 122 \\ 123 \\ 124 \\ 125 \\ 126 \\ 127 \\ 128 \\ 129 \\ 130 \\ 131 \\ \end{array} $	1,000 260 800 290 420 750 700 550	302 562 340 432 358 376 330 396 264	815 100 145 1,080 168 215 530 580 450
$ \begin{array}{r} 121 \\ 122 \\ $	1,000 200 260 800 290 420 750 700 550 380	302 562 340 432 358 576 330 396 264 384	815 100 145 1,080 168 215 530 530 580 450 175
$\begin{array}{r} \hline 121 \\ 122 \\ 123 \\ 124 \\ 125 \\ 126 \\ 127 \\ 128 \\ 128 \\ 128 \\ 130 \\ 131 \\ 140 \\ 141 \\ \end{array}$	1,000 200 260 800 290 420 750 700 550 380 230	302 562 340 432 358 576 330 396 264 384 404	815 100 145 1,080 168 215 530 530 580 450 175 175
$\begin{array}{r} \hline 121 \\ 122 \\ 123 \\ 124 \\ 125 \\ 126 \\ 127 \\ 128 \\ 128 \\ 128 \\ 130 \\ 131 \\ 140 \\ 141 \\ 142 \\ \end{array}$	1,000 260 800 250 420 750 700 550 380 230 280	302 562 340 432 358 376 330 396 264 384 404 446	815 100 145 1,080 168 215 530 530 530 450 175 175 175 188
$\begin{array}{c} \hline 121 \\ 122 \\ 123 \\ 124 \\ 125 \\ 126 \\ 127 \\ 128 \\ 129 \\ 130 \\ 131 \\ 140 \\ 141 \\ 142 \\ 143 \\ 143 \\ \end{array}$	1,000 200 260 800 290 420 750 700 550 380 230	302 562 340 432 358 576 330 396 264 384 404	815 100 145 1,080 168 215 530 530 580 450 175 175
$\begin{array}{c} 121\\ 122\\ 123\\ 124\\ 125\\ 126\\ 127\\ 128\\ 128\\ 128\\ 130\\ 131\\ 140\\ 141\\ 142\\ 143\\ 144\\ \end{array}$	1,000 260 800 290 420 750 700 550 380 230 280 900	302 562 340 432 358 376 330 396 264 384 404 446 342	815 100 145 1,080 168 215 530 580 450 175 175 188 690
$\begin{array}{r} \hline 121 \\ 122 \\ 123 \\ 124 \\ 125 \\ 126 \\ 127 \\ 128 \\ 128 \\ 129 \\ 130 \\ 131 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ \end{array}$	1,000 260 800 290 420 750 700 550 380 230 280 900 310	302 562 340 432 358 376 330 396 264 384 404 446 342 428	815 100 145 1,080 168 215
$\begin{array}{r} \hline 121 \\ 122 \\ 123 \\ 124 \\ 125 \\ 126 \\ 127 \\ 128 \\ 130 \\ 130 \\ 131 \\ 140 \\ 141 \\ 142 \\ 143 \\ 144 \\ 145 \\ 150 \\ \end{array}$	1,000 260 800 290 420 750 700 550 380 230 280 900 310 800	302 562 340 432 358 576 330 396 264 384 404 446 342 428 268	815 100 145 1,080 168 215 530 580 450 175 175 188 690 252 645
$\begin{array}{r} 121\\ 122\\ 123\\ 124\\ 125\\ 126\\ 127\\ 128\\ 136\\ 131\\ 140\\ 141\\ 142\\ 143\\ 144\\ 145\\ 150\\ 151\\ \end{array}$	1,000 200 260 800 290 420 750 700 550 380 230 280 900 310 800 330	302 562 340 432 358 576 330 396 264 384 404 446 342 423 268 550	815 100 145 1,080 168 215 530 530 450 175 175 175 175 188 690
$\begin{array}{c} 121\\ 122\\ 123\\ 124\\ 125\\ 126\\ 127\\ 128\\ 127\\ 128\\ 129\\ 130\\ 131\\ 140\\ 141\\ 142\\ 143\\ 144\\ 145\\ 150\\ 151\\ 152\\ \end{array}$	1,000 200 260 800 290 420 750 700 550 380 230 280 900 310 800 330 370	302 562 340 432 358 376 330 396 264 384 404 446 342 - 423 263 350 326	$ \begin{array}{r} 815\\ 100\\ 145\\ 1,080\\ 168\\ 215\\\\ 530\\ 530\\\\ 530\\\\ 530\\\\ 252\\ 645\\ 251\\ 305\\ \end{array} $
$\begin{array}{r} 121\\ 122\\ 123\\ 124\\ 125\\ 126\\ 127\\ 128\\ 129\\ 130\\ 131\\ 140\\ 141\\ 142\\ 143\\ 144\\ 145\\ 150\\ 151\\ 152\\ 153\\ \end{array}$	1,000 260 800 290 420 750 700 550 380 230 280 900 310 800 330 370 350	302 562 340 432 358 376 330 396 264 384 404 446 342 423 268 350 326 304	815 100 145 1,080 168 215 530 580 450 175 175 175 188 690 252 645 251 305 326
$\begin{array}{r} 121\\ 122\\ 123\\ 124\\ 125\\ 126\\ 126\\ 127\\ 128\\ 128\\ 128\\ 130\\ 131\\ 140\\ 141\\ 142\\ 143\\ 144\\ 145\\ 150\\ 151\\ 152\\ 153\\ 154\\ \end{array}$	1,000 260 800 290 420 750 700 550 380 280 900 280 900 310 800 330 370 350 750	302 562 340 432 358 576 	$\begin{array}{r} 815\\ 100\\ 145\\ 1,080\\ 168\\ 215\\ \hline \\ 530\\ 580\\ 450\\ 175\\ 175\\ 175\\ 188\\ 690\\ \hline \\ -\\ 252\\ 645\\ 251\\ 305\\ 326\\ 742\\ \end{array}$
$\begin{array}{r} 121\\ 122\\ 123\\ 124\\ 125\\ 126\\ 127\\ 128\\ 126\\ 130\\ 131\\ 140\\ 141\\ 142\\ 143\\ 144\\ 145\\ 150\\ 151\\ 152\\ 153\\ 154\\ 155\\ \end{array}$	1,000 260 800 290 420 750 700 550 380 280 900 280 900 310 800 330 370 350 750 250	302 562 340 432 358 376 330 396 264 384 404 446 342 428 268 350 326 304 302 348	$\begin{array}{c} 815\\ 100\\ 145\\ 1,080\\ 168\\ 215\\ \hline \\ 530\\ 580\\ \hline \\ 530\\ \hline \\ 252\\ 645\\ 251\\ \hline \\ 305\\ \hline \\ 326\\ \hline \\ 742\\ \hline \\ 182\\ \hline \end{array}$
$\begin{array}{r} 121\\ 122\\ 123\\ 124\\ 125\\ 126\\ 126\\ 127\\ 128\\ 126\\ 130\\ 131\\ 140\\ 141\\ 142\\ 143\\ 144\\ 145\\ 150\\ 151\\ 152\\ 153\\ 154\\ 155\\ 156\\ \end{array}$	1,000 260 800 290 420 750 700 550 380 230 280 900 310 800 330 310 800 330 370 350 750 250	302 562 340 432 358 576 330 396 264 384 404 446 342 428 268 342 428 268 550 326 504 302 548 320	$\begin{array}{c} 815\\ 100\\ 145\\ 1,080\\ 168\\ 215\\ \hline \\ 530\\ 580\\ \hline \\ $
$\begin{array}{r} 121\\ 122\\ 123\\ 124\\ 125\\ 126\\ 127\\ 128\\ 126\\ 130\\ 131\\ 140\\ 141\\ 142\\ 143\\ 144\\ 145\\ 150\\ 151\\ 152\\ 153\\ 154\\ 155\\ \end{array}$	1,000 260 800 290 420 750 700 550 380 280 900 280 900 310 800 330 370 350 750 250	302 562 340 432 358 376 330 396 264 384 404 446 342 428 268 350 326 304 302 348	$\begin{array}{c} 815\\ 100\\ 145\\ 1,080\\ 168\\ 215\\ \hline \\ 530\\ 580\\ \hline \\ 530\\ \hline \\ 252\\ 645\\ 251\\ \hline \\ 305\\ \hline \\ 326\\ \hline \\ 742\\ \hline \\ 182\\ \hline \end{array}$

Vell	Hard-:	licar-	IChlo-
	ness		
171		50110000	11200
$\frac{171}{172}$	200	362	122
173	380	360	248
174	370	320	338
175	950	302	920
176	750	274	468
177	650	296	459
178			
179			
160			
190	950	280	878
191	360	396	233
192	520	310	138
193			
194	440	524	54(
195	260	308	19
200	460	254	36
201	900	336	1,130
202	470	340	390
205	480	324	332
204	260	272	136
205	830	586	1,240
203	500	572	438
207	10	440	254
208			
220		 	
221	500	266	400
222	320	332	190
224	950	316	840
225	480	426	430
226	370	408	225
227		40 m	
228			
229	130	418	118

Partial analyses of water from wells in Bee County, Texas

(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.)

record			The bar		((T) - + - 7	10-1	N/n mm n	G. 1		1	1	1	1	1	*
		Depth	Date		Total	Cal-	1	Sodium and			Chlo-	Ni-	Fluor-	Total	
Well	Own er	of	of		dissolved	1	sium	Potassium	bonate			trate		hardness	
1		well	collec	tion	selids	(Ca)	(Mg)	$(Na \neq K)$	(HC0 ₃)	(S0 ₄)	(C1)	(NO_3)	(F)	as CaCO3	
;		(ft.)			(calc.)	<u> </u>		(calc.)	<u></u>	1	1	1	1	(calc.)	-
	F. J. Hoff	375		, 1939	3,650	225	.28	1,156	244	<u>a/</u>	2,120	<u>b/</u>		677	
	W. Franke	275	do		4,041	197	36	1,328	305	<u>a</u> /	2,320	<u>b/</u>		643	
	Mrs. E. Cook	135		, 1939	247	54		39	238	12	21	<u>b/</u>	•••	153	
	Mrs. C. Hoaglund	119	Nov. 8		479	76	11	96	305	26	120	<u>b</u> /		237	
	W. A. Mueller	90	do	•	1,577	1,577	32	305	323	244	605	<u>b/</u>	0.6	710	_
	T. M. Plumer	275	do	•	1,207	48	11	401	366	167	400	b/	0.4	167	
	E. H. Peterson	172	do	*	-	-	_			274	470	b/			-
	H. W. Marcheck	168	do		1,267	102	5	367	250	200	470	<u>b</u> /		278	-
	H. H. Voges	276	do		1,297	120	21	339	305	176	490	<u>b/</u>	0.7	388	-
10	Schroeder &	312	do	•	1,840	143	24	530	360	136	830	<u>b</u> /		455	- 1
	Holland														- 12 - 25
Name and Address of the Owner, or other Designation of the Owner, where the Owner, where the Owner, where the O	John Olson	200	do	in the second se	1,850	45	13	651	445	199	720	<u>h</u> /	0.0	174	- 1
	W. A. Robertson	60	Nov. 14	, 1939	1,125	176	55	150	183	48	498	108	in a finingini nyananin na mpananin	664	•
<u>c</u> / 13	do.	163	do	•	2,890	460	94	431	317	679	1,070		0.2	1,538	-
	T. Plummer	110		, 1939	759	***			262	64	290	<u>b</u> /	***************************************		-
	0. Schmenemann	44	Nov. 22	, 1939	687	81	8	168	293	36	200	50	0.4	235	•
	W. G. Rutledge	60	Nov. 14	, 1939	1,683	136	55	405	177	164	760	75	0.5	569	-
26	H. Pullin	115	do	•	867	152	39	112	262	72	330	33	-	539	
27	C. S. Page	170	do	•	1,309	141	34	308	244	96	610	<u>b</u> /	-	491	
28	J. E. Copeland	105	do	•	1,417	166	45	294	262	70	620	93		598	-
29	G. A. Ray	130	do	4	705	105	22	131	287	56	240	b/		354	•
30	do.	76	do		685	117	24	112	311	44	235	b/		390	-
	Houston Oil Co.	560	do		1,711	71	25	551	329	172	730	b/	0.1	280	-
	G. A. Ray	112	do	•	992	152	27	183	317	104	370	b/		492	•
	Central Power &	238	do		1,125	182	26	207	329	88	460	<u>h</u> /		561	•
	Light Co.		-										* #		-
34	Mrs. W. E.	190	Dec. 5	, 1939	573	109	16	91	342	25	164	<u>b</u> /		340	
	McKinney														•
and the second standards in the second second second second second second second second second second second se	C. H. Cook	69	Dec. 20		938	111	25	215	348	68	348	<u>b/</u>		380	-
a/ Sul	phate less than 1	0 parts	per mil	ljon.			<u>c</u> / Ana	alyses of s	elected	wells	are gi	ven i	n millig	zrams	

b/ Nitrate less than 20 parts per million.

equivalents per liter on page 30.

	Results are in parts per million.												
		Depth	Date	Total	Cal-	Magne-	Sodium and	Bicar-	Sul-	Chlo-	Ni-	Fluor-	Total
Well	Owner	of	of	dissolved	cium	sium	Potassium	bonate	phate		trate	ide	hardness
		well	collection	rolids	(Ca)	(Mg)	(Na / K)	(HCO ₃)	$(S0_4)$	(C1)	(NO_3)	(\mathbb{P})	as CaCO ₃
		(ft.)		(calc.)			(calc.)		-				(calc.) ⁵
	J. Looney Est.	20		3,637	554	140	585	323	359	1,840			1,962
41	R. R. Dubose	101	Nov. 6, 1939	726	100		150	281	32	260	27	_	327
42	J. R. North	93	do.	963	95		227	433	48	240	98	-	329
43	W. F. Marshall	41	do.	1,912	251		381	250	136	900	69	-	842
	H. E. Yoward	274	do.	1,772	262		310	268	196	810	<u>b</u> /	0.4	896
	S. F. New	147	do.	1,950	337	77	273	171	132		<u>b/</u>		1,157
	R. C. Harris	136	Nov. 14, 1939	1,039	88		265	153	23	555	<u>b/</u>		356
	Felipe Perez	127	do.	555	58	19	133	342	52	124	<u>b/</u>	0.8	222
	C. E. Steltzfos		Nov. 26, 1939	603			-	354	50	155	<u>h/</u>		
	Steltzfos Est.	75	do.	771	79		183	366	96	205	<u>h/</u>	-	295
	G. T. Roberts	104	do.	751	89		169	366	62	220	<u>b/</u>		314
	C. A. Butts	60	do.	667	59	and the second second second second second second second second second second second second second second secon	183	427	40	150	<u>h/</u>	1.8	215
	Carlos Carrizoles		Dec. 12, 1939	405	<u>69</u>		67	336	16	60	<u>h/</u>	-	240
	M. Beck	70	do.	698	90		1.45	293	88	210	<u>b/</u>	•••	313
	P. L. Campbell	120	do.	730	131	25	105	262	60	270	<u>b/</u>		430
	N. Arrizolla	65	do.	562	62	11	133	311	40	103	60	•••	202 ! 360 S
	C. A. Bast		Dec. 20, 1939	762	104	24	156	323	44	275	<u>b/</u>		
	Community Church	60	do.	394	57	14	83	384	22	28	<u>b/</u>	0.7	<u>199</u> 512
70	Commercial Nati-	83	Nov. 15, 1939	1,090	147	35	215	311	100	440	<u>b</u> /	-	したん
	onal Bank												
	Mrs. J. W. Carson	153	do.	635	76	19	142	336	48	170	<u>b/</u>		267
	Patrick Martin	67		686	98	21	133	342	54	190	22		333
	P. H. & M. P.	83	do.	577	69	16	133	329	44	150	<u>h</u> /	-	240
	Martin		······································										
	T. J. Foreman Est.		do.	715	84	20	163	372	56	190	<u>b/</u>		292
	Sydney Smith		Nov. 15, 1939	876	125	24	161	329	52	260	63		410
	J. Harris	120	do.	423	59	8	98	323	20	70	<u>b</u> /	0.6	180
78	Whitehead Est.	49	do 🗸	304	52	10	57	305	11	24	<u>b/</u>		171
79	Dave Turner	89	do.	636	49	15	181	366	48	162	<u>b</u> /		184
80	W. Nation	80	Dec. 20, 1939	591	58	13	155	354	66	124	<u>b</u> /	0.7	198
81	J. A. Black	120	do.	1,041	138	45	196	232	28	520	<u>h</u> /		528
	W. Brice	98	Nov. 6, 1939	820	138	26	137	317	60	300	ble		451
84	H. W. Murphey	70	Dec. 12, 1939	506	77	16	88	323	44	68	54		260
	Sam Brown	134	Nov. 1, 1939	703	64	18	187	366	48	200	<u>b</u> /	0.8	231
a/ Sul	phate less than 10) parts	per million.	Wang ort		c/ .	Analyses of	selecte	ed well	s are	given	in mill	igrams
b/ Ni+	moto lega than 20	nonta	nen million				Annimalurte				· • •		-

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

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

equivalents per liter on page 20.

	•	Resi	itts are i	n part	and the second s	and the second descent des		•				
	Depth	Date	Total	Cal-	Magne-	- Sodium and				Ni-	Fluor-	Total
Well . Owner	of	of	dissolved	cium	sium	Potassium	bonate	phate	ride	trate	jde	hardness
	well	collection	solids	(Ca)	(Mg)	(Na ≠ K)	(HCO ₃)	(SO_{Λ})	(Cl)	(NO_3)	(F)	as Cacos
	(ft.)		(calc.)			(calc.)		T				(calc.)
91 Emil Kinkler	224	Nov. 1, 1939	1,274	262	80	89	171	68	680	<u>b</u> /	0.5	985
92 T. J. Hillard	119	do.	1,046	144	47	169	226	120	405	50		554
93 Earnest Kinkler	120	do.		-				10	25	23	~~	-
94 F. H. Boothe	159	do.		***				200	410	<u>b</u> /		-
95 E. Mueller	96	do.	729	81	22	169	336	52	230	<u>h</u> /	* -	294
96 C. H. Sugarek	72	Nov. 2, 1939	1,057	137	36	216	378	72	410	<u>b</u> /	_	493
97 A. W. Kinkler	103	Nov. 1, 1939	1,105	181	45	164	195	68	530	21		638
c/ 98 J. P. Impson	110	do.	781	136	28	115	366	20	235	66	0.5	458
99 T. J. Miller	98	do.	1,842	287	60	308	214	184	895			962
100 J. T. Earnest	85	Nov. 2, 1939	840	35	44	225	207	72	362	<u>b</u> /		267
101 R. J. Besley	92	Dec. 11, 1939	1,802	-		****	378	236	740	<u>b</u> /	-	
102 P. T. Martin	97	do.	425	28		132	329	28	66	<u>h</u> /		106
110 Mrs. J. W. Greer	160	Dec. 5, 1939	1,611	257		230	183	112	840		-	957
115 Texas Exp.	148	Nov. 28, 1939	612	67	15	151	372	44	135	<u>b</u> /	0.8	229
Station												
116 R. B. Burditt	115		372	24		113	305	26	48	<u>b/</u>	0.8	101
117 7. P. Richardson	140	do.	442	52		110	336	19	84		0.8	177
<u>c/118</u> J. J. Bates	187	do.	1,971	292		346	262	106			***	1,013
121 Central Power &	1,539	Nov. 10, 1939	1,295	8	2	520	598	<u>a</u> /	470	<u>b</u> /	1.1	26
Light Co.												
<u>c/122</u> J. R. Scott	70	Dec. 11, 1939	1,683	246		297	293	164	740	36	0.8	839
123 T. G. Bailey	66	do.	502	73		114	348	28	90	<u>b</u> /		209
124 J. T. Taylor	73	Nov. 28, 1939	580	75	16	128	348	44	140	<u>b/</u>	•	255
126 V. L. Kelley	80	Nov. 2, 1939	••••					31	160	<u>h</u> /	يند وروديونيو به يو رد. اود	
c/127 Oscar Leming	47	đo.	2,767	418		425	329	317		38	0.3	1,527
128 F. Hartzendorf	70	Oct. 17, 1939	470	95		72	342	44	80			282
c/129 ¹⁷ . Juenger	81	do.	1,343	190		226	336	200	505	<u>b/</u>	0.7	705
130 J. C. Wood Est.	95	Nov. 3, 1939	1,211	150		232	342	150	460			581
132 W. Ellis	100	Oct. 13, 1939	2,172	277	85	413	323	188				1,043
<u>133</u> do.	90	do.	2,340	297	85	85	305	236	1,120	<u>b/</u>		1,093
134 A. Waelder	67								1,110	<u>b/</u>	nun 1946 - Anna Alexandrik, Service Angelegen andere	
135 R. A. Baber	60	Oct. 13, 1939	531	78	10	113	317	64	110	<u>b</u> /	**	236
136 E. A. Rappe	70	Dec. 11, 1939	595		*		<u>372</u> 366	28 26	160	<u>b/</u>	-	252
137 J. Ballard	100	Oct. 13, 1939	562	69	19	127		c	140	b/	7 17	

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

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

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c/ Analyses of selected wells are given in milli-

grams equivalents per liter on page 30.

Results are in parts per million. Cal- |Magne-|Sodium and Bicar-|Sul- |Chlo-|Ni-T'luor-i Total Jepth Date Total bonate phate ride trate ide hardness Potassium dissolved cium sium oť of Well. Owner as CaCO- $(\mathrm{HCO}_{\mathrm{T}}) | (\mathrm{SO}_{\mathrm{A}}) | (\mathrm{CL})$ (NO_{α}) (F) $(Ma \neq K)$ (Ca) (Mg)collection solids well (calc.) (calc.) (cale.) (ft.) 200 294 23 32 b/ 1.0 Oct. 13, 1939 80 177 439729 138 A. Kubala 60 377 316 b/-----27 189 360 40 Oct. 19, 1939 1.07 859 50 139 J. Contrara 390 129 60 180 49 25 384 _ 56 Nov. 28, 1939 747 115 1:0 Pryor Lucas b/ 390 56 170 237 175 76 11 680 141 W. E. Handy 156 do. 254 122 40 727 79 14 178 427 84 -142 Mrs. A. Boemer 74 do. 0.7 239 384 24 114 21 124 127 546 73 14 c/143 Heard & Heard do. 292 390 71 250 h/ ----3, 1939 86 13 210 829 115 145 M. Murphy Nov. 528 335 b./ 38 167 354124Oct. 13, 1939 987 149146 F. Hartzendorf 70 370 336 250 b/ 143 44 -2, 1939 749 121 16 110 Nov. 151 J. Wallek 465 311 290 \overline{b} 0.1 126 66 813 147 24 c/152 E. C. Steinmight 130 do. 513 129 317 38 440 ъ/ -,013 156 50 85 153 Frank Trlica do. 457 211 427 95 330 b/ 27 138 1.013 138 154 Chas. Menger do. 297 19 139 372 26 185 h/ 88 155 Herman Jostes 130 do. 643 227 195 b/ 27 336 56 47 175 156 J. Folaba, Sr. 150 do. 665 624 250 b/40 329 82 ----199 31 767 157 A. Stautzenberger 105 do. .674 0.2 232 300 1.500 b/ 2,957 95 5144:34 c/158 Steimeyer & Co. 120 Oct. 27. 1939 483 329 350 b/ 132 37 1.87 118 ----990 168 R. L. Jones 50 Dec. 11, 1939 425 3-12 310 b/ 371 68 873 10440 169 D. Perrez 50 do. 1,212 376 281 140 .170 b/Nov. 17, 1939 2,249 100 ----171 W. J. Homan 64 320 ZUL 82 35428 116 b 33 172 M. L. Rendleman 97 Oct. 20, 1939 507 68 330 446 $\overline{73}$ b/ 26 176 348 173 H. C. Buehring 914 136 95 Nov. 2, 1939 ---360 h/275 62 878 1.08 do. ----_ 174 S. A. Duge -0.5 972 Oct. 23. 1939 263 77 152 870 b/1,828 310 317 c/175 C. Sevier 85 655 80 159 1O 490 930 178 55 b/ -176 Mrs. C. Driscoll Nov. 17. 1939 93 0.7 354 Ъ/ 1.7 124 60 154641 11 c/178 T. & N. O. R.R. 745 Oct. 20. 1939 41 201 56 330 <u>b/</u> ----Nov. 17. 764 125 1939 ------------179 do. 3.070 0.4 607 2.380 Dec. 11. 1939 855 227 515 244 b/ 181 Union Life Ins.Co. 4.704 90 1,003 900 b ---190 J. L. Flake 1.767 277 262 116 64 Oct. 23, 1939 25986 290 h/ 386 17. 1939 732 160 336 36 191 F. J. Gregoresvk 85 42 48 Nov. 90 b/ 287 71 27 47 293 22 Oct. 23, 1939 ----192 Geo. F. Gillian 401 64384 38 350 b/ 31 Nov. 17. 1939 765 103 144201 193 R. Roch 135 621 132 b/ 512 668 194 Mrs. A. Hennig 96 Oct. 23, 1939 1.662 140 66 40-1 ----

70

112

76

26

41

28

121

-10

66

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

a/ Sulphate less than 10 parts per million.

195 G. E. Gerdes

197 Murphey Est.

196 Mrs. J. W. Linney

228

90

60

b/ Nitrate less than 20 parts per million.

do.

Dec. 11. 1939

do.

579

540

461

26 c/ Analyses of selected wells are given in milligrams

15

a/

194

98

88

b/

b/

b/

8.0

equivalents per liter on page 30.

311

458

366

281

150

308

				*** *	noau.	LUS als In	Parva	por mr.	L/11.						
		Depth		ţe		Total	Cal-	Magne-	Sodium and	Bicar-	Sul-	Chlo-	N-1 -	Fluor-	- Total
Well	Owner	of	(f		dissolved	cium	sium		bonate			trate	1	hardness
		well	coll	ecti	on	solids	(Ca)	(Mg)	(Na / K)	(HCO ₇₃)			(NO_3)	(\overline{F})	as CaCOz
		(ft.)				(calc.)	1		(calc.)				5.		(calc.)
c/200	R. A. Heard	600	Nov.		1939	1,307	208	46	217	336	109	560	<u>b/</u>	0.5	709
205	L. D. Thompson	86	Nov.	17,	1939	2,872				366	292	1,380	<u>b/</u>		_
<u>c/207</u>	do.	1,2007		do.		854	14	3	325	342	34	310	<u>b</u> /	0.4	47
208		65		do.		453	88	5	82	281	18	122	<u>b</u> /		243
220	J. M. O'Brian	928	Oct.	13,	1939	920	19	5	337	220	40	410	<u>b</u> /	0.8	36
222	Dan Fox	160	Nov.	3,	1939	696	96	19	145	354	69	190	b/	0.6	317
224	M. Fox Est.	52		do.		1,661	227	68	302	207	60	900	<u>b</u> /		847
225	do.	104	Oct.	17,	1939	1,222	109	44	296	390	116	-465	<u>b</u> /		452
226	M. McGill Est.	64		do.		728	104	33	130	378	52	223	<u>h</u> /	-	395
227	đo.	100		do.		3,686	409	181	693	360	447	1,780		_	1,767
<u>c</u> /228	C. A. Earber	56		d∩.		1,574	150	64	354	397	156	655	<u>b</u> /	0.3	640
229	V. G. Thomas	644		do.		593	40	18	170	403	56	110	h/	0.5	176
230	W. V. Barber Est.	58		do.		2,017	174	71	486	403	228	860	<u>h</u> /		724
231	M. Fox Est.	67		do.		1,026				378	88	378	<u>b</u> /		-
300	V. P. A. Test	37	Nov.	9,	1939	21,814	4,274	788	2,586	122	1,206	12,900			13,926

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

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 30.

Chemical Analyses--Continued Results are in milligrams equivalents per liter.

			Results ar		<u>gramo</u>								
		Depth	Date	Total	Cal-	Magne-	Sodium and		4		Fluor-		Total
Well	Owner	of	of	hardness	cium	sium	Potassium	bonate			ide	trite	dissolved
		well	collection	as CaCO,	(Ca)	(Mg)	(N 3 ≠ K)	(HCO ₃)	(so_4)	(Cl)	(F)	(\mathbb{T}^{n}_{3})	solids
		(ft.)		(calc.)			(calc.)	Ŭ	_				(calc.)
5	W. A. Mueller	90	Nov. 8, 1939	14.20	11.56	2.64	13.28	5.30	5.09	17.06	0.03		54.96
13	W. A. Robertson	163	Nov. 14, 1939	30.76	23.00	7.76	18.76	5.20	14.14	30.18	0.01		99.04
20	0. Schmenemann	44	Nov. 22, 1939	4.70	4.06	0.64	7.30	4.80	0.74	5.64	0.02	0.81	24.00
and a set of the second s	W. G. Rutledge	60	Nov. 14, 1939	11.38	6.82	4.56	17.60	2.90		21.43	0.03	1.21	57.96
	Houston Oil Co.	560	do.	5.60	3.56	2.04	23.97	5.40		20.59	0.01		59.14
44	H. E. Yoward	274	Nov. 6, 1939	17.92	13.12	4.80	13.46	4.40	4.07	22.84	0.02	0.06	62.76
50	Felipe Perez	127	Nov. 14, 1939	4.44	2.90	1.54	5.78	5.60	1.08	3.50	0.04		20.44
57	C. A. Butts	60	Nov. 26, 1939	4.30	,2.96	1.34	7.94	7.00	0.83	4.23	0.06	0.12	24.48
73	Patrick Martin	67	Nov. 6, 1939	6.66	4.92	1.74	5.77	5.60	1.12	5.36	-	0.35	34.86
76	Sydney Smith	92	Nov. 15, 1939	8.20	6.26	1.94	7.01	5.40	1.08	7.33		1.39	30.42
	Sam Brown	134	Nov. 1, 1939	4.62	3.18	1.44	8.14	6.00	0.99	5.64	0.04	80.0	25.52
98	J. P. Impson	110	do.	9.16	6.82	2.34	4.98	6.00	0.42	6.63	0.03	1.06	28.28
118	J. W. Bates	187	Nov. 15, 1939	20.26	14.58	5.68	15.03	4.30	2.21	28.43	-	0.34	70.58
122	J. R. Scott	70	Dec. 11, 1939	16.78	12.30	4.48	12.92	4.80		20.87	0.04	0.58	59.40
127	Oscar Leming	47	Nov. 2, 1939	30,54	20.90	9.64	18.46	5.40	6.61	36.38	0.02	0.61	98.00
129	W. Juenger	81	Oct. 13, 1939	14.10	9.50	4.60	2.84	5.50	4.1ô	14.24	0.04	-	47.88
143	Heard & Heard	127	Nov. 28, 1939	4.78	3.64	1.14	5.39	6.30	0.50	3.21	0.04	0.12	20.34
152	E. C. Steinmight	130	Nov. 2, 1939	9.30	7.36	1.94	5.46	5.10	1.36	8.18	0.02	0.11	29.52
158	Steimeyer & Co.	120	Oct. 27, 1939	33.48	25.68	7.80	18.87	3.80	6.24	42.31	0.01		104.70
	C. Sevier	85	Oct. 23, 1939	19.44	13.14	6.30	13.49	5.20	and the second se	24.54	0.03		65.86
178	T. & N. O. R.R.	745	Oct. 20, 1939	2.94	2.04	0.90	8.45	5.80	1.24	4.34	0.02	-	22.78
	R. A. Heard	600	Nov. 3, 1939	14.18	10.38	3.80	9.45	5.50		15.79	0.03	0.03	47.26
207	L. D. Thompson	1,2007	Nov. 17, 1939	0.94	0.72	0.22	14.11	5.60	0.70	8.74	0.02		30.10
228	C. A. Barber	56	de.	12,80	7.50	5.30	15.41	6.50	3.24	18.47	0.02		56.42

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