Records of wells, driller's logs, water analyses, and map showing location of wells.

TEXAS STATE BOARD OF WATER ENGINEERS

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

This release contains records of wells in Brooks County, Texas, together with well logs and tables giving the results of well water analyses. It is illustrated by a map on which the wells listed are shown, each well being given a number on the map corresponding to the number assigned to it in the tables. The records were obtained in the course of an investigation by the Texas Board of Water Engineers in cooperation with the United States Department of the Interior, Geological Survey. They were obtained during the winter and spring of 1932-33 by Samuel F. Turner and James C. Cumley. Samples of water were obtained from most of the wells and tested in the field to determine approximately the hardness of the water and its chloride and sulphate contents, and samples from eight wells were analyzed in the Water Resources laboratory of the United States Geological Survey at Washington. Altogether about 500 wells located in all parts of Brooks County are described in the tables.

In most of the county water encountered at shallow depths is highly mineralized, although there are exceptions to this rule. In general the best water and the largest supplies are obtained from three rather deep sands. These sands are penetrated at depths ranging from 500 to 900 feet in the vicinity of Falfurrias, at lesser depths west and northwest of Falfurrias, and at greater depths in the eastern and southeastern parts of the county. The first deep well was drilled at Falfurrias about 1900 and irrigation from wells was begun about 1910. In 1932-33 a total of 500 to 600 acres consisting mostly of citrus orchards and truck gardens, were irrigated with water from 85 to 90 wells and the estimated total average discharge from all wells in the county was 2,000 to 2,500 acre-feet a year.

From an incomplete inventory made in April 1940, it is estimated that the total acreage irrigated from wells has been reduced about 30% since 1932-33. The greater part of the reduction has been due to a decrease in truck farming. Some of the citrus grove owners, however, have stopped irrigating. Information obtained from the leading users of ground water in the area indicates that although there has been a substantial decrease in the total irrigated acreage the growers who have continued operations are irrigating more thoroughly now than formerly, and as the groves are older and the trees larger, more water is used per acre than in 1932-33. Therefore it seems probable that the withdrawals of ground-water for irrigation in this area is at least equal to and possibly greater than it was in 1932-33.

The city of Falfurrias, the county seat, is supplied with water from two wells, Nos. 280 & 281, respectively 755 feet and 749 feet in depth. The average daily consumption of water is reported to vary from about 100,000 gallons in winter to about 150,000 gallons in summer.

Since December 1932 periodic measurements of water levels in selected wells have been made in different parts of the county. These records indicate that in the vicinity of the irrigated district near Falfurrias there has been an average net decline of six to eight feet in the shallow wells and a smaller average net decline in the deep wells. The water levels in the deep wells which serve the irrigated lands in that part of the county still are comparatively high, however, the average depth to the static level in 1939 being about 18 feet in the deep observation wells. In other parts of the county during the seven years of observation there has been comparatively little change in water levels in the wells studied.

The records given in this release serve as a guide to land owners and others who need information regarding wells and pumping plants in different parts of the area, and the quantity and quality of water yielded by the wells.

The publication was mimeographed by employees of the Work Projects Administration project No. 10443.

-3Records of wells in Brooks County, Texas

		Records of well	lls in Brooks	County	, Texas	3		
								incipal
	Distance	Owner	Driller	Date				earing be
	from			com-	of	eter	Depth	Thick-
	Falfurrias	1		ple-	well	of	to top	ness of
				ted	(ft.)	well	of bed	bed
	i				, ,	(in.)	(ft.)	(ft.)
1	19 miles	San Antonio	-	-	67	4	-	
	west	Loan & Trust Co	). T		<u> </u>		ĺ	
2	16 miles	do.	<u> </u>	-	-	4		-
	west							
3	15½ miles	Ambrosia	_	-	60	_		
	west	Maldonado						
4	20 miles	Trinidad		<del> </del>	76		<del>                                     </del>	<del> </del>
_	west	Pena			'`	_	_	
5	19½ miles	do.	<del> </del>		_	$4\frac{1}{4}$		
J	west	40.	_	-	_	=4	_	] -
C	18 miles	do.	<del></del>	<del> </del>	35	5-		<b></b>
0	1	40.	_	_	35			-
	west	D-43 C		ļ		3/10	0	
7	do.	Rafino Saenz	_	-	65	5-	•	_
				<u> </u>		3/10	9	
8	do.	Cleofus	-	-	-	-	-	-
		Hinojosa		ļ				
9	17½ miles	Francisco	-	-	-	-	-	-
	west	Pena		<u> </u>				
10	17 miles	D. Saenz	-	-	65	4급	_	-
	west							
11	do.	A. Hinojosa	-	-	-	-	-	-
12	15½ miles	W. W. Jones						
1,6	west	W. W. Jones	_	-	_	_	1 -	-
1 72	13 miles	Ed Pena	<del> </del>	<del> </del> -		5-		
10	. ~	Ed tena	_	_	-			_
7.4	west		<b></b>	<del> </del>	70	3/16 5-		
14	13 miles	do.	-	-	70			_
	west			1.010		3/10		
15	12 miles	Ramos Bros.	_	1918	110	5-		-
	west		<u> </u>	ļ	ļ	3/10	<u> </u>	<u> </u>
16	15 miles	W. W. Jones	-	-	-	-	-	-
	west							
17	16 miles	do.	-	Old	16	48	-	-
	west			<u> </u>		<u> </u>		
18	16½ miles	Wormser No. 3	Houston Oil	1931	4,904	-	-	<b>!</b> –
	west		Co.			1		
19	₫o.	Wormser No. 1	Pittsburg Oil	1926	3,705	-	-	-
			& Development	Co.				
20	15 miles	Holbein-	Allen &	1932	1,819	-	_	_
	west	Wormser No. 1	Morris Co.	1	Ì	1	l	
20		Holbein-	do.	1932	1,196	12 =		_
		Wormser No. 2			,	- 6		
21	do.	Lasater No. 1	Houston Oil	1929	4,120	10	<b>-</b>	
~1	1	Habarot No. 1	Co.	1 -555	1 , 120	1 -	1	1
22	do.	Holbein-	do.	1930	6,000	12		<del> </del>
22	40.	1	40.	T300	0,000	12	_	-
6.5	126 m= 7 = 0	Wormser No. 1	5 -	1020	A 002	<del></del>	<del> </del>	<del> </del>
23	16 miles	Holbein-	do.	TA90	4,861	-	-	-
	west	Wormser No. 2 deep well turbine	1	<u> </u>	1	<u> </u>	!	<u> </u>

A, air lift; T, deep well turbine; J, jack pump; C, centrifugal pump; H, hand pump or rope and bucket; W, windmill; F, artesian flow; E, electric motor; G, gasoline engine or oil engine.

<sup>1/</sup> P, public supply; RR, locomotives; I, irrigation; D, domestic; S, stock; N. not used.

	Al	l wells are dr	illed unle	ss othe:	rwise s	stated	in rer	marks	
	Water level		Field tests						
No.	Depth below	Date of	Method of	Use of	parts	per m	illion	Remarks	
	top	measurement	lift and	water		Hard-			
	of casing		amount of		ride	ness	phate		
	or odbing		power	2)	1140		i —		
						_ಲ/	₫/		
			<u>a</u> /		500	250		T)	
1	-		W	S	500	650	90	Bueno Suerte well.	
	,		<u> </u>						
2	_		W	S	380	500	75		
				1					
3	_	-	H	D,S	2,300	3,100	300	Magueyes well.	
						1	ļ ;		
4	32	Mar. 6, 1933	W	D,S,I	360	470	_	Temperature 76° F.	
T	0~	, 1000		2,0,1		1	1	Irrigates 1 acre of	
	34	3.	W	D C	75	290	<del> </del>	citrus fruits.	
5	34	do.	] W	D,S	75	230	_	Citrus iruits.	
				<u> </u>					
6	21	Mar. 4, 1933	W	S	100	300	-		
						<u> </u>			
7	20	Mar. 6, 1933	W	D,S	70	280	-		
							1		
8			<del>W</del>	D,S	50	250	-		
J		į	. "	, ~,~					
9			H	D,S	40	280	<del> </del>		
9	-		1 1	ט,ט	40	200	-		
			ļ		25.0	750			
10	_	-	W	D,S	650	750	-		
11	-	-	W	D,S	320	280	-		
12		_	W	S	270	340	_	Coyotes well.	
					1				
13	-		<del>l</del> w	D,S	480	480		Solis Number l	
20			1	1 -,0	100	100		well.	
14	37.5	Feb. 24, 1933	Ŋ	S	260	380		Solis Number 2	
T- <del>1</del>	0/•0	1 rev. 24, 1950	14	1 2	200	000		I.	
	<u> </u>							well. Temperature	
15	45.0	Feb. 3, 1933	M	S	220	320	40	76½° F.	
16	<b>—</b>	_	W	D,S	110	310	_	Palos well.	
							ł		
17	_	-	W	S	220	480	-	En el Arroyo dug	
			"			1		well.	
18	<del> </del>		+	<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>	Oil test.	
10	_	-	-	_	_	_	-	OII test.	
				<u> </u>	<del> </del>		<del> </del>		
19	_	-	-	-	-	-	-	Do.	
							<u> </u>		
20	-	-	-	-	-	-	-	Do.	
	1							<b>1</b>	
20a	i <del>-</del>	-	- `	1	-	-	-	Do.	
				İ		-	1		
21	_		<del> </del>		<del>                                     </del>	† <del></del>	_	Do.	
~ ,									
22	<del> </del>		+	<del> </del>	<del> </del>	+	<del> </del>	To	
20	-	-	-	-	-	-	-	Do.	
	<del> </del>		<del> </del>		<del> </del>	<u> </u>	<u> </u>		
23	_		_	-	-	-	-	Do.	
		!	]	l 	1	<u> </u>		1	

c/ Hardness as calcium carbonate determined by the soap method.

<sup>1/</sup> Sulphate test by turbidity method and may be as much as 25 percent in error.

e/ For analyses see table of water analyses.

f/ T. U. Taylor, Underground waters of Coastal Plain of Texas: U. S. Geological Survey Water-Supply Paper 190, 1907.

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		_		D		_			
		Rec	ords of wells in	n Brooks County	, Tex	asCor	itinued	l .	
								Pr	incipal
Ho.		Distance	Owner	Driller	Date	Depth	Diam-		earing bed
		from			com-		eter	Depth	Thick-
		Falfurrias				well	of	to top	
		1 441 411 140			ted		well	of bed	
	-				rea	(10.)	1	1 1	
	54	16 miles west	TT-31-3-	C	1.070	E 105	(in.)	(ft.)	(ft.)
	64			Southern Crude		5,105	-	-	-
		southwest	Wormser No. 1	Oil Purchasing					
	эπ	14 miles west	Scott & Hopper	-	Old	72	9		-
							3/16	5	
	52	13 miles	do∙	-	1928	450	5-	-	
		west					3/16	5	
	53	15 miles west-	do.	-	1915	3501	5-	_	**
		southwest				-	7 3/16		
	54	14 miles west-	do.	_	1915	350		1 _	
		southwest			1010	000_	4		
	61		Andres Canales			_			
	01	southwest	Andres Canales	_	_	_	_	_	-
	60	19 miles west.	M C Clonk						
	02		- W. G. Clark	-	-	-	5-	-	-
		southwest		~			3/16	)	
	63	20 miles west-	F. H. Knight	Chester Downs	-	470	$4\frac{1}{4}$	-	-
		southwest							
	64	21 miles west-	do•	-	1915	601	5	-	-
		southwest				_	3/16	S'	
	65	$20\frac{1}{2}$ miles west.	<b>do</b> •		1915	42	44	-	
		southwest							
<b></b>	66	18 miles west-	J. C. Saunders	_			$4\frac{1}{4}$		_
		southwest					-4		
	67	17 miles west.	do.			55			
	0,	southwest	i				_	-	~
	68		do.		Old	55	120	ļ	
	00.	<b>u</b> 0•	40.	-	OLG	55	120	_	-
	ĠO	3,	46			-05	4.1		
	69	do.	do.	***	-	85	$4\frac{1}{4}$	_	-
-	~~	30 13	3				ļ		
	70	19 miles west-	₫o.	-		~	-	-	
		southwest							
	71	1	do.	-	-	100	44	-	-
		southwest				~~~			
	72	19 miles west-	do.	-	-	79	$4\frac{1}{4}$	-	-
		southwest			<u> </u>			<u></u>	
	73	15½ miles west	Powers No. 1	Cambrian	-	3,169	-	_	
		southwest		Producing Co.	1		1		
	74	do.	Maupin No. 2	**	-	2,357	-		-
			*			( -	Ī		
	75	do.	Maupin No. 1	<u></u>		1,388	_		_
	, 0		3000 P 210 * 4		l	2,000	-		
	76	15 miles west-	Singer No. 2	Humble Oil &	<del></del>	5,084	<del> </del>		
	70	southwest	DINGEL MO. P	Refining Co.		0,004	_	-	_
	77.7		Ci N- 1			4 E40		ļ	
	77	do.	Singer No. 1	do.	-	4,548	-	-	_
-								ļ	
	78	15½ miles west	- W. M. Singer	-	-	220	41/4	-	-
-		southwest							
<u>e</u> /	79	13 miles west.	J. T. Maupin	••	1900	100	5-	-	-
		southwest					3/16	5	
-	80	15½ miles west.	Richard Myrick		1909	85	8	-	-
		southwest	1				1		
	81	$16\frac{1}{2}$ miles west.	- do.	_	1915	90	$4\frac{1}{4}$	_	
		southwest	-		1		**	1	
		<u> </u>		!	<del></del>	<del> </del>	·	<del> </del>	<u>'</u>

*	Water level		, ried unie	1		ield te		ICT NO
No•	Depth below	Date of	Method of	Use of	parts	per m	llion	Remarks
	top	measurement	1	water	Chlo-	Hard-	, ,	
	of casing		amount of	<u>b</u> /	ride	ness	phate	
			power			<u>c/</u>	₫/	
24		_	<u>a</u> /	-				Oil test.
****								
51	55.7	Feb. 26, 1933	W	D,S	200	330	-	Chaparros Prietos
								well.Reported to be
52	42.1	Feb. 24, 1933	<del>                                     </del>	S	100	240		150 feet deep. Carrizos well.
020	12.1	100. 21, 1000	1		1	-20		
53	13	Feb. 20, 1933	W	S	450	800	-	Jersey well.
E 4	14.0	3.	W	S	750	380		Garcia well.
54	14.0	do.	VV	5	150	280	-	Garcia Well.
61	_	-	W	S	250	550	_	Dug well.
62	_	-	W	S	950	750	-	
63	-	-	+ w	D,S	550	700	<del> </del>	
00				-,-				
64	21.9	May 13, 1933	W	S	210	370	-	
	60.0				070	700		
65	29.0	do.	W	S	270	300	-	
66	-	-	W	S	650	600		
67	-	-	H	D	500	170	-	
68	39.5	Feb. 20, 1933	W	D,S	550	400		Dug well, 10 feet
00	23.3	100 20, 100	· · · · · · · · · · · · · · · · · · ·	۵,0	350	1 400		square, lined with
69	30	Mar. 7, 1933	W	S	700	440	-	blocks of caliche.
					7 000	000		
70	28	do.	W	S	1,000	800	-	
71	26	do•	W	S	370	420	_	
72	32	do.	W	ន	1,100	1,100	-	
73	-			N	19,000	5 000		Oil test. Water
70	_			14	13,000	0,000	_	stands at top of
74	4	Feb. 25, 1933	-	N	130	45	-	casing.
			<u> </u>	7.7				
75	-	-	-	N	-	-	-	
76			<del>  -</del>	N	-	-		
77		-	-	N	-	_	-	Oil test.
78	-		W	S	250	340		Two dry abandoned
70	-	<b>-</b>	) VF		250	340	_	80 foot wells near
79	89.5	Feb. 26, 1933	W	S	110	340	-	this well.
			-					
80	-	<del>~</del>	W	D,S	140	300	-	
81	50	Mar. 4, 1933	W	S	500	<b>45</b> 0		· · · · · · · · · · · · · · · · · · ·
		,		-				,

		ords of wells in					Pr	incipal
٥.	Distance from	Owner	Driller	Date com-	Depth of	Diam- eter	water-b Depth	earing bed Thick-
	Falfurrias				well	of	to top	ness of
	ratiditias			ted	1 .	well	of bed	bed
				Ceu	110.7	(in.)	(ft.)	(ft.)
82	17 miles	Richard Myrick		1909	90	5-	1	- (100)
0.0	southwest	111011011111111111111111111111111111111		1000		3/16	,	
83	15 miles	do.	***		75	5-	65	10
-	southwest					3/18	į.	1
84	do.	Mary Powers		_	400		-	-
					-	3/16		
85	$14\frac{1}{8}$ miles	Charles		1896	90	6-	-	
	southwest	Hoffman				5/8		
86	$13\frac{1}{2}$ miles	William Singer	J. M. Calderon	1908	90	5-	•	-
	southwest				<u> </u>	3/16		
87	do.	Velva	-	-	75	5-	-	<b>-</b>
					ļ	3/16	,	
88	9g miles west-	Lazaro Lopez	-	1900	150	5-	-	-
	southwest					3/16	7	
89	$10\frac{1}{2}$ miles west	- Andres Lopez	-	1903	175	6-	-	-
	southwest	T T		3000	<del> </del>	5/8	<b></b>	<b></b>
90	10 miles west-	Lazaro Lopez		1929	80	-	-	_
	southwest				ļ		<u> </u>	
9T	10 miles	Domingo Garza	-	-	-	5-	-	-
40	southwest	Danas di ana		1000	<del>}</del>	3/16		
92	$8\frac{1}{2}$ miles west-	Donanciano Garza		1908	-	-	-	_
07	southwest				<del> </del> -	1 7 1	<b></b>	
93	8½ miles southwest	Lazaro Lopez	-	-	_	44	-	_
0.4	9 miles	Luis Lopez		1900	<del> </del>	5-	<del> </del>	
34	southwest	Torra Tober		1300	-	3/16	1	_
95		Crisogono	Guermo Perez	1926	1004		<u></u>	<del> </del>
	40-	Lopez	04011110 10102	1020	1 200	- +4 I		
96	do.	do.	Fermin	1920	56	$4\frac{1}{4}$		_
		20.	2 02	2020		-4		
151	13 miles	J. D. Cage	-	1913	135	5-	_	
	west	Estate				3/16	;	1
152	$13\frac{1}{2}$ miles	do.	-	1933	3	36	i -	
	west							
153	ll miles	do∙	A. Calderon	1912	171	5-	_	-
	west				<u> </u>	3/16		<u> </u>
154	$9\frac{1}{2}$ miles	do.	-	1917	60	5-	1	] -
	west				<del> </del>	3/16		<u></u>
155	$6\frac{1}{2}$ miles west-	do.	A. Calderon	1912	257	4급	-	-
	northwest							
250	n 1			1010	100	<del>                                     </del>		<b>ļ</b>
TD6	7 miles	do.	-	1918	103	5-		-
150	west	4.		1903	90	3/16 5-		<del> </del>
T07	9 miles	do.	-	1302	90			_
150	west do.	do.		1903	90	3/16		<del> </del>
158	ao.	ao.	-	1202	30			-
150	$12\frac{1}{2}$ miles	do.	A. Calderon	1912	103	3/16 5-		30
TOA	west	40.	y. ogragion	1312	1 100	3/16		
	Webu			I		1 5/10	ĺ	
								•

		wells are dr	r red attre	ss ouner		********		MAI AS
`T^	Water level	Doto of	Mothod of	ITao o≠		ield te		Domonica
][O•	Depth below		Method of					Remarks
	top	measurement	lift and	water		Hard-	,	
	of casing		amount of	<u>b</u> /	ride	ness	phate	
			power	_		<u>c</u> /	<u>d</u> /	
	,		<u>a</u> /			-	_	
82	-	-	W	S	110	340	-	
83	51.0	Mar. 4, 1933	W	S	310	450	_	
	32.0	1, 1000	1 "			100		
84	37.5	do.	W	S	1,100	900		
0-2	07.0	uo.	¥V	د	1,100	900	-	
O.F.	40.0		717	<del> </del>	0770	750		
85	42.0	do.	M	S	230	350	-	Alemana well.
				ļ			<u> </u>	
86	-		W	S	1,000	1,000	-	Paloma well.
87		-	W	D,S	390	350	-	
						l		
88	65.0	May 13, 1933	W	S	130	470	_	Illusion well.
		.)		_			1	
89	32.1	Feb. 4, 1933	w	S	310	600		
05	02.1	1000 4, 1000	1 "	D	310	00.5		
	<u> </u>		T 0 11	<u> </u>	220	430	ļ	
90	_	-	J,G,1호	D,S	220	410	-	
91	-	_	W	D,S	100	270	-	
92	43.0	Feb. 4, 1933	H	D,S	140	390	-	
93	-	-	W	S	250	500		Rodeo well.
				~				110000
94			W	D,S	220	410		
34	_	_	, vv	ν,υ	220	410	_	
05	<del> </del>		717	S	110	000	ļ	
95	-	-	W	۵	110	280	] -	
	<u> </u>						ļ	
96	46.0	May 12, 1933	H	D,S	80	310	-	
				<u> </u>				
151	51.5	Feb. 3, 1933	W.	S	400	480	120	Tinaja well.
152		-	***	N	6,000	5,000	-	Test hole in bottom
							1	of Palo Blanco
153		_	W	S	250	440	130	Inglesas Creek.
100			"		~00	1 10	1 200	well.
154	45.0	Feb. 3, 1933	W	S	430	600	100	Luciana well.
TUT	40.0	1 1 20 0 , Taga	1 V7	L C	450	000	100	THOUTHER METT.
75.	24 5	7 75 7050	717	<del></del>	<del> </del>	<del> </del>		than a second
155	34.5	Dec. 15, 1932	W	S	550	500	80	"Number One" well.
								Reported water level
				1	1			in April, 1912, 30
								feet below top of
156	34.0	Feb. 3, 1933	W	S	420	550		Palomas casing.
						1		well.
157	37.5	do.	W	S	440	600	-	Coyote Number 1
				~		-55		well.
158	<u> </u>			N	<del> </del>	<del> </del>	<del> </del>	Coyote Number 2
700	_	_	_	14	1	-	l -	· -
7.50	F. C. C.	To.b 7 2000	TIT	<del>  </del>	7.50	050	<del> </del>	well.
159	32.2	Feb. 3, 1933	W	S .	170	250	-	Quiotillas well.
					1		1	Reported water level
				1	1	1	l	in June 1912, 30
				<u> </u>			1	feet below top of
	]		1		1		1	casing.
	<del></del>		<del> </del>	<del>, , , , , , , , , , , , , , , , , , , </del>	<del></del>	<del>1</del>	<del></del>	:

**-9-**

	Reco	rds of wells	in Brooks County	, Texa	asCol	ntinue		1
No•	Distance	Owner	Driller	Date	Denth	Diam-		incipal earing bed
1.00	from	0,1101	DITTIO	com-			Depth	Thick-
	Falfurrias				well	of	to top	
				ted	(ft.)	ı	of bed	bed
7.66	7.0	<del></del>					(ft.)	(ft.)
	10½ miles west	J. D. Cage Estate	_	1915	200	5- 3/1		-
161		do.		1914	20	_	-	-
	10 miles west	do∙		1913	150	5 3/1		-
163	7호 miles west	do•	_	1917	127	5 <b>-</b> 3/10		<del>-</del>
164	9 miles west_ southwest	₫o.	-	1916	70	5- 3/1	-	-
165	10 miles west- southwest	do∙	A. Porter	1929	380	5- 3/1	334	56
166	$11\frac{1}{2}$ miles west-southwest	do.	-	1908	300	5- 3/1	5	-
167	do.	do•	Caldwell	1908	160	5 <b>-</b> 3/1		-
168	13 miles southwest	do.	_	1910	75	5 <b>-</b> 3/1	-	-
169	7 miles west- southwest	do.	Perry Downs	1908	810	5- 3/1	-	-
170	7 miles southwest	do.	_	1908	700	5 <b>-</b> 3/1	l -	-
171	7호 miles southwest	₫o∙	L. Calderon	1918	100	5- 3/1	-	-
172	8 miles southwest	do.	_	1903	200	5- 3/1	-	_
173		do.		1913	213	5- 3/1	1 -	-
174	$6\frac{1}{2}$ miles south-southwest	do.		1903	150	5- 3/1	•	-
175		do.	Chester Downs	1918	696		-	_
176	7호 miles south	do∙	Rupp & Porter	1931	672			-
177	do.	do.		Old	188	5- 3/1		-
178	9 miles south- southwest	do.	Chester Downs		672	5- 3/1	630	40

		l wells are dr	illed unle	ss othe				narks
	Water level					ield to		
No.	Depth below		Method of					Remarks
	top	measurement	lift and	water	ł	Hard-		
	of casing		amount of	<u>b</u> /	ride	ness	phate	
			power			<u>c</u> /	₫/	
7.60	16.6	T-1 7 1077	<u>a/</u> W		370	100		Tule well.
160	10.0	Feb. 3, 1933	¥¥	S	370	480	~	idte meir.
161	_	_		N				Tule dug well.
101	-	_	_	14	_	_	_	Abandoned and fill-
162	41.8	Feb. 3, 1933	W	S	600	600		Baile well. ed.
1.015		1004 0, 1100	"		000			Also reported as 65
163		_	W	S	1.600	1,200	-	Salado feet deep.
					,			well.
164	19.3	Feb. 3, 1933	W	S	900	1,100		Cachucha well. Also
								reported as 36 feet
165	-	-	W	S	160	340	-	Saucitas deep.
								well. Casing: $97\frac{1}{2}$
						į	[	feet of 5-3/16-inch
								swedged to 235 feet
166	24.6	Feb. 3, 1933	À	S	130	280	-	Calle- of $4\frac{1}{4}$ -inch.
					<b>!</b>			tano well, also
167	35.6	do•	W	S	150	340		Called Cametano
167	55.0	40•	\$ VV	٥	130	340	-	Baluarte well.
168	52.5	Feb. 4, 1933	W	s	55	170		Madrigueres well.
100	08.0	100. 1, 1000	1 "			1 -70		mading doros werr.
169	27.3	Feb. 3, 1933	W	s	170	230		Mesquite well. Also
		,		_	1		1	reported as 680
170	49.5	Feb. 4, 1933	W	S	290	500	_	Guaja- feet deep.
		,						lote well.
171	48.0	do.	M	S	150	240	-	Vargas well. Re-
								ported water level
			1					in March, 1918 48
			•					feet below top of
							•	casing. Casing:
	70.0	ā -		77	7.00	07.0		98 feet of 5-3/16-
172	39.8	do.	-	N	180	230	-	Abra Guada- inch.
173			<del>                                     </del>	S	130	180	<del> </del>	lupe well. Casing: 199 feet
110	_	_	NA.		130	100	-	of 5-3/16-inch.
								South Vargas well
							1	with 19 feet per-
174	10.4	Feb. 4, 1933	_	N	700	-	<del>  _</del>	South forated.
		_						Burro well.
175	Flows	do.	F	S	130	240	-	Burro well. Yield,
					<u></u>			5 to 6 gallons a
176	Flows	Jan. 17, 1933	F	S	170	240	-	Number 8 minute.
								well. Casing: 672
								feet of $4\frac{1}{4}$ -inch
			İ			İ		with 8 feet per-
7.55		E 1 07 1077		177	0.000		<u> </u>	forated at bottom.
177	6.4	Feb. 27, 1933	-	N	2,000	-	_	Plan Grande well.
178	<del> </del>		<u></u> ₩	s	170	120	-	Cuero well. Casing:
TIO	_	_	) vv	13	1 1/0	120	-	497 feet of 5-3/16-
		er ediginaria			1		1	inch and 185 feet of
								$4\frac{1}{2}$ -inch with 10 foot
		-						lap with 40 feet of
					1			strainer at bottom.
					-			Reported flow of $2\frac{1}{2}$
								gallons a minute
				1		į.		when completed.

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Records of wells in Brooks County, Texas—continued Frincipal Distance   Continued from Falfurrias   Driller   Date Depth   Dism—   Mater-Derring   Defined   Thick   Continued   Continu		<b>T</b>		-11-	<b></b>			,	
Distance   Owner   Driller   Date   Depth   Diam   water-bearing   beat   Poth   Thick   Thick   Salfurries   Doug   Medinis   1913   of to top   ness of   ted   (in.) (ft.) (ft.)   (in.) (in.) (ft.)   (in.) (ft.)   (in.) (ft.)   (in.) (ft.)   (in.) (ft.)   (in.) (ft.)   (in.) (ft.)   (in.) (ft.)   (in.) (ft.)   (in.) (ft.)   (in.) (ft.)   (in.) (ft.)   (in.) (ft.)   (in.) (ft.)   (in.) (ft.)   (in.) (ft.)   (in.) (ft.)   (in.) (ft.)   (in.) (in.) (ft.)   (in.)		Kecc	ords of wells	in Brooks County	, Texa	asCor	tinued		incinal
Composition   Composition	"io	Distance	Otato con	Drailion	Data	Donth	Diam		
Talfurnias	• C 1/1	1	Owner	DLITTEL					
Top		1				\$	1		
179   Similes South   J. D. Cage   Southwest   State   State   Southwest   State   Southwest   South		ratiurrias			_	,	1 :	:	
179   9 miles south—state   Satate   Castate				t ea	(10.)	1			
Southwest	170	0 miles south	T D Comp		014	50	<del></del>	(160)	(10.)
180   do.   do.   Doug McGinnis   1913   667   5-   -	1/9	\$		` -	Ola	30		_	-
181   10 miles   do.   do.   1913   231   5-   -	180			Doug McGinnis	1913	667	5-		
181   10 miles   do.   do.   1913   231   5-   -	100	40.	u Çi	Dodg MCOlimits	1010	007	ı	1 1	
Southwest   Go.						0,10	ĺ		
Southwest   Go.					Į				
Southwest   Go.    181	10 miles	d0.	40.	1913	231	5-			
182   do.   do.   -   1900   51   5-   -   3/16     -	101	1	40.	40.	1010	~01	t		
183   12½ miles   do.   Chester Downs   1926   580   4½   -   -	182	<u> </u>	do.		1.900	51	5-		-
183   12g miles   126   580   44d   -   -       184   14 miles   do.   -   1903   103   5-   -       185   do.   do.   Chester Downs   1918   550   5-   -       186   15 miles   do.   -   1908   200   5-   -       187   14 miles south   do.   Chester Downs   1915   615   5-   585   30+     187   14 miles south   do.   Chester Downs   1915   615   5-   585   30+     188   11g miles south   do.   Perry Downs   1903   526   5-   -       189   13 miles south   do.   Perry Downs   1903   526   5-   -       190   10 miles   do.   Chester Downs   1911   470   5-     -     191   201   5g miles west   Lasater Estate   Perry Downs   1911   470   5-     -     191   202   4 miles west   do.   -   112   5-     -     192   203   3g miles   do.   Perry Downs   01d   772   5-   520   28     204   6 miles   do.   Perry Downs   1911   502   5-   475   27     205   5 miles   do.   Perry Downs   1911   502   5-   475   27     206   6g miles west   do.   Chester Downs   1928   500   5-   -       206   6g miles west   do.   Chester Downs   1928   500   5-   -       206   6g miles west   do.   Chester Downs   1928   500   5-   -       206   6g miles west   do.   Chester Downs   1928   500   5-   -         207   208   3/16   50   5-         208   6g miles west   do.   Chester Downs   1928   500   5-             208   6g miles west   do.   Chester Downs   1928   500   5-             209   6g miles west   do.   Chester Downs   1928   500   5-               200   6g miles west   do.   Chester Downs   1928   500   5-               200   6g miles west   do.   Chester Downs   1928   500   5-                     200   6g miles west   do.   Chester Downs   1928   500   5-                           200   6g miles west   do.   Chester Downs   1928   500   5-	102	40.	40.	. ——	1300		1	1	
Southwest   184   14 miles   185   185   185   186	7.07	12± miles	đo.	Chaster Downs	1926	590			
184   14 miles   do.	100	1 ∼ 1	40.	Ollegeet Downs	1320	300	<b>-</b> 4		_
Southwest   Go   Gester Downs   1918   550   5-   -   -	194	1	30		1903	103	5_		
185   do.   do.   Chester Downs   1918   550   5-   -   -	704	1	40.		1900	; i TOO	•	1	_
186   15 miles   do.	105		3.0	Charton Down	1010	550			
186   15 miles   do.   -   1908   200   5-   -   3/16   187   14 miles south   do.   Chester Downs   1915   615   5-   585   30+   3/16	TQD	0.04	40.	onester Downs	1919	550	1	f i	-
Southwest   South   South   Southwest	100	16 miles	a a		1000	200			
187   14 miles south	Tap	1	0.00		1308	200	1		-
Southwest   South   South   Southwest	100		20	Observe Daving	1015	615			70+
188   11½ miles south	TRA	1 .	- 40.	onester Downs	1919	612			307
Southwest   South   South   Southwest		Southwest					3/10	) 	
Southwest   South   South   Southwest									
Southwest   South   South   Southwest		1							
Southwest   South   South   Southwest									
Southwest   South   South   Southwest									
Southwest   South   South   Southwest	100				1000		<del> </del> _		
189   13 miles south   do.   Perry Downs   1903   526   5-   -   -   3/16	188	. ~	1- ao•	-	1929	620	;		-
Southwest   3/16     190   10 miles   do.   Chester Downs   Old   502   4½   -   -	1.00		3 -	T	7.000	500			
190   10 miles   do.   Chester Downs   01d   502   4\frac{1}{4}   -   -       201   5\frac{1}{2} \text{ miles west- Lasater Estate   Perry Downs   1911   470\frac{1}{2}   5 -     -       202   4 miles west-   do.   -   112   5 -   -       203   3\frac{1}{2} \text{ miles   do.   Perry Downs   01d   772   5 -   520   28     3/16   625   35     204   6 miles   do.   -   110   5 -   748   24     west   205   5 miles   do.   Perry Downs   1911   502   5 -   475   27     206   6\frac{1}{2} \text{ miles west-   do.   Chester Downs   1928   500\frac{1}{2}   5 -   -   -       206   6\frac{1}{2} \text{ miles west-   do.   Chester Downs   1928   500\frac{1}{2}   5 -   -   -   -     206   6\frac{1}{2} \text{ miles west-   do.   Chester Downs   1928   500\frac{1}{2}   5 -   -   -   -     207   3   3   3   3   3   3   3   3   3	183	1	- ao.	Perry Downs	1903	526			_
South   201 5½ miles west- Lasater Estate   Perry Downs   1911   470+ 5-   -   -		soutnwest					3/16	) •	
South   201 5½ miles west- Lasater Estate   Perry Downs   1911   470+ 5-   -   -									
South   201 5½ miles west- Lasater Estate   Perry Downs   1911   470+ 5-   -   -		<u> </u>			0.7.3	500	<del>                                     </del>	<u> </u>	
201   5\frac{1}{2}   miles   west-   Lasater Estate   Perry Downs   1911   470+   5-   -     -	190	3	do.	Chester Downs	OTa	502	44	-	-
Northwest   Nort						157.5	1	<u> </u>	
202   4 miles west-   do.   -     112   5-   -     -	501		Lasater Estat	e Perry Downs	1911	470	-	·-	-
northwest   do.   Perry Downs   Old   772   5-   520   28   3/16   625   35						<u> </u>			
203 3\frac{1}{2} miles	202		d∧•		-	115			-
West     3/16 625   35						ļ. <u>.</u>	3/16		
204 6 miles do 110 5- 748 24 3/16 205 5 miles west do. Perry Downs 1911 502 5- 475 27 3/16 206 6 miles west do. Chester Downs 1928 500+ 5	203		do.	Perry Downs	01d	772		5	,
west						<del> </del>			1
205 5 miles do. Perry Downs 1911 502 5- 475 27 3/16  206 6 miles west- do. Chester Downs 1928 500+ 5	204	1	do.	-	-	110	1		
West 3/16  206 6 miles west- do. Chester Downs 1928 500+ 5						<u> </u>			<u> </u>
206 6 miles west- do. Chester Downs 1928 500 5	205	3	go.	Perry Downs	1911	502	3		27
206 $6\frac{1}{2}$ miles west- do. Chester Downs 1928 $500+5-$ southwest $3/16$		west			Ì		3/16	5	1
206 6 miles west- do. Chester Downs 1928 500+ 5 southwest 3/16					•		1		1
206 $6\frac{1}{2}$ miles west- do. Chester Downs 1928 $500+5-$ southwest $3/16$						1			
206 6 miles west- do. Chester Downs 1928 500+ 5 southwest 3/16							I		
206 $6\frac{1}{2}$ miles west- do. Chester Downs 1928 $500+$ 5 southwest $3/16$					Ì				
206 $6\frac{1}{2}$ miles west- do. Chester Downs 1928 $500+$ 5 southwest $3/16$					•				1
206 $6\frac{1}{2}$ miles west- do. Chester Downs 1928 $500+$ 5 southwest 3/16				·	ļ				
206   6 miles west-   do. Chester Downs   1928   500+ 5-   -   -						<u> </u>	1		
scuthwest 3/16	206		go.	Chester Downs	1928	500		-	-
		southwest	<u> </u>		!	!	3/16	5	<u> </u>

		1 11011			illed unle	00 001101				
,	Water level						1	eld te		
`ာ• ႏ	Depth below	Da	ite (	of	Method of					
i	top	meas	urer	nent	lift and	water	Chlo-	Hard-	Sul-	Remarks
Ī	of casing				amount of	b/	ride	ness	phate	
İ	J				power			<u>c</u> /	<u>a</u> /	
,					<u>a</u> /			) <i>27</i>		
179	<u> </u>				요/	N			ļ	
T/9	-		_		_	7//	_	-	-	
		<u> </u>								
130	_		-		W	D,S	210	250	-	Calosa well. Cas-
i i										ing: 463 feet of
								1	Ì	5-3/16-inch and 192
										feet of $4\frac{1}{2}$ -inch.
181	39.0	Feb.	4.	1933	W	S	220	420	-	Number 6 well.
	_	1	,						1	
182	37.8	<del></del>	do.		_	N	220	360	<del>  _</del>	Number 6 abandoned
100	07.0	ļ	uo.		_	14	220	; 500	_	1
7.05	3.5. 4		3 .		717	~	000	700	<b></b>	well.
193	13.0	j 1	do.		$V_{\star}$	S	280	300	-	Chester Downs well.
								<u></u>		
184		; t	-		-	N	-	-	-	Pena abandoned well
:		Ì								Water reported as
185	32.6	Feb.	4.	1933	W	S	200	180	_	Pena well. salty.
1.00			-,			~		100		20114 110221
186	67.6	<del> </del>	do.		W	S	170	330		Polla well.
100	07.0		uo.		y <b>v</b>	i)	110	330	<b>-</b>	LOTTE METT.
		ļ								
187	Flows	į	-		F	S	550	650	-	Tres Encinos well.
									1	Casing: 501 feet of
										5-3/16-inch and 124
									İ	feet of $4\frac{1}{4}$ -inch with
		İ							]	10 foot lap. 40
									1	
							Ì		1	feet of perforated
										casing at bottom.
188	26.8	Feb.	4,	1933	W	S	190	350	-	Sancudo well.
139	7.0		do.		Ť	S	400	450	-	Berenda well. Cas-
i										ing: 500 feet of
		ļ								5-3/16-inch. Had a
		}								flow when drilled.
190	8.6	Jan.	24	1077	W	S	190	210	<del> </del>	Mota Negro or
T 20	3.0	nam.	ω≖,	1900	. AA	D.	130	210	_	1
	<u> </u>	1		1000					ļ <u></u>	Number 10 well.
201	21.0	Dec.	8,	1932	W	D,S	240	260	35	Trevino dairy well.
								<u></u>		
202	30.4	1	go.		W	S	1,700	1,300	200	Esperanza well.
	1									Temperature 77° F.
203		1	-		W	D,S	230	230	30	Number 5 well.
	į					,~		. 200		Formerly had a flow
-304	41.7	D-0	0	1932	Ţ/Ŧ	S	1 600	1 500	500	
204	41.7	Dec.	٥,	TAOR	1	٥	1,000	1,500	500	Brazil well.
		<u> </u>			ļ		<u> </u>			<u> </u>
205	18.4		do∙		W	S	390	380	50	Las Conchas well.
		į								Casing: 430 feet of
										5-3/16-inch and 92
	Į.					1			1	feet of $4\frac{1}{4}$ -inch
		1						1		with 34 feet per-
	1				-			1		forated. Reported
	ł	1				1	1	1	i	water level in May,
		ļ			1					
								1		1911, 10 feet below
206	35.5		do.		₽r	S	150	180	40	1911, 10 feet below top of casing. Soledad well.

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Distance   Cwner   Driller   Date   Depth   Dian-water-bearing   Definition   Date   Depth   Dian-water-bearing   Definition   Decided   Depth   Dian-water-bearing   Definition   Decided   Depth   Dian-water-bearing   Definition   Decided   Depth   Dian-water-bearing   Definition   Decided   Depth   Dian-water-bearing   Definition   Decided   Depth   Dian-water-bearing   Definition   Decided   Depth   Dian-water-bearing   Definition   Decided   Depth   Dian-water-bearing   Definition   Decided   Dec		Rec	ords of wells in	n Brooks County	, Texa	asCor	tinue		
Company   Comp									
Palfurnias	No.		Owner	Driller					
ted		1				Z .	1		4
207 5\frac{1}{2} miles west-  Southwest    Southwest		rallurrias						_	i
207   52 miles west-  Casater Estate   Ferry Downs   1911   487   5-  460   26   26   26   42 miles west-  500   42 miles west-  500   42 miles west-  500   5-  -   5/16					tea	(16.)			1
Southwest   Solid	207	5 miles west-	Lasater Estate	Perry Downs	1911	487			
Southwest   Sout		southwest					3/1		
209   do.   do.   Ferry Downs   1915   120	208	, ~	do.	Chester Downs	1929	800+		•	-
210   4 miles west-  southwest   do.   Bill Edwards     59   5-    3/16         211   do.   do.   Chester Downs   1913   752   5-    -       3/16     3/16         212   do.   do.   Doug McGinnis   1901   775   8½   -     -     213   do.   do.   Perry Downs   1903   740+   5-     -     3/16     3/16       214   3 miles west-  do.   Doug McGinnis   -   788   5-       -     3/16     3/16       215   5 miles west-  do.   A. Calderon   1911   150   5-    -     3/16     3/16       216   do.   do.   -   150   5-    -     3/16     3/16       217   4½ miles   do.   A. Calderon   -   232   5-    -     3/16     3/16       218   do.   do.   R. H. Rice   1910   126   5-    -     3/16     3/16       219   5½ miles   do.   Perry Downs   1910   702   5-    -     3/16     3/16       219   5½ miles   do.   Doug McGinnis   -   501   4½   -       220   5 miles   do.   Doug McGinnis   -   501   4½   -       221   4 miles   do.   S. Calderon   1910   125   5-    -     3/16     3/16       222   3 miles   do.   Elmer Rupp   1927   800+   12   -       223   3 miles   do.   Elmer Rupp   1927   800+   12   -       3/16     3/16     3/16       3/16     3/16     3/16       3/16   3/16		southwest					3/1	5	
210   4 miles west-  southwest   do.   Bill Edwards     59   5-    3/16         211   do.   do.   Chester Downs   1913   752   5-    -       3/16     3/16         212   do.   do.   Doug McGinnis   1901   775   8½   -     -     213   do.   do.   Perry Downs   1903   740+   5-     -     3/16     3/16       214   3 miles west-  do.   Doug McGinnis   -   788   5-       -     3/16     3/16       215   5 miles west-  do.   A. Calderon   1911   150   5-    -     3/16     3/16       216   do.   do.   -   150   5-    -     3/16     3/16       217   4½ miles   do.   A. Calderon   -   232   5-    -     3/16     3/16       218   do.   do.   R. H. Rice   1910   126   5-    -     3/16     3/16       219   5½ miles   do.   Perry Downs   1910   702   5-    -     3/16     3/16       219   5½ miles   do.   Doug McGinnis   -   501   4½   -       220   5 miles   do.   Doug McGinnis   -   501   4½   -       221   4 miles   do.   S. Calderon   1910   125   5-    -     3/16     3/16       222   3 miles   do.   Elmer Rupp   1927   800+   12   -       223   3 miles   do.   Elmer Rupp   1927   800+   12   -       3/16     3/16     3/16       3/16     3/16     3/16       3/16   3/16									
210   4 miles west-  southwest   do.   Bill Edwards     59   5-    3/16         211   do.   do.   Chester Downs   1913   752   5-    -       3/16     3/16         212   do.   do.   Doug McGinnis   1901   775   8½   -     -     213   do.   do.   Perry Downs   1903   740+   5-     -     3/16     3/16       214   3 miles west-  do.   Doug McGinnis   -   788   5-       -     3/16     3/16       215   5 miles west-  do.   A. Calderon   1911   150   5-    -     3/16     3/16       216   do.   do.   -   150   5-    -     3/16     3/16       217   4½ miles   do.   A. Calderon   -   232   5-    -     3/16     3/16       218   do.   do.   R. H. Rice   1910   126   5-    -     3/16     3/16       219   5½ miles   do.   Perry Downs   1910   702   5-    -     3/16     3/16       219   5½ miles   do.   Doug McGinnis   -   501   4½   -       220   5 miles   do.   Doug McGinnis   -   501   4½   -       221   4 miles   do.   S. Calderon   1910   125   5-    -     3/16     3/16       222   3 miles   do.   Elmer Rupp   1927   800+   12   -       223   3 miles   do.   Elmer Rupp   1927   800+   12   -       3/16     3/16     3/16       3/16     3/16     3/16       3/16   3/16									
210   4 miles west-  southwest   do.   Bill Edwards     59   5-    3/16         211   do.   do.   Chester Downs   1913   752   5-    -       3/16     3/16         212   do.   do.   Doug McGinnis   1901   775   8½   -     -     213   do.   do.   Perry Downs   1903   740+   5-     -     3/16     3/16       214   3 miles west-  do.   Doug McGinnis   -   788   5-       -     3/16     3/16       215   5 miles west-  do.   A. Calderon   1911   150   5-    -     3/16     3/16       216   do.   do.   -   150   5-    -     3/16     3/16       217   4½ miles   do.   A. Calderon   -   232   5-    -     3/16     3/16       218   do.   do.   R. H. Rice   1910   126   5-    -     3/16     3/16       219   5½ miles   do.   Perry Downs   1910   702   5-    -     3/16     3/16       219   5½ miles   do.   Doug McGinnis   -   501   4½   -       220   5 miles   do.   Doug McGinnis   -   501   4½   -       221   4 miles   do.   S. Calderon   1910   125   5-    -     3/16     3/16       222   3 miles   do.   Elmer Rupp   1927   800+   12   -       223   3 miles   do.   Elmer Rupp   1927   800+   12   -       3/16     3/16     3/16       3/16     3/16     3/16       3/16   3/16									
210   4 miles west-southwest   do.   Bill Edwards     S9   5-     3/16	209	do.	do.	Perry Downs	1915	120+			-
Southwest	910	4 miles mest	3.0	Dalla Ramona					
211   do.   do.   Chester Downs   1913   752   5-  -   -	210	f	<b>do</b> •	Bill Edwards		39			-
212 do. do. Doug McGinnis 1901 775 8½  213 do. do. Perry Downs 1903 740+ 5  214 3 miles west- do. Doug McGinnis - 788 5  215 5 miles west- do. A. Calderon 1911 150 5  216 do. do 150 5  217 4½ miles do. A. Calderon - 232 5 7  3/16  218 do. do. R. H. Rice 1910 126 5 7  219 5½ miles do. Perry Downs 1910 702 5  219 5½ miles southwest 220 5 miles southwest 221 4 miles do. Doug McGinnis - 501 4½  220 5 miles southwest 221 4 miles do. S. Calderon 1910 125 5  221 4 miles do. S. Calderon 1910 125 5  3/16 220 5 miles do. Elmer Rupp 1927 800+ 12	211		do.	Chester Downs	1913	752	5-	<del></del>	
213   do.   do.   Perry Downs   1903   740									
213   do.   do.   Perry Downs   1903   740									
213   do.   do.   Perry Downs   1903   740								į	
213   do.   do.   Perry Downs   1903   740									
213   do.   do.   Perry Downs   1903   740									
213   do.   do.   Perry Downs   1903   740									
214 3 miles west-southwest   do.   Doug McGinnis   -   788   5-    -     -     215 5 miles west-southwest   do.   A. Calderon   1911   150   5-    -     -     3/16     216   do.   do.   -   150   5-    -     -     3/16     217   4½ miles   do.   A. Calderon   -   232   5-    -       217 4½ miles   southwest   do.   R. H. Rice   1910   126   5-    -       218   do.   do.   R. H. Rice   1910   126   5-    -       219 5½ miles   do.   Perry Downs   1910   702   5-    -       220 5 miles   do.   Doug McGinnis   -   501   4½   -       221 4 miles   do.   S. Calderon   1910   125   5-    -       221 4 miles   do.   S. Calderon   1910   125   5-    -       222 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     223 miles   do.   Elmer Rupp   1927   800+   12   -     -     224 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     225 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     226 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     227 3 miles   do.   Elmer Rupp   1927   800+   12   -           228 3 miles   do.   Elmer Rupp   1927   800+   12   -           229 3 miles   do.   Elmer Rupp   1927   800+   12   -           240 3 miles   do.   Elmer Rupp   1927   800+   12   -           240 4 miles   do.   Elmer Rupp   1927   800+   12   -           240 4 miles   do.   Elmer Rupp   1927   800+   12   -           240 4 miles   do.   Elmer Rupp   1927   800+   12   -	212	do.	do.	Doug McGinnis	1901	775	$8\frac{1}{4}$	-	-
214 3 miles west-southwest   do.   Doug McGinnis   -   788   5-    -     -     215 5 miles west-southwest   do.   A. Calderon   1911   150   5-    -     -     3/16     216   do.   do.   -   150   5-    -     -     3/16     217   4½ miles   do.   A. Calderon   -   232   5-    -       217 4½ miles   southwest   do.   R. H. Rice   1910   126   5-    -       218   do.   do.   R. H. Rice   1910   126   5-    -       219 5½ miles   do.   Perry Downs   1910   702   5-    -       220 5 miles   do.   Doug McGinnis   -   501   4½   -       221 4 miles   do.   S. Calderon   1910   125   5-    -       221 4 miles   do.   S. Calderon   1910   125   5-    -       222 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     223 miles   do.   Elmer Rupp   1927   800+   12   -     -     224 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     225 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     226 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     227 3 miles   do.   Elmer Rupp   1927   800+   12   -           228 3 miles   do.   Elmer Rupp   1927   800+   12   -           229 3 miles   do.   Elmer Rupp   1927   800+   12   -           240 3 miles   do.   Elmer Rupp   1927   800+   12   -           240 4 miles   do.   Elmer Rupp   1927   800+   12   -           240 4 miles   do.   Elmer Rupp   1927   800+   12   -           240 4 miles   do.   Elmer Rupp   1927   800+   12   -									
214 3 miles west-southwest   do.   Doug McGinnis   -   788   5-    -     -     215 5 miles west-southwest   do.   A. Calderon   1911   150   5-    -     -     3/16     216   do.   do.   -   150   5-    -     -     3/16     217   4½ miles   do.   A. Calderon   -   232   5-    -       217 4½ miles   southwest   do.   R. H. Rice   1910   126   5-    -       218   do.   do.   R. H. Rice   1910   126   5-    -       219 5½ miles   do.   Perry Downs   1910   702   5-    -       220 5 miles   do.   Doug McGinnis   -   501   4½   -       221 4 miles   do.   S. Calderon   1910   125   5-    -       221 4 miles   do.   S. Calderon   1910   125   5-    -       222 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     223 miles   do.   Elmer Rupp   1927   800+   12   -     -     224 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     225 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     226 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     227 3 miles   do.   Elmer Rupp   1927   800+   12   -           228 3 miles   do.   Elmer Rupp   1927   800+   12   -           229 3 miles   do.   Elmer Rupp   1927   800+   12   -           240 3 miles   do.   Elmer Rupp   1927   800+   12   -           240 4 miles   do.   Elmer Rupp   1927   800+   12   -           240 4 miles   do.   Elmer Rupp   1927   800+   12   -           240 4 miles   do.   Elmer Rupp   1927   800+   12   -									
214 3 miles west-southwest   do.   Doug McGinnis   -   788   5-    -     -     215 5 miles west-southwest   do.   A. Calderon   1911   150   5-    -     -     3/16     216   do.   do.   -   150   5-    -     -     3/16     217   4½ miles   do.   A. Calderon   -   232   5-    -       217 4½ miles   southwest   do.   R. H. Rice   1910   126   5-    -       218   do.   do.   R. H. Rice   1910   126   5-    -       219 5½ miles   do.   Perry Downs   1910   702   5-    -       220 5 miles   do.   Doug McGinnis   -   501   4½   -       221 4 miles   do.   S. Calderon   1910   125   5-    -       221 4 miles   do.   S. Calderon   1910   125   5-    -       222 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     223 miles   do.   Elmer Rupp   1927   800+   12   -     -     224 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     225 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     226 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     227 3 miles   do.   Elmer Rupp   1927   800+   12   -           228 3 miles   do.   Elmer Rupp   1927   800+   12   -           229 3 miles   do.   Elmer Rupp   1927   800+   12   -           240 3 miles   do.   Elmer Rupp   1927   800+   12   -           240 4 miles   do.   Elmer Rupp   1927   800+   12   -           240 4 miles   do.   Elmer Rupp   1927   800+   12   -           240 4 miles   do.   Elmer Rupp   1927   800+   12   -									
214 3 miles west-southwest   do.   Doug McGinnis   -   788   5-    -     -     215 5 miles west-southwest   do.   A. Calderon   1911   150   5-    -     -     3/16     216   do.   do.   -   150   5-    -     -     3/16     217   4½ miles   do.   A. Calderon   -   232   5-    -       217 4½ miles   southwest   do.   R. H. Rice   1910   126   5-    -       218   do.   do.   R. H. Rice   1910   126   5-    -       219 5½ miles   do.   Perry Downs   1910   702   5-    -       220 5 miles   do.   Doug McGinnis   -   501   4½   -       221 4 miles   do.   S. Calderon   1910   125   5-    -       221 4 miles   do.   S. Calderon   1910   125   5-    -       222 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     223 miles   do.   Elmer Rupp   1927   800+   12   -     -     224 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     225 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     226 3 miles   do.   Elmer Rupp   1927   800+   12   -     -     227 3 miles   do.   Elmer Rupp   1927   800+   12   -           228 3 miles   do.   Elmer Rupp   1927   800+   12   -           229 3 miles   do.   Elmer Rupp   1927   800+   12   -           240 3 miles   do.   Elmer Rupp   1927   800+   12   -           240 4 miles   do.   Elmer Rupp   1927   800+   12   -           240 4 miles   do.   Elmer Rupp   1927   800+   12   -           240 4 miles   do.   Elmer Rupp   1927   800+   12   -	213	do.	do.	Perry Downs	1903	740+	5-	<del> </del>	-
Southwest   Sout						_			
Southwest   Sout									
Southwest   Sout									
Southwest   Sout	214	3 miles west.	do.	Doug McGinnia		788	5-	ļ <u>-</u> -	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ω± <del>τ</del>	4	40.	Dodg McGimia		1 700			_
Southwest   Sou	215		do.	A. Calderon	1911	150			
217 4½ miles   do.   A. Calderon   -   232   5-  -   7   3/16	-								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	216	do.	do.	-	-	150			-
Southwest   3/16						l	3/1	6 1	
Southwest   3/16	217	4분 miles	do.	A. Calderon		232	5-	<del> </del>	7
218 do. do. R. H. Rice 1910 126 5 3/16  219 $5\frac{1}{2}$ miles do. Perry Downs 1910 702 5 southwest 3/16  220 5 miles do. Doug McGinnis - 501 $4\frac{1}{4}$ southwest 3/16  221 4 miles do. S. Calderon 1910 125 5 southwest 3/16  222 3 miles do. Elmer Rupp 1927 800+ 12 south	211		40.	ni daradi di	·	202	1	•	
219 5½ miles   do							1		
219 5½ miles   do	<del></del>					<b> </b>			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	218	do.	do.	R. H. Rice	1910	126		*	_
Southwest   Sout	210	5± miles	do.	Perry Downs	1910	709			<del> </del>
220   5 miles   do.   Doug McGinnis   -   501   4\frac{1}{4}   -   -	213		40*	Terry DOMINS	+310	102			_
Southwest	220		do.	Doug McGinnis	_	501			<del>                                     </del>
southwest     3/16       222 3 miles     do.     Elmer Rupp     1927     800+ 12       south		southwest							
222 3 miles do. Elmer Rupp 1927 800+ 12 south	221		do.	S. Calderon	1910	125	1	•	-
south			3.	El D	1000	1		6	<del> </del>
	222	1	ao.	Timer Kupp	1927	800	TX	-	_
	223		do.	do.	1927	6001	10	<del>  -</del>	<del> </del>
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Depth below   Date of   Method of Use of   Method of Use of   Method of Use of   Method of   Use of   Method of   Use of   Method of   Use of   Method of   Use of   Method of   Use of   Method of   Use of   Method of   Use of   Method of   Use of   Method of   Use of   Method of   Use of   Method of   Use of   Use of   Method of   Use of   U		A1	l wells are dr	illed unle	ss other	rwise :	stated	in rem	marks
top of easing   measurement   lift and   mater   heast   phate   g/   d/   ride   mess   phate   g/   d/   d/   d/   d/   d/   d/   d/	~ .	Water level	Deta -A	Brakk-3 . C	IIaa				Demonies
Second   S	5.€	1	1						remarks
Dec. 8, 1933   W   S   190   200   50   Hanche Nuevo or Zoped farm well.		,	measurement		i ,	1	•	1	1 1
Section   Sect		or casing	•		<u>D</u> /	riae	1	1 - ,	
Section   Sect				-		1	<u>c</u> /	<u>d</u> /	
Zepeda farm well.   Casing: 700 feet of \$4\frac{1}{2}\$-linch and 16 feet of \$4\frac{1}{2}\$-linch with North Solid feet of \$4\frac{1}{2}\$-linch with North Solid feet of \$4\frac{1}{2}\$-linch and 16 feet of \$4\frac{1}{2}\$-linch with North Solid feet of \$4\frac{1}{2}\$-linch with North Solid feet of \$4\frac{1}{2}\$-linch with North Solid feet of \$4\frac{1}{2}\$-linch with North Solid feet of \$4\frac{1}{2}\$-linch with Solid feet of \$4\frac{1}{2}\$-linch with Solid feet of \$4\frac{1}{2}\$-linch with 18 foot lap and 40 feet perorated. Had small feet of \$4\frac{1}{2}\$-linch with 18 foot lap and 40 feet perorated. Had small feet of \$4\frac{1}{2}\$-linch with 18 foot lap and 40 feet perorated. Had small feet of \$6\frac{1}{2}\$-linch with 18 foot lap and 40 feet perorated. Had small feet of \$6\frac{1}{2}\$-linch with 18 foot lap and 40 feet perorated. Had small feet of \$6\frac{1}{2}\$-linch with 18 foot lap and 40 feet perorated. Had small feet of \$6\frac{1}{2}\$-linch with 18	E017	70.0	D 0 1077	a/	~		i		
208	~07	36.6	Dec. 8, 1933	W	S	190	200	50	ļ.
Mard School well.   Casing: 700 feet of \$3-51-inch and 10 feet of \$4\frac{1}{2}-inch with bottom, joint with one of the content of the cont	000	ļ	-		<del></del>		<del> </del>		
Casing: 700 feet of 5-3/16-inch and 10 feet of 4\frac{1}{2}-inch get of 4\frac{1}{2}-inch get of 4\frac{1}{2}-inch get of 4\frac{1}{2}-inch get of 4\frac{1}{2}-inch get of 4\frac{1}{2}-inch get of 4\frac{1}{2}-inch get of 4\frac{1}{2}-inch get of 4\frac{1}{2}-inch get of 4\frac{1}{2}-inch get of 4\frac{1}{2}-inch get of 1\frac{1}{2}-inch get of 4\frac{1}{2}-inch get of 1\frac{1}{2}-inch get	208	14.1	do.	W	D,S	200	190	35	
S-3/16-inch and 16   feet of 4\frac{1}{2}-inch with bottom   point								i !	1
Feet of 4%-inch   Feet of 5   Feet of 5   Feet of 5   Feet of 5   Feet of 5   Feet of 6   Feet of 6   Feet of 6   Feet of 6   Feet of 6   Feet of 6   Feet of 6   Feet of 6   Feet of 7		; i				<u></u>			
Second   S						1	i ,	1	5-3/16-inch and 100
28.0   28.0   do.   W   S   2,000   1,800   50   Silas   perforated.   Prietas well.		[					1		feet of $4\frac{1}{4}$ -inch
Prietas well.   Prietas well						İ	,		with bottom joint
210   25.3   do.   W   S   1,200   950   280   La Mota Dairy well Temperature 75° F.	209	28.0	do.	W	S	2,000	1,800	550	Silas perforated.
210   25.3   do.   W   S   1,200   950   280   La Mota Dairy well Temperature 75° F.					ļ Ī	i .		i	
211   9.0   do.   W   D,S,I   230   190   60   La Mota Number 4   feet of 5-3/16-inch and 186 feet of 4   inch with 18 foot lap and 40 feet per forated. Had smal flow when complete for a feet of 6-5/8-inch and 151 feet of 6-5/8-inch an	210	25.3	do.	W	S	1,200	950	280	<u> </u>
211   9.0   do.   W   D,3,I   230   190   60   La Mota Number 4   well. Casing: 584   feet of 5-3/16-inc   and 186 feet of 5-3/16-inc   and 186 feet of 4-4   inch with 18 foot   lap and 40 feet pe   forated. Had small   flow when complete						,	1		
Well. Casing: 584   feet of 5-3/16-inch and 166 feet of 5-3/16-inch and 166 feet of 5-3/16-inch and 166 feet of 5-3/16-inch with 18 foot lap and 40 feet per forated. Had smal flow when complete the forate of 6-5/8-inch and 151 feet of 6-5/8-inch and 151 feet of 6-5/8-inch 22 foot lap.    213   9.9   do.   W   D.S.I   210   220   30   Casing: 500 feet of 5-3/16-inch with 3 inch drill stem in bottom. Flow stor ped about 1920.   214   5.   do.   W   D.S.   280   300   60   La Fruta well.     215   27.9   do.   H   D   650   250   40   La Mota Vieja. Casing: 132 feet of 6-28   Casing: 132 feet of 6-28   Casing: 132 feet of 6-28   Casing: 132 feet of 6-28   Casing: 132 feet of 6-28   Casing: 132 feet of 6-28   Casing: 132 feet of 6-28   Casing: 132 feet of 6-28   Casing: 132 feet of 6-28   Casing: 132 feet of 6-28   Casing: 132 feet of 6-28   Casing: 132 feet of 6-28   Casing: 132 feet of 6-28   Casing: 132 feet of 6-28   Casing: 132 feet of 6-28   Casing: 232 feet of 6-28   Casing	211	9.0	do.	W	D.S.I	230	190	60	
feet of 5-3/16-inc and 186 feet of 42 inch with 18 foot lap and 40 feet perforated. Had smal flow when complete from the first perforated. Had smal flow when complete feet of 6-5/8-inch and 151 feet of 6-5/8-inch and 151 feet of 6-5/8-inch with 3 inch drill stem in bottom. Flow stem in the stem in bottom. Flow stem in the stem in bottom. Flow stem in the stem in bottom. Flow stem in the stem in bottom. Flow stem in the s					, -, <del>-</del>				1
and 186 feet of 4   inch with 18 foot   lap and 40 feet per forated. Had smal flow when complete   flow when flow when flow stop   flow the flow stop   flow flow   flow stop   flow flow   flow stop   flow flow   flow stop   flow   flow stop   flow   flow stop   flow   flow   flow flow   flow flow   flow flow   flow flow   flow flow   flow flow   flow flow   flow flow   flow flow   flow flow   flow flow   flow flow   flow flow   flow flow   flow flow   flow flow   flow flow flow   flow flow flow   flow flow   flow flow flow   flow flow flow   flow flow flow   flow flow flow   flow flow flow flow   flow flow flow flow flow flow flow flow								•	
Inch with 18 foot   lap and 40 feet per   forated. Had small flow when complete   forated. Had small flow when complete   forated. Had small flow when complete   forated. Had small flow when complete   forated. Had small flow when complete   forated. Flow when complete   forated. Flow when complete   flow flow flow flow flow   flow the flow when complete   flow when complete   flow when complete   flow when complete   flow when complete   flow when complete   flow when complete   flow when complete   flow when complete   flow when complete   flow when complete   flow when complete   flow when complete   flow when complete   flow when complete   flow when complete   flow flow flow the flow when complete   flow when complete   flow when complete   flow when complete   flow when complete   flow flow flow flow when flow the flow when flow when flow when flow when flow when									
lap and 40 feet per   forated. Had small   flow when complete			•						
Flows   Grated   Had smal flow when complete   Flows   Grated   Had smal flow when complete   Grated   Had smal flow when complete   Grated   Had smal flow when complete   Grated   Had smal flow when complete   Grated   Had smal flow when complete   Grated   Gra									
Flows   do.   F.W   D.S.I   200   210   60   La Mota well.   Casing: 621 feet of 8½-inch and 151 feet of 6-5/8-inch 22 foot lap.									
Flows   Go.   F.W   D.S.I   200   210   60   La Mota well.   Casing: 621 feet of 8½-inch and 151 feet of 6-5/8-inch 22 foot lap.							[		}
ing: 621 feet of 8½-inch and 151 feet of 6-5/8-inch 22 foot lap.	210	Till own	3.5	177 575	TO C T	900	67.0	60	
Bin   Sinch	212	TIOWS	40.	e,w	ע,ס,ד	200	210	60	
Section   Sect							1		
213   9.9   do.   W   D,S,I   210   220   30   Casing: 500   feet of 5-3/16-inch with 3   inch drill stem in bottom. Flow stor ped about 1920.						İ			
213   9.9   do.   W   D,S,I   210   220   30   Casing: 500 feet of 5-3/16-inch with 3 inch drill stem in bottom. Flow stor ped about 1920.									
S-3/16-inch with 3 inch drill stem in bottom. Flow stop ped about 1920.	12.7.02					0.7.0			
Inch drill stem in bottom. Flow story ped about 1920.	213	9.9	go.	W	D,S,I	STO	220	30	
bottom. Flow storm ped about 1920.									7
December 2015   December 201								•	I
214   5.   do.   W   D,S   280   300   60   La Fruta well.		!							£
215   27.9   do.									
Casing: 132 feet of	214	5.	do.	W	D,S	280	300	60	La Fruta well.
Casing: 132 feet of Section 280 Section 27								_	
216	215	27.9	do.	H	D	650	250	40	La Mota Vieja.
Mota Vieja. Temperature 76° F.							<u></u>		Casing: 132 feet of
Dec. 10, 1932   W   S   S   S   S   S   S   S   S   S	216	28.8	do.	M	S	500	270	80	La 5-3/16-inch.
217   31.2   do.   W   D,S   260   280   180   Una de Gato well. Casing: 232 feet of 5-3/16-inch with 7 feet perforated.     218   24.2   do.   W   S   490   410   240   Una de Gato well.     219   38.3   Dec. 9, 1933   W   S   600   500   320   Medanos well.     220   36.2   Dec. 10, 1932   W   S   1,000   950   550   Tecolote well.     221   42.8   do.   W   S   850   900   500   Justo well.     222   Flows   Jan. 4, 1933   F   S   140   180   70   Temperature 86° F. Yield, 12 gallons     223   3.3   Oct. 23, 1932   - N     Reported   minute							i	•	Mota Vieja. Tem-
Casing: 232 feet of 5-3/16-inch with 7 feet perforated.  218 24.2 do. W S 490 410 240 Una de Gato well.  219 38.3 Dec. 9, 1933 W S 600 500 320 Medanos well.  220 36.2 Dec. 10, 1932 W S 1,000 950 550 Tecolote well.  221 42.8 do. W S 850 900 500 Justo well.  222 Flows Jan. 4, 1933 F S 140 180 70 Temperature 86° F. Yield, 12 gallons  223 3.3 Oct. 23, 1932 - N Reported minute						} 	i		perature 76° F.
Casing: 232 feet of 5-3/16-inch with 7 feet perforated.  218 24.2 do. W S 490 410 240 Una de Gato well.  219 38.3 Dec. 9, 1933 W S 600 500 320 Medanos well.  220 36.2 Dec. 10, 1932 W S 1,000 950 550 Tecolote well.  221 42.8 do. W S 850 900 500 Justo well.  222 Flows Jan. 4, 1933 F S 140 180 70 Temperature 86° F. Yield, 12 gallons  223 3.3 Oct. 23, 1932 - N Reported minute	217	31.2	do∙	M	D,S	260	280	180	Una de Gato well.
5-3/16-inch with 7 feet perforated.  218 24.2 do. W S 490 410 240 Una de Gato well.  219 38.3 Dec. 9, 1933 W S 600 500 320 Medanos well.  220 36.2 Dec. 10, 1932 W S 1,000 950 550 Tecolote well.  221 42.8 do. W S 850 900 500 Justo well.  222 Flows Jan. 4, 1933 F S 140 180 70 Temperature 86° F. Yield, 12 gallons  223 3.3 Oct. 23, 1932 - N Reported minute			] 						1
Temperature 86° F-   Tempera									
218       24.2       do.       W       S       490       410       240       Una de Gato well.         219       38.3       Dec. 9, 1933       W       S       600       500       320       Medanos well.         220       36.2       Dec. 10, 1932       W       S       1,000       950       550       Tecolote well.         221       42.8       do.       W       S       850       900       500       Justo well.         222       Flows       Jan. 4, 1933       F       S       140       180       70       Temperature 86° F. Yield, 12 gallons         223       3.3       Oct. 23, 1932       -       N       -       -       Reported       minute									) ·
219       38.3       Dec. 9, 1933       W       S       600       500       320       Medanos well.         220       36.2       Dec. 10, 1932       W       S       1,000       950       550       Tecolote well.         221       42.8       do.       W       S       850       900       500       Justo well.         222       Flows       Jan. 4, 1933       F       S       140       180       70       Temperature 86° F. Yield, 12 gallons         223       3.3       Oct. 23, 1932       -       N       -       -       Reported       minute	218	24.2	₫o•	w	S	490	410	240	
220       36.2       Dec. 10, 1932       W       S       1,000       950       550       Tecolote well.         221       42.8       do.       W       S       850       900       500       Justo well.         222       Flows       Jan. 4, 1933       F       S       140       180       70       Temperature 86° F. Yield, 12 gallons         223       3.3       Oct. 23, 1932       -       N       -       -       Reported       minute				**	_	100			THE GOOD WOLLS
220       36.2       Dec. 10, 1932       W       S       1,000       950       550       Tecolote well.         221       42.8       do.       W       S       850       900       500       Justo well.         222       Flows       Jan. 4, 1933       F       S       140       180       70       Temperature 86° F. Yield, 12 gallons         223       3.3       Oct. 23, 1932       -       N       -       -       Reported       minute	219	38.3	Dec. 9. 1933	W	S	600	500	320	Medanos well.
221       42.8       do.       W       S       850       900       500       Justo well.         222       Flows       Jan. 4, 1933       F       S       140       180       70       Temperature 86° F. Yield, 12 gallons         223       3.3       Oct. 23, 1932       -       N       -       -       Reported minute	~	}	2001	*•		000		0~0	modalios worr.
221       42.8       do.       W       S       850       900       500       Justo well.         222       Flows       Jan. 4, 1933       F       S       140       180       70       Temperature 86° F. Yield, 12 gallons         223       3.3       Oct. 23, 1932       -       N       -       -       Reported minute	220	36.2	Dec. 10 1932	T/J	Q	1 000	950	550	Tecolote well
222 Flows Jan. 4, 1933 F S 140 180 70 Temperature 86° F. Yield, 12 gallons 223 3.3 Oct. 23, 1932 - N Reported minute	NAU	50,2	1200 10, 1300	V W	5	1,000	350	250	Tacorone Metr.
222 Flows Jan. 4, 1933 F S 140 180 70 Temperature 86° F. Yield, 12 gallons 223 3.3 Oct. 23, 1932 - N Reported minute	221	A2.9		727	-	950	000	500	Tugto woll
Yield, 12 gallons	AAI	42.0	uo.	24	ಎ	850	900	500	Justo well.
Yield, 12 gallons	202	F1 0777	Ton 4 1079	127		140	100	77.0	Mampa material CCC T
223 3.3 Oct. 23, 1932 - N Reported minute	ムスス	FIOWS	Jan. 4, 1933	T.	5	140	T80	70	
	0.00	07.07	0-4 07 7070		7.7				
! ! las a verv weak wel	223	3.3	UCT. 23, 1932	-	IN		-	-	I I
									as a very weak well.

	Dea	anda of malla is	-15-	Поже		. + i	1	
	Distance from Falfurrias	ords of wells in Owner	Driller	Date	Depth of well	Diam-	Pr	incipal earing bed Thick- ness of bed (ft.)
224	3 miles south	Lasater Estate	Downing	1905	810	5- 3/16	735	72
225	5 miles south	do.	Caldwell	Old	160	•	-	-
226	5 miles south- southeast	do∙	Perry Downs	1910	647	5- 3/16		26
227	6호 miles south	do.	do.	1909	909	5- 3/16		35 45
228	5½ miles south southeast	-Lasater No. 2	The Texas Co.	1927	250	-	-	
229	₫o•	Lasater No. 1	đo.	1927	430	-	-	-
230	do.	Lasater No. 3	₫o.	1927	4,878	-	-	
231	6 miles south- southeast	Co•	Elmer Rupp		639	5- 3/16	- 3	-
232	do.	₫o•	Kone Production Co.		3,512	-	-	-
233	do.	Lasater No. 2	Producers Oil Co.		1,050	-	-	-
234	do.	Lasater No. 1	do.	1912	622	-	-	-
235		do.	Kone Production Co.	1926	3,514	-	-	-
236	$5\frac{1}{2}$ miles southeast	Lasater Estate	-	-	-	44	-	-

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		L wells are dr	illed nutes	s otne				narks
	Water level					ield to		
No *	Depth below	Date of	Method of					Remarks
	top	measurement	lift and	water	Chlo-	Hard-	Sul-	
	of casing		amount of	<u>b</u> /	ride	ness	phate	
			power			_C/	<u>d</u> /	1
			a/			=	<u> </u>	
224	Flows	Oct. 23, 1932	F,W	D.C.	150	195	1 00	Cabezas Blancas
22 <del>4</del>	I II)WS	000. 20, 1932	r, w	D,S	130	190	80	1
		İ						well. Casing: 713
	İ							feet of 5-3/16-inch
				į		l		and 114 feet of $4\frac{1}{4}$
				1				inch with 72 feet
				1				perforated at bot-
						i		1 -
	·		1					tom. Temperature
				1	1			$87\frac{10}{2}$ F. Yield,
								about 10 gallons a
225	Flows	Jan. 4, 1933	F,"	D,S	180	200	120	Novillo minute.
	i ,							well. Reported
						•		flow (prior to
						1		1907) f/ 75 gallons
	1							
						[		a minute. Tem-
								perature $85\frac{10}{2}$ F.
								Yield 12 gallons a
226	Flows	Dec. 10, 1932	F,W	D,S	150	175	180	Alto Colo- minute.
						1		rado well. Casing:
						<del>!</del>		548 feet of 5-3/16-
						1		inch and 148 feet
								1
					!			of $4\frac{1}{4}$ -inch with 37
								feet perforated at
								bottom. Tempera-
						į		ture 87° F. Yield,
1				Ì				14 gallons a minute.
227	Flows	₫o∙	F	S	140	170	180	Taga well. Casing:
								596 feet of 5-3/16-
								inch, 331 feet of
								$4\frac{1}{4}$ -inch with strain-
								ers in 610, 753, am
								865 foot sands.
								Temperature 87° F.
								Yield, 15 gallons a
228	-	-	_			_	_	Oil test.   minute.
								Gypsum reported
								from 95 to 250 feet
229			<del>                                     </del>					
200		<del>-</del>	_	-	-		-	Oil test. Gypsum
072			<del> </del>	ļ				reported from 270
230	-	-	_	-	-	-	-	Oil to 430 feet.
			<u> </u>					test.
231	-	<b></b>	J,G,2	D,S	130	190	-	
1								j
232	-		-		_			Oil test.
								,
233	_		-	_				Do.
200	_	_		_	_		_	. D <b>o.</b>
S.F. A			<del></del>					-
234	-		-	-	-	-	-	Do•
		·····	ļ					
235	-	-	-	-	-		-	Do.
236	-	_	W	S	800	500	200	Loma Blanca shallow
				_		300		water well.
	<u> </u>		<del>1</del>	<u>.                                    </u>	· · · · · · · · · · · · · · · · · · ·			MCCOL MOTT.

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Records of wells in Brooks County, Texas -- Continued Principal Distance Date Depth Diam- water-bearing bed No. Owner Driller from eter Depth Thickcom- $\mathsf{of}$ ness of Falfurrias ple-|well ofto top of bed ted (ft.) well bed (ft.) (in.) (ft.) 251 4 miles 656 Zimmerman Zimmerman 1907 5-1 northwest 3/16 252 4 miles G. Weatherly do. 505 5northwest 3/16 500+ 253 2늘 miles Earl Young Chester Downs 5northwest 3/16 E. G. Maun 12 254 do. go. 1909 500+  $255 2_4$  miles J. G. Hayden do. 500+ 10 northwest 5-256 25 miles north- W. Zimmerman do. 500+ northwest 3/16 257 24 miles north-L. A. Burdett do. 1912 440+ 10 northwest 258 2 miles J. R. Strachn do. 500+ north  $259 \, l_4^2 \, \text{miles}$ Mrs. B. Myrick F. G. Sterns 1932 1.315 north 260 2½ miles 550 12 W. Stockton Elmer Rupp 1925 northwest 261 2 miles Lasater Estate Chester Downs 1906 540 5northwest 3/16 262 la miles L. L. do. 1923 497 northwest Chamberlain Jose Ramirez 263 1 mile 6--5/8 north 264 14 miles Mrs. J. N. Chester Downs 811 5-3/16 north Myrick A. B. Watts Old 265 1 mile Perry Downs 770+ 5north 3/16  $266 \, l_4^3$  miles west-Mrs. B. M. 01d 12 do. 500+ northwest McCullar 267 1 mile John Negri W. Zimmerman 1928 750 10 northwest A. A. Cosby Elmer Rupp 1926 550 10 268 do. 12 269 3 mile J. W. Story Old 700+ \_ north 270 do. do. Porter & Rupp 1932 628 8 628

Depth below   Date of top of casing   Depth below   Dept		717 4 3 3			 	та.•	13 -		narks
top of casing measurement lift and water amount of by ride ness phate phate govern as power a	•	Water level	Date of	Mothed of	IIac of	Į.			Domonba
amount of power   b/   ride   ness   phate   d/	_vO •								nemarks
Power	i	1	measurement		)	1	}		
### Box   Bo		or casing		l .	5/	ride	<b>!</b> .		
							5/	<u>u</u> /	
	251	_		<u>a</u> /	DSI	210	190	30	Casing: 300 feet of
Inch to bottoms   Inch to bottoms   Inch to bottoms   Inch to bottoms   Inch to bottoms   Inch feet strainer   Inch 200 feet of 5-5,   Inch, 200 feet of 5-5,   Inch, 200 feet d\( \frac{1}{2}\)-inch with   Inch, 200 feet d\( \frac{1}{2}\)-inch w	~UL			¥V	ע,ט,ד	210	130	50	
16 feet straine:   252							ŧ.	1	
252									·
Solution   Solution	152			1/2.	DST	220	190	75	
Inch, 200 feet	202	-	-	¥	יי, טי, ב	220	130		
253						1	1	1	
253									
Second Content of Parish Con	25G	11-0	Dec. 2 1932	TAT	DST	210	330	40	
254   11.0   Oct. 25, 1932   T   D,S,I   2no   190   20   Well had a flow when completed.	ಬರರ	11.0	1000	**	D,D,±	~10	000	1 =0	
254									
Dec. 2, 1932   W   Dec. 2, 1932   Dec. 2, 1932   W   Dec. 2, 1932   Dec. 2, 1932   W   Dec. 2, 1932   Dec. 2, 1932   W   Dec. 2, 1932   Dec. 2, 1932   W   Dec. 2, 1932	254	11-0	Oct. 23 1932	₹1-	DSI	200	190	20	
255	₩.	1110	000. 20, 1308		1,0,1	2,10	120	20	ŧ.
256	255			TAT	DST	220	180	40	when completed
257 20.0 do. W D,S 210 190 40  258 - W D,S,I 210 180 30  259 0il test.  260 - W,A,G D,S,I 210 190 60  261 - W D,S 210 180 40 Mesquite well. ported flow pri to 1907 100 gal lons a minute.  262 - H D,S 550 130 25 Very weak well.  263 13.4 Dec. 5, 1932 H D,S 900 1,000 160  264 24.2 Dec. 2, 1932 W D,S,I 180 18C 75  265 16.7 July 31, 1933 W D,S 200 190 50  266 12.0 Oct. 23, 1932 W D,S,I 220 210 40  267 14.5 Nov. 30, 1932 W D,S,I 200 200 30 Irrigates 26 ac of citrus fruit 268 - W D,S,I 200 200 40 Irrigates 15 ac	ພວວ	_		•	15,0,1	220	1 -00	1	
257 20.0 do. W D,S 210 190 40  258 - W D,S,I 210 180 30  259 0il test.  260 - W,A,G D,S,I 210 190 60  261 - W D,S 210 180 40 Mesquite well. ported flow pri to 1907 100 gal lons a minute.  262 - H D,S 550 130 25 Very weak well.  263 13.4 Dec. 5, 1932 H D,S 900 1,000 160  264 24.2 Dec. 2, 1932 W D,S,I 180 18C 75  265 16.7 July 31, 1933 W D,S 200 190 50  266 12.0 Oct. 23, 1932 W D,S,I 220 210 40  267 14.5 Nov. 30, 1932 W D,S,I 200 200 30 Irrigates 26 ac of citrus fruit 268 - W D,S,I 200 200 40 Irrigates 15 ac	256	17.2	Dec. 2. 1932	W	D.S	220	180	35	
258			,						
258	257	20.0	do.	W	D,S	210	190	40	
259 W,A,G D,S,I 210 190 60  261 W D,S 210 180 40 Mesquite well- ported flow pri to 1907 100 gal lons a minute.  262 H D,S 550 130 25 Very weak well.  263 13.4 Dec. 5, 1932 H D,S 900 1,000 160  264 24.2 Dec. 2, 1932 W D,S,I 180 18C 75  265 16.7 July 31, 1933 W D,S 200 190 50  266 12.0 Oct. 23, 1932 W D,S,I 220 210 40  267 14.5 Nov. 30, 1932 W D,S,I 200 200 30 Irrigates 26 ac of citrus fruit  268 - W D,S,I 200 200 40 Irrigates 15 ac					, , ,				
259 W,A,G D,S,I 210 190 60  261 W D,S 210 180 40 Mesquite well- ported flow pri to 1907 100 gal lons a minute.  262 H D,S 550 130 25 Very weak well.  263 13.4 Dec. 5, 1932 H D,S 900 1,000 160  264 24.2 Dec. 2, 1932 W D,S,I 180 18C 75  265 16.7 July 31, 1933 W D,S 200 190 50  266 12.0 Oct. 23, 1932 W D,S,I 220 210 40  267 14.5 Nov. 30, 1932 W D,S,I 200 200 30 Irrigates 26 ac of citrus fruit  268 - W D,S,I 200 200 40 Irrigates 15 ac	258	-		W	D,S,I	210	180	30	
260       -       -       W,A,G       D,S,I       210       190       60         261       -       -       W       D,S       210       180       40       Mesquite well. ported flow pri to 1907 100 gal lons a minute.         262       -       -       H       D,S       550       130       25       Very weak well.         263       13.4       Dec. 5, 1932       H       D,S       900       1,000       160         364       24.2       Dec. 2, 1932       W       D,S,I       180       180       75         265       16.7       July 31, 1933       W       D,S,I       220       210       40         266       12.0       Oct. 23, 1932       W       D,S,I       220       210       40         267       14.5       Nov. 30, 1932       W       D,S,I       200       200       30       Irrigates 26 ac of citrus fruit         268       -       -       W       D,S,I       200       200       40       Irrigates 15 ac									
261	259	-	_	_	-	-	_	-	Oil test.
261									
Dec. 5, 1932   H   D,S   550   130   25   Very weak well.	260	-	-	W,A,G	D,S,I	210	190	60	
Dec. 5, 1932   H   D,S   550   130   25   Very weak well.					ļ <u>.</u>			<u> </u>	
10	261	-	-	W	D,S	210	180	40	1 -
10ns a minute.   262   -		<b>.</b>			}				
262       -       -       H       D,S       550       130       25       Very weak well.         263       13.4       Dec. 5, 1932       H       D,S       900       1,000       160         264       24.2       Dec. 2, 1932       W       D,S,I       180       180       75         265       16.7       July 31, 1933       W       D,S       200       190       50         266       12.0       Oct. 23, 1932       W       D,S,I       220       210       40         267       14.5       Nov. 30, 1932       W       D,S,I       200       200       30       Irrigates 26 ac of citrus fruit         268       -       -       W       D,S,I       200       200       40       Irrigates 15 ac									*
263 13.4 Dec. 5, 1932 H D,S 900 1,000 160  264 24.2 Dec. 2, 1932 W D,S,I 180 180 75  265 16.7 July 31, 1933 W D,S 200 190 50  266 12.0 Oct. 23, 1932 W D,S,I 220 210 40  267 14.5 Nov. 30, 1932 W D,S,I 200 200 30 Irrigates 26 ac of citrus fruit 268 - W D,S,I 200 200 40 Irrigates 15 ac		<u> </u>		<b>_</b>			1	<u> </u>	1
364       24.2       Dec. 2, 1932       W       D,S,I       180       180       75         365       16.7       July 31, 1933       W       D,S       200       190       50         266       12.0       Oct. 23, 1932       W       D,S,I       220       210       40         267       14.5       Nov. 30, 1932       W       D,S,I       200       200       30       Irrigates 26 ac of citrus fruit         268       -       -       W       D,S,I       200       200       40       Irrigates 15 ac	262	-	-	H	D,S	550	130	25	Very weak well.
264       24.2       Dec. 2, 1932       W       D,S,I       180       180       75         265       16.7       July 31, 1933       W       D,S       200       190       50         266       12.0       Oct. 23, 1932       W       D,S,I       220       210       40         267       14.5       Nov. 30, 1932       W       D,S,I       200       200       30       Irrigates 26 ac of citrus fruit         268       -       -       W       D,S,I       200       200       40       Irrigates 15 ac	6.6.67	7.77 4	D-0 5 1079	TT	D. C.	1 000	12 000	7.00	
265       16.7       July 31, 1933       W       D,S       200       190       50         266       12.0       Oct. 23, 1932       W       D,S,I       220       210       40         267       14.5       Nov. 30, 1932       W       D,S,I       200       200       30       Irrigates 26 ac of citrus fruit         268       -       -       W       D,S,I       200       200       40       Irrigates 15 ac	ನರವ	10.4	Dec. 0, 1932	П	ס, ע	900	1,000	100	
265       16.7       July 31, 1933       W       D,S       200       190       50         266       12.0       Oct. 23, 1932       W       D,S,I       220       210       40         267       14.5       Nov. 30, 1932       W       D,S,I       200       200       30       Irrigates 26 ac of citrus fruit         268       -       -       W       D,S,I       200       200       40       Irrigates 15 ac	264	24.2	Dec 9 1039	747	Det	100	7.00	75	
266 12.0 Oct. 23, 1932 W D,S,I 220 210 40  267 14.5 Nov. 30, 1932 W D,S,I 200 200 30 Irrigates 26 ac of citrus fruit 268 - W D,S,I 200 200 40 Irrigates 15 ac	ಎ೮₩	24.6	Dec. 2, 1902	4 50	10,0,1	100	100	1 73	
266 12.0 Oct. 23, 1932 W D,S,I 220 210 40  267 14.5 Nov. 30, 1932 W D,S,I 200 200 30 Irrigates 26 ac of citrus fruit 268 - W D,S,I 200 200 40 Irrigates 15 ac	- <del>565</del>	16.7	July 31, 1933	TAT	DS	200	190	50	
267 14.5 Nov. 30, 1932 W D,S,I 200 200 30 Irrigates 26 ac of citrus fruit 268 - W D,S,I 200 200 40 Irrigates 15 ac	.00	1 +0.1	July 01, 1500	"	1 2,5	200	1 200		
267 14.5 Nov. 30, 1932 W D,S,I 200 200 30 Irrigates 26 ac of citrus fruit 268 - W D,S,I 200 200 40 Irrigates 15 ac	266	12.0	Oct. 23 1932	W	D.S.T	220	210	40	
268 - W D,S,I 200 200 40 Irrigates 15 ac	1300	1	0000 00, 1000		,,,,	~~~	~=0		
268 - W D,S,I 200 200 40 Irrigates 15 ac	267	14.5	Nov. 30, 1932	W	D.S.I	200	200	30	Irrigates 26 acres
268 W D,S,I 200 200 40 Irrigates 15 ac					'''				, -
	268		_	W	D.S.I	200	200	40	Irrigates 15 acres
the state of the s		 			' '				of citrus fruits.
	269	20.4	Oct. 21, 1932		N			-	Casing collapsed:
	270	18.5	do.	A,G,22	D,S,I	200	190	30	Casing: 81 feet of
8-inch and 556							1		8-inch and 556 feet
									of $4\frac{1}{4}$ -inch. 5 acres
of citrus fruit		1					1	1	of citrus fruits
		ſ	1	1	ŧ	1	•	1	perature 83° F.

	Rec	ords of wells in	-19-	Тох	- a C 0x	nt innad	ì	
	Distance from Falfurrias	Owner	Driller	Date	Depth	Diam- eter of well	Pri water-be Depth to top of bed	incipal earing bed Thick- ness of bed
271	2¼ miles west	G. Trevino	Doug McGinnis	Old	753	(in.) 12	(ft.) 734	(ft.) 19
272	do.	Oliver	Chester Downs	1915	730	5- 3/16	•	-
273	la miles west	George Frank	do.	Olđ	710	5 <u>-</u> 3/16	-	•
274	do.	Robert Adair	₫o•	-	680	10	-	-
275	l <sup>1</sup> / <sub>4</sub> miles west	C. M. Whistler	Perry Downs	1907	700	5- 3/16	,	_
276	l mile west	C. H. Hopper	Downing	-	865	1.0	_	-
277	∰ mile west	J. E. McDonald	O. S. Caldwell	01d	900	<del>†</del> 8	-	-
278	In Falfurrias	S. Guerrero		-	22	10	-	
279	do.	Lasater Estate	J. W. Brown	Old	700	5- 3/16		-
e/280	do∙	Central Power & Light Co.	Layne-Texas	1930	755	12	682	68
281	do•	do	Chester Downs	1922	749	5- 3/16		67
301	2 miles west	T. C. Jones	Groves	1907	808	8	_	-
302	do•	H. Hanson	Chester Downs	1912	700	<del> </del> 	-	-
303	$1\frac{3}{4}$ miles west	Amos Schertz	do.	1909	692	41/4	-	-
304	la miles west	J. H. Scaggs	Slackey	1905	950	44	-	-
305		do.	Elmer Rupp	1925	800	5- 3/16	•	50
306	$1\frac{1}{4}$ miles west	Doris Taylor	Slackey	Old	-	5-3/1		-
307	do.	do.	Elmer Rupp	1933	604	-	-	<del>  -</del>

		L well	Ls a	re dr	illed unle	ss other				narks
	Water level						,	eld tea		
No.	Depth below	Da	ate (	of	Method of	Use of				Remarks
	top	meas	sure	nent	lift and	water	Chlo-	Hard-	Sul-	
	of casing				amount of	<u>b</u> /	ride	ness	phate	
					power			<u>c</u> /	<u>a</u> /	
					a/			<i></i>		
271	13.3	Nov.	30	1932	W	D,S,I	220	170	40	Other sands at 590
N/ I	10.0	140**	00,	1000	Į <b>V</b>	₽,0,±	~~0	1.0	1	to 630 and 680 to
272	15.0	0.0+	O'Z	1932	W	D,S	210	210	40	707 feet.
212	13.0	060.	۵0,	1302	3 VV	۵,۵	210	210	40	1 101 1660.
085				3.000		5 2 =	610	000		T
273	11.5	Nov.	30,	1932	W	D,S,I	210	220	40	Irrigates 12 acres
					1				ļ	of citrus fruits.
		Ì								Well had a flow
							<u> </u>	ļ	ļ !	when completed.
274	19.2	July	27,	1933	W	D,S,I	250	280	100	Irrigates 1 acre of
					*					citrus fruits and
275	21.8	Nov.	30,	1932	W	D,S,I	210	210	30	garden.
			•			' '				<b></b>
276	19.6		do.		W	D,S	200	200	35	Other water sands
		ĺ	<b></b>			,,,				at 540 and 660 feet.
277	16.7		do.	<del></del>	T,E,3	D,S,I	190	180	35	Irrigates 10 acres
'>1-1	10.7		u.u.		1 1,925,5	ש,ט,ב	130	100		of citrus fruits.
- 200	C 0	G t	೧೯	7.077	<u> </u>	717	ļ	<del> </del>	<del> </del>	<u> </u>
278	6.0	Sept	. Z5,	1933	-	W	-	-	-	Water reported
									ļ	salty.
279	-		-		W	D,S	200	210	40	
280	14.0	Oct.		1932	T,E,30	P,R.R.	190	200	40	Casing: 141 feet of
	20.2	Apr.	3,	1940				ĺ	1	12-inch, 548 feet of
										8-inch with 13 foot
										lap into 12-inch
									l	and 61 feet of 8-
	Ì				1		}			inch screen.
281	15.0	Oct.	29:	1932	A,E,25	P,R.R.	190	200	50	Casing: 578 feet of
NOT	20.3	Apr.		1940	1 4,11,20	1,11,11,	1 130	200		5-3/16-inch, 188
	20.0	Apr.	υ,	1940				1		feet of $4\frac{1}{4}$ -inch and
		1								
	70.5	-	05	1000	717			000	<u> </u>	63 feet of $4\frac{1}{4}$ -inch
301	12.3	lanta	27,	1933	W	D,S,I	210	220	70	Irri- strainer.
										gates 6 acres of
					İ	}				citrus fruits.
										Stopped flowing in
302	-				A,G,-	D,S,I	220	220	40	Irrigates 1910.
		<u></u>						<u> </u>		7 acres of citrus
303	-				W	D,S,I	220	220	40	Irrigates fruits.
	1	1				1				3 acres of citrus
304	13.8	Nov.	30.	1932	W	D,S,I	210	210	30	fruits.
	_		,			( ,-		1		
305	-	1			A,G,-,W	D,S,I	212	200	<del>                                     </del>	Irrigates 22 acres
500					, , , , , , , , , , , , , , , , , , , ,	1 , , , , ,	~ ~~~	~~~		of citrus fruits.
									1	Casing: 610 feet of
								1		$5-3/16$ -inch and $4\frac{1}{4}$ -
	ļ	<del> </del>			ļ	<del> </del>	<del> </del>	1,		inch to bottom.
306	-		-		W	N	2,400	1,500	600	Water became salty
									1	in 1930 and well
					<u> </u>	<u></u>	<u> </u>			has been abandoned.
307	12.1	July	27,	1933	W	D,S,I	_	, -	-	Irrigates 17 acres
		!				1		1		of citrus fruits.
		·								

	Pon	ords of wells ir	-21-	Town	na Car	at i nu oc	1	
	Distance from Falfurrias	Owner	Driller	Date com-	Depth		Pr	incipal earing bed Thick- ness of bed (ft.)
308	l mile west	Richard Miller	Chester Downs	1933	607	8		- (10.)
309	do.	do.	Grove		662	5- 3/10		
310	를 mile west	Val Stockton	Chester Downs	1913	590	5- 3/10	*	<b>L-</b>
311	do∙	Chester Dras	do.	1926	591	8	565	25
312	do.	Frank Porter	Perry Downs		580.	5- 3/10		25
313	In Falfurrias	". G. Schutz	Chester Downs	1911	591	6- 5/8	-	
314	do.	George Spark	do.	1912	590	$4\frac{1}{4}$	_	-
315	do.	W. B. Gardner	do.	1907	590	+ 5-   3/10	_	-
316	2 miles west- southwest	H. Obervetter	Doug McGinnis	1907	812	5- 3/10	781	31
317		Lasater Estate	_	_	70	5- 3/10		-
318	$1\frac{3}{4}$ miles west- southwest	A. A. Dague	Chester Downs	-	900		-	•••
319	la miles west- southwest	E. L. Keener	do.	-	795	5- 3/1		-
320	$1\frac{1}{4}$ miles southwest	J. J. Allen	Perry Downs	1906	850	10	-	-
321	1 mile southwest	A. T. Richardson	Chester Downs	1909	811	12	-	-
322	do.	R. Baltssel	-	-	17	5- 3/1		-
323	do.	R. D. Donahoe	C. Reina	1931	25	6	<u> </u>	_
324	$1\frac{1}{4}$ miles south southwest	L. O. Atkinson	_	-	18	48	-	-
325	l miles	J. T. Maupin	Perry Downs	1907	810	5- 3/1		-
326		C. D. Fager	J. V. Brown	-	-	34		-
327	do.	Hobbs	Chester Downs	1912	610	-		-

		r wells are dr.	TITED OUTE	so oule.				ndt vo
	Water level	De+0 00	Ma+h-2 -0	IIaa af	I .	eld tes		Domonies
٠, ٦٠	Depth below	Date of	Method of					Remarks
į	top	measurement	lift and		ŧ	Hard-		
	of casing		amount of	<u>b</u> /	ride	1 .	phate	
			power			<u>c</u> /	₫/	
			<u>a</u> / W					
503	13.2	June 23, 1933	W	D,S,I	-	230	-	Irrigates 5 acres
						!		of citrus fruits.
								Casing: 85 feet of
								8-inch and 523 feet
								of $4\frac{1}{4}$ -inch with 11
309	_		W	N	200	210	30	This foot lap.
000	; ; ;		***		200	, 210		well became salty
						} •		about May 1, 1933
								and well 308 was
F77.0	7 4 7	T 1 OF 10FF	717		0.0	03.0	7.5	drilled to replace
310	14.1	July 27, 1933	W	D,S	200	210	35	<u>it.</u>
					<u> </u>	L		
311	14.2	Oct. 22, 1932	W	D,S,I	200	210	70	Irrigates 3 acres
VA				Ĺ				of citrus fruits.
312	-	-	W	D,S,I	200	180	30	Irrigates 1 acre of
						1		citrus fruits.
313	-	-	W	D,S,I	200	210	30	Casing: 20 feet of
				-,-,-			-~	$6-5/8-inch$ . $4\frac{1}{4}-inch$
								to bottom. 72 feet
								of $3\frac{1}{4}$ -inch casing
						1	-	
						i	[	inserted from sur-
	17 7	T 3 OF 1087		T ~ T	- 650	100		face to 72 feet.
314	11.3	July 27, 1933	W	D,S,I	210	1.80	30	Irrigates 1 acre of
							L	citrus fruits.
315	-		W	D,S,I	200	180	30	
				<u></u>				
:16	18.7	Dec. 1, 1932	V.	D,S,I	210	190	60	Other sands at 620
						j		to 641 and 722 to
317		_	-	N	_	_	-	Well 743 feet.
						į		plugged with stones
318	-	_	W	D,S,I	240	230	50	Irri- and iron.
			, ,	, , , , , ,				gates 2 acres of
						1		citrus fruits.
319	_		W	D,S,I	210	200	30	
OIB	_	_	¥¥	D,5,1	210	200	30	Irrigates 1 acre of
77.00			717			7.00	1	citrus fruits.
320	-		W	D,S	200	190	40	
				<u> </u>				
321	-	-	M	D,S,I	200	210	30	Irrigates 2 acres of
								citrus fruits.
322	6.4	Sept.20, 1933	H	D,S	750	800	40	
	•			İ	ļ			
323	6.9	do.	H	D,S	25	80	80	
				1		1	_	
324	13.0	Dec. 5, 1932	W	D,S	190	90	240	
∪~±	10.0	, 1000	**	, ,,,	100		1 ~ = 0	
325	3.1	Dec. 1, 1932	W	D,S,I	190	210	35	Immigrator 17 comes
SAS	0.1	Dec. 1, 130%	VV	U,0,1	T 20	210	35	Irrigates 17 acres
700		4 3000		<del></del>	67.5	055	<b></b>	of citrus fruits.
326	9.2	June 4, 1933	A,G,-,W	D,S,I	210	250	-	Irrigates 8 acres
	]			Ī	1		1	of citrus fruits and
								4 acres of vegeta-
327	_	-	J,G	D,S	-	_	-	bles.
					i			
		·						

Records of wells in Brooks County, Texas--Continued

Owner Driller Date Depth Diam-w

	Reco	ords of Metts 11	i Brooks County,	Texa	iscon	tinue		
								incipal
1.0•	Distance	Owner	Driller					earing bed
	from			com-	ł	eter	Depth	Thick-
	Falfurrias			ple-	well	of	to top	ness of
				ted	(ft.)	well	of bed	bed
						(in.)	(ft.)	(ft.)
328	l mile	Benito Vereal	Chester Downs	1931	630	-	_	-
	south							
329	2 miles west-	Segundo Garza	_	_		5-		
	southwest	J				3/16		
330	la miles	J. R. Forsyth	W. Zimmerman	1930	684	10	· -	
000	southwest	o t at a daby on	n - mailing indir	1000	001			ł
	Bodonwood							į
					1			
		35. 77.7 / / 3			100	<del> </del>	ļ	
331	do.	Mrs. Edith		-	18	5~	•	-
		Bedell				3/10		<u> </u>
332	$1\frac{1}{2}$ miles south	- J. M. Leuir		1910	750	5-		-
	southwest				l	3/1	6	
e/333	$1\frac{1}{4}$ miles	A. L. Brochet	**	-	11	36		_
<b>-</b>	south						į.	
334		Frank Salinas		_	16	4-	<del>                                     </del>	_
001	40.	Traini Sarinas				-4		
335	do.	F. C. Bevel		_	18	4-4	<del> </del>	<del> </del>
505	40.	r. O. Dever	-	_	10	74	_	_
		7.			00			
336	do.	do.		-	20	5-	•	-
				ļ		3/10	b	ļ
337	$1\frac{1}{2}$ miles	Mrs. J. S.	Perry Downs	-	9001	12	1 -	-
	south	Donahoe						
338	2 miles	Chas. Atkins	W. Zimmerman	1930	755	10	-	-
	southwest							
339	la miles	H. M. Bennett	O. S. Caldwell	1905	858	5-	_	-
	south					3/1	6	
						'	1	
340	2 miles	do.	Shrock & Rupp	1927	742	64	710	32
010	south		Jan Com of Harp		1	-4		
	500011	1			1	1		
					]			
		1		63.3	7 200		ļ	<del> </del>
341	3 miles	J. Hinnett	-	Old	1,000		3	-
	southwest					3/1	6	
342	23 miles south	- George Franks	Chester Downs	-	807	6	-	-
	southwest							
343	3 miles south	- Russell Myric	k do.	1916	640	$+ 4\frac{1}{4}$	-	-
	southwest		1		•	- 1	1	
371	24 miles north	- C. Fager	do.	<b> </b>	640	12	<del>                                     </del>	_
0,1	northeast	1		1				
779	$1\frac{1}{2}$ miles north	T N Marrials	Perry Downs	<del>    </del>	807	8	<del> </del>	
372		- J. N. Myrick	Letth Downs	-	007	°	1 -	_
	northeast			<b></b>		<del> </del>	<del></del>	
373	3 miles	Lino Trevino		_	535	5-	1	_
	northeast			ļ	<b></b>	3/1	6	<u> </u>
374	do.	T. Gonzales	-	-	-	-	-	-
								<u></u>
375	$3\frac{1}{4}$ miles	Victor Garza	-	-	_	-	-	-
	northeast			į		1	1	1
·	1		··		· · · · · · · · · · · · · · · · · · ·	_ <u></u>	······································	<del></del>

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All wells are drilled unless otherwise stated in remarks Water level Field tests Depth below Date of Method of Use of  $No \cdot$ parts per million Remarks lift and Chlo- Hard- Sultop measurement water of casing amount of b/ ride ness phate power <u>c/</u> d/a/ 328 D.S.I Irrigates 1 acre of vegetables. 329 W 1,000 400 D.S 900 330 W 220 210 D.S,I Casing: 90 feet of 10-inch and 6-5/8inch to bottom. 10 acres of citrus fruits irrigated. 331 6.2 Sept.25, 1933 N 332 do. A,G,-,W D,S,I 240 230 30 Irrigates 3 acres of citrus fruits: 12 acres of citrus fruits not irri-Sept.20, 1933 Η 200 gated. 333 4.1 1,900 1,400 6.1 H 975 334 do. S.I 320 300 335 5.5 Sept.19, 1933 H D 336 9.8 Dec. 5, 1932 H D.S 430 320 800 337 9.6 do. W D,S 172 190 Well had a flow when completed. W 338 D,S,I 200 210 Irrigates 3 acres of citrus fruits. 339 6.3 July 22, 1933 D,S,I W 170 200 Irrigates 1 acre of citrus fruits. Well had a flow until 340 4.0 Dec. 6, 1932 W D,S,I 155 170 50 Irrigates 1937. 4½ acres of citrus fruits. Casing: 42 feet of  $6\frac{1}{4}$ -inch swedged to 667 feet of  $4\frac{1}{4}$ -inch. 341 W 180 170 Well had a strong D,S 60 flow when completed. 0.5 Oct. 23, 1932 210 342 W D.S 150 65 343 Flows Oct. 22, 1932 F D,S 210 180 80 Temperature 82° F. 371 W D,S,I 210 190 40 32.1 2, 1932 W 210 70 372 D.S.I 180 Dec. 21, 1932 373 25. W S 2,800 1,400 120 374 45.0 W D,S Aug. 4, 1933 375 20.1 W D,S do.

Records of wells in Brooks County, Texas--Continued Principal No. Distance Owner Driller Date Depth Diam- water-bearing bed from com- of eter Depth Thick-Falfurrias of ple-well to top ness of (ft.) |well of bed ted bed (ft.) (in.) (ft.) 376 35 miles northeast 377 34 miles Longoria northeast378 4 miles east-Esperon Lada 4분 northeast  $379 \, 5\frac{3}{4}$  miles east-Chester Downs W. G. Schutz 640 5northeast 3/16 C. Hobbs 380 1 mile north-Tamez 5-1 northeast 3/16 381  $1\frac{1}{2}$  miles R. B. Klump Porter & Rupp 1929 670 620 50 northeast do. D. Hinojosa 28 5 382 \_ 383 J. P. Hinojosa do. 500+ J. W. Chandler Chester Downs 384 1½ miles 10 600+ northeast 385 1 mile east-Ed Rachal 697 5do. northeast 3/16 386 do. Thomas Wilson do. 550+ 10 387 14 miles east-John C. Thomas do. 555+ 10 northeast Mrs. J. P.  $388 \, l_{\overline{2}}^{\frac{1}{2}}$  miles east-1910 540+ 10 do. northeast Yeager do. H. M. Taylor Porter & Rupp 1929 689 10 389 390 In Falfurrias S.A.& A.P. Downing 810 5-7/8 R.R. 391 등 mile east-Larry Miller J. W. Brown 1906 1,020 20 650 northeast 690 40 20 760 392 <sup>3</sup> mile Chester Downs 580 5-816 40 W. G. Agnew 3/16 east 393 1 mile T. R. Bennett 1929 580 do. east H. E. Sanders 10 394 le miles 700+ east J. W. Brown 595 5do. 395 do. 3/16

		l wells are dr	rited nute:	ss othe.				narks
	Water level					eld te		,
No•	Depth belew	Date of	Method of	Use of	parts	per m	illion	Remarks
	top	measurement	lift and	water	Chlo-	Hard-	Sul-	
	of casing		amount of	<u>b</u> /	ride	ness	phate	
			power	2		<u>c</u> /	₫/	
			· · ·		-	" ≥/	<i>≟</i> /	
ane			a/ W	<del></del>		-		
376	-	-	W	D,S	-	-	-	
			·					
37 <b>7</b>	15.4	Aug. 4, 1933	W	D,S	-	-		
			ļ					
378	-	-	W	D,S	210	220	-	
				1				
379	17.4	Dec. 8, 1932	H	D,S	190	180	100	
013	T. 1 * T	Dec. 0, 1302	1 11	1,0	130	100	100	
700					0.7.5			
380	-	-	W	D,S	210	210	35	
381	20.8	Dec. 6, 1932	W	D,S,I	190	170	30	Casing: 60 feet of
		·				Ì		10-inch and 565 feet
			<u> </u>					of 5-3/16-inch.
382	20.3	do.		N				01 0-0/10-1Holiv
موں	20.5	uo.	_	1/1	_	-	-	
383	43.0	Oct. 25, 1932	W	D,S	2,900	1,600	250	Casing collapsed
				•				and well is plugged
384	-	-	W	D,S	370	380	70	at 95 feet.
				,			, ,	
385		_	W	D,S	2,000	1 200	200	Water became
UGU	_		VV	ν,5	₽,000	1,200	200	1
								"salty" in 1931.
386	-		W	D,S,I	210	230	45	Irrigates 5 acres
								of citrus fruits.
387	-	-	W	D,S	220	180	30	
				,			_	
388			W	D,S	2,400	7 600	160	
000	, , ,		"	2,0	2,400	1,000	100	
389			m m ml	DOT	180	3.00	กร	T-migates 10 sense
203	_	_	T,E,7₺	D,S,I	100	180	ຂວ	Irrigates 10 acres
								of citrus fruits
								and 20 acres of
								vegetables.
390	11.5	Oct. 25, 1932	-	N	195	-	-	Reported flow, prior
		, ´						to 1907; 150 gallons
								a minute. 1
701			W	P	3.00	100	A 6	
391	_	-	٧V	P	160	190	45	Reported flow, prior.
								to 1907; 80 gallen:
								a minute. f/
392	10.8	Oct. 25, 1932	_	N	-	-	-	
393		Nov. 29, 1932	J,G,6	D,S,I	178	190	50	Irrigates 5 acres
010		2,0,0	0,0,0	,,,,	1,0	1 200	•	of citrus fruits
				1				
								and 5 acres of
								vegetables. Casing:
								80 feet of 8-inch,
								400 feet of $4\frac{1}{4}$ -inch
								and 113 feet of $3\frac{1}{4}$
								inch with last 20
								feet perforated.
								Yield, 57 gallons a
394	-		M	N	-		-	minute.
395	-	-	W	D,S	180	190	20	
				,			3	
						<u> </u>		L

	Rec	ords of wells in	-27-	Тах	3	ıtinue	a	
Nc•	Distance from Falfurrias	Owner	Driller	Date com-	Depth of well		Pr	incipal earing bes Thick- ness of bed (ft.)
396	$1\frac{2}{4}$ miles east	A. W. Dale	Chester Downs	1926	720	12		
397	2½ miles east	do.	ette.	_	520	5 <b>-</b> 3/1		-
398	$2\frac{3}{4}$ miles	J. L. Garza	Chester Downs	_	580	10	_	###
399	4 miles east	J. B. Dekle	Porter & Rupp	1930	505	8	478	27
400	do•	Robert Blumer	Elmer Rupp	1930	515	8	480	
401	$4\frac{1}{2}$ miles	0. B. Fort	Chester Downs	<del>-</del>	518	8		
402	do.	G. D. Waterwall	Porter & Rupp	1932	606	8	596	
403	5 miles east	Criswell	Chester Downs	<b>,</b>	480	5- 3/1	,	-
404	do.	D. J. Gross	do•	1914	608		-	
405	do•	A. Rupp	Elmer Rupp	1923	612	5 <b>-</b> 3/1	!	
406	$\frac{5\frac{1}{2}}{2}$ miles east	C. K. Russell	Chester Downs	1909	500	5- 3/1		
407	$2\frac{1}{4}$ miles northeast	d-ver		-	-	36		-
451	½ mile east+ southeast	T. S. Proctor	Perry Downs	Old	562	4 <u>4</u>		
452	la miles east	K. B. Rosene	Elmer Rupp	1925	717	12	big	-
453	$1\frac{1}{2}$ miles east-southeast	Lillian Helms	J. D. Helms	1932	25	6	-	
454	do.	J. D. Helms	do•	1932	25	3	-	
455	do.	F. L. Vickery	J. W. Brown	Olđ	700	8 <u>1</u>	-	

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	Water level	I werry are ar	itted unie	SS OOTE				lar ks
No•		T-4	Mathan a			eld te		<b>.</b>
140 •	Depth below		Method of					Remarks
	top	measurement	life and	water		Hard-	ł	
	of casing		amount of	<b>b</b> /	ride	ness	phate	
			power			<u>c</u> /	₫/	
			<u>a</u> /				_	
396	-	-	W	D,S,I	1,000	500	80	Irrigates 3 acres
					'			of citrus fruits,
			į					Casing: 80 feet of
								12-inch, 5-3/16-
								inch to top of sand
							l	and 4\frac{1}{4}-inch through
397	16.6	Dec. 7, 1932	W	N	170		<del> </del>	sand.
051	10.0	Dec. 1, 1305	**	14	170	_	-	Saint.
398			W	ner	180	150	70	Irrigates 1 acre of
230	_	-	YV	D,S,I	100	130	30	
700	75.0	D = # 1000	717	15 A T	300	150	70	citrus fruits.
399	15.8	Dec. 7, 1932	W	D,S,I	190	150	30	Irrigates 10 acres
								of citrus fruits.
								Casing: 65 feet of
			1				1	8-inch swedged to
			<u> </u>		<u> </u>			412 feet of 4-inch.
400	20.3	Dec. 8, 1932	W	N	-	-	-	Casing: 62 feet of
					l		İ	8-inch swedged to
								418 feet of 4-inch.
401	19.5	do.	W	D,S,I	200	210	35	Irrigates 13 acres
								of citrus fruits.
102	14.9	Aug. 8, 1933	W	D,S,I	190	200	50	Irrigates 2 acres
		, , ,		-,~,-		""		of citrus fruits.
								Casing: 80 feet of
				1		1	Ì	8-inch, 523 feet of
403	15.6	Dec. 8, 1932	H	N	220	<del> </del>	20	5-3/16-inch.
400	10.0	Dec. 0, 1502	11	14	200	-	20	3-3/10-Inch.
404			W	D,S,I	200	220	200	
#U#	_	-	24	ד, ט, ע	200	a a c	200	
405	19.1	0.4 01 1070	117	DOT	350	700	100	
405	19.1	Oct. 21, 1932	W	D,S,I	152	170	100	Irrigates 5 acres
					]		1	of citrus fruits
							İ	and 5 acres of
	<u> </u>			<u> </u>				vegetables.
406	14.1	Dec. 8, 1932	W	D,S,I	190	160	60	Irrigates 5 acres
								of citrus fruits.
407	19.0	Dec. 2, 1932	_	N	40	170	3	Dug well.
						1		
451	9.7	Aug. 10, 1933	W	D,S	200	220	50	Reported flow,
					l			prior to 1907, 250
	1							gallons a minute.f/
452			W	D,S,I	180	180	40	Irrigates 14 acres
			1	,~,-	1	1		of citrus fruits.
								Casing: 80 feet of
		1				1	1	
	1							12-inch, 60 feet of
	at a second					1	1	8-inch and 5-3/16-
15-	10.5	No. 00 1000	<del> </del>	+-;	<del>                                     </del>	<del> </del>	<del> </del>	inch to bottom.
453	19.3	Nov. 28, 1932	-	N	390	45	90	
4			<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	
454	-	-	Н	I	390	80	65	Temperature 77° F.
		<u> </u>	<u> </u>	<u> </u>	Ļ	ļ	<u> </u>	
455	19.0	Nov. 28, 1932	W	S	2,200	1,600	140	Water from this well
					1			reported to have
	•		1		1	1	1	killed fig trees and
		1	1	<u></u>	1		1	garden vegetables.
~~				<del></del>				

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	Rec	ords of wells i	n Brooks County	, Texa	asCor	tinuec	<u> </u>	
							1	incipal
No•	Distance	Owner	Driller					earing bed
	from			com-	1		Depth	Thick-
	Falfurrias				well		to top	ness of
				ted	(ft.)	1	of bed	
456	2 miles east-	P. Garza				(in.)	(ft.)	(ft.)
<del>-</del> ±00	southeast	1. Garza	_	-	_	$4\frac{1}{4}$	_	-
457	24 miles east-	Chris Walters	M. Martinez	Old	548	10		
	southeast			0.14		_~	•	·
458	$2\frac{1}{2}$ miles east-	do.	Chris Walters	1931	15	$4\frac{1}{4}$		
	southeast				ĺ	**		
459	do.	G. Trevino	Perry Downs	•=	_	41/2	-	***
						-		
460	$2\frac{1}{2}$ miles	P. Mangel	Chester Downs		580+			-
	east					3/16	ò	
461	4 miles east-	John Nassiff	do.	1924	660	5		-
	southeast					3/16	5	
	<u> </u>							
462	4 miles	-	do.	-	500±	·	-	-
100	east 4½ miles	Juan Garza	do.		<b>5</b> 18	1	ļ	
463	) ~	Juan Garza	ao.	-	218	41	-	_
464	east do.	Miss S. B.	do.		480	5-	<b></b>	
404	uo.	Trent	uo.	-	400	3/16	_	_
465	$4\frac{1}{4}$ miles	Davis		1911		5-		
100	east	24.12				3/16		
466	$4\frac{3}{4}$ miles	J. G. Halton	Bird	1913	484	6-		-
	east					5/8	1 .	
467	5 miles	Flowella	Chester Downs	1907	640	5-	-	•
U	east	Townsite				3/16	5	
468	₫o•	A. A. Cosby	do.	***	480	42	-	-
		£-	1					
		F					1	
469	do.	S. D. Sanders	do.		640	12		
					1			
470	5∉ miles	East Ward	Elmer Rupp	-	478	5-		
	east	School				3/16	5	
					<u> </u>			
177	6 miles	J. H. Loving	Porter & Rupp	1928	621	12	541	80
4/1	east	a. II. DOATIE	Tor der a mapp	1350	021	12	041	50
					1		•	
					1	1		
								With A Principals .
						<u> </u>	<u></u>	
472	do.	Kessler	-	1912	600	_	-	-
			<u></u>			3/16	3	

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		<u>l wells are dr</u>	illed unle	ss othe				narks
	Water level	Water level Field tests						
10.	Depth below	Date of	Method of	Use of	parts	per m	illion	Remarks
	top	measurement	lift and	water		Hard-		
	of casing	• • • • • • • • • • • • • • • • • • • •	amount of	• ,	ride	;	phate	
	or ogbing		power	2	1240		₫/	
			a/			<u> </u>	₩/	
456			W,H	S	180	150	30	
400	-	-	W,A	ت	100	130	30	
458	65.3	37 (70. 3.000			10 000	57 000		
457	27.1	Nov. 30, 1932	-	N	12,000	3,000	800	Water became salty
		<del></del>						in 1930.
458		-	M	S	<b>7</b> 0	70	90	Well located in
								"sink".
459	12.2	Nov. 30, 1932	Н	S	1,200	700	200	
460	19.3	Dec. 7, 1932	W	D,S,I	170	140	30	Irrigates 1 acre of
			1	, ,				citrus fruits.
461	4.5	Dec. 21, 1932	W	D,S,I	180	140	25	Casing: 175 feet of
		2001	"	2,0,1				$5-3/16$ -inch and $4\frac{1}{4}$ -
			1					inch to bottom.
462			l w	S	3.00	200	40	High 60 poc som.
402		-	l W	٥	170	200	40	
		<del></del>	ļ					
463	-	-	W	D,S,I	200	120	30	Irrigates 1 acre of
								citrus fruits.
464	17.5	Dec. 8, 1932	W	D,S	200	170	30	
465	-	-	H	D,S	170	160	60	
				,				
466	18.2	Mar. 24, 1933	W	D,S	3 500	1,700	800	
-00	1012		1 "	,,,,	0,000	1,,,,,,,	300	
467	10.2	Dec. 9, 1932	W	D,S	170	130	40	Well had a flow
"±01	10.2	2000 3, 1302	"	D,0	170	100	=0	wher completed.
4.00	<u> </u>		ļ	D C T	700	740		
468	_	-	W	D,S,I	300	340	00	Irrigates E acres
								of citrus fruits.
								Well formerly salty,
						Ì		repaired by rotating
								100 feet of 6-inch
								casing over $4\frac{1}{4}$ -inch
								and cementing be-
469	23.5	Dec. 8, 1932	Н	N	190			tween.
200		3, 200.		-				
470	15.8	do.	W	P	200	200	45	Casing: 40 feet of
±10	10.0	40.	1	+	200	200	=3	$5-3/16$ -inch and $3\frac{1}{5}$ -
						<b>!</b>		inch to bottom.
				ĺ				Water became salty.
								Well repaired by
						1	}	rotating 70 feet of
			1				1	$6\frac{1}{4}$ -inch over 5-3/16-
			1					inch and cementing
471	10.0	May 30, 1933	C,G,-,W	D,S I	145	210	_	Irrigates between.
_ · ••			1 , , , , , , , , , , , , , , , , , , ,	"				4 acres of citrus
						İ	1	fruits. Casing: 65
			1				1	
			1			1		feet of 12-inch
				1				lapped over 480 feet
						İ		of $5-3/16$ -inch set
			<u> </u>	<u> </u>		<b></b>		at top of sand.
172	15.8	Geb. 1, 1933	W	D,S	170	160	-	·

	ne c	cords of wells	in Brooks Count	у, <u>ге</u> .	10.50(	) II O I II U G		incipal
To•	Distance from Falfurrias	Owner	Driller	com-	of well		water-be Depth to top of bed	Thick- ness of bed (ft.)
473	$5\frac{1}{2}$ miles east	C. H. Rupp	Elmer Rupp	-	720	5- 3/16	_	-
474	do.	A. Rupp	Chester Downs	1910	472	5- 3/16		_
475	do.	do•	Porter & Rupp	1927	603	5- 3/10		33
476	lঠ miles southeast	Russell Myrick	Perry Downs	1907	856	9 <b>-</b> 5/8	650 690 760	20 40 20
477	do.	J. Land	do.	Old	700	8	-	<del>  -</del>
478	2 miles east- southeast	F. Gonzales	Chester Downs	-	600	+	<u> </u>	_
479	2½ miles east- southeast	B. W. Wise	do.	1929	587	8	-	-
490	2 miles southeast	Robert Blumer	-	-	664	81/4		
481	2 miles south	S. R. Boykin	Chester Downs	-	720	+ 10	-	-
482	$2\frac{1}{2}$ miles south-	- T. S. Proctor	Perry Downs	1909	846	5- 3/1		<b>-</b> 46
483	3 miles south	Percy Hunter	Chester Downs	1922	796	122	749	38
484	do.	do∙	do.	1922	800	+ 12 <u>1</u>	-	-
485	$3\frac{1}{4}$ miles south	do.	do•	1922	803	12½	765	38
486	do.	do.	do.	1922	790	12½	730	60
487	3 miles southeast	Ysidro Villareal	do.	-	640	6- 5/8		-

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		l wells are dr	illed unle	ss other				narks
	Water level	,				eld tes		
No•	Depth below	Date of	Method of					Remarks
	top	measurement	lift and	water	Chlo-	Hard-	Sul-	
	of casing	;	amount of	<u>b</u> /	ride	ness	phate	
			power	_		<u>c</u> /	₫/	
			a/					
473		-	A,G,-,W	D,S,I	140	180	100	Irrigates 15 acres
			, -, ,	[-,-,-				of citrus fruits.
								Casing: 500 feet of
								5-3/16-inch and 220
								feet of $4\frac{1}{4}$ -inch set
457.4	300	61 1076	7/2	TO 60 T	3.00	7.40		at top of sand.
474	19.0	Oct. 21, 1932	M	D,S,I	160	140	50	Reported water
					1	<u> </u>		level in 1910 as 4
						ļ	ļ	feet below ground
475	-	-	A,G,20	D,S,I	345	_	-	Irrigates 9 level.
								acres of citrus
								fruits. Casing: 570
								feet of 5-3/16-inch.
476	-	-	A,G,25	D,S,I	182	190	70	Irrigates 40 acres
	•							of citrus fruits.
								Casing: 407 feet of
								9-5/8-inch, 249 feet
							}	of $8\frac{1}{4}$ -inch and 147
				1				feet of 5-3/16-inch.
477	18.0	Nov. 28, 1932	W	D,S,I	170	180	40	Irrigates 1 acre of
<b>T</b> 1 1	10.0	1000 50, 1505	**	10,0,1	1 110	1 200	1	vegetables.
478	ļ		W	D,S,I	180	150	66	vegerantes.
478	-	_	¥V	D,5,1	190	130	00	
479	<u> </u>	<del></del>	W	T. C. T.	170	150	70	Carina CO foot of
479	_	_	W	D,S,I	170	130	30	Casing: 80 feet of
4.00	67.0	W 70 3070	717	3.7	<b></b>	ļ	ļ	8-inch and $4\frac{1}{4}$ -inch
480	21.0	Nov. 30, 1932	W	N	-	-	-	Pump to bottom.
			İ				-	broken, water re-
							<u> </u>	ported very salty.
481	4.7	July 27, 1933	W	D,S,I	170	200	25	
					<u> </u>			
482	8.4	Apr. 25, 1933	W	D,S	170	190	-	Casing: 587 feet of
							1	5-3/16-inch and 269
			]		<u> </u>			feet of 41-inch.
483	-	-	W	D,S,I	150	170	35	Casing: 22 feet of
								$2\frac{1}{2}$ -inch, 627 feet of
								5-3/16-inch and 155
				1				feet of 41-inch.
484	1.8	Dec. 6, 1932	W	I	150	150	30	Well had a flow of
		, 200		-				35 gallons a minute
485		do.	F,W	I	170	200	30	Casing: in 1933.
±0 <b>0</b>			, **	1 -	1 -70	1 200	1	22 feet of $12\frac{1}{5}$ -inch,
						į		600 feet of 5-3/16-
					1			inch, 180 feet of
							1	$4\frac{1}{4}$ -inch and 100 feet
								of $3\frac{1}{4}$ -inch with bot-
				1	1	1		tom 40 feet perfo-
		<u> </u>			<u> </u>		<u></u>	rated. Temperature
486	_	-	_	N	-	-	-	Windmill 84° F.
						1		broken, well par-
							1	tially plugged.
487	24.5	Dec. 21, 1932	W	D,S	180	160	50	Casing: 80 feet of
				1	1			$6-5/8$ -inch and $4\frac{1}{4}$ -
		1		1	1	i		inch to bottom.
		J	<del></del>	<del></del>	.1	<del> </del>		

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	•••		-33-	-	_		_	
	Rec	ords of wells i	n Brooks County	'l'exa	asCor	tinue		
		_		-			1	rcipal
No.	Distance	Owner	Driller					e rice bed
	from			com-	1	eter	Depth	Trick-
	Falfurrias			-	well	of	to top	ness of
				ted	(ft.)	well	of bed	bed
						(in.)	(ft.)	(ft.)
488	$3\frac{1}{4}$ miles east-southeast	L. Villareal	Chester Downs	01d	500	- T	-	-
489	33 miles east-	John Riley	do.		540	8		
100	southeast	0 01111 111100	40.					
490	do.	O. J. Horsman	Perry Downs	1915	530	8	-	
100	1	O O O IIOZDINGII	1011 J DOWND	2020			ŕ	
491	4 miles east-	G. H. Cline	W. Zimmerman	1928	560	10	_	
£31	southeast	d. II. Ollie	* * Climmerman	1320	000	1 10	_	_
402	$4\frac{1}{4}$ miles east-	Kurth		1929	528	12		
436		Varon	-	1363	JAO	12	<b>-</b>	_
4.07	southeast	Kizer et al	TT	1.000	570		ļ	<del></del>
493	do.	Kizer et al	W. Zimmerman	1929	530	6	-	-
~~~			7. 7.	1000				
494	do.	Robert Blumer	0. M. Boone	1929	515	6	-	_
							Ì	
						<u> </u>		
495	42 miles east-	Kurth	W. Zimmerman	1929	630	8	-	-
	southeast							
496	₫o.	₫o.	do∙	1929	630	10	_	_
497	₫o∙	do∙	do.	1929	660	10	_	-
								ł
498	4 miles east-	Robert Blumer	O. M. Boone	1929	535	6-	-	
	scutheast				1	5/8		
499	5 miles east-	đo.	Perry Downs	1910	640	6-		
	southeast		J = 1, 2 J = 1			5/8		
500	do.	Mrs. M. E.	V. Zimmerman	1927	485	5-		
000	1	Myers	· · ammorman	1021	100	3/16	•	
501	do.	Robert Blumer	_	1929	60	3	<del></del>	
501	u	1 10001 0 Didnor	_	1000	1		_	
502	do.	do.	W. Zimmerman	1929	515	6-	<del> </del>	
502	40.	40.	W. Zimmerman	1323	313	5/8	-	_
						3/0	-	
	<u> </u>		<u> </u>	3.005		<del>  10</del>	550	75
503	5½ miles east-	J. F. Dawson	Chester Downs	1925	607	10	572	35
	southeast	1						
							Ì	
							1	
		<u> </u>			<u> </u>			
504	do.	N. B. Rupp	đó.	1920	488	8	-	-
							1	
							1	
						1		
				1		1	1	
				1		1		
505	6 miles east-	₫o.	Porter & Rupp	1928	621	67	578	43+
550	southeast			5		1 -4		
506	64 miles east-	Nicolas	***	1912	500-	6-		
000	southeast	Narvaez			""	5/8	1	
e/507	6 miles east-	Elmer Rupp	Elmer Rupp	1924	499	8	469	30
9/307	•	mimer wohh	Truet vabb	1064	1 200	1	100	1
	southeast				1			
		1	By and a second					
				į	1			1
				1	1			
	1	<u> </u>	L	1	<u> </u>	1	<u>L</u>	<u> </u>

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		l wells are dr	illed unle	ss othe	narks			
NT.	Water level	D ±= . A	35_41- 3 ^	77 - ~		eld tes		
Nc•	Depth below	ł	Method of					Remarks
	top	measurement	lift and	water	ī	Hard-		
	of casing		amount of		ride	ness	phate	
			power a/				₫/	
488	-		W	D,S	170	<b>15</b> 0	45	
489	11.6	Dec. 21, 1932	W	D,S,I	160	160	30	
490	12.6	Dec. 10, 1932	W	D,S,I	150	140	<b>6</b> 0	Irrigates 10 acres of citrus fruits.
491	10.0	Dec. 21, 1932	N,	D,S,I	170	150	40	
492	18•1	do.	W	D,S,I	380	400	30	Irrigates 5 acres of citrus fruits.
493	8.3	do.	W	D,S,I	170	140	35	Casing: 60 feet of 6-inch and 44-inch
494	7.5	do.	W	D,S,I	160	140	45	Casing: to bottom. 60 feet of 6-inch
495	6.6	Dec. 9, 1932	<u>-</u>	N	160	-	-	and 4½-inch to bottom.
496	10.5	do.	W	D,S,I	150	130	60	Irrigates 5 acres
497	-	***	M	D,S,I	150	130	45	of citrus fruits. Irrigates 10 acres
498	8.2	Dec. 21, 1932	H	D,S	150	130	45	of citrus fruits.
499	<b>944</b>	Prod.	W	D,S,I	140	130	60	Irrigates 2 acres
500		<del>-</del>	A,G,W	D,S,I	140	140	30	of citrus fruits. Irrigates 11 acres
501	-		-	N	-	<del>  -</del>	-	of citrus fruits. Shallow salt water
502	18.4	Dec. 21, 1932	W	D.S,I	150	140	25	well. Casing: 60 feet of
<del></del>								$6-5/8$ -inches and $4\frac{1}{4}$ -inch to bottom.
503	6.5	July 29, 1933	W	D,S,I	150	150	40	Casing: 99 feet of 10-inch, 477 feet of 5-3/16-inch and 60 feet of $4\frac{1}{4}$ -inch with bottom 40 feet per-
504	21.8	Oct. 21, 1932	A,G,25	D,S,I	135	130	50	Irrigates forated. 40 acres of citrus fruits and 50 acres of truck. Casing: 80 feet of 8-inch and 6-inch to bottom
505	20.0	do.		N	_	-		Casing: 578 feet of $6\frac{1}{4}$ -inch set at top
506	19.0	Feb. 1, 1933	W	D,S	150	130	-	of sand.
507	28.5	Dec. 8, 1932	W	D,S,I	130	140	60	Irrigates 2 acres of citrus fruits. Casing: 60 feet of 8-inch, 5-3/16-inch to bottom with last 30 feet perforated.

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	Rec	ords of wells in	Brooks County	, Texa	asCon	tinue	i	
							Pr	incipal
No.	Distance	Owner	Driller					earing bed
	from			com-		eter	Depth	Thick-
	Falfurrias			. –	well	of	to top	ness of
				ted	(ft.)	1. 1	of bed	bed (ft.)
508	6 miles east-	E. Alaniz	Chester Downs	-	500+	(in.)	(ft.)	(16.)
500	southeast	n. Ataniz	Onegoer Downs	_	300 <u>·</u>	ī		_
551	8 miles	D. J. Sullivan	Schrock & Rupp	1927	565	4点		_
302	east		D THE COLD IN MINISTER			-4		
552	$8\frac{1}{4}$ miles	do.	Porter & Rupp	1930	640	5-	640	
	east					3/1	6	
							•	
							ļ	
553	$9\frac{1}{4}$ miles	do.	Elmer Rupp	1932	519	4	519	-
	east				2.5.5	<u> </u>		
554	8½ miles	do.	Perry Downs	014	600	4글	-	_
	east	7 -	Oak a D	7.000		4.1	ļ	
555	$6\frac{1}{4}$ miles	do.	Schrock & Rupp	1928	-	4-4	-	_
EE C	east 8 miles	do.	J. W. Brown	1916	6004	5-	ļ	
226	east	uo.	J. W. Brown	Tare	600+	3/1		_
557	8½ miles east-	do.	Porter & Rupp	1928	919	4분		164
557	southeast	40.	TOTOEL & Rapp	1360	313	1 4	UT.	101
	Boatineabo					ļ		-
				l				
						l		
						•		
558	7층 miles east-	D. J. Sullivan	Porter & Rupp	1932	540	5-		
	southeast					3/1		
559	$8\frac{1}{2}$ miles east-	do.	Oil Company	Old	630	5-	_	-
	southeast					3/1		
			<b>[</b>					
						<u> </u>		
560	do.	do.	do.	01d	630	5~	•	-
_ ,						3/1	6	
561	92 miles east-	do.	Porter & Rupp	1930	671	5-		45
	southeast					3/1	6	
		<u> </u>	<u> </u>	01.7	1 005			<b></b>
562	8 miles	do.	Perry Downs	Old	1,007	5-	•	_
5.05	southeast	3 -	70 - 4 - 0 T)	1070	F40	3/1		
563	do.	do.	Porter & Rupp	1930	540	5-		-
ECA	10 miles	do.	do.	1930	580	3/1 5-		
204	southeast	1 40.	40•	1300	300	3/1		"
	Sou oneas o	-				"	Ĭ	
565	10½ miles	do.	Hubble	1905	625	8	-	+
500	southeast	407			020			
566	ll miles	do			<del> </del>	5-	<del>                                     </del>	
000	southeast					3/1	-	
567	10 miles	do.		_	-	5-		<del>  -</del>
	southeast					3/1	,	
568	11 miles south	do.	-	1908	-	7	-	-
	southeast							
	<del></del>				<del> </del>			

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		l wells	are dr	illed unle	ss other				marks		
	Water level										
No•	Depth below	Date	e of	Method of	Use of	parts	per m	illion			
	top	measu:	rement	lift and	water	Chlo-	Hard-	Sul-			
	of casing			amount of	b/	ride	ness	phate			
				power	رت ا	1 - 2 4 5	c/	<u>d</u> /			
				a/			<u>~</u>	<u> </u>			
508	13.3	Dec.	3, 1932		D,S,I	130	150	60			
500	10.0	Dec.	J, 1900	A.A.	ש,ט,ג	130	130	00			
E 6 7		Man O	0 3 000	767		7.60	3.00	ļ	G		
551	1.0	Mar. Z	2, 1933	W.	S	160	180	-	Cuchia well.		
552	10.0	d	0.	W	S	130	200	-	New Martes well.		
		•			•				Casing: 640 feet of		
				1	1		1	1	5-3/16-inch set at		
				1			1		top of second sand.		
							•		Old Martes well		
					]				700 teet deep, now		
553	23.4	<u> </u>	0.	W	S	130	130	<del>                                     </del>	abandoned.		
000	50.1	"	•	***		100	1		abandoned.		
554	100	a		W	<u> </u>	3.40	1.00		Tule Pens well.		
554	12.0	L u	0.	Į VV	D,S	140	160	-	Tute Pens Well.		
555	20.0	d d	0.	M	D,S	140	160	-	Rancho Nuevo well.		
								<u> </u>			
556	Flows	d	0.	F	S	180	230	~ 🚣	Sulphur well.		
									Temperature 85° F.		
557	3.7	d	0.	W	S	110	130	_	Rodero well. Cas-		
									ing: 347 feet of		
		ļ		•					$4\frac{1}{4}$ -inch swedged to		
	Ì							1			
									510 feet of $3\frac{1}{2}$ -inch.		
				Ì		1			Well produced bitter		
									sulphur water. Set		
	•								packer at 700 feet		
									and shot casing		
558	9.5	Mar. 2	3, 1933	W	S	95	160		Pilon well. above.		
						1		1			
559	10.5	d	٥.	W	S	100	180	<b>†</b>	Tule Twins, two		
		İ				1			wells, one not used		
		1							Reported flow prior		
					}				to 1907 of, 300 and		
	,										
560	11.0	3	0.	-	N			<del> </del>	400 gallons a min-		
500	11.0	u u	U •	_	1.4	_	-	_	ute. f/		
~ 03	7 7		· · · · · · · · · · · · · · · · · · ·	7/7		100	170	<del> </del>			
561	3.7	a	0•	W	S	100	130	_	Marana well. Cas-		
									ing: 626 feet of		
		<u></u>				<u> </u>		<u> </u>	5-3/16-inch set at		
562	22.8	Mar. 2	2, 1933	W	D,S	120	170	-	Mari- top of sand.		
						1			posa Ranch well.		
563	20.0	d	0.	W	D.S	100	180	-	Do.		
		•				1					
564	12.7	Mar. 2	3, 1933	W	S	120	160	_	Toro well. Casing:		
			-,				1 -00		579 feet of 5-3/16-		
		•							inch set at top of		
565	13.6		^	W	S	110	120	<del> </del>			
969	13.0	a	0•	į vv	D D	110	1.50	1 -	Cara- water sand.		
				<del> </del>	<del> </del>				mayola well.		
566	8.8	d d	0.	1,h	S	90	150	-	Monterey well.		
			<del></del>	ļ		ļ		1			
567	14.1	d	0.	M	S	190	200	-	Sorio well.		
								L			
568	10.7	d	0•	W	S	200	260	-	Cabras Negras well.		
	į	į		1				1			
	·	<del> </del>		<del> </del>	<del></del>		<u></u>	<u> </u>	<del></del>		

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Records of wells in Brooks County, Texas--Continued Principal Mo. Distance Owner Driller Date Depth Diam- water-bearing bed of eter Depth Thickfrom comness of Falfurrias ple- |well ofto top of bed ted (ft.) well bed (in.) (ft.) (ft.) 569 13 miles D. J. Sullivan J. W. Brown 1908 700+ southeast 570 12 miles do. 44 southeast 571 13 miles 1931 587 5--539 48 do. Porter & Rupp 3/16 southeast L. L. 453 601 9 miles east-Chester Downs 1913 5-3/16 southeast Chamberlain  $602 9\frac{1}{4}$  miles east-W. J. Porter & Rupp 1925 613 5-573 40 southeast Chamberlain 3/16 603 9 miles east-Stokes 700+ southeast 604 10 miles Mrs. J. F. Zimmerman 1909 697 5-southeast 3/16 Dawson Bros. 44 611 8층 miles Scott & Hopper 600+ \_ south J. W. Freeman 612 9층 miles Rupp 1925 465 4south e/613  $8\frac{1}{2}$  miles J. A. Brooks Perry Downs 1907 783 5-688 95 south 3/16 614 8 miles south-J. D. Cage, Chester Downs 1918 760 5-southeast **Estate** 3/16  $615 \frac{1}{6}$  miles south-Wright Estate 01d  $4\frac{1}{4}$ southeast 616 7분 miles south-C. F. 12 25 southeast Wagenschein  $617 8\frac{1}{4}$  miles 4분 do. 46 southeast 618 7 miles Margarita Porter & Rupp 1925 598 6 598 southeast Perez 6 631 10 miles R. J. Kleberg 640+ south 632 12 miles 1931 459 4등 419 C. F. Porter & Rupp 40 south Wagenschein 633 135 miles W. T. Eldredge Chester Downs 1917 480  $4\frac{1}{4}$ south

All wells are drilled unless otherwise stated in remarks

		II wells are d	LITIER RUIT	ess otn				emarks
]]])•	Water level Depth below	<del></del>	Method of	llise of		eld tea		Remarks
	1	1				Hard-		
	top	measurement	1	water	1	<del>3</del>	,	
	of casing		amount of	<u>b</u> /	ride	ness	phate	
			power	l			<u>d</u> /	
			a/			_	_	
569	2.2	Mar. 23, 1933	W	S	3,000	_		Pila well.
505	2.2	1111. 20, 1000	Į YV	1 2	0,000		_	TITE WELL.
	<u> </u>	<u> </u>						
570	9.5	do.	M	S	160	180	-	Pita well.
	<b>\$</b>							
571	6.2	do.	W	S	110	120		Novia well. Casing:
~ · ·								560 feet of 5-3/16-
			1					
		<u> </u>						inch wrought iron.
601	22.5	Feb. 1, 1933	W	D,S	130	120	-	
	4					j L		
602	7.5	do.	W	D,S,I	140	140		Irrigates la acres
300	1	uo.	• • • • • • • • • • • • • • • • • • • •	D, D, T	140	140	_	
	•							of vegetables. Cas-
	•							ing: 573 feet of
			ĺ					5-3/16-inch set at
								top of water sand.
COTT		<del></del>	717		300	7.40		top of water said.
603	-	-	W	S	120	140	-	
			<u> </u>					
604	16.5	Mar. 22, 1933	$N_{\lambda}$	D,S	280	250	-	Casing: 600 feet of
				1 1		·		$5-3/16-inch, 4\frac{1}{4}-$
				į				inch to bottom with
				]	-			i e
								bottom 60 feet per-
611	Flows	June 4, 1933	F	S	220	270	-	forated.
								<u> </u>
612	14.0	Jan. 17, 1933	M	D,S	180	190		
012	11.0	Udil - 11, 1000	17	12,0	100	130		
0.7.00	7727	T 1 OC 1077	73. 107	<del></del>	100	050	7.50	
613	Flows	Feb. 27, 1933	F,W	D,S	190	250	150	Reported flow of
	<b>i</b>							250 gallons a min-
		1				1		ute when completed.
						•		Would rise 20 feet
	•							
						L		above ground level
614	Flows	do.	F,W	S	140	170	50	Number in casing.
				l				9 well. Old number
	į 1		Ì	1		}		9 well 460 feet
						Ì		
		ļ						deep, now abandoned.
615	_	-	W	S	9,500	500	-	
616	11.2	June 1, 1933	W	S	1.000	1,600	-	
		,			,			
617			W	S	1,000	500		
OTA		_	7V	د ا	1,000	1 200	_	
618	22.5	June 1, 1933	W	D,S	120	200	_	Casing: 35 feet of
	į							6-inch swedged to
	1		1	1	1			563 feet of 41-inch.
631			W	S	210	200	<del> </del>	555 1556 OI 45-1HOII
001	_	_	Į VV	1 10	الم	200		
		L	ļ		L			
632	18.5	May 5, 1933	W	D,S	250	270	-	Casing: 419 feet of
		1						$4\frac{1}{2}$ -inch set at top
633	25.0	Jan. 24, 1933	M	S	470	490		Trociano of sand.
033	20.0	Juan. 64, 1300	, vv	1 2	±/U	±30	_	
	į, ,	1				1		or Bordo Trosado
	j			1		1		well.
	<del></del>							

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Distance   Comer   Driller   Date   Depth   Diam   water-bearing bed comer   Rechal     Date   Depth   Diam   water-bearing bed comer   Rechal     Date   Depth   Diam   water-bearing bed comer   Driller   Date   Depth   Diam   water-bearing bed comer   Driller   Date   Depth   Diam   Water-bearing bed comer   Driller   Date   Depth   Diam   Water-bearing bed comer   Driller   Date   Depth   Diam   Water-bearing bed comer   Driller   Date   Depth   Diam   Water-bearing bed comer   Driller   Date   Depth   Diam   Water-bearing bed comer   Driller   Date   Depth   Diam   Water-bearing bed comer   Driller   Date   Depth   Diam   Water-bearing bed comer   Driller   Date   Depth   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller   Driller	harman and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the sta	Reco	ords of wells in	n Brooks County	, Texa	asCor	ntinue		<del></del>
Gram   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rachal   Rac	2.	70.		70 123	<b>.</b> .	_	<b>.</b> .		
Rachal	J.O.◆	[	Owner	Driller					
ted (ft.) woll of bad bad (in.) (ft.) (ft.)		i				i			1
Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Comp		Rachai			-				
601 20 miles   W. W. Jones   -   90 5-   -				-	ted	(It.)			1
northwest   3/16	CE 3	00 11-	TAT IN T						(ft.)
Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Sect	65T	•	w. w. Jones	-	_	90	1	•	-
Northwest							1 3/10	<u> </u>	
Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution	652	1	do.	-	-	1007			-
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654   17 miles west-   do.   -   -   150*   5-  -   -	653	1	do.	-	-	375			-
northwest		northwest					3/16	ò	
northwest		ĺ		•					
northwest			<u> </u>						
655   do.   do.   -   150 + 5 -   -   -	654	]	do∙	-	-	1501			-
1   3/16     656   16\frac{1}{2} \text{ miles west   do.   -   150\frac{1}{2}   5-    -		the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s					3/16	5	
656   16\frac{1}{2} \text{ miles west- do. }   -   -   150\frac{4}{5} -   -   -   -   -   -   -   -   -   -	655	₫o•	go.	-	-	150			-
northwest     3/16							3/16	Ò	
657   do.   do.   -   -   150	656	16 miles west-	do.	-		150 <u>1</u>			-
1   3   16   16   16   16   16   16							3/16	3	
658   16\frac{1}{2} \text{ miles northwest}   do.	657	do.	do.	-		150	_		-
Northwest							3/16	3	
Company	658		do.	-	-	3001	4 4	_	-
northwest									
100 tollwest	659		do.	-		370	4글	-	-
Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Nort		northwest		**					
Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Northwest   Nort	-						L		
661   12\frac{1}{2}  miles west-   do.	660		do.	-	-	370	4-		
Northwest   G62   14½ miles west   G0   G0   G0   G0   G0   G0   G0   G		northwest							1
Northwest   G62   14½ miles west   G0   G0   G0   G0   G0   G0   G0   G		• • • • • • • • • • • • • • • • • • •							
Northwest   G62   14½ miles west   G0   G0   G0   G0   G0   G0   G0   G							1		
	661		do.	-		150	$-4\frac{1}{4}$		-
northwest   do.	harry make the								
Comparison	662		do.	-	1929	<b>37</b> 3	44	364	9
northwest		northwest							
northwest							1		
Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Cecil Albright   Ceci	663		do.	-	-	150			-
northwest							5/8		
665 11 miles west- northwest  666 13 miles west  667 do. do 1931 158 5-1 west  668 12 miles west  669 16 miles west  670 13 miles do 1921 150+ 5-1 west  671 11 miles do 150+ 5-1 west  672 do. do 1931 147 5-1 3/16  701 12 miles Scott & Hopper Chester Downs 1912 600+ 5-1	66 <b>4</b>	1	do.	Cecil Albright		370	12		
northwest		northwest							
northwest	ten a de remir su del miliotede								
Comparison of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the latest content of the la	665	₹	do.	-	-	150			-
west     -     1931     158     5-1     150     8       668     12 miles     A. C. Jones     -     1921     150+     5-1     -     -       west     do.     -     -     700     5-1     -     -       west     do.     -     -     150+     5-1     -     -       west     -     -     150+     5-1     -     -       671     11 miles     do.     -     -     150+     5-1     -     -       west     -     -     150+     5-1     -     -       672     do.     do.     -     1931     147     5-1     -     -       701     12 miles     Scott & Hopper Chester Downs     1912     600+     5-1     -     -									
667       do.       do.       -       1931       158       5-  150       8         668       12 miles       A. C. Jones       -       1921       150+ 5-  -       -       -         west       do.       -       -       700       5-  -       -       -         670       13 miles       do.       -       -       150+ 5-  -       -       -         west       do.       -       -       150+ 5-  -       -       -         671       11 miles       do.       -       1931       147       5-  -       -         west       do.       -       1931       147       5-  -       -       -         701       12 miles       Scott & Hopper Chester Downs       1912       600+ 5-  -       -       -       -	666	1	do.	_	-	150			-
3/16							3/1	3	
668 12 miles west       A. C. Jones       -       1921       150+       5-        -       -         669 16 miles west       do.       -       -       700       5-        -       -         670 13 miles west       do.       -       -       150+       5-        -       -         671 11 miles west       do.       -       -       150+       5-        -       -         672 do.       do.       -       1931 l47       5-        -       -         701 12 miles       Scott & Hopper Chester Downs       1912 600+       5-        -       -	667	do.	do.	-	1931	158			8
west     do.     -     700     5-      -       west     3/16       670     13 miles     do.     -     150+     5-      -       west     3/16       671     11 miles     do.     -     -     150+     5-      -       west     3/16       672     do.     do.     -     1931     147     5-      -       701     12 miles     Scott & Hopper Chester Downs     1912     600+     5-      -     -	· · · · · · · · · · · · · · · · · · ·						3/10	5	
669 16 miles       do.       -       -       700 5-  -       -       -         670 13 miles       do.       -       -       150+ 5-  -       -       -         west       3/16       -       -       150+ 5-  -       -       -         671 11 miles       do.       -       -       150+ 5-  -       -       -         west       3/16       -       -       3/16       -       -       -       3/16       -         701 12 miles       Scott & Hopper Chester Downs       1912 600+ 5-  -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	668	1	A. C. Jones	-	1921	150			-
west     3/16       670 13 miles     do.     -     -     150+     5-      -       west     3/16       671 11 miles     do.     -     -     150+     5-      -     -       west     3/16       672 do.     do.     -     1931 147 5-      -     -       701 12 miles     Scott & Hopper Chester Downs     1912 600+     5-      -     -	···								
670     13 miles     do.     -     -     150+     5-      -     -       671     11 miles     do.     -     -     150+     5-      -     -       west     3/16       672     do.     do.     -     1931     147     5-      -     -       701     12 miles     Scott & Hopper Chester Downs     1912     600+     5-      -     -	669	\$	do.	-	-	700			-
670     13 miles     do.     -     -     150+     5-      -     -       671     11 miles     do.     -     -     150+     5-      -     -       west     3/16       672     do.     do.     -     1931     147     5-      -     -       701     12 miles     Scott & Hopper Chester Downs     1912     600+     5-      -     -									
671 11 miles do 150+ 5-! 3/16 672 do. do 1931 147 5-! 3/16 701 12 miles Scott & Hopper Chester Downs 1912 600+ 5	670	13 miles	do.	-		150-			
west     3/16       672     do.     do.     -     1931     147     5-1     -     -       701     12 miles     Scott & Hopper Chester Downs     1912     600+     5-1     -     -									
672 do. do 1931 147 5-1 3/16  701 12 miles   Scott & Hopper   Chester Downs   1912   600+ 5-   -   -	671	ll miles	do.	-	-	150			
672 do. do 1931 147 5-1 3/16  701 12 miles   Scott & Hopper   Chester Downs   1912   600+ 5-   -   -		west							
701 12 miles   Scott & Hopper   Chester Downs   1912   600+ 5	672	do.	do.	-	1931	147			-
701 12 miles   Scott & Hopper   Chester Downs   1912   600+ 5									
northwest 3/16	701	¥	Scott & Hopper	Chester Downs	1912	600-	5-	-	-
		northwest					3/10	5	

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		All wells ore	drilled un	. ••±U⇔ laga oti	homuida	atata	ad in a	remarka
	Water level			1088 00		ield te	GHETAS	
No•	Depth below	Date of	Method of	IIGA OF	i			Remarks
740.			Į.	,		Hard-		Relief RB
	top	measurement	lift and	water				
	of casing		amount of	<u>b</u> /	ride	f .	phate	
			power			<u>c</u> /	₫/	
651	35	Mar. 4, 1933	<u>a/</u>	S	7 400	1,400		Capoule well.
99T	30	Mar. 4, 1900	' I W	٥	1,400	1,400	_	Capoure werr.
652			W	S	7 700	000	ļ	Perdido well.
ಎಂದ		~	VV	5	1,300	800	-	Letardo Metr.
653	Flows	May 18, 1933	F,W	S	700	1,100	300	Lindero well. Tem-
000		11123 10, 1000	+,"		100	1,200	000	perature 80° F.
					İ			Estimated yield, 60
						[		
			<b></b>					gallons a minute.
654	40.0	₫o•	W	S	700	700	-	North Brazil well.
655	39.5	₫o•	W	S	700	800	-	South Brazil well.
				1		! :		
656	_	_	W	S	_	-	-	North Cotulla well.
						i i		
657	37.0	May 18, 1933	W	S	2,500	5.000		South Cotulla well.
00,			, ,	_	2,000	10,000		
658	25.1	do.	T w	S	600	600	200	Agua Verde well.
000	20.7	4.0	I AA	3	000	000	200	Agus verde well:
- · · · ·	Flows	3 -			500	700	700	
659	LIOWS	₫o•	F	S	700	700	300	Tres Puertas well.
							1	Temperature 81° F.
								Yield, 34 gallons
660	Flows	do.	F	S	550	550	250	Esmeralda minute.
					İ			well. Temperature
			i		ļ	1		81° F. Yield, 6
		:				<u> </u>		gallons a minute.
651	60.5	do.	W	S	500	420		Rancho Nuevo well.
0.5.		400	•			1 +20		l landing ivages wells
662	Blows	do.	F	S	600	700	200	Mil Pesos well.
002	DIOWS	40•	<u> </u>		000	700	200	1
							ļ	Temperature 82° F.
			<u> </u>					Yield, 155 gallons
663	52.3	do.	M	S	400	250	-	Colcha a minute.
						<u> </u>		well.
664	Flows	do.	W	S	700	900	300	San Martin well.
						ļ		Temperature 81° F.
			•					Yield, 60 gallons a
365	88•0	do.	W	S	900	850		Chapote   minute.
				İ			1	well.
666	25.2	do.	W	S	1,700	800		Gonzalonia Number
000			"		1,		1	1 well.
667	ø 27·5	do.	<del></del>	N	1,500			Gonzanolia Number
007	8 27.00	40•	_	7.7	1,000	_	<u> </u>	1
660	70.0	3 -		<del> </del>		050	ļ	2 well.
668	70.0	do.	W	D,S	75	250	-	Alto Colorado
						! 	<u> </u>	(Headquarters) well
669	Flows	do.	F	S	360	180	300	Blanca well. Tem-
			<u> </u>			1		perature 83° F.
670	54.0	do.	W	S	600	240	_	Pita (Mestena) well
			1				ĺ	1
671	40.2	do.	W	S	220	370	-	North Realitos
					•			well.
672	36.0	do.	W	S	250	380		South Realitos
U 1 PO	1 23-0	1	.,,		200			well.
		i e	1	1	4	1		
701	_	_	TAT	-	110	100	<del> </del>	
701		-	W	S	110	180	-	Morales well.

-41Records of wells in Brooks County, Texas--Continued

	Rec	ords of wells in	n Brooks County	, ${ m T}_{ m exs}$	asCor	tinued			
							Principal		
$No \bullet$	Distance	Owner	Driller	Date	Depth	Diam-	water-b	earing bed	
	from			com-	of	eter	Depth	Thick-	
	Rachal				well		to top	ness of	
				ted	(ft.)	well	of bed	bed	
						(in.)	(ft.)	(ft.)	
702	ll miles	Scott & Hopper	<del></del>		165	5-	-	-	
	northwest					3/16			
703	10½ miles	do.	-	-	108	5		_	
	northwest					3/16	<b>!</b> )	duri viruali	
704	9 miles	do.		-	650+	5-	-	-	
	northwest				-	3/16	· >	<b>[</b>	
705	7 miles	do.	H	-	730	5-		20	
	northwest					3/16	1	13	
						',	]		
					1				
706	7호 miles	do.	<u> </u>	1931	93	5		<del> </del>	
	northwest	40+		T.001	"	3/16	_	_	
707	5 miles	do.	_		600+				
101	northwest	<b>u.</b> O•	_	_	1 0003	3/16	, -	_	
700	4½ miles	do.			602	5-	390	21	
700	northwest	uo.	-	-	002	1		B.	
700	<u> </u>	3 .		<del></del>	7.70	3/16	-	20	
709	4분 miles	₫o•	-	-	172	44	581	21	
	north							-	
710	$3\frac{3}{4}$ miles	đo•	-	_	150	41/4	-	-	
	northwest								
711	4 miles west-	₫o•	-		165	5	-	-	
	northwest					3/16	· ·		
712	$2\frac{1}{2}$ miles west-	do.	-		1,100+	44	500+		
	northwest				-		_		
713	la miles	₫o•	_	-	40	4	_	-	
	northwest								
714	$\frac{3}{4}$ mile	do∙	Chester Downs	1927	346	10	316	40	
	northwest								
715	At Rachal	do.	Porter & Rupp	1925	365	8	335	30	
, 20		201	- Or tor as mapp	2020					
							ľ		
251	$ll^{\frac{1}{2}}$ miles	R. J. Kleberg	Chester Downs	1917	840	5-	<del>  -</del>		
701	north	11. 0. 11100018	Ollegeer Downs	1311	040	3/16	I .		
759	12 miles	do.	do.	1916	517	5-	480	34	
102	t ·	40•	uo.	1910	317			34	
	north					3/16	) 1		
757	30	3 .	2 -	7.000	200	<del> </del>	ļ		
753	10 miles	₫o.	do.	1926	770	5-	! -	-	
	north					3/16	) 		
	<u> </u>			100	<u> </u>	<del> </del>			
754	9 miles north-	do.	do.	1914	684	5	640	44	
	northeast					3/16	·		
				1					
						1			
							<u> </u>		
755	7 miles	do.	do.	Old	-	5-	_		
	north					3/16	,	1	
756	4 miles	do.	do.	1924	450	5-		-	
	north				-	3/16	.† )		
757	$3\frac{1}{8}$ miles	do.	do.	1924	500+		<del></del>	-	
	north				-	-4			
		<del></del>	<del></del>	<del></del>	5		ļ		

1	Water level	All wells are	1	1				1
√o•	Depth below	Date of	Moshbad an	TT. 0.00		ield t		D
VO •	top	i	Method of					Remarks
	of casing	measurement	lift and	water	1	Hard-	<b>.</b>	
	or casing		amount of	<u>b</u> /	ride	ness	phate	
			power			<u>c</u> /	₫/	
702			<u>a/</u>	S	<del></del>	ļ		Car Dada and 1
702	_	_	77	٥	_	_	_	San Pedro well.
703			W	S	1,300	500	ļ	Calichosa well.
100	1		1		1,000	300		dalichosa weil.
704	-		W	S	400	600		Cuatralbo well.
705	-	-	W	S	350	400		Tepeguaje well.
							ļ	Casing; 458 feet o
								5-3/16-inch, 154
						į		feet of $4\frac{1}{4}$ -inch an
				ļ	}	1		127 feet of $3\frac{1}{2}$ -inc
706	70	Apr. 5, 1933	W	S	2,000	3,000	-	Alto Bonito well.
707		<del>-</del>	Í,	S	290	340	-	Blanca well.
708	50	Apr. 5, 1933	W	S	330	310	-	Chapena well.
						<u> </u>		
709	48	₫o•	W	S	1,100	800	-	Narvaez well.
<b>710</b>			717	<u> </u>		- F00		<del>-</del>
710	-	_	W	S	600	300	i - i	Juan Garza well.
711			W	s	3 500	7 000		T)7_7
(11	-	-	PA.	5	1,500	1,900	-	Ramon well.
712	28	Apr. 5, 1933	W	S	250	200		Llano well.
7 1.2	~~	Apri	1		200	200		migno Merr.
713	39.2		W	S	800	500		Nogales well.
								1100-1101
714	22.5	Nov. 29, 1932	7	S	290	240	75	Casing; 1)0 feet o
		·				ļ		8-inch and 5-3/16-
						ŀ		inch to bottom.
715	26.5	Jan. 24, 1933	W	D,S	270	250	75	Casing; 58 feet of
								8-inch and 283 fee
								of 5-3/16-inch wit
751	12.0	Feb. 28, 1933	W	S	190	190	50	Number 6 foot lap.
								8 well.
752	5.5	₫o•	W	S	230	200	50	Barrosa well. Re-
								ported flow of 3
								gallons a minute i
753	-	-	M	S	1,000	700	50	Sufrosa Jan. 1916
								well. Highly sul-
	7.0	E 1 00 1000	717					phuretted water.
754	12.8	Feb. 28, 1933	W	S	230	190	150	Los Muertos well.
								Casing; 532 feet o
								$5-3/16-inch, 4\frac{1}{4}$
						-		inch, to bottom
755	33.5	Jan. 24, 1933	V.	S	300	777		with 60 feet per-
100	JU 4 J	odn. va. Tago	7	٥	290	330	-	Escondido forated
756			W	D,S	350	290	-	well. Encino Ranch head-
, 50	_	_	YY	٠,٠٠	000	230	-	quarters.
757		~a	W	D,S	210	230	60	Encino Mejicano
707								

-43-

	neco	ords of wells f	n Brooks County	, Texa	18	i		incipal
No•	Distance	Owner	Driller	Date	Depth	Diam-		encing bed
	from	0,,,,,,	2-1-2-3	com-	of	eter	Depth	l liick-
	Rachal			1	well	of	to top	ness of
				ted	(ft.)	well	of bed	bed
						(in.)	(ft.)	(ft.)
758	$5\frac{1}{2}$ miles	R. J. Kleberg	•=	Old	-	5-	,	-
	northeast					3/1	6	
759	6 miles north-	do.	-	Old	-	8	-	-
	northeast							
760	12 miles north	- do.	Chester Downs	1928	829	5-		31
	northeast					3/1	b 1	
					1			
761	ll miles	do.	Perry Downs	1910	648	5-	590	
	northeast				1	3/1	1	
		1						
							<u> </u>	
762	8½ miles	do.	Chester Downs	1918	817	5	734	83
401	northeast	u.o.	Ollester Downs	1310	017	3/1		
	1102 0110450					0/ 1	Ĭ	
					1			
								Ì
763	10 miles	do.	-	-	-	5-	į.	-
<b>7</b> C 4	northeast	1		7.000	F	3/1		
764	7½ miles	do.	Downing	1908	537	5-	1	14
	northeast				-	3/1	b 	
765	5 miles	do.			52	5-		
7 00	northeast	1				3/1	1	
767	5 miles east-	do.	Chester Downs	<b>-</b>	820	5-		70
	northeast		}			3/1	•	
	1							
					<u> </u>	<u> </u>		
766	$4\frac{1}{2}$ miles	do.	_	-	35	5⊶		-
2/000	northeast	do.	Chester Downs	1921	782	3/1		<u> </u>
3/768	$7\frac{1}{2}$ miles east-northeast	40.	Chester Downs	1321	782	5- 3/1	1	50 52
	HOI UNEAST					3/1	1	32
						1		
`*								
760	5분 miles	do.	<del></del>	<del> </del>	782	5-	<u> </u>	<del> </del>
709	east	uo.	_	-	100	3/1		_
770	5 miles east-	do.	Chester Downs	1916	596	5-		43
170	southeast	1	JATOBOOT DOWNED	1		3/1	•	20
						","	575	21
				1				
	1	i	,	L	1			J

All wells are drilled unless otherwise stated in remarks

·		All wells are	iriried di.	less ou				Temarks
No•	Water level Depth below	Date of	Method of	Han of		eld tes		Remarks
407	! +	1	lift and	water		Hard-		nemarks
	top of casing	measurement	amount of		1	ł	phate	
	or casing		ŧ	p/	ride	1 .	1 .	
			power a/			<u>c</u> /	₫/	
758	21.8	Feb. 28, 1933	W	Ş	320	320	50	Lucero well.
759		-	W	S	<b>46</b> 0	<b>4</b> 80	100	Huesos well:
760	4.5	Feb. 28, 1933	W	ន	290		1,200	ling: 200 feet of 5- 3-/16-inch swedged to 4\frac{1}{4}-inch to bottom Drilled to 1093 feet but plugged and shot
761	Flows	do.	F	S	290	290		Num- at 829 feet. ber 1 well. Temper- ature 83° F. Origin- al depth 484 feet with 463 feet of 5- 3/16-inch casing, present depth 648 feet with 200 feet of 4½-inch casing added with bottom 60 feet perforated. Yield, 5 gallons a
762	Flows	do.	r ·	Ö	230	200	150	Casing; 505; minute. feet of 5-3/16-inch and 313 feet of 4½-inch. Tacoon (Talon) well. Temperature 84° F. Yield, 8 gallons a minute.
763	<b></b>	-	W	ಜ	1,100	800		Leoncitas (Hodges) well. Temperature
764	-	-	W	ಭ	290	180	250	Vivoras well. 75° F. Strongly sulphuretted water. Temperature 83° F.
765	14.3	Mar. 2, 1933		N	75	150	-	
767	17.6	do•	W	S	800	600	400	Las Flores well. Temperature 77° F. Casing; 545 feet of 5-3/16-inch and 292 feet of 44-inch.
766	10.7	do∙	F	N	80	210	-	
768	Flows	Mar. 1, 1933	W	ន	250	160	150	Santo Tomas (Lagu- nas) well. Tempera- ture 84° F. Casing; 580 feet of 5-3/16- inch and 213 feet of 44-inch with 80 feet perforated. Yield, 17 gallons a
769	4.5	do.	W	S	350	280	100	minute.
770	6.2	Mar. 2, 1933	W	S	240	180	80	Posita well. Temperature 82° F. Casing; 382 feet of 5-3/16-inch and 227 feet of $4\frac{1}{4}$ -inch with 13 foot lap.

<del>-4</del>5-

	Rec	ords of wells i	n Brooks County	, Tex	asCor	tinue	i	
								incipal
%o•	Distance	Owner	Driller		_	1 1	-	earing bod
	from			com-	1	eter	Depth	Tick-
	Rachal			-	well	of	to top	ness of
				red	(ft.)	well (in.)	of bed (ft.)	bed (ft.)
771	7½ miles	R. J. Kleberg	O. S. Caldwell	1906	630	5-		-
	east	_				3/16	}	
					į			
772	8 miles east-	do.	do.	1906	770	5-		
, ,	southeast	401	4.0-	1000	''	3/16		
801	lla miles	Sylvestre	Calderon Bros	1915	68	5-	54	14
	northwest	Rodiguez				3/16	5	
802	ll miles	Ireneo Lopez	do.	-	85	5-		-
203	northwest	Calderon Bros.	do.	1932	83	3/16	<u> </u>	
900	northwest	Carderon pros.	40.	TAOS		8	-	_
304		do.	do.	1919	110	-		<del></del>
811	16 miles	Garcia Ramos	***	-	3501	4-2-	-	-
27.0	west	<del>*</del> 0 0	0.11	7.005	3.5	<u> </u>		
312	do.	J. G. Garcia	Calderon Bros.	1925	107	5 <b>-</b>		-
813	15 miles	Garcia Ramos	do.	1923	123	3/16 5-	)	
0.10	west		201	1000	150	3/16		
814	do.	Garcia Ramos	Cecil Albright	1929	2,002	_	314	38
		No. 2						
815	do.	Garcia Ramos	do.	1929	354	6	332	22
				<u> </u>				
<u>e</u> /821	L .	Garcia Ramos	*	-	83	44	-	-
	northwest	3 -		017	<del></del>			
822	do.	do.	_	014	97	96	-	_
							-	
						<u></u>		
826	10 miles west-		Cecil Albright		1,600	-	-	B40
	northwest	No. 1	2		000			
827	do.	do.	₫o.	-	238	<b>–</b> ·	-	-
828	9를 miles west-	Adolfo Garcia	Chester Downs,	1932	258	8		+
	northwest	No. 3A	Jr.					
829		do.	Cecil Albright	1932	1,165	9	-	-
		A 2 - 2 - 2 - 4		1.000	<del> </del>	<del> </del> -		
පර0	9 miles west- northwest	Adolfo Garcia	0. M. Boone	1926	550	5-	-	-
831		Adolfo Garcia	Cecil Albright	1932	573	3/16	,   _	<del> </del>
OUL		No. 1	10011 1110118110	1000	0,0			
832	đo.	Adolfo Garcia	Calderon Bros.	1910	120	8		-
							<u> </u>	
83 <b>3</b>	do.	B. G. de	do.	1924	130			30
077.4	8 miles west-	Garcia do.	Chester Downs	1913	350	3/10		<del> </del>
00#	northwest	40.	OHORGET DOMING	1 210	1000	3/16	•	
	1	J	<del></del>	<del></del>	<del></del>	·/ `	L	<u> </u>

<del>-4</del>6-

All wells are drilled unless otherwise stated in remarks Water level Field tests Mo√ Depth below Date of Method of Use of parts per million Remarks Chlo-Hard-Sulmeasurement lift and top water of casing amount of ride ness phate b/ power c/ 771 Mar. 1, 1933 1.050 550 100 Santa Quiteria Flows wells. Temperature 84° F. Two wells here. Yield 23 gallons a minute. 772 Flows F S 230 130 Estimated yield, 20 do. gallons a minute. 370 801 D,S 180  $\overline{H}$ Mar. 13, 1933 2,000 1,600 802 58.4 W D.S 1,000 1,600 D.S No casing used. 803 2,000 1,500 804 W D,S 3.000 2.000 811 30.0 Mar. 17, 1933 W 600 Salado well. 812 26.5 do. W S 240 490 Mostena well. 410 813 24.7 do. W S 420 60 814 Flows N 700 550 80 Oil test. Has small flow of water. Mar. 17, 1933 700 700 Cinco de Mayo well. F S 815 Flows Temperature 81 to F. Casing; 150 feet of 6-inch. Yield, 60 gallons a minute. 821 8, 1933 W D,S Rancho Nuevo well. 65 May Casing; 80 feet of W  $4\frac{1}{4}$ -inch. 822 57.0 Sept.20, 1933 D,S 198 180 Rancho Nuevo dug well. Temperature 730 F. Dug to 90 feet with 7 feet drilled in 826 600 Oil test. bottom. 550 500 100 Water well for 827 66.7 Mar. 17, 1933 N drilling oil test. D.S 600 550 Water well for 828 93.7 do. J,G,1를 drilling oil test. Gas well. 829 150 Encantada Ranch 830 97.8 Mar. 17, 1933 W D.S 900 900 well. Oil test, no pro-831 duction. 2,500 2,700 200 Encantada Vieja Mar. 17, 1933 W D.S 832 69.5 well. ა33 83.5 do. W S 2,000 2,500 50 Yesquitas well. Tacubaya ranch west 834 W S well.

	Rec	ords of wells in	-47- n Brooks County	. Texa	asCoi	ntinue	Ī	
0•	Distance from Rachal	Owner	Driller	Date com- ple-	Depth of	Diam- eter of	Pr	incipal earing bed Thick- ness of bed (ft.)
	$8\frac{1}{2}$ miles west-northwest	Garcia	Cecil Albright	1930	365	6 <u>3</u>	350	15+
	$10\frac{1}{2}$ miles west northwest	- Garcia No. 1B	do.	1930	294	6 <b>-</b> 5/8	244	50
<b>337</b>	do.	do.	do.		1,169	81	eren.	-
	10 miles west	B. G. de Garcia	Calderon Bros.		160	6	gries.	-
839		do.	do.	1908	100	3/10	5	-
	9 miles west	J. G. Garcia	Dickens	1905	175	5- 3/10		-
841	8 miles west	E. Garcia	Calderon Bros.	1930	180	5- 3/10		*
842	$8\frac{1}{2}$ miles west-southwest	J. G. Garcia	Dickens	1907	110	5- 3/16	•	***
843	10 miles west- northwest	Garcia No. 2B	Cecil Albright	1931	960	-		-
844	do.	do.	do•	1931	306	5- 3/1		14
345	ll <sup>3</sup> / <sub>4</sub> miles northwest	Jones Estate	Mestena Oil Co.	1937	361	8 <b>-</b> 5/8		-
	lla miles northwest	do.	₫0• `-	1925	120	5- 3/16		-
	8½ miles west- northwest	Perez	Calderon Bros.	1925	120	5 <b>-</b> 3/16	<b>-</b>	-
	$7\frac{1}{2}$ miles west-northwest		do.	1924	116	5- 3/1	3	1
853		Roberto Perez	do.	1926	125	5- 3/10		-
	8 miles west- northwest	Domingo Chavano	do.	1925	167	-	-	_
	7호 miles west	Pablo Perez	do.	1924	165	5 <b>-</b> 3/16	3	-
	7 miles west- northwest	Longoria Estate	do.	1918	140	5- 3/1	3	-
857		Andres Longoria	do.	1924	130	5 <b>-</b> 3/1	5	
858		Felicita L. Lopez	do.	1925	150	5- 3/10	; <b>-</b> S	-
····	6 miles west- northwest	J. P. Ruelas	M. Pena	1907	100	<u>+</u> 5- 1 3/1	-	-
	7 miles west- northwest	J. G. Garcia	Calderon Bros.	1923	116	5- 3/1	ŝ	-
	northwest	Mateo Longoria		1924	140	5- 3/1	j. <b>–</b> 5	
862	do.	Simon Trevino, Jr.	do.	1988	120		_	-

All wells are drilled unless otherwise stated in temarks

	Water level	LI Wells are di	citied dute	ess orne		eld tes		anarks
No.	Depth below	Date of	Method of	Use of				Remarks
140 •	top	measurement	lift and	water		Hard-		remar va
	of casing	measarement	amount of				phate	
	or casting			<u> </u>	1106	1.	!	
			power <u>a</u> /			<u>c</u> /	₫/	
835	-	-	W	D,S	900	700	80	Tacubaya ranch,
000			"	] -,-		, , ,		east well.
836	-		••	N	-	_	_	Water well for
								drilling oil test.
837	-	-		-	-	-	-	Gas well.
838	96.2	Mar. 17, 1933	W	D,S	650	750	100	Ranchito well.
070	E4 B	1 -	W		170	770	7.5	Casing; 20 feet of
839	54.7	do.	W	S	110	330	15	Llano well. 6-inch.
840	55.3	do.	W	D,S	250	450	30	Realito well. Cas-
070	33.0	40.	3.4	1,0	250	400	50	ing; 20 feet of
								5-3/16-inch.
841	80.9	Mar. 16, 1933	W	D,S	1,000	1,000	200	Mirador well. Cas-
				<b>'</b>	,	, .		ing; 20 feet of
								5-3/16-inch.
842	37.2	₫o•	W	S	200	<b>3</b> 60	25	Cinco de Mayo well.
								Casing; 20 feet of
843	_	-	-	-	-	-	! -	0il <u>5-3/16-inch</u>
				1 17				test.
844	_		_	N	-	-	-	Water well for
								drilling oil test. Casing; 38 feet of
845	40.9	Apr. 4, 1940	N	N		<b></b>		Cas- 5-3/16-inch.
010	1000	, 11, 10		] -		i	ļ	ing; 290 feet of
								8-5/8-inch, 71 feet
								of 7-inch perfo-
846	-	-	A,G	D	-	-	-	Camp well. rated.
							<u> </u>	1
851	_	-	W	D,S	1,500	2,500	-	
852			W	D,S	600	1,000	<b></b>	
೦೨೭	_	_	V.	ט,ט,	800	1,000	-	
853	-	_	W	D,S	25	430	<del>  _</del>	Small yield.
				, , , ,				3
854	-	-	W	D,S	1,700	2,000	-	
						<u> </u>	<u> </u>	
855	-	-	M	D,S	1,300	1,600	-	
		1000	717		700		<u> </u>	
856	70.6	Mar. 14, 1933	W	S	300	500	<b>!</b> -	
857	85.0	Mar. 13, 1933	W	S	320	600	30	
597	00.0	Mai. 10, 1500	į v	1 5	320	800	30	
858	87.0	do.	W	D,S	1.500	1,600	<del> </del>	
500				-,~	-,500	1-,000		P
959	_	_	W	S	900	1,000	150	
860	-	-	Н	D,S	30	400	-	Small yield.
						<u> </u>		
861	83.0	Mar. 14, 1933	Н	S	2,500	2,400	-	
0.00			H	S	2 000	2,500		
862	-	-	П	٦	٥٥٥٠ م	2,500	-	
	<u> </u>	<u>i </u>	<u> </u>	1	<u> </u>	1	1	

**-**49-

Records of wells in Brooks County, Texas--Continued Principal No. Distance Date Depth Diam- water-bearing bed Driller Owner eter Depth from Thickcom-Rachal ness of ple-|well of its top ted (ft.) |well of bed bed (in.) (ft.) (ft.) 863 6 miles west-P. Mangel Calderon Bros. 1921 155 5-. 3/16 northwest 864 6 miles Jacoba Enero Abrigo 1924 146 5-1 west Villareal 3/16 865 5 miles Florencio Calderon Bros. 1924 130 5-west Rodriquez 3/16 866 4表 miles Celso V. 1929 115 do. 5-3/16 west Ramirez 867 45 miles westdo. Marcus Pena 1905 105 5northwest 3/16 do. do. do. 1907 110 868 5-1 3/16 869 7 miles Jose M. 125 G. Abrigo 1923 5**-** i west Martinez 3/16 870 **7**층 miles Juan Perez G. Hernandez 1930 97 5-1 3/16 west 871 8 miles Vivian de Luna Calderon Bros. 1925 100 5-1 3/16 west do. Victor G. Abrigo 1919 70 5-1 872 Martinez 3/16 873 7<sup>3</sup> miles Vivian de Luna 1920 70+ do. -west do. Matilde 01d 80 96 874 Martinez 875 7 miles Emilie Calderon Bros. 1924 117 5-1 Escalante 3/16 west 876 6 miles 1907 125 5--Matilde do. west Martinez 3/16 Ruperto Perez 1924 100 877 do. do. 4년: do. Vivian Garcia do. 1924 101 5-878 3/16 E. G. de 879 do. G. Hernandez 70 Esslinger 880 6층 miles west- Zaragosa Solis Calderon Bros. 1908 70 5southwest 3/16 881 7 miles west-Juan Perez G. Hernandez 1933 71 5-1 southwest 3/16 882 5 miles Calderon Bros. 1926 138 5-Enrique Villareal 3/16 west 883 4½ miles 1914 Longoria M. Martinez 300 5-1 Estate 3/16 west Calderon Bros 1924 150 Eugenio 5-834 do. Longoria 3/16 Juan Longoria 1928 100 5-885 4 miles do. west 3/16 886 2 miles 150+ Longoria Enero Abrigo 5-1 3/16 Estate west P. Mangel, Jr. 1909 100 911 3층 miles Rafael Pana 3/16 northwest 912 3 miles north-G. Abrigo Calderon Bros. 1931 100# 6 northwest

All wells are drilled unless otherwise stated in Remarks

	Water level	All wells are	irilled un	less ov		eld te		Remarks
	Depth below	Date of	Method of	Mac of		-		Remarks
1.0.	top	measurement	lift and	water	Chlo-			Itemai ks
	of casing	measar cheff.	amount of	1	ride	ŧ	phate	
	or casing		1	9/	1100	1	, –	
			power <u>a</u> /			<u>c</u> /	₫/	
86 <b>3</b>	90.0	Mar. 14, 1933	<u> </u>	D,S	1,400	1.400		
000	2010	mar - 11, 1000			2,100	1,200	İ	
864		-	W	D,S	1,800	1,700	-	
865	-	-	H	D,S	2,000 1,940	2,300	-	
866	72.3	Mar. 14, 1933	H	D,S	2,500	2,500	-	
867	_	-	W	D,S	1,000	1,000	-	
868			W	D,S	1,000	1,200	-	
869			W,H	D,S	900	1,400		
870	74.6	Mar. 16, 1933	W	D,S	500	450	40	
871	55•6	do.	W	D,S	400	450	70	
372	44.5	de.	W	D,S	1,500 1,260	1,600	150	
273	-	***	M	D,S	270	600	-	Small yield.
874	45.0	Sept.20, 1933	V-	D,S	130 168	450	-	Dug well, 50 feet deep, drilled to 80 feet.
875		~	W	D,S	800	900	<del>  -</del>	
876			W	D,S	1,000	1,200	-	
877	65.4	Mar. 16,	H	D,S	1,200	1,200	150	
878	65	đo.	H	D,S	1,200	1,100	200	
879	56.3	do.	H	D,S	700	600	120	1
880	-		W	D,S	160	330	-	
881	-	_	W	S	160	280	-	Casing: 20 feet of 5-3/16-inch.
882	73.6	Mar. 14, 1933	H	D,S	1,500 2,330	1,200	-	Small yield.
883		-	W	D,S	1,900	1,500	-	Well yielded good water when first completed.
884	-	-	Н	S	2,500	2,700	300	
385	-	***	H	D,S	1,500 1,775	850	-	
: 36	54.0	Mar. 14, 1933	Ţ.Ţ	S	-	-	-	
911		-	V-	D,S	900	500	150	
912	48.0	Mar. 16, 1933	Н	D,S	1,000	500	250	

Records of wells in Brooks County, Texas--Continued Principal Distance Owner Driller Date Depth Diam- water-bearing bed ..O. eter Depth Thickfrom com- of plo-well Rachal  $\circ f$ to top ness of tel (ft.) well of bed bed (in.) (ft.) (ft.) 913 35 miles north- F. Villareal F. Villareal 1935 601 5northwest 3/16 914 do. Estefana D. Calderon Bros. 1399 85 Ramirez 915 3g miles Enero Abrigo Enero Abrigo 1932 75+ 5-1 north3/16 Pedro 916 do. do. 1906 65 441 Benavides 917 3 miles do. Calderon Bros. 1904 5-\_ north 3/16 4 918 3 miles J. G. Ramos Enero Abrigo 1921 50 north 919  $3\frac{1}{4}$  miles J. R. Canales 42  $4\frac{1}{4}$ \_ north do. P. Mangel, Jr. P. Mangel, Jr. 920 1927 45 4 Nicolas Cantu 921 35 miles Enero Abrigo 1920 42 44 north 922 3 miles Marcela Cantu 377 Chester Downs 1916 4 north 923 3 miles north-Simon Calderon Bros. 1910 150 5northeast Bayarena 3/16 924 33 miles north- Rafael Garza Rafael Garza 1915 60 5-1 northeast 3/16 925 4 miles north-Marciano Marciano 1915 40 5-1 Rodriguez northeast Rodriguez 3/16 926 do. Candelario Candelario 1915 40 5-Bayarena Bayarena 3/16 5-1 927 호 mile Marcelo Cantu Enero Abrigo 1920 65 north 3/16 928 2 miles east-Simon Trevino Simon Trevino 1928 12 1 46 nortneast Simon Trevino. 1928 150+ 929 25 miles Calderon Bros. 5-Jr. 3/16 east 930 25 miles east- Antonio Zarate Enero Abrigo 1915 50 5-1 3/16 southeast 951 12 miles 100+ Allen Land & 5-1 west Cattle Co. 3/16 952 10 miles westdo. 120 4 southwest 953 12 miles westdo. 450 5southwest 3/16 954  $16\frac{1}{2}$  miles westdo. 350 5-1 southwest 3/16 955 15 miles westdo. 60 5-1 3/16 southwest 956 13 miles westdo. 120 6-i southwest 5/8! 957 12 miles 87 do. 4급 southwest 958 16 miles west- Allen No. 3 1,508 Milam southwest Drilling Co. 959 14 miles west- Allen No. A-1 1929 1,509 southwest

All wells are drilled unless otherwise stated in Remarks

		ll wells are di	rilled unic	ess oun				marks
	Water level					ld tes	1	
No•	Depth below		Method of					Remarks
	top	measurement	lift and	water	: 1	Hard-	1 F	
	of casing	,	amount of	<u>b</u> /	ride	ness	phate	
			power			<u>c</u> /	₫/	
			a/			_	_	
913	<del>-</del>		Н	S	1,400	750	150	
					·		j	
914	_	<del>-</del>	W	D,S	900	320	120	
915	-	₩	Н	D,S	450	210	200	
				,-,-				
916	48.9	Mar. 16, 1933	H	D,S	370	190	150	
0.20			1	] -,-				
917			W	S	1,000	500	150	
51.			•	~	1,000			
918	<del> </del>		H	D,S	600	300		
710		_	11	12,0	772	000		
<del>5</del> 19	38.5	Sept.22, 1933	H	D,S	172			
919	30.0	Sepuess, 1900	<u> </u>	ס,ט	677	_	_	
920	1		H	T. C.	672	220	200	
920	-	-	п	D,S	1,082	220	200	
- 203				1 2 2	7.70	000	500	
921	-	-	H	D,S	730	280	200	
	<u> </u>							
922	-		W	D,S	330	360	60	
							<u> </u>	
923	81.0	Mar. 13, 1933	W	S	1,600	1,100	160	
***					<u> </u>	<u> </u>		
924	24.0	do∙	H	D,S	850	1,000	-	
				1	<u> </u>			
925	-	-	H	D,S	420	600	-	Small yield.
				<u> </u>				
926	-	-	W	D,S	400	700	60	
							1	
927	_		W	D,S	1,000	600	-	Casing; 20 feet of
								5-3/16-inch.
928	_		W	S	3,500	2,500	800	
		1						
929	_	-	W	S	3,000	2,000	-	Casing; 100 feet of
								5-3/16-inch.
930	<del>  -</del>		W	S	5.000	2,500	1 =	
							İ	
951	32	Apr. 10, 1933	W	S	60	330	1	Agua Dulce well.
-								
952	40	do.	W	S	160	360		Huila well.
2013	1	1			1		1	
953			W	S	1,800	480	<del> </del>	Salado well.
300			•		1,000	1 -00		
954	44	Apr. 10, 1933	w	S	500	310	<del> </del>	Escondido well.
70 <del>-1</del>	T.T.	Apr. 10, 1500			00(1	010		bboondido worr.
955	45	do.	<del>  w</del>	S	1 600	1,500		Alto well.
900	45	1 40.	l vv	b	1,000	μ,υυυ	-	WTOO MOTT.
OFC			TRT	+	770	1700	+	001100 7011
956	25	do.	W	S	370	190	-	Pollos well.
	<del></del>		+	<del> </del>	+ -==	1 0==		10
357	-	-	W	S	1,000	270	-	Encinal well.
	<u> </u>	<u> </u>	<del> </del>	<del> </del>	+	<del></del>		0:3 4 - 1
958	-	-	-	-	-	-	-	Dil test.
		<u> </u>	<u> </u>		<del></del>	-	<del>- </del>	
959	-	-	-	-	-	-	-	do.
· · · · · · · · · · · · · · · · · · ·			1					<u> </u>

-53-

Records of wells in Brooks County, Texas -- Continued

~[o•	Distance	Owner	Driller	:Date	Depth	Diam-		incipal earing bed
	from						Depth	Thick-
	Rachal			'ple-			(to top	
			į	ted	(ft.)	well	of bed	bed
				.i	İ	(in.)	(ft.)	(ft.)
960	14 miles west-	Allen No. 1	Milam	11929	1,395	_	_	-
	southwest		Drilling Co.	1				
961	$11\frac{1}{2}$ miles west-		do.	1929	3,007	-	-	-
	southwest	8 & 9						
962	$15\frac{1}{8}$ miles west-	Allen No. 2	do.	1929	1,501	-	-	-
0.677	southwest	A 7 7		1 22.0	F: 0 0 0			
900	14½ miles west-		do.	11329	3,006	-	-	-
264	southwest	5 & 10	7	12.000	3 050			
904	12 miles west-	ATTEN NO. A	do.	1329	1,252	-	-	_
065	southwest   16 miles west-	Allon No. 4	3.0	12000	3 050	ļ		
965	102 miles west-	· Allen No. 4	do.	11353	1,250	-	-	-
971		A. C. Jones		<b>-</b>	150	6-	<u> </u>	
97 I	southwest	A. O. Jones	_	-	1907	5/8	_	_
972	8 miles west-	do.		+	150-			
316	southwest	40.	_	-	130	3/16		_
973	10 miles	do.		<del>  </del>	150-			
370	southwest	40.	-		100	- <sup>-</sup> 4	-	-
974		do.		+	150-	- 5 <u>-</u>	_	
212	40.	40.			100_	3/16		_
981	5 miles west-	L. J. Lipps		<del>  _</del>	1,100	10	! -	
001	southwest	T. 0. T-th			+,	10		
982	6 miles	do.	-	<del> </del>	100-	$+$ $4\frac{1}{4}$		<del> </del>
•0~	southwest	23.			100_	_ +4 		
983	8 miles	do∙	_	+	450-	+ 4 <sup>1</sup>	<del></del>	
	southwest				100	<b>-</b>		
984	4 miles	do.	-	<del> </del>	100-	4.		
	southwest							
985	3½ miles	do.		<b>1</b> –	500-	- 5 <b>-</b>		-
	southwest				-	3/10	3	1
936	4 miles	do.	-	T -	150			_
	southwest				_	Ī		
987	34 miles south-	do.		<b>-</b>	150	<u> 4</u> 분	_	-
	southwest				_	1		
988	8 miles south-	do.	-	-	650	_	-	-
	southwest							
				<b>.</b>				
991	3 miles	Mrs. H. M.	Chester Downs	1921	670	4분	-	24
	southeas <b>t</b>	King, Estate						
							•	
				1,015				
992	4 miles	do.	-	1917	510	6-	-	-
	south					5/8		
				1				
צים מ	5 miles	do.		<del> </del>		<b> </b>	<del> </del>	<del>                                     </del>
220	south	uv.	_	-	_	_	_	-
99/	6 miles	do.		<del>  _</del>	<del></del>	6-	<u> </u>	
コフ生	j i	401	_	-	_	5/8	_	_
	south		1	1	i	1 5/0	1	1

-54-All wells are drilled unless otherwise stated in Remarks Water level Field tests NO. Depth below Date of Method of Use of parts per million Remarks Chlo-Hard-Sullift and water top measurement of casing amount of ride ness phate b/ power c/ d/a/ 260 Oil test. Do. 961 962 Do. 963 Do. 964 Do. 965 Do. 971 62.0 May 18, 1933  $\dot{N}_{\rm L}$ 180 350 Rucia well. 972 W S 240 470 Huila well. 973 42.0 May 18, 1933 W S 1.600 900 Twin Rucia, north well. 974 41.0 do. W Twin Rucia, south S well. 981 45 Apr. 17, 1933 W S 360 330 Patito well. 34 W 982 do. S 270 390 Coyotes well. 12 983 do. W S 260 390 Vargas well. 984 W S 1,600 550 Corrales well. 985 W  $\overline{s}$ 230 240 Fonte well, formerly had a flow. 986 W 300 350 Coyote Ranch Head-D,S quarters well. 987 W S 450 490 Paloma well. 988 Flows Apr. 17, 1933 Ŧ S 320 160 Tordias well. Temperature 85° F. Yields 25 gallons a minute. 200 Magueyes well. Cas-991 W S 300 80 ing: 521 feet of  $4\frac{1}{9}$ -inch, 159 feet of  $3\frac{1}{5}$ -inch with 38 feet perforated. 992 2.0 Apr. 21, 1933 W S 260 110 200 Blanca well. Casing: 23 feet of 6-5/8-inch, 441feet of 4-1/4-inch and 62 feet of 3-1/4-inch.993 W S 270 280 200 Well at railroad shipping pens. 994 Flows Apr. 21, 1933 F,W D,S 280 50 Huisachos Altos well. Temperature

83°F.

			-00-					
	Reco	ords of wells in	n Brooks County	, Texa	asCor	ntinued	ì	
							Pri	ncipal
No∗	Distance	Owner	Driller	Date	Depth	Diam-	water-be	aring bed
	from			com-	of	eter	Depth	Thick-
	Rachal			ple-	well	of	to top	ness of
				ted	(ft.)	well	of bed	bed
						(in.)		(ft.)
995	6 miles	Mrs. H. M.	H. L. Curry	1930	810	5-		*
	southeast	King, Estate	·			3/16	3	
		Ŭ,				·		
					1			
					1			
						]		
996	9 miles east-	₫o.	₫o∙	_	1,182	5-		***
	southeast					3/1	5	
							1	
				į				
				1	1			
					-			
997	8 miles	do.	-	-	-	5-		
	southeast					3/1	5	
				1		1		
				<u> </u>	<u> </u>			
<u>3/998</u>	8 miles south-	do.	Chester Downs	-	691	5-		-
	southeast					3/1	6	
				į.				
			İ	Į				
				1				
				1				
					1			İ
	1	1	1	1	l .	1	1	1

a/ A, air lift; T, deep well turbine; J, jack pump; C, centrifugal pump; H, hand pump or rope and bucket; W, windmill; F, artesian flow; E, electric motor; G, gasoline engine or oil engine.

b/ P, public supply; RR, locomotives; I, irrigation; D, domestic; S, stock; N, not used.

All wells are drilled unless otherwise stated in Remarks

		All wells are	drilled un	Less our				Remarks
	Water level				ì	ld test		
No.	Depth below		Method of					Remarks
	top	measurement	lift and	water		Hard-		
	of casing		amount of	<u>b</u> /	ride	<b>3</b> .	phate	
			power			<u></u> /	<u>a</u> /	
			<u>a</u> /					
995		Apr. 21, 1933	Ţ <sup>*</sup>	S	400	260		Cuervos well. Temperature 86°F. Casing: 51 feet of 5-3/16-inch, 682 feet of 4-1/4-inch set at 700 feet and 159 feet of 3-1/4-inch set at 810 feet. Highly sulphuretted water. Yields 12 gallons a minute.
996	Flows	Mar. 1, 1933		S	270	480	1,600	Cuatro Esquinas well. Temperature 87°F. Casing: 95 feet of 5-3/16- inch, 877 feet of 4-1/4-inch and 56 feet of 3-1/4-inch. Yield, 5 gallons a minute.
997	Flows	Apr. 21, 1933	F	S	290	25		Naranjo well. Tem- perature 82°F. Yield, 19 gallons a minute.
998	Flows	₫o•	F	S	270	90	200	Alameda well. Temperature $83\frac{1}{2}^{\circ}F$ . Casing: 85 feet of 5-3/16-inch, 565 feet of 4-1/4-inch and 81 feet of 3-1/4-inch with 22 feet perforated. Yield, 22 gallons a minute.

<sup>/</sup> Hardness as calcium carbonate determined by the scap method.

Sulphate test by turbidity method and may be as much as 25 per cent in error.

For analyses see table of water analyses.

7 T. U. Taylor, Underground waters of Coastal Plain of Texas: U. S. Geological Survey Water-Supply Paper 190, 1907.

Thickness	Depth	Thickness Depth
(feet)	(feet)	(feet) (feet)
(ree o)	(Teec)	(1660) (1660)
Driller's log of well 21		Driller's log of well 21Continued
Houston Cil Company, Lesater Number	r 2.	
		Sand and shale 19   2158
Surface sand and clay 3 Soft lime rock 4	3 7	TOTAL DEPTH 4120
Sand 14	21	a Company with the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the co
Rock 4	25	Driller's log of well 73
Hard dry sand 44	69	Cambrian Production Company's (Maupin)
Water sand 39	108	Powers Number 1.
Sandy clay 65	174	
Sand and gravel 18	192	Clay 30   60
Clay 23	215	Hard sand and boulders - 130   190
Red clay 97	312	Clay 20   210
Sand and gravel 16	328	Gumbo 85   295
Clay 22	350	Sand 35   330
Red clay 63	418	Gumbo 108 438
Sand and gravel 61	479	Sand and boulders 2 440
Shale 186	665	Gumbo 21 461
Sand rock 3	668	
Sticky shale 152	820	Gumbo 73 540
Sandy shale 30	850	Sand 12 552
Sticky shale 25	875	
Lime rock 5	880	Shale and boulders 33   608
Sticky yellow shale 50	930	Gumbo 14 622
Hard shale and lime 63	993	Sand 13   635
Sticky shale, streaks of lime 135	1128	Gumbo 105   7140
Sticky shale 57	1185	Mater sand 5   745
Shale and lime 59	1244	Sand 32   777
Sticky shale 30	1274	Gumbo 68 345
Sand 60	1334	Sand 20   865   Gumbo 41   906
Hard sand 5 Sand and shale 46	1339 1385	
Sand 11	1396	
	1451	Shale 13   948   Gumbo 12   960
Sticky shale 55 Sand 9	1460	White rock, lime 5 965
Shale and shell 70	1530	Sand 55 1020
Gumbo 20	1550	Hard sand 5   1025
Sticky shale 114	1664	Gumbo 110   1135
Sand 13	1677	Sand and shale 79   1214
Sticky shale 17	1694	Gumbo 12 1226
Sand 11	1705	Sand and shale 34   1260
Sticky shale 79	1754	Gumbo 85 1345
Sand and shale 8	1792	Sand 20   1365
Sandy shale 3	1500	Gumbo 60 1425
Sand 11	1311	Sand 10   1435
Sticky shale 52	1863	Gumbo 20 1455
Sand and shale 9	1872	Shale 15   1470
Sandy shale 8	1880	Gumbo 10 1480
Sticky shale 52	1932	Sand 20   1500
Sandy shale 19	1951	TOTAL DEPTH 3169
Sticky shale 40	1991	
Sandy shale 18	2009	Driller's log of well 175
Sticky shale 14	2023	Burro well, J. D. Cage Estate, owners.
Sand 1	2024	Surface sand and clay - 40 40
Lime, shale and sand 9 Sandy lime and shale 7	2033	Blue clay 20 60
Sandy lime and shale 7	2040	(Continued on next page)

Thickness Depth	Thickness Depth
(feet) (feet)	(feet) (feet)
Driller's log of well 175Continued	Driller's log of well 230Continued
Rock and sand 20   80	Sticky caliche 31   596
Blue and white clay 30   110	Gumbo 20   616
White sand 10   120	Sand 12 628
Rock 20 140	Gumbo 83 711
Brown clay 120   260	Sand 120   831
White and blue clay 100   360	Gumbo 10 81+1
White sand 10   370	Sand 12 853
Rock 12 382	Hard send 2 855
Red clay and boulders 48 430	Gumbo and boulders 61 916
Red and blue clay 50 450	Sand and boulders 28 944
Red clay 90   570	Hard sand 110 1054
Tater sand 30 600	Sand 40 1094
nervou deute	Gumbo 4 1098
Driller's log of well 137	Sand 8 1106
Tres Encinos. J. D. Cage Estate, owners.	Gumbo 6 1112
Soft rock and sand 20   20	Sand 23 1135
Blue clay and rock 100   120	Gumbo 35 1170
Red clay and rock 140   260	Hard sand 27 1197
White sand 10 270	Sandy gumbo 137 1334
Red clay and loose boulders 150 420	Gumbo, streaks of hard sand 30 1364
Rock 14 434	Sandy gumbo 32 1396
Hard rock 22 456	Gumbo and lime 137 1533
White sand and boulders - 144 500	TOTAL DEPTH 4878
Sand and rock 40 540	10142 1111
Red clay 20 560	Driller's log of well 259
Water send and loose boulders 25 585	F. G. Sterns Cil Company, Myrick Number 1.
Red clay 30 615	Surface 25   25
Water sand	Caliche 19 44
Marcol Senta	White clay 23 67
Driller's log of well 229	Pink clay 22 89
The Texas Company's Lasater Number 1.	Clay and gravel 11 100
Sand 180   180	White and pink clay - 53 153
Gumbo 12 192	Water sand 8 161
Sand and gravel 78 270	Yellow and white clay - 89 250
Gypsum 160 430	Fine white sand 22 272
4, 55 mil - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	White clay 10 282
Driller's log of well 230	White clay and gravel - 12 294
The Texas Company, Ed. C. Lasater	Clay and boulders 22 316
Number 3.	Red and white clay - 86 402
Surface sand 40 40	Mixed shale 42 444
Gypsum 75 115	Red clay 40 484
Caliche 15   130	Water sand 28 512
Sand caliche 40 170	<b>!                                    </b>
Salt and pepper sand - 20 190	Red clay 32 544 Water sand 82 626
Sticky caliche 64 254	
, ,	
Gypsum 45   299 Shale 50   349	
	Clay 10 748
	Hard sand — — — — 52 800
	Sand 99 899
	Brown clay 5 904
Sand 23 1493	Sand 21 925
Caliche 11 504	Gypsum and sand 5 930 Sand 16 946
Gumbo 36 540	
Sand 25   565	(Continued on next page)
ļ	: 1

Thicknes	ss Dep	oth Thickness Der	
Driller's log of well 2590			
Broken clay, sand and gypsum 2		Sand (fine brown water sand) 20	497
	_	Hard sand and lime - 43	540
•	1	D27 Tough gumbo 7	547
Blue clay	- 1	)36   Hard water sand 23	570
	* 1	D53   Gumbo 4	574
Blue gumbo 1	10 10	063   Soft water sand 17	591
Sand and blue shale 1	L7   10	080   Gumbo 6	597
Blue gumbc	5 10	085   Sand 27	624
7		107   Tough gumbo 58	682
		123   Sand (good) 68	750
Rock		130   Sand rock 1	751
Send		135 Gumbo 4	755
		137	
Blue gumbo	- 1	51111101 S 10g 01 1/011 J00	
			٦
		201	15
=		500200 (3220 00)	26
Shale and sand 3		,	30 48
C.	- ;	243   Caliche and clay 18	42
		300   Sand, salt water 13	61
Thite sand and shale 1	15 13		85
	~~	Rock, hard caliche and clay 6	93
Driller's log of well 28		Rock and caliche 2	95
Central Power and Light Company			100
Soil	]	1 Rock or caliche 5	105
Clay	6	7 Rock and white clay 13	118
	12	19 Rock, red and white clay 10	128
Olay	3	22 Red and white clay 12	14C
22074 OC 0 C C C C C C C C C C C C C C C C C	18	40 Sand and white clay 5	145
	14	54 White clay with sandy streaks	-
Soft caliche ]	15	69 and rocks 10	155
Hard dry clay	8	77 White and pink clay 15	170
Soft clay 2	23   1	100   Red and white sticky clay 10	180
Hard caliche		109 White and red clay 25	205
		130   Sand 10	215
Tough clay and lime rock -		204 Pink sandy clay with caliche 20	235
÷ v		216 Sandy clay with black rock 20	255
Clay		220 Sandy gray and red clay - 10	265
Sand (gas showing)		226 Sandy gray and red clay;	207
			200
Clay		231 some caliche 25 254 Gray and red clay and	290
			フヘニ
· · · · · · · · · · · · · · · · · · ·	1 -		305
•		White rock and sand - 15	320
Rock	2	354 Soft red and gray sandy clay 9	329
Clay		360   Soft gray sandy clay 31	360
		350 Gray and red clay 10	370
	- 1 ,	403 White clay and send 10	38C
Sand	- 1 .	412 Red clay and sand rock - 15	395
Gumbo 2		439   Sand 15	410
Sand (broken)	6 1	445   Sand rock 2	412
	22 1	467   Soft gray clay, some yellow	_
Tough lime	1 .	470 and red 13	425
Send		474 Gray clay, sand streaks - 5	430
Hard clay		477 (Continued on next page)	. , , ,
	- 1	(Comment of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Post of the Po	
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Thickness Depth		
(feet) (feet	t) (feet) (fee	- 75 /
Driller's log of well 306Continued	Driller's log of well 814Continue	, đ
Gray clay 5   435	Shale, sand, gravel and water 38   35	2
Sand 5 440		18
Sand and clay 15 455	)   Dod memba )   D   E7	ාර ර
Hard clay and rock 5 460	Cticky chale 78 58	
Gray sandy clay with caliche 5   465	)	,6 ,6
Red clay 42 507	(   Dod alov 7)1   8)1	
Sand 10 517	79 01	
Red clay with few rocks 23 540	J 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
Red and gray clay 5 545	Shale and boulders 124 116	
Red and gray clay       5       545         Red clay       10       555         Water sand       49       604	Hard sandy shale 48 121	-
waver same = = = = +9 004	Blue gumbo 196 141	
Driller's log of well 705	Shale and boulders 170 158	50
Scott and Hopper, owners.	Blue gumbo 176   175	
Clay and sand 20 20	, , ,	
Soft rock and sand 100   120		10
Clay and rock 80 200	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
White clay 120   320 Red clay and rock 55   375		)2
Red clay and rock 20 410	Driller's log of well 829	
Hard rock 8 418	Ed East's Garcia Number 3A.	_
Red clay 42 460		2
Red clay and boulders - 100 560	No.	4
Second artesian sand - 20 580 Rock 7 587		26
Good artesian sand 13 600	1 11002	30
Hard rock 8 608	Caliche and sand 8 3 Rock 18 5	8 6 9
White clay 92 700	Caliche rock 13   6	70 10
Blue clay 30 730	Rock 3 7	72
- 433 4 3 0 33 7/4	Rock and caliche 12 8	34
Driller's log of well 768	=	)1
Santo Tomas well. Robt. J. Kleberg,		
owner. Rock and clay 20 20		
		5
Blue and white clay 125   150		
Blue clay 150   300		
Hard rock 10   310		
Red clay and boulders - 115 425 Red clay 89 514		
Red clay 89   514 Hard rock 6   520		)2  - 
Red clay 30 550	11-0	
Red clay 30 550 Gravel 10 560		)ġ
Red clay 20   580		<b>5</b> 5
Brown clay 60 640		
Rock 20 660		<u>j</u> 0
Artesian sand 50 710	S-21-1	
Red clay 20   730 Artesian sand 52 782	),	'O
je joe	Dand; Share, Fine and yerro.	**
Driller's log of well 814	clay 2   37	
Amos Dinn's, Jose Garcia Ramos Number 2	Yellow clay, broken shale 7 37	
Caliche 123   123	Sand 3   30	
Hard and soft sand 75 198	Sand and gravel 5 38	
Red clay is 216	Gumbo and shale 133 52	
Cand 8     224       Red gumbo 32     256		
Red gumbo 32 256 Cand 10 266	(Continued on next page)	,0
Gumbo 23 289		
Red gumbo 25 314		

Thickness (feet)	Depth (feet)	Thickness Depth (feet) (feet
Driller's log of well 829Con	tinued	Driller's log of well 960Continue
Blue shale 12	1 550	Shale and sand 8   17
Sand and shale 62	612	Shale 48 22
Gumbo 514	666	Pink gumbo 38 25
Lime, pyrites and shale - 2	668	Sand, showing gas 20 27
Shale 2	670	
Sand 14	684	
Shale and some lime 6	690	
	701	
		1 10200
Sand, gumbo and lime 13	714	1 2 1 22
Sand 11	725	
Sandy shale and lime 32	757	Sandy lime 3   43
Sand 2	759	Chocolate-colored clay - 29 45
Sandy shale and lime 25	784	Hard white sand 4 46
Gumbo 8	792	Brown clay 2 46
Lime, sand and shale 18	glo	White sand 1 46
Sand, shale streaks 35	845	Light sand and lime 3 46
Sand 10	855	Blue gumbo 13 48
Gumbo 10	865	Sand rock 1 48
Sand 10	375	Sand 2 48
Gumbo, lime streaks 9	884	Blue gumbo 91 57
Gumbc 29	913	Sand 5   58
Water sand 25	938	Lime and sand 9 59
Rock 3	941	Light lime and sand 28 61
Shale, blue with brown		Blue shale 6 62
streaks 119	1060	Blue and gray sandy shale 10 63
Blue sandy shale and lime - 54	1114	Blue shale, tough 12 64
Blue sand 1	1115	White gumbo 47   69
Blue shale 45	1160	Sandy shale 5   69
Blue sand, gas 5	1165	
		Brown shale 16 72
		Blue gumbo 11 73
Driller's log of well 344		Blue shale 5 74
The California Company (Ed East),	Garcia	Blue gumbo 18   75
Number 2 B, water well.		Hard sand 12   77
Surface 6	6	Blue shale 18   78
Sandy clay 100	106	Blue shale, sandy streaks 12 80
Sand 5	111	Chocolate-colored gumbo - 10 81
Sandy clay 35	146	Tough blue gumbo 15 82
Red clay 18	164	Hard sand 30 85
Sandy clay 67	231	Tough gumbo 3   85
Red clay 23	254	Sand 14   87
Sand 11	265	Blue gumbo 34 90
Red clay 4	269	Gray and blue sandy shale 19 92
<b>S</b> and, water 10	279	
Shale 13	292	Hard sand 9   93   Red gumbo 6   94
Sand and gravel, water 1		Sand rock 1 94
		Gumbo 2 94
Driller's log of well 960		Sandy gray shale 13 95
Milam's, Riley Allen Number 1.	;	Sand, lime and boulders - 29 98
Surface sand 6	6	Rock 3 98
Sandy clay and caliche 54	60	Sandy shale 13 100
Caliche 22	52	Sand rock 1 100
Water sand 24	106	Brown and blue gumbo - 49 105
Sand 58	164	(Continued on next page)
<i>)</i> -		10000
	1 1	

-62Table of Drillers Logs, Brooks County--Continued

Thick	_	Depth	Thickness Depth
(f	eet)	(feet)	(feet) (feet
Driller's log of well 960	Con	tinued	Driller's log of well 960Continued
Sand	4	1055	Sand, boulders and lime - 11   1288
Gumbo	5	1060	Hard sandstone 2 1290
Sandy shale	18	1078	Sand, boulders and lime - 7   1297
Hard sandy rock	2	1080	Shale, streaks of sand - 5 1302
Gumbo	1	1081	Sand, boulders and lime - 5   1307
Sand and boulders	8	1089	Sandy shale 6   1313
Gumbo	47	1136	Shale 18   1331
Sand and boulders	3	1139	Sand, boulders and lime - 15   1346
Sand, boulders and shale	30	1169	Sticky shale, streaks of
Blue shale	18	1187	sand 18   1364
Blue gumbo	16	1203	Sand and coarse gravel - 13   1377
Hard sand rock	6	1209	Blue shale 4   1381
Shale, streaks of sand 🗕	3	1212	Hard sandstone 2 1383
Hard sand and boulders -	74	1216	Sand and boulders 5 1388
Tough blue and brown gumbo	52	1268	Hard rock 2 1390
Tough brown gumbo	9	1277	Hard sand 5 ! 1395

Analyses of water from well: in Brooks County, Texas

(Analyzed by Margaret D. Foster. Parts per million. Numbers at heads of columns correspond to numbers in table of well data.)

	79	280	333	507	613	768	821	998
Silica (SiO <sub>2</sub> )				Name and		23	~-	30
Iron (Fe)			0.25	0.92	0.39	.29	3.4	.20
Calcium (Ca)	88	38	190	50	43	35	38	21
Magnesium (Mg)	19	18	213	15	23	15	15	9.2
Sodium (Na)	~ / 03	- /1.00	- /7 . 644	- /240	- /000	270	(7.7.0	280
Potassium (K)	<u>a</u> /81	<u>a</u> /168	<u>a</u> /1,644	<u>a</u> /148	<u>a</u> /220	13	<u>a</u> /119	14
Bicarbonate (HCO3)	350	278	620	316	292	182	240	302
Sulphate (SO <sub>4</sub> )	14	40	941	63	192	266	18	105
Chloride (C1)	115	188	2,430	130	170	<b>23</b> 2	128	252
Nitrate (NO3)	12	• 5	0 12	.0	1.2	3.5	23	5.6
Total dissolved solids (calculated)	512	589	5 <b>,73</b> 5	56 2	793	<u>b</u> /938	462	<u>b</u> /859
Total hardness as CaCO3 (cal- culated)-	298	169	1,348	186	202	149	156	90
Date of collection (1933)	May 8	Apr. 7	Apr. 7	Apr. 7	Apr. 7	Apr. 19	May 8	Apr. 21

 $<sup>\</sup>underline{a}$ / Calculated.  $\underline{b}$ / Determined.

