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STATE BOARD OF WATER ENGINEERS

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SWISHER COUNTY, TEXAS

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

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by

C. R. Fellett

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Prepared in cooperation with the United States Department of the Interior, Geological Survey, the Bureau of Industrial Chemistry of The University of Texas, and the Works Progress Administration.

\* \* \*

Austin, Texas Apr. 16, 1938

#### SWISHER COUNTY, TEXAS

\* \* \*

#### Introduction by Walter N. White Senior Hydraulic Engineer. United States Decartment of the Interior Geological Survey

This release contains records of wells and pumping plants in Swisher County, Texas, together with tables of well logs, and well water analyses, and a map on which all the wells listed are shown, each well being given a number on the map corresponding to the number assigned to it in the well tables.

The records were obtained in the course of an investigation in the Texas High Plains comprising a part of state-wide studies of the ground-water resources of Texas by the State Board of Water Engineers in cooperation with the Geological Survey of the United States Department of the Interior. The field work was first started in 1934, a reconnaissance being made in that year covering parts of western Kansas and Oklahoma and eastern Colorado as well as the Texas Panhandle. That investigation was under the direction of C. V. Theis, Associate Geologist with the Geological Survey, and was made with an allocation of funds from the Administration of Public Works. In 1936 considerable data on irrigation from wells in different parts of the Texas High Plains including a part of Swisher County was obtained by engineers of the Ressettlement Administration. The present investigation was started in the spring of 1937 with funds appropriated by the Texas Legislature and nearly equal amounts contributed by the Federal government.

Most of the records listed were obtained in September-December, 1937, by C. R. Follett, one of the engineers assigned to the present investigation. Some were contributed by the Resettlement Administration and a few were obtained in the reconnaissance investigation of 1934.

The analyses were made by chemists employed on Works Progress Administration Project 6507-5112, under the direction of Dr. E. P. Schoch, Director of the Bureau of Industrial Chemistry of The University of Texas and E. W. Lohr, Chemist of the Quality of Water Division of the Geological Survey. This release was typed and assembled by typists employed on the Works Progress Administration project which is sponsored by the Texas Board of Water Engineers, the Geological Survey, and the Bureau of Industrial Chemistry.

The records serve as a guide to land owners and well drillers who need information regarding wells and pumping plants, the depth to ground water in different parts of the county and the quantity and quality of water yielded by wells. They afford a basis for the more intensive investigation that is now being carried on, the purpose of which, is to determine the distribution and extent of the available ground-water supplies and the safe yield of the underground reservoirs.

Thanks are due to the owners of wells and pumping plants in Swisher County who have given their cordial cooperation and assistance. Several well drillers and representatives of different pump companies also have contributed freely of their information. -3-

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Records of wells in Swisher County, Texas
(All wells are drilled unless otherwise indicated in "Remarks" column.)

$\frac{12\frac{1}{2} \text{ miles}}{\text{northwest}}$ $\frac{12 \text{ miles}}{\text{north}}$ $\frac{11\frac{1}{2} \text{ miles}}{\text{northwest}}$ $\frac{12 \text{ do.}}{12 \text{ do.}}$	or Survey 10, <u>NW cor. NW<sup>1</sup></u> 63, <u>NW cor. SW<sup>1</sup></u> 63, <u>NE cor. NE<sup>1</sup></u> 63,	Block M-6 M-8 M-8	Will Vaughan I. Irlbeck	Driller E. R. Sprawls	slope	com-	well (ft.)	Diam- eter of well (in.) 18
Tulia 13 miles northwest 12½ miles northwest 12 miles north 11½ miles northwest do.	10, NW cor. NW <sup>1</sup> / <sub>4</sub> 63, NW cor. SW <sup>1</sup> / <sub>4</sub> 63, NE cor. NE <sup>1</sup> / <sub>4</sub> 63,	M8	I. Irlbeck		situ- ation Gentle slope	ple- ted	well (ft.)	of well (in.)
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northwest 12 miles north 11 <sup>1</sup> / <sub>2</sub> miles northwest do.	<u>NW cor. SW4</u> 63, <u>NE cor. NE4</u> 63,		•			,		Ļ
12 miles north 11 <sup>1</sup> / <sub>2</sub> miles northwest do.	63, <u>NE cor. NE4</u> 63,	M8			Edge of	01d	94	6
12 miles north 11 <sup>1</sup> / <sub>2</sub> miles northwest do.	63, <u>NE cor. NE4</u> 63,	M8			lako			
north ll <sup>‡</sup> miles northwest do.	$\frac{\text{NE cor. NE}_4^1}{63}$		A. A. Fonkon		Gentle	1907	102	6
ll <sup>1</sup> / <sub>2</sub> miles northwest do.	63,				slope	Í		
do.		M8	G. A. Life		Edge of		95	
do.	SEASEA		Ins. Co.		lake	[		
	87,	M8	County Road		do.	1937	78	6
1		M-0	county noau		u0.	1001	1 10	l v
	NW cor. NW	11.0	(17) 197 17 - 51 -	117 TO 747 + L +	Dian	2077		1
12 miles	48,	M-9	T. W. LaRoc	W. D. Witt	Ridge	1937	200	18
north	SE <sup>1</sup> <sub>4</sub> NE				top -		ļ	
ll늘 miles		M-9	do.	Sprawls &	Gintle	1935	200	18
north	NWŻNWŻ			Miller	slope			
ll miles	49,	M-9	do.	do.	do.	1935	200	18
north					_			•
	ويستهيد والمستوطن والمتعاد والمتحاط والمتحاط	M_9	Fred Lamar	Trupor Hall	Ridge	1937	220	18
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		17.0	D	77		1000	015	10
		N1-9	Dewitt Parker	Henry Patzig	ao.	1937	217	18
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			T. J. Avent		<b>S</b> lope		91	6
north	SW cor. NW2							
10 miles	86,	M-8	C. D. Taylor		Edge of		72	6
north	SE <del>l</del> NE <sup>1</sup>				-	1		ł
		M-8	B. F. Smith	ب <del>ە بې چې سام در د د د بارا دار د د د د بارا د</del> محم چې	the second s	01d	85	
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~ ;		IVIO	N. DLUGHINK				04	
								ļ
~ 1		M-9	R. Simmons		Level	01d	99	6
7 miles	117,	M8			Slope		78	
northwest	SW1SE1				to draw			ł
7늘 miles	117,	M8	Kaffir School		do.		85	
		M-8	H. C. George	<u></u>	Gentle		85	
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		M. O	. <u>n</u> - <del>n</del> -	a g		1027	224	14
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		15 0		McDanlels		1050	000	
~ 1		Мр	1			7936	200	18
orthwest						l		
	29,	M6	Chil <b>ér</b> ess		do.		105	
northwest	SE cor. $SE_{-}^{1}$		School					
12 miles	53,	M6	Clarence Todd	- Hall	Ridge	1937	230	18
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	* *				т		t l	1
2 miles	65.	M_6	W. C. Cowen	đo	05	1027	203	18
		ти <del>-</del> О	o. cowan	u0.	u0.	100r	200	10
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		16.6						
		M6	do.	do.	do.	1937	217	21
vest	NW╁SE╁							l
					1		,	ł
asuring n	oint was usu	allv t	op of casing.	top of wood ni	oe clamp.	ton	of con	crete
	1/2 miles         north         1 miles         1 miles         north         9 miles         north         1 miles         north         2 miles         northwest         1/2 miles         orthwest         1/2 miles         orthwest         2 miles         orthwest         2/2 miles         orthwest         2 miles         orthwest         1/2 miles	$l\frac{1}{2}$ miles49, NW $\frac{1}{2}$ NW $\frac{1}{4}$ l miles49, SE $\frac{1}{2}$ NW $\frac{1}{4}$ l miles49, SE $\frac{1}{2}$ NW $\frac{1}{4}$ l miles58, SW $\frac{1}{2}$ NW $\frac{1}{4}$ l miles58, SW $\frac{1}{2}$ NW $\frac{1}{4}$ l miles57, NE $\frac{1}{2}$ NW $\frac{1}{4}$ l miles51, SW cor. NW $\frac{1}{4}$ l miles51, SW cor. NW $\frac{1}{4}$ l miles51, SW cor. NW $\frac{1}{4}$ l miles115, SW cor. 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J. AventnorthSW cor. NW $\frac{1}{4}$ 0 miles86,M-8C. D. TaylororthSE $\frac{1}{4}$ NE $\frac{1}{4}$ Niles115,M-8B. F. SmithorthSW $\frac{1}{2}$ SW $\frac{1}{4}$ M-9R. SimmonsorthSW $\frac{1}{2}$ SW $\frac{1}{4}$ M-8NW $\frac{1}{2}$ SW $\frac{1}{4}$ M-9R. SimmonsorthSW $\frac{1}{2}$ SW $\frac{1}{4}$ M-9R. SimmonsorthSW $\frac{1}{4}$ SS $\frac{1}{4}$ M-8N. BrueningNW $\frac{1}{4}$ SS $\frac{1}{4}$ M-8N. BrueningM-9R. SimmonsNW $\frac{1}{4}$ SE $\frac{1}{4}$ M-8N. C. GeorgeNW $\frac{1}{4}$ SW $\frac{1}{4}$ M-6M-6Scort. SW $\frac{1}{4}$ M-6Scort. SW	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	11/2 miles       49,       M-9       do.       Sprawls & Gontle slope         11 miles       49,       M-9       do.       Miller       slope         11 miles       49,       M-9       do.       do.       do.         11 miles       49,       M-9       do.       do.       do.         11 miles       58,       M-9       Fred Lamar       Trupor Hall       Ridge top         12 miles       57,       M-9       Dewitt Parker       Henry Patzig       do.         12 miles       51,       M-9       Dewitt Parker       Henry Patzig       do.         10 miles       51,       M-9       T. J. Avent        Slope         10 miles       51,       M-9       T. J. Avent        Edge of         10 miles       51,       M-8       N. Furning        Edge of         10 miles       115,       M-8       N. Bruening        Edge of         10 miles       115,       M-8       N. Bruening        Level         10 miles       117,       M-9       R. Simmons        Level         12 miles       117,       M-8 <td>11/2 miles       49,       M-9       do.       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Simmons        Level       01d         10 miles       117,       M-8       Armontrout       McDaniels       top          12 miles       117,<td>1½ miles         49,         M-9         do.         Sprawls &amp; G.ntle         1935         200           10rth         NW2NW1         M0.         Miller         slope         1935         200           10rth         SE2NW1         M-9         do.         do.         1935         200           10rth         SE2NW1         M-9         Fred Lamar         Trupor Hall         Ridge         1937         220           10rth         SW2NE1         M-9         Dewitt Parker         Henry Patzig         do.         1937         2217           10rth         NE2NW1         M-9         T. J. Avent          Slope          91           10rth         SEAW1         M-9         T. J. Avent          Bdgc of         72           10rth         SEAW2         M-8         C. D. Taylor          Bdgc of         72           10rth         SEAW2         M-8         N. Bruening          Level         01d         85           115,         M-8         N. Bruening          Gentle         -         64           0rthwst         SEAWE1         M-8         N. Bruening          Gentle<!--</td--></td></td>	11/2 miles       49,       M-9       do.       Sprawls & Guntle 1935         11 miles       49,       M-9       do.       do.       do.       1935         11 miles       49,       M-9       do.       do.       do.       1935         11 miles       58,       M-9       Fred Lamar       Trupor Hall       Ridge 1937         10 miles       58,       M-9       Dewitt Parker       Henry Patzig       do.       1937         10 miles       51,       M-9       Dewitt Parker       Henry Patzig       do.       1937         10 miles       51,       M-9       T. J. Avent        Slope          10 miles       115,       M-8       C. D. Taylor        Edgo of          10 miles       116,       M-8       W. Bruening        Level       01d         12 miles       116,       M-8       W. Bruening        Gentle          12 miles       117,       M-9       R. Simmons        Level       01d         10 miles       117,       M-8       Armontrout       McDaniels       top          12 miles       117, <td>1½ miles         49,         M-9         do.         Sprawls &amp; G.ntle         1935         200           10rth         NW2NW1         M0.         Miller         slope         1935         200           10rth         SE2NW1         M-9         do.         do.         1935         200           10rth         SE2NW1         M-9         Fred Lamar         Trupor Hall         Ridge         1937         220           10rth         SW2NE1         M-9         Dewitt Parker         Henry Patzig         do.         1937         2217           10rth         NE2NW1         M-9         T. J. Avent          Slope          91           10rth         SEAW1         M-9         T. J. Avent          Bdgc of         72           10rth         SEAW2         M-8         C. D. Taylor          Bdgc of         72           10rth         SEAW2         M-8         N. Bruening          Level         01d         85           115,         M-8         N. Bruening          Gentle         -         64           0rthwst         SEAWE1         M-8         N. Bruening          Gentle<!--</td--></td>	1½ miles         49,         M-9         do.         Sprawls & G.ntle         1935         200           10rth         NW2NW1         M0.         Miller         slope         1935         200           10rth         SE2NW1         M-9         do.         do.         1935         200           10rth         SE2NW1         M-9         Fred Lamar         Trupor Hall         Ridge         1937         220           10rth         SW2NE1         M-9         Dewitt Parker         Henry Patzig         do.         1937         2217           10rth         NE2NW1         M-9         T. J. Avent          Slope          91           10rth         SEAW1         M-9         T. J. Avent          Bdgc of         72           10rth         SEAW2         M-8         C. D. Taylor          Bdgc of         72           10rth         SEAW2         M-8         N. Bruening          Level         01d         85           115,         M-8         N. Bruening          Gentle         -         64           0rthwst         SEAWE1         M-8         N. Bruening          Gentle </td

pump foundation, or top of air-line hole in pump base. b/ T, turbine; Cf, centrifugal; C, cylinder; E, electric; G, gasoline; Ng, natural gas; O, diesel or semi-diesel; W, windmill; H, hand; number indicates horsepower. -4-Records obtained by C. R. Follett

	Hoight of	Matar	Towal		Ī	
No	Height of measuring		Level	Dump	Use	Remarks
MO.	point		measure-	and	of	
	above	measui			water	
	ground	ing po		b/	<u>c/</u>	
	(ft.) a/	(ft.)	1	<i>2</i> /	-	
1	1.1		Oct. 18,	T,G,	I	Irrigated 77 acres wheat and truck in 1937.
-		0000	1937	40	-	Reported yield, 550 gallons a minute with 74
2	0.6	78.5	July 26,		N	feet drawdown. Pump set at 164 feet.
			1.937			12-inch casing from 168 to 188 feet.
3	1.0	83.8	July 16, 1937	C,W	D,S	Strong supply reported. Estimated yield, 5 gallons a minute.
4	0.5	82.4	June 5, 1937	C,W	S	Sartono a minavo
5	0.0	72.6	Aug. 10,	None	N	Drilled for seismograph work.
			1937	ma	<u> </u>	Demontral minila 100 mailong o mintte
6				T,G, 85	I	Reported yield, 400 gallons a mintte.
7				None	N	Reported very weak supply.
8				None	N	Reported yield, 300 gallons a minute.
9	0	76	d/	T,G,	I	Irrigated 30 acres feed in 1937. Reported
				85		yield, 700 gallons a minute. "Red Beds" at
10	1.5	76.7	Nov. 29, 1937	T,G, 85	I	Irrigated 70 acres 220 feet. No casing. feed in 1937. Reported yield, 600 gallons
11	0.0	86.4	the second se	0.5 C, M	N	a minute. Pump set at 140 feet.12-
±±,		00.1	uo.	<b>↓</b> 3 M	11	linch casing from 177 to 217 feet.
12	0,5	62.6	July 24,	C,W	D,S	Permanent supply reported. Estimated yield,
	•••	•-••	1937	•,	-,-	4 gallons a minute.
13	2.7	77.7	July 26, 1937	None	N	
14	0.9	62.3	July 16, 1937	C,W	N	
15	0.5	72.4	July 24, 1937	C,W	D,S	
16	0.1	61.5	July 26, 1937	С,Н		
17				C,W	P	
18	4.0	77.8	June 5,	C,W	S	
19		ļ	1937	ΨC	I	Fatimated wield 2 050 college a minute
тą				Т,G, 85	1 <sup>⊥</sup>	Estimated yield, 1,050 gallons a minute.
20				80 C,W	I I	Pump set at 140 feet. See partial log. Reported drilled for irrigation well but
20				~ <b>,</b> w	-	could bail dry. Now irrigates small garden.
21				C,W	P	generaling an engles and some of the second seco I
22	1.4	103.8	Oct. 28, 1937	T,G, 50	I	Reported 46 feet drawdown pumping 750 gallors a minute. Sand and gravel from 210 to 226 feet. "Red Bods" at 228 feet. Irrigated
23	1.0	89.9	Oct. 27, 1937	None	N	Drilled 130 acres wheat and feed in 1937. for irrigation. Reported yield, 500 gallons a minute. Sand and gravel from 185 to 203
24	1.4	87.8	do.	Nong	N	Drilled for feet. "Red Beds" at 203 feet. irrigation. Reported yield, 400 gallons a
-7.	l I immicrot	ion, P		Ddo	L.	minute. "Red Beds" st 197 feet. ; S, stock; N, not used.

c/ I, irrigation; P, public; D, domestic; S, stock; N, not used. d/ Water level reported.

				-5-	
Records	of	wells	in	Swisher	County-Continued

	Records of wells in Swisher County-Continued												
No.	Distance from	s Saction or	Block	Owner	Drillor	Toro- Toro-	com-	Dopth	eter				
	Tulia	Survey				situ- atiou	pla- ted	(ft.)	of woll (in.)				
25	9 <del>1</del> miles northwest	15, NW <del>_</del> NE_	M6	P. B. Lindley	E. R. Sprawls	Ridge top	1936	213	18				
26	8 <del>1</del> miles northwest	20, SW2SW2	M8	D. A. Nix	R. P. McDaniyls	Gertic Slone	1937	214	18				
27	do.	20, NW <del>1</del> SW <del>1</del>	M-8	do.	do.	đo.	1937	175	18				
28	7 <mark>늘</mark> miles northwcst	30, SW <u>1</u> NW <u>1</u>	M6	H. Allison	1	Ridge top			18				
29	7 miles	30, SW cor. NE <sup>1</sup> / <sub>4</sub>	M8	do.		Gentle slopo			18				
30	do.	30, NEŻNEŻ	M8	đò.	—	₫0.			13				
31	6 <sup>1</sup> / <sub>2</sub> miles northwest	71, NEŻNWŻ	M8	do.	Baker Pump. Co.	Ridge top	1937	190	18				
	7 miles northwest	69,	M-8	A. C. Julch	Green Mch. Co.	do.	1935	240	18				
33	6 miles northwest	31, NW½SW¾	M8	W. C. Hulsey	Buck Price	do.	1936	245	18				
34	5½ miles northwest	80, NW는NW를	M8	do.	do.	Gentle slope	1936	245	18				
35	5 miles northwest	121, NW cor. NW <del>1</del>	i M8	do.	do.	do.	1936	245	18				
	4 <sup>1</sup> / <sub>2</sub> miles northwest	2,	77-1	Foster Klaus	Layne Pump Co.	do.	1913	226	26				
37	$3\frac{3}{4}$ miles northwest	3, Neźswź	W-1	J. B. Johnson		do.			18				
	34 miles northwest		W1	đo.		đo.	01d	65	6				
	$3\frac{3}{4}$ miles north	15, SW <u>4</u> SE <u>4</u>	W-1	Mrs. Bana Ray	— Gorman	do.	1937	210	18				
	4 <del>]</del> miles north	lS, NE≟NW≟	.J—1	A. B. Haile	W. P. Witt	Ridgo top	1937	285	18				
41	l <del>į</del> miles east	38, Sw <u>i</u> nw <del>i</del>	<b>3-1</b>	B. Youngblood	E. R. Sprawls	Gentle slope	1937	126	18				
42	do.	38, NW cor. SW <u>1</u>	₩-1	đo.	do.	do.	1937	143	18				
43	do.	38, SW-1NW-1	W-1	đo.	do.	do.	1936	195	18				
44	do.	38, NW <del>4</del> SW4	W-1	do.	do.	do.	1936	146	18				
45	l mile east	27, SW4SE4	W-1	E. R. Sprawls	do.	Ridge top	1934	238	18				
46	do.	27, NW <u>1</u> SE <u>1</u>	₩ <b>-</b> 1	do.	do.	Gentle slose	1937	149	18				
47	do.	27 <b>,</b> NW <u>i</u> NE <u>i</u>	₩1	T. M. Stith	E. R. Sprawls	do.	1937	147	13				

-6-Records obtained by C. R. Follett

<ul> <li>No. negative Scyte Jest of Fund.</li> <li>No. negative Scyte Jest of Fund.</li> <li>No. negative much power wetter ground ing point b/ (st.)</li> <li>1.0 81.3 (of. 28, T.G. I Roported 32 fort drawdow runging 290 getters of the second seco</li></ul>	-				cords c	btaine	ea by C. R. Follett
point         balow [measure- motory manet]         and of [ground]         and point         b/         s/           25         1.0         81.8 [oct. 29, 7.6, 1]         Exported 32 fort dreadown exprise 200 gellens. In 1937, Tarring a number of the second second in 1937, Tarring a number of the second second in 1937, Tarring a number of the second seco							
bove measure must power weter (ft.) $g/(tt.)$ : 25 1.0 81.3 [oct. 29, T.G. I Reported 32 fort dreadown sumplity 200 gellow 26 None N Let at 160 feet. "Mod Acd" at 223 Gr. 26 T.G. N Drilled for irrigation. Reported yield, 500 27 T.G. N Drilled for irrigation. Reported yield, 200 27 T.G. N Drilled for irrigation. Reported yield, 200 27 T.G. N Drilled for irrigation. Reported yield, 200 27 T.G. N Drilled for irrigation. Reported yield, 200 28 1.4 75 fort. 28, None N Do. 30 0.0 62.3 do. None N Do. 30 0.0 62.3 do. None N Do. 31 1.0 60.2 do. T.G. I Reported yield, 800 gellons a minute. No 40 foot dreaded may prime 1,200 gellons a minute. Tri- 40 foot dreaded may prime 1,200 gellons a minute. Tri- 33 T.G. I Reported yield, 800 gellons a minute. No 40 foot dreaded may prime 1,200 gellons a minute. 33 T.G. I Reported yield, 800 gellons a minute. Tri- 33 T.G. I Reported yield, 800 gellons a minute. Tri- 36 for the trigget of the do the standard for the trigget of trigget trigget trigget tri	No.	measuring	Depth	Date of	Pump		Remarks
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1	point	below	measure-	and	of	
(ft.)       g/(ft.)		above	measur	r- ment	power	water	
(ft.)       g/(ft.)		ground	ing po	oint	b/	<u>c/</u>	
25       1.0       81.3       6ct. 29, T.G.       I       Reported 32 fort drawform number, 1020 gellon, 200 g		(ft.) <u>a</u> /	(ft.)	1			
1627         85         e minute.         Irrigetad 329 cores in 1237. Loc.           26           None         N         bet at 120 fast.         Ned Ledg" at 225 for.           27           T, G,         N         Drilled for irrigation.         Reparted yield, 250           28         1.4         75         Oct. 28, None         N         Drilled for irrigation.         Reparted yield, 250           28         1.0         66.4         do.         None         N         Do.           30         0.0         52.3         do.         None         N         Do.           31         1.0         60.2         do.         T, G,         I         Reported yield, 830 gallons a minute.         None           32         1.3         77.2         do.         T, G,         I         Reported yield, 830 gallons a minute.         None           33           T, G,         I         Reported yield, 830 gallons a minute.         None           34         -          T, G,         I         Reported yield, 830 gallons a minute.         None           35         -         -         T, G,         I         Reported yield,	25	1.0			Ť,G,	I	Reported 32 fost drawdown pumping 900 gallous
26           Nome         N         lest at 120 feet, "Red Feet, "tody feet, tody food           27            T, G, N         Drilled for irrigation. Reported yield, 200           28         1.4         75         Oct. 28, Nome         N         Drilled for irrigation. Reported yield, 250           28         1.4         75         Oct. 28, Nome         N         Drilled for irrigation. Reported yield, 250           29         1.0         66.4         do. None         N         Do.           30         0.0         82.3         do. None         N         Do.           31         1.0         60.2         do. T.G, I         Reported yield, 800 gellons a minute.         New State           32         1.3         77.2         do. T.G, I         Reported yield, 800 gellons a minute.         New State           33         -         -         T, G, I         Reported yield, 800 gellons a minute.         Integration and gravel from 1970 to 240 feet.           34         -         -         T, G, I         Reported 350 feet drawdown pumping 1, 500 gellons a minute.         Irrigated 172 acros what and feed in 1937.           35         -         -         T, G, I         Reported 350 louns a minute.							a minute. Irrigated 329 acres in 1937. Fuor
Drilled for irrigetion. Reported yield, 250           27           T,G,         N         Drilled for irrigetion. Reported yield, 250           28         1.4         75         Oct. 28, Nome         N         Drilled for irrigetion. Reported yield, 250           28         1.4         75         Oct. 28, Nome         N         Drilled for irrigetion. Reported yield, 250           29         1.0         66.4         do.         None         N         Do.           30         0.0         62.3         do.         None         N         Do.           31         1.0         60.2         do.         T,G,         I         Reported yield, 830         gallons a minute.         No           32         1.3         77.2         do.         T,G,         I         Reported yield, 830         gallons a minute.         No           33           T,G,         I         Reported yield, 830         gallons a minute.         No           34           T,G,         I         Reported yield, 830         gallons a minute.         Irrighted 282           35           T,G,         I         Reported yield, 930         gallo	26					N	set at 120 feet, "Red Leds" at 208 for:
gallons a minute.         "Rad Back" at 169 rest.           27							Drilled for irrigation. Reported yield, 400
27							
85         pallons a minute.         "Red Bals" at 175 feet.           28         1.4         75         Oct. 28, None         N         Drilled for irrigation.         Reparted very weak           29         1.0         66.4         do.         None         N         Do.           30         0.0         62.3         do.         None         N         Do.           31         1.0         60.2         do.         Trigsted 292 acres in 1937. Reported 37           32         1.3         77.8         do.         Trigsted 292 acres in 1937. Reported 37           34         -         -         Trigsted 292 acres in 1937. Reported 37           35         -         -         Trigsted 292 acres in 1937. Reported 37           36         1.3         77.8         do.         Trigsted 292 acres in 1937. Reported 37           36         -         -         Trigsted 292 acres what and food in 1937.         Set acres what and food in 1937.           37         -         -         T.6, I         Reported 35 feet areadoom pumping 1,800 gel-           38         -         -         T.6, I         Reported 25 feet areadoom pumping 1,800 gel-           38         -         -         T.6, I         Irrigsted what,550 hours, pum	27	i			T.G.	N	
28         1.4         75         Oct. 28, Nome         N         Drilled for irrigation. Reported very weak 1937           29         1.0         66.4         do.         Nome         N         Do.           30         0.0         68.3         do.         Nome         N         Do.           31         1.0         60.2         do.         T,G,         I         Reported yield, 800 gallons a minute.         No           32         1.3         77.2         do.         T,G,         I         Prigted 292 acros in 1937. Reported 37           33         1.0         60.2         do.         T,G,         I         Prigted 292 acros in 1937. Reported 37           34         -         -         T,G,         I         Reported yind, 800 gallons a minute.         Irrigted 200 gallons a minute.           34         -         -         T,C,         I         Reported yind, 1000 gallons a minute.         Irrigted 200 gallons a minute.           35         -         T,C,         I         Reported yind, 1,000 gallons a minute.         Irrigted 200 gallons a minute.         Irrigted 200 gallons a minute.           36         1.5         5.7         Nov. 30.         T,G,         I         Irrigted 30 feet iredidom pumping 1,600 gallons a minute.<							
1937         supply.           29         1.0         66.4         do.         None         N         Do.           30         0.0         62.3         do.         None         N         Do.           31         1.0         60.2         do.         T, G,         I         Reported yield, 600 gallons a minute.         No           32         1.3         77.2         do.         T, G,         I         Irrigated 292 eeres in 1937. Reported 37           52         1.3         77.2         do.         T, G,         I         Irrigated 292 eeres in 1937. Reported 37           53           T, G,         I         Relsh and and grevel fron 177 to 240 feet.           54           T, G,         I         Reported yield, 800 gallons a minute.           55          T, G,         I         Reported yield, 900 gallons a minute.         Irrigated 260 ares where and freed in 1937.           56         4.5         59.3         Jume 5,         T, G,         I         Irrigated 260 ares where and freed in 1937.           56         4.5         59.3         Jume 5,         T, G,         I         Irrigated where, purp set at 100 feet.           57	28	1.4	75	Oct. 28.	the second s	N	Drilled for irrigation. Remarted very weak
29       1.0       66.4       do.       Nons       N       Do.         30       0.0       62.3       do.       Nons       N       Do.         31       1.0       60.2       do.       T,G,       I       Reported yield, 600 gellons a minute. No casing.         52       1.3       77.2       do.       T,G,       I       Irrigated 292 acres in 1937. Reported 37 foot drawdown, pumping 1,200 gellons a minute.         53         T,G,       I       Rangerted yield, 292 acres in 1937. Reported 37 foot drawdown, pumping 1,500 gellons a minute.         54         T,G,       I       Reported yield, 280 relions a minute.         54         T,G,       I       Reported yield, 1000 gellons a minute.         55         T,G,       I       Reported 35 foot drawdown pumping 1,500 gellog.         56       4.5       59.3       Jume 5, T,G,       I       Reported which, 505 hours, pumping 1 log.         57       1.0       63.7       Sopt.13, T,G,       I       Reported yield, 1,103 gellons a minute.         58       0.3       55.3       do.       C,W       D,S       Betlmated yield, 1,103 gellons a minute.         39	~0	A	1		1.0110		=
30         0.0         62.3         do.         Nons         N         Do.           31         1.0         60.2         do.         T,G,         I Reported yisld, 600 gellons a minute. No           32         1.3         77.2         do.         T,G,         I Irrigeted 292 acros in 1937. Reported 37           32         1.3         77.2         do.         T,G,         I Irrigeted 292 acros in 1937. Reported 37           33	29	1 0	66 4	the second secon	None	I N	
31         1.0         60.2         do.         T, G,         I         Reported yield, 800 gallons a minute. No casing.           32         1.3         77.2         do.         T, G,         I         Irrigated 292 acres in 1937. Reported 37 foot freewdown, pumping 1, 200 gallons a minute.           33           T, G,         I         R-Figated 292 acres in 1937. Reported 37           34           T, G,         I         R-Jand and grevel fron 177 to 240 feet.           34           T, C,         I         Reported yield, 800 gallons a minute.           34           T, C,         I         Reported yield, 10.00 gallons a minute.           35           T, C,         I         Reported yield, 10.00 gallons a minute.           36         4.5         59.3         June 5,         T, C,         I         Reported 35 feet drawdown pumping 1,500 gallons.           37         1.0         63.7         Sopt 18, T, G,         I         Irrigated Wheat, 550 hours, pumping 1,600.           38         0.3         55.3         do.         C,W         D,S         Batinated yield, 1,100 gallons a minute.           3937         1.5         55.7 <td>22</td> <td>1.0</td> <td>00.1</td> <td>u0.</td> <td>NOILS</td> <td></td> <td></td>	22	1.0	00.1	u0.	NOILS		
31         1.0         60.2         do.         T, G,         I         Reported yield, 800 gallons a minute. No casing.           32         1.3         77.2         do.         T, G,         I         Irrigated 292 acres in 1937. Reported 37 foot freewdown, pumping 1, 200 gallons a minute.           33           T, G,         I         R-Figated 292 acres in 1937. Reported 37           34           T, G,         I         R-Jand and grevel fron 177 to 240 feet.           34           T, C,         I         Reported yield, 800 gallons a minute.           34           T, C,         I         Reported yield, 10.00 gallons a minute.           35           T, C,         I         Reported yield, 10.00 gallons a minute.           36         4.5         59.3         June 5,         T, C,         I         Reported 35 feet drawdown pumping 1,500 gallons.           37         1.0         63.7         Sopt 18, T, G,         I         Irrigated Wheat, 550 hours, pumping 1,600.           38         0.3         55.3         do.         C,W         D,S         Batinated yield, 1,100 gallons a minute.           3937         1.5         55.7 <td>30</td> <td>0.0</td> <td>69 3</td> <td>da</td> <td>Nono</td> <td>N</td> <td>Do</td>	30	0.0	69 3	da	Nono	N	Do
40         casing.           32         1.3         77.2         do.         T,G,         I         Irrigeted 292 acres in 1937. Reported 37 foot farwdown, purping 1,200 gallons a min- ute for 140 hours. Furps set at 120 feet.           33           T,G,         I         Ra-ISand and grevel from 177 to 240 feet.           34           T,G,         I         Reported yield, 860 gallons a minute. Irri- geted 172 ecres whrat and feed in 1937.           35           T,G,         I         Reported yield, 1,000 gallons a minute. Irri- geted 172 ecres whrat and feed in 1937.           36         4.5         59.3 June 5, T.G,         I         Reported 35 feed drawdown pumping 1,500 gal- lons a minute. Purp set at 110 feet. See           37         1.0         63.7 Sept.13, T,G,         I         Irrigeted wheat, 550 hours, pumping 1.600, lons a minute.           38         0.3         55.3         do.         C,W         D,S         Estimated yield, 1,100 gallons a minute.           39         1.5         55.7         Nov. 30, T,C,-         I         Reported yield, 1,100 gallons a minute.           40          61         d/         T,G,         I         Irrigeted 167 ecres truck, wheat and heyel.           41	50	0.0	02.0	u0.	Noue	IN IN	
40         casing.           32         1.3         77.2         do.         T,G,         I         Irrigeted 292 acres in 1937. Reported 37 foot farwdown, purping 1,200 gallons a min- ute for 140 hours. Furps set at 120 feet.           33           T,G,         I         Ra-ISand and grevel from 177 to 240 feet.           34           T,G,         I         Reported yield, 860 gallons a minute. Irri- geted 172 ecres whrat and feed in 1937.           35           T,G,         I         Reported yield, 1,000 gallons a minute. Irri- geted 172 ecres whrat and feed in 1937.           36         4.5         59.3 June 5, T.G,         I         Reported 35 feed drawdown pumping 1,500 gal- lons a minute. Purp set at 110 feet. See           37         1.0         63.7 Sept.13, T,G,         I         Irrigeted wheat, 550 hours, pumping 1.600, lons a minute.           38         0.3         55.3         do.         C,W         D,S         Estimated yield, 1,100 gallons a minute.           39         1.5         55.7         Nov. 30, T,C,-         I         Reported yield, 1,100 gallons a minute.           40          61         d/         T,G,         I         Irrigeted 167 ecres truck, wheat and heyel.           41	771	1 0	60.0	2 -	m a	<del>-</del>	Demonstrad wield 200 gollong & minute No
32       1.3       77.2       do.       T,G,       I Irrigated 292 acres in 1937. Reported 37         33         T,G,       I Ra-ISand and grevel from 177 to 240 feet.         34         T,G,       I Ra-ISand and grevel from 177 to 240 feet.         34         T,G,       I Reported yield, 800 gellons a minute.       Irrigated 262 acres what and feed in 1937.         35         T,G,       I Reported yield, 800 gellons a minute.       Irrigated 262 acres what and feed in 1937.         36         T,G,       I Reported yield, 1000 gellons a minute.       Irrigated 263 feet drawdown pumping 1,500 gellons a minute.         36       4.5       59.3       June 5, T,G,       I Irrigated what, 550 hours, pumping 105.         36       4.5       Sopt.13, T,G,       I Irrigated what, 550 hours, pumping 105.         37       1.0       63.7       Sopt.3, T,G, - I Reported yield, 1,002 gellons a minute.         38       0.3       55.3       do.       C,W       D,S         39       1.5       55.7       Nov. 30, T,G, - I Reported yield, 5 gellons a minute.       Pump set at 120 feet. Set 210 feet of 14-	51	T.0	00.2	αο.		1 1	•
40     fort drewdown, pumping 1,200 gellons a minuta for 140 hours. Pump set at 120 feet.       33	- 70						
133     133     133     135 <td>32</td> <td>1.3</td> <td>11.2</td> <td>ao.</td> <td>•</td> <td>1</td> <td>Irrigated 292 acres in 1957. Reported 57</td>	32	1.3	11.2	ao.	•	1	Irrigated 292 acres in 1957. Reported 57
33         T, G, I       Ro-Sand and grevel from 177 to 240 feet. ported yield, 850 gellons a minute.         34         T, G, I       Reported yield, 850 gellons a minute.       Irri- stated 172 acros what and feed in 1937.         35         T, C, I       Reported yield, 1000 gallons a minute.       Irri- stated 172 acros what and feed in 1937.         36       4.5       59.3       June 5, T, C, I       Reported 35 foot drawdown pumping 1,500 gal- lons a minute.       Purp set at 110 feet.       See         37       1.0       63.7       Sopt.13, T, G, I       Irrigeted wheat, 550 hours, pumping log. 1937       So         38       0.3       55.3       do.       C, W       D, S       Estimated yield, 1,100 gallons a minute.         39       1.5       55.7       Nov. 30, T, G, - I       Reported yield, 1,100 gallons a minute.         40       61 <u>d</u> /       T, G, I       Irrigeted 167 acres truck, wheat and levol. 1937         41       -       -       None       N       Drilled for irrigetion.       Reported yield, 300 gallons         42       -       -       T, G, N       Do.       la minute.       Imrigeted 163 acres feed and alfalfa in 1937.         44       -       -       None       N					40		feet drawdown, pumping 1,200 gallons a min-
34						ļ	
34         T, G, I       Reported yild, 800 gallons a minute. Irrigget a cross what and feed in 1957.         35         T, G, I       Reported yield, 1,000 gallons a minute. Irrigetad 260 eares what and feed in 1957.         36       4.5       59.3 June 5, T, G, I       Reported 35 feat drawdown pumping 1,500 gallons a minute. Irrigetad 260 eares what and feed in 1937.         36       4.5       59.3 June 5, T, G, I       Irrigetad 260 eares what and feed in 1937.         37       1.0       63.7 Sopt.13, T, G, I       Irrigetad wheat, 550 hours, pumping 1,600 gallons a minute.         38       0.3       55.3       do.       C,W       D,S         38       0.3       55.7       Nov. 30, T, G, I       Reported yield, 5 gallons a minute.         9       1.5       55.7       Nov. 30, T, G, I       Irrigetad 167 cares truck, wheat and level.         40       61 <u>d</u> /       T, G, I       Irrigetad 167 cares truck, wheat and level.         41         None       N       Drilled for irrigation. Reported yield, 300 gallons a minute.         42         T, G, N       Do.       Ia minute.         43         T, G, N       Do.       Ia minute.         44       - <td>33</td> <td></td> <td></td> <td></td> <td></td> <td>I</td> <td></td>	33					I	
35						} 	
35         T,C, I       Reported yield, 1,000 gallons a minute. Irrigated 260 acres wheat and feed in 1937.         36       4.5       59.3       June 5, T,G, I       Reported 35 feed drawdown pumping 1,500 gallons a minute. Purp set at 110 faet. See         37       1.0       63.7       Sopt.13, T,G, I       Irrigated wheat, 550 hours, pumping 10g.         38       0.3       55.3       do.       C,W       D,S       Estimated yield, 1,100 gallons a minute.         39       1.5       55.7       Nov. 30, T,G, - I       Reported yield, 1,100 gallons a minute.       1937         40       -       61       d/       T,G, I       Irrigated 167 cores truck, wheat and Level.         40       -       61       d/       T,G, I       Irrigated 167 cores truck, wheat and Level.         41       -       -       None       N       Drillod 100 feet. "Red Beds" at 276 feet.         42       -       -       T,G, N       Do.       laminute.         43       -       -       -       None       N       Drilled for irrigation. Reported yield, 200 gallons a minute.         44       -       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons a minute.         45       -       <	34					į I	
36       36       rigetod 260 acres whoth and foed in 1937.         36       4.5       59.3 June 5, T.G., I       Reported 35 feed drawdown pumping 1,500 gal- lons a minute. Pump set at 110 feet. See         37       1.0       63.7 Sopt.13, T.G., I       Irrigated wheat, 560 hours, pumping log.         38       0.3       55.3       do.       C.W       D,S       Estimated yield, 5 gallons a minute.         39       1.5       55.7 Nov. 30, T.G I       Reported yield, 1,100 gallons a minute.       Pump set at 120 feet. Set 210 feet of 14- inch steel crsing, perforated below water         40       61       d/       T.G. I       Irrigetod 167 orces truck, wheat and level.         41       -       -       None       N       Drillod 100 feet. "Red Beds" at 276 feet. for irrigetion. Reported yield, 300 gallons         42       -       -       T.G. N       Do.       la minute.         43       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons a minute.         44       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons a minute.         45       -       60       d/       T.G. I       Irrigated 63 acres feed and alfalfa in 1937.         44       -       -       -       None				1	85		
36       4.5       59.3       June 5, T, G, I       Reported 35 feet drawdown pumping 1,500 gallos a lons a minute. Purp set at 110 feet. See         37       1.0       63.7       Sopt.13, T, G, I       Irrigated wheat, 550 hours, pumping log. 1937         38       0.3       55.3       do.       C,W       D,S       Estimated yield, 5 gallons a minute.         39       1.5       55.7       Nov. 30, T, G, I       I Reported yield, 1, 100 gallons a minute.         40       61       d/       T, G, I       I Irrigated 167 cores truck, wheat and level.         40       61       d/       T, G, I       I Irrigated 167 cores truck, wheat and level.         40       61       d/       T, G, N       Do gallons a minute.       Pump set at 276 feet.         41       -       -       None       N       Drillod 100 feet. "Red Beds" at 276 feet.         43       -       -       -       None       N       Do.       la minute.         44       -       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons a minute.         45       -       60       d/       T, G, I       Irrigated 63 acres feed and alfalfa in 1937.         44       -       -       -       None       N	35				Τ, G,	I	Reported yield, 1,000 gallons a minute. Ir-
1937       100       lons a minute. Purp set at 110 feet. See         37       1.0       63.7       Sopt.13, T, G, I       Irrigated what, 550 hours, pumping log.         38       0.3       55.3       do.       C,W       D,S       Estimated yield, 5 gallons a minute.         39       1.5       55.7       Nov. 30, T, G, I       Reported yield, 1,100 gallons a minute.         40       61       d/       T, G, I       Irrigated 167 ceres truck, wheat and level.         40       61       d/       T, G, I       Irrigated 167 ceres truck, wheat and level.         41       -       -       None       N       Dumping 900 gallons a minute.       Pump set at 276 feet.         42       -       -       None       N       Do.       la minute.         43       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons         44       -       -       -       None       N       Drilled for irrigation. Reported yield, 300         44       -       -       -       None       N       Drilled for irrigation. Reported yield, 300         44       -       -       -       None       N       Drilled for irrigation. Reported yield, 300         45					85		rigated 260 acres whoat and feed in 1937.
37       1.0       63.7       Sopt.13, T,G, I       Irrigated wheat, 550 hours, pumping log.	36	4.5	59.3	June 5,	Τ,G,	I	Reported 35 feet drawdown pumping 1,500 gal-
1937       35       B50 gallons a minute,         38       0.3       55.3       do.       C,W       D,S       Estimated yield, 5 gallons a minute.         39       1.5       55.7       Nov. 30, T,G, -       I       Reported yield, 1,100 gallons a minute.         40       61       d/       T,G, I       Irrigatod 167 acres truck, wheat and level.         40       61       d/       T,G, I       Irrigatod 167 acres truck, wheat and level.         41       -       -       None       N       Drilled 100 feet. "Red Beds" at 276 feet.         41       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons         42       -       -       T,G, N       Do.       la minute.         43       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons         44       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons a minute.         45       -       60       d/       T,G, I       Irrigated 63 acres feed and alfalfa in 1937.         46       1.0       69.9       Dec. 2, T,G, I       Irrigated 25 acres feed in 1937. Reported yield, 900 gallons a minute.       Pump set at 160 feet.         46				1937	100		lons a minute. Pump set at 110 feet. See
1937       35       B50 gallons a minute,         38       0.3       55.3       do.       C,W       D,S       Estimated yield, 5 gallons a minute.         39       1.5       55.7       Nov. 30, T,G, -       I       Reported yield, 1,100 gallons a minute.         40       61       d/       T,G, I       Irrigatod 167 acres truck, wheat and level.         40       61       d/       T,G, I       Irrigatod 167 acres truck, wheat and level.         41       -       -       None       N       Drilled 100 feet. "Red Beds" at 276 feet.         41       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons         42       -       -       T,G, N       Do.       la minute.         43       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons         44       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons a minute.         45       -       60       d/       T,G, I       Irrigated 63 acres feed and alfalfa in 1937.         46       1.0       69.9       Dec. 2, T,G, I       Irrigated 25 acres feed in 1937. Reported yield, 900 gallons a minute.       Pump set at 160 feet.         46	37	1.0	63.7	Sept.13,	T,G,	I	Irrigated wheat, 550 hours, pumping log.
38       0.3       55.3       do.       C,W       D,S       Estimated yield, 5 gallons a minute.         39       1.5       55.7       Nov. 30, T,G, -       I       Reported yield, 1,100 gallons a minute.         40       -       61       d/       T,G,       I       Irrigated 167 meres truck, wheat and level.         40       -       61       d/       T,G,       I       Irrigated 167 meres truck, wheat and level.         40       -       61       d/       T,G,       I       Irrigated 167 meres truck, wheat and level.         40       -       61       d/       T,G,       I       Irrigated 167 meres truck, wheat and level.         40       -       61       d/       T,G,       I       Irrigated 167 meres truck, wheat and level.         41       -       -       None       N       Drilled 100 feet. "Red Beds" at 276 feet.         42       -       -       T,G,       N       Do.       la minute.         43       -       -       T,G,       N       Do.       la minute.         44       -       -       None       N       Drilled for irrigation.       Reported yield, 300 gallons a minute.         44       -       - <t< td=""><td></td><td></td><td></td><td></td><td>35</td><td></td><td></td></t<>					35		
39       1.5       55.7       Nov. 30, T, G, -       I       Reported yield, 1, 100 gallons a minute.         40       61 <u>d</u> /       T, G, I       Irrigated 16 acres truck, wheat and <u>level</u> .         40       61 <u>d</u> /       T, G, I       Irrigated 16 acres truck, wheat and <u>level</u> .         41       -       -       None       N       Drilled <u>loo feet</u> . "Red Beds" at 276 feet.         42       -       -       -       T, G, N       Do. <u>a minute</u> .         42       -       -       -       T, G, N       Do. <u>a minute</u> .         43       -       -       -       None       N       Drilled for irrigation. Reported yield, 200 gallons a minute.         44       -       -       None       N       Drilled for irrigation. Reported yield, 300 pallons         44       -       -       -       None       N       Drilled for irrigation. Reported yield, 300         45       -       -       -       None       N       Drilled for irrigation. Reported yield, 300         46       1.0       69.9       Dec. 2, T, G, I       Irrigated 63 acres feed and alfalfa in 1937.         46       1.0       69.9       Dec. 2, T, G, I       Irrigated 25 acres feed in 1937. Repo	38	0.3	55.3	do.	C,W	D,S	Estimated yield, 5 gallons a minute.
1937Pump set at 120 feet. Set 210 fect of 14- inch steel crsing, perforated below weter4061d/T, G,IIrrigated 167 ecres truck, wheat and level. feed in 1537. Reported 38 feet drawdown pumping 900 gallohs a minute. Pump set at41NoneNDrilled 100 feet. "Red Beds" at 276 feet. for irrigation. Reported yield, 300 gallons42T, G,NDo.la minute.43NoneNDrilled for irrigation. Reported yield, 200 gallons a minute. "Red Beds" at 140 feet.44NoneNDrilled for irrigation. Reported yield, 200 gallons a minute. "Red Beds" at 146 feet.44NoneNDrilled for irrigation. Reported yield, 300 gallons a minute. "Red Beds" at 146 feet.45-60d/T, G,IIrrigated 63 acres feed and alfalfa in 1937. Reported yield, 900 gallons a minute. Pump set at 100 feet. "Red Beds" at 161 feet.461.069.9 Dec. 2,T, G,IIrrigated 25 acres feed in 1937. Reported yield, 900 gallons a minute. Pump set at 84 feet. "Red Beds" at 126 feet. No easing.47-63d/T, G,IIrrigated 43 acres feed, wheat and truck in 1937. Roported supply weakened after pump- ing 700 gallons a minute for 168 hours.							
1937Pump set at 120 feet. Set 210 fect of 14- inch steel crsing, perforated below weter4061d/T, G,IIrrigated 167 ecres truck, wheat and level. feed in 1537. Reported 38 feet drawdown pumping 900 gallohs a minute. Pump set at41NoneNDrilled 100 feet. "Red Beds" at 276 feet. for irrigation. Reported yield, 300 gallons42T, G,NDo.la minute.43NoneNDrilled for irrigation. Reported yield, 200 gallons a minute. "Red Beds" at 140 feet.44NoneNDrilled for irrigation. Reported yield, 200 gallons a minute. "Red Beds" at 146 feet.44NoneNDrilled for irrigation. Reported yield, 300 gallons a minute. "Red Beds" at 146 feet.45-60d/T, G,IIrrigated 63 acres feed and alfalfa in 1937. Reported yield, 900 gallons a minute. Pump set at 100 feet. "Red Beds" at 161 feet.461.069.9 Dec. 2,T, G,IIrrigated 25 acres feed in 1937. Reported yield, 900 gallons a minute. Pump set at 84 feet. "Red Beds" at 126 feet. No easing.47-63d/T, G,IIrrigated 43 acres feed, wheat and truck in 1937. Roported supply weakened after pump- ing 700 gallons a minute for 168 hours.	39	1.5	55.7	Nov. 30,	T,G,-	I	Reported yield, 1,100 gallons a minute.
4061 <u>d</u> /T,G,IIrrigetod 167 cores truck, wheat and level. feed in 1637. Reported 38 feet drewdown pumping 900 gallols a minute. Pump set at41NoneNDrilled 100 feet. "Red Beds" at 276 feet. for irrigation. Reported yield, 300 gallons42T,G,NDo.la minute.43NoneNDrilled for irrigation. Reported yield, 200 gallons a minute.la minute.43NoneNDrilled for irrigation. Reported yield, 200 gallons a minute.la minute.44NoneNDrilled for irrigation. Reported yield, 300 gallons a minute.la minute.4560 <u>d</u> /T,G,IIrrigated 63 acres feed and alfalfa in 1937. Reported yield, 700 gallons a minute. Pump set at 100 feet. "Red Beds" at 161 feet.461.069.9Dec. 2,T,G,IIrrigated 25 acres feed in 1937. Reported yield, 900 gallons a minute. Pump set at 854763 <u>d</u> /T,G,IIrrigated 43 acres feed, wheat and truck in 1937. Roported supply weakened after pump- ing 700 gallons a minute for 168 hours.							
40       -       61       d/       T,G,       I       Irrigated 167 acres truck, wheat and level.         41       -       -       None       N       Drilled [100 feet. "Red Beds" at 276 feet.         41       -       -       None       N       Drilled [100 feet. "Red Beds" at 276 feet.         42       -       -       -       T,G,       N       Do.       la minute.         43       -       -       -       Rone       N       Drilled for irrigation. Reported yield, 200 gallons a minute.         44       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons a minute.         45       -       60       d/       T,G,       I       Irrigated 63 acres feed and alfalfa in 1937.         45       -       60       d/       T,G,       I       Irrigated 63 acres feed and alfalfa in 1937.         46       1.0       69.9 Dec. 2,       T,G,       I       Irrigated 25 acres feed in 1937. Reported         47       -       63       d/       T,G,       I       Irrigated 25 acres feed in 1937. Reported         47       -       63       d/       T,G,       I       Irrigated 43 acres feed, wheat and truck in         1937 <t< td=""><td></td><td>*</td><td></td><td></td><td></td><td></td><td></td></t<>		*					
41       -       -       None       N       Drilled [100 feet. "Red Beds" at 276 feet. for irrightion, Reported yield, 300 gallons         42       -       -       T,G, N       Do.       a minute.         43       -       -       None       N       Drilled for irrightion. Reported yield, 200 gallons a minute.         43       -       -       None       N       Drilled for irrightion. Reported yield, 200 gallons a minute.         44       -       -       None       N       Drilled for irrightion. Reported yield, 300 gallons a minute.         44       -       -       None       N       Drilled for irrightion. Reported yield, 300 gallons a minute.         45       -       60       d/       T,G, I       Irrighted 63 acres feed and alfalfa in 1937.         46       1.0       69.9 Dec. 2, T,G, I       Irrighted 25 acres feed in 1937. Reported yield, 900 gallons a minute.       Pump set at 84 feet.         47       -       63       d/       T,G, I       Irrighted 43 acres feed, wheat and truck in 1937. Reported yield, 900 gallons a minute.         47       -       63       d/       T,G, I       Irrighted 43 acres feed, wheat and truck in 1937. Reported supply weakened after pump-ing 700 gallons a minute for 168 hours.	40		61	a/	T.G.	I	
41       -       -       None       N       Drilled [100 fect. "Red Beds" at 276 feet. for irrigation. Reported yield, 300 gallons         42       -       -       T,G, N       Do.       [a minute.]         43       -       -       None       N       Drilled for irrigation. Reported yield, 200 gallons a minute. "Red Beds" at 140 feet.         44       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons a minute.         44       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons a minute.         44       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons a minute.         44       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons a minute.         45       -       60       d/       T,G, I       Irrigated 63 acres feed and alfalfa in 1937.         46       1.0       69.9 Dec. 2, T,G, I       Irrigated 25 acres feed in 1937. Reported yield, 900 gallons a minute. Pump set at 34 feet.         47       -       63       d/       T,G, I       Irrigated 43 acres feed, wheat and truck in 1937. Reported yield, 900 gallons a minute.         47       -       63       d/       T,G, I       Irrigated 43 acres feed, wheat and truc			1		1		
41       -       -       None       N       Drilled 100 feet. "Red Beds" at 276 feet. for irrigation. Reported yield, 300 gallons         42       -       -       T,G,       N       Do.       a minute.         43       -       -       None       N       Drilled for irrigation. Reported yield, 200 gallons a minute. "Red Beds" at 140 feet.         44       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons a minute. "Red Beds" at 140 feet.         45       -       60       d/       T,G,       I       Irrigated 63 acres feed and alfalfa in 1937. Reported yield, 700 gallons a minute. Pump set at 100 feet. "Red Beds" at 161 feet.         46       1.0       69.9 Dec. 2,       T,G,       I       Irrigated 25 acres feed in 1937. Reported yield, 900 gallons a minute. Pump set at 84 feet. "Red Beds" at 126 feet. No easing.         47       -       63       d/       T,G,       I       Irrigated 43 acres feed, wheat and truck in 1937. Reported supply weakened after pump- ing 700 gallons a minute for 168 hours.			1				
42         T, G, N       Do.        a minute.         43         None       N       Drilled for irrigation. Reported yield, 200 gallons a minute.         44         None       N       Drilled for irrigation. Reported yield, 200 gallons a minute.         44         None       N       Drilled for irrigation. Reported yield, 300 gallons a minute.         45         None       N       Drilled for irrigation. Reported yield, 300 gallons a minute.         45        60       d/       T, G,       I       Irrigated 63 acres feed and alfalfa in 1937.         45        60       d/       T, G,       I       Irrigated 63 acres feed in 1937. Reported yield, 900 gallons a minute. Pump set at 100 feet.         46       1.0       69.9       Dec. 2,       T, G,       I       Irrigated 25 acres feed in 1937. Reported yield, 900 gallons a minute. Pump set at 84 feet.         47        63       d/       T, G,       I       Irrigated 43 acres feed, wheat and truck in 1937. Roported supply weakened after pump-ing 700 gallons a minute for 168 hours.	4]				None	N	
42       -       -       T,G, N       Do.       a minute.         43       -       -       None       N       Drilled for irrigation. Reported yield, 200 gallons a minute. "Red Beds" at 140 feet.         44       -       -       None       N       Drilled for irrigation. Reported yield, 300 gallons a minute. "Red Beds" at 140 feet.         45       -       60       d/       T,G, I       Irrigated 63 acres feed and alfalfa in 1937.         45       -       60       d/       T,G, I       Irrigated 63 acres feed and alfalfa in 1937.         46       1.0       69.9 Dec. 2, T,G, I       Irrigated 25 acres feed in 1937. Reported yield, 900 gallons a minute. Pump set at 84 feet. "Red Beds" at 126 feet. No easing.         47       -       63       d/       T,G, I       Irrigated 43 acres feed, wheat and truck in 1937. Reported yield, 900 gallons a minute. Pump set at 84 feet. "Red Beds" at 126 feet. No easing.         47       -       63       d/       T,G, I       Irrigated 43 acres feed, wheat and truck in 1937. Reported yield, 900 gallons a minute for 168 hours.					-		
43         None       N       Drilled for irrigation. Reported yield,200 gallons a minute. "Red Beds" at 140 feet.         44         None       N       Drilled for irrigation. Reported yield, 300 gallons a minute. "Red Beds" at 146 feet.         45        60       d/       T,G,       I       Irrigated 63 acres feed and alfalfa in 1937. Reported yield, 700 gallons a minute. Pump set at 100 feet. "Red Beds" at 161 feet.         46       1.0       69.9       Dec. 2,       T,G,       I       Irrigated 25 acres feed in 1937. Reported yield, 900 gallons a minute. Pump set at 84 feet. "Red Beds" at 126 feet. No easing.         47        63       d/       T,G,       I       Irrigated 43 acres feed, wheat and truck in 1937. Roported supply weakened after pumping 700 gallons a minute for 168 hours.	42				T.G.	N	
43         None       N       Drilled for irrigation. Reported yield,200 gallons a minute. "Red Beds" at 140 feet.         44         None       N       Drilled for irrigation. Reported yield, 300 gallons a minute. "Red Beds" at 146 feet.         45        60 <u>d</u> /       T,G,       I       Irrigated 63 acres feed and alfalfa in 1937. Reported yield, 700 gallons a minute. Pump set at 100 feet. "Red Beds" at 161 feet.         46       1.0       69.9       Dec. 2,       T,G,       I       Irrigated 25 acres feed in 1937. Reported yield, 900 gallons a minute. Pump set at 84 feet. "Red Beds" at 126 feet. No easing.         47        63 <u>d</u> /       T,G,       I       Irrigated 43 acres feed, wheat and truck in 1937. Reported supply weakened after pump-ing 700 gallons a minute for 168 hours.					1	1	
44NoneNDrilled for irrigation. Reported yield, 300 gallons a minute. "Red Beds" at 140 feet.4560d/T,G,IIrrigated 63 acres feed and alfalfa in 1937. Reported yield, 700 gallons a minute. Pump set at 100 feet. "Red Beds" at 161 feet.461.069.9Dec. 2,T,G,IIrrigated 25 acres feed in 1937. Reported yield, 900 gallons a minute. Pump set at 84 feet. "Red Beds" at 126 feet. No casing.4763d/T,G,IIrrigated 43 acres feed, wheat and truck in 1937. Reported supply weakened after pump- ing 700 gallons a minute for 168 hours.	43					N	Drilled for irrigation. Reported vield, 200
44         None       N       Drilled for irrigation. Reported yield, 300 gallons a minute. "Red Beds" at 146 feet.         45        60       d/       T,G,       I       Irrigated 63 acres feed and alfalfa in 1937. Reported yield, 700 gallons a minute. Pump set at 100 feet. "Red Beds" at 161 feet.         46       1.0       69.9       Dec. 2,       T,G,       I       Irrigated 25 acres feed in 1937. Reported in 1937. Reported yield, 900 gallons a minute. Pump set at 84 feet. "Red Beds" at 126 feet. No easing.         47        63       d/       T,G,       I       Irrigated 43 acres feed, wheat and truck in 1937. Reported supply weakened after pump-ing 700 gallons a minute for 168 hours.	-0				1.0116	1	
4560d/T,G,IIrrigated 63 acres feed and alfalfa in 1937. Reported yield, 700 gallons a minute. Pump set at 100 feet. "Red Beds" at 161 feet.461.069.9 Dec. 2,T,G,IIrrigated 25 acres feed in 1937. Reported yield, 900 gallons a minute. Pump set at 84 feet. "Red Beds" at 126 feet. No easing.4763d/T,G,IIrrigated 43 acres feed, wheat and truck in 1937. Reported supply weakened after pump- ing 700 gallons a minute for 168 hours.	44		<u>+</u>		None	N	
45       -       60       d/       T,G, I       Irrigated 63 acres feed and alfalfa in 1937. Reported yield, 700 gallons a minute. Pump set at 100 feet. "Red Beds"at 161 feet.         46       1.0       69.9 Dec. 2, T,G, I       Irrigated 25 acres feed in 1937. Reported 1937       Irrigated 25 acres feed in 1937. Reported yield, 900 gallons a minute. Pump set at 84 feet. "Red Beds" at 126 feet. No easing.         47       -       63       d/       T,G, I       Irrigated 43 acres feed, wheat and truck in 1937. Reported supply weakened after pump- ing 700 gallons a minute for 168 hours.	**	1			1.0110		
85Reported yield, 700 gallons a minute. Pump set at 100 feet. "Red Beds"at 161 feet.461.069.9 Dec. 2, T,G, I 1937Irrigated 25 acres feed in 1937, Reported yield, 900 gallons a minute. Pump set at 84 feet. "Red Beds" at 126 feet. No easing.47-63d/T,G, I 30Irrigated 43 acres feed, wheat and truck in 1937. Reported supply weakened after pump- ing 700 gallons a minute for 168 hours.	45		60	3/	Ta	T	
46       1.0       69.9       Dec. 2, T,G, I       Irrigated 25 acres feed in 1937. Reported yield, 900 gallons a minute. Pump set at 84 feet. "Red Beds" at 126 feet. No easing.         47       -       63       d/       T,G, I       Irrigated 43 acres feed, wheat and truck in 1937. Reported supply weakened after pump-ing 700 gallons a minute for 168 hours.	70	1		<u> </u>	1		
461.069.9Dec. 2, 1937T,G, 85IIrrigated 25 acres feed in 1937, Reported yield, 900 gallons a minute. Pump set at 84 feet. "Red Beds" at 126 feet. No pasing.4763d/T,G, 30IIrrigated 43 acres feed, wheat and truck in 1937. Reported supply weakened after pump- ing 700 gallons a minute for 168 hours.			1		00		
193785yield, 900 gallons a minute. Pump set at 84 feet. "Red Beds" at 126 feet. No easing.4763d/T,G,I301937. Reported supply weakened after pump- ing 700 gallons a minute for 168 hours.	AC		60.0	Dec			
47     63     d/     T,G,     I     Irrigated 43 acres feed, wheat and truck in 1937. Reported supply weakened after pump-ing 700 gallons a minute for 168 hours.	40	T.O	09.9	1	1	1	
47 - 63 d/ T,G, I Irrigated 43 acres feed, wheat and truck in 30 1937. Reported supply weakened after pump- ing 700 gallons a minute for 168 hours.			1	17997	80		
30 1937. Reported supply weakened after pump- ing 700 gallons a minute for 168 hours.						<u> </u>	
ing 700 gallons a minute for 168 hours.	47		63	<u>a</u> /		Ļ	· +
		Ì			30	1	
Pump set at 84 feet. "Red Beds" at 147 feet.							
	<del></del>	I	1		l	<u> </u>	Pump set at 84 feet. "Red Beds" at 147 feet.

	-7- Records of wells in Swisher CountyContinued												
	}	Record	IS OI V	Wells in Swisne	r countycont	jauea		<u> </u>					
No.	Distance from	or	Block	Owner•	Driller	Topo- graphic	com-	Depth of	Diam- eter of				
	Tulia	Survey				situ- ation	ple- ted	well (ft.)	well (in.)				
48	ž mile northeast	27, NE <u>-NV1</u>	W-l	میں بر اور اور اور اور اور اور اور اور اور او		Gentle slope	01d		84				
49	<mark>불</mark> mile northeast	21, SW <del>1</del> SW <del>1</del>	W-1			Edge of lake	•	60	6				
50	a mile northeast	27, NW 1NW 1	W-1			Gentle slope	1923	69	6				
51	1 mile north	22, SW <del>]</del> NE4	W-1	City of Tulia	R. J. Stallings	do.	1914	140	18				
52	a mile west	11, SE <del>A</del> NE높	₩-1	đo∙	do.	do.	1922	198	18				
53	do.	do.	₩ <b>-</b> 1	do.	G. E. Hegins	do.	1926	160	26				
54	l <del>i</del> miles west	do.	W-1	D. H. Hyman	R. J. Stallings	do.	1911						
55	7 <u>‡</u> miles west	24, NW <u>‡</u> NE‡	M8	J. H. Bice	Calvin Hamm	do.	1934	157	18				
56	8 miles west	24, NW <u>i</u> NWi	M-8	Mrs. Ollie Settle	R. J. Stallings	do.	1937	270	18				
57	9 <del>1</del> miles west	24, SW4SE4	M6			do.	1936	200	18				
58		do.	M6			do.	1936	200	18				
59	10 miles west	23, NW cor. NW <sup>1</sup> / <sub>4</sub>	M-6	C. G. Jordan	Green Mch. Co.	Level	1935	200	18				
101	10 <del>1</del> miles north	95, SW 11NW 1	M-9	Dick Pair	John Clayton	Ridge top	1937	230	18				
102	10 miles north	95, SE cor. SE $\frac{1}{4}$	M-9	Union Hill School	an	Gentle slope		80	6				
		191, NW cor. SE <sup>1</sup> / <sub>4</sub>	M-9	J. B. Knowles		do.	1937	237	18				
104		88, SE cor. SE <sup>1</sup> / <sub>4</sub>	M-10			do.		80	6				
		101, NW cor. NW	M-10	J. V. Davis	T. W. Payne	do.	1937	186	18				
	19 miles northeast	94, NE <u>-</u> NE- <u>1</u>	M-10	J. T. McGehce	,	Ridge top	1937		18				
	$17\frac{1}{2}$ miles northeast	Lot 11, SW <del>1</del>	Lea- gue 4	Vigo Park School		Flat		80	6				
108	16 <del>1</del> miles northeast	Lot 23, NE <sup>1</sup> / <sub>4</sub>	Lea- gue 4	D. D. Augspurger	Layne Pump Co.	do.	1914	210	26				
	15 miles northeast	107, NW:NE4	M-10	E. R. Sprawls	T. W. Payne	Ridge top	1937	287	18				

-7-

						8
				cords o	obtain	ed by C. R. Follett
	Height of					
No•	measuring				Use	Romarks
	point		measure-		of	
	above	measu		power	1 .	
	ground	ling po		<u>b</u> /	<u>c</u> /	
	(ft.) <u>a</u> /	(ft.)				
48				ilonə	N	Dug 50 feet or more, drilled to bottom.
		ļ			<u>_</u>	Drilled for irrigation.
49	0.3	49.3	July 16, 1937	C,W	N	In Tulia.
50	0.3	61	do.	С, И	N	Do.
51		70	â/	T,E,	P	City well 5. Reported yield, 200 gallons u
01		10	<u>d</u> /	25	-	minute. Pump set at 130 feet. No casing.
52		70	<u>d/</u>	Σ.J Τ, Ε,	P	City wall 1. Reported 15 fest drawdown pung-
ΟZ		10	<u>u</u> /	1, E), 40	Г	ing 500 gallons a miruto for 4 hours. Pu.p
57			31	and the second sec		
53	4	70	<u>d</u> /	T,E,	P	City woll 2. Set at 173 feet. No casing.
				50		Reported yield, 775 gallons a minute. Pump
		ļ		NT.		sct at 150 feet. 150 feet of 26-inch per-
54				None	N	Dug and drillod. Pit forated casing at top.
<del></del>				<u> </u>	<u>↓</u>	nump was used. Abandoned as not practical
55	1.5	82.9	Oct. 29,		I	Irrigeted 104 acres, potatoes, in 1912.
			1937	60	1	grain and food in 1937. Reported yield,
					1	750 gallons a minuto. Pump set at 100 feet.
						No casing. Coarse sand from 90 to 130 foet.
56		78	<u>a</u> /	Τ,-	N	Reported yield, 250 gallons a minute. "Red Beds" at 158 feet.
57	0.5	91.5	Sept.14,	None	N	Reportoa tisla, 300 gillons a minute. "Rod
			1937			Bods" at 200 foot.
58	0.1	90.8	in the state of the second state of the	None	N	Reported work superly. "Red Bods" at 200
						feat.
59	0.5	114.1	do.	Т, Э,	I	Irrigated 142 acres alfel?s and wheat. Ro-
			_	85		ported 53 feet drawdown pumping 900 gallons
						a minute. Supply weakened after pumping 18
						days. Water level taken 4 hours after pump
						shut down. Reported water levels: 96 feet,
101	1.5	71.7	Nov. 29,	T,G,	I	Reported Dec. 1935; 95 feet, Dec. 1936.
TOT	1.00	1	1937	40		
		1	1001	-+0		vield, 500 gallons a minute. 138 feet of
102		1		C,W	P	14-inch steel casing at tor, perforated be-
						low water level.
103	2.0	82.5	Nov. 30,	Nche	N	Reported yield, 150 gallous a minute. "Red
			1937			Bads" at 170 fest.
104	<b>`~~</b>			C,W	Р	
		L				
105			ii.w	Nons	N	Weak supply. Reported could bail dry.
·		1				
106				T,G,-	I	
107			,	Ç,W	P	
108	3.3	74.8	Apr. 20,	T.D.	I	Irrigated 155 acres feed and wheat in 1937.
			1934	100	1	Reported yield, 1,000 gallons a minute.
	ł	75.6	Nov. 29,			See log.
			1937	7		
109	0, -	71.7	Nov. 29,	None	N	Reported yield, 250 gallons a minute.
		1	1937	11011.2	1 14	i sobornow Arciw, neo Earroup a minunce
	L	1	11201		<u> </u>	

				-9-	
ebro	of	wells	ih	Swisher	County-Continue

	Records of wells in Swisher CountyContinued													
No.	Distance from Tulia	e Section or Survey	Block Owner		Driller	Topo- graphic situ- ation	com-	Depth of well (ft.)	Diam- aver of wall (in.)					
110	15 miles northeast	107, SW <u>i</u> nei	M-10	T. W. Payne	T. W. Payne	Edge of lake	1933	166	18					
111	13 <del>1</del> miles northeast	105, NW cor. NE <sub>4</sub>	M-10	C. H. Lowe	J. M. Tucker	Ridge top	1937	235	18					
112	13 miles northeast	116, NW4NW4	M-10	E. V. Stewart	Green Mch. Co.	Flat	1937	200	18					
113	9 <sup>1</sup> / <sub>2</sub> miles northeast	198, SE <sup>1</sup> / <sub>2</sub> SW <sup>1</sup> / <sub>4</sub>	M-9	Mrs. J. M. Tucker	J. M. Tucker	Ridge top	1937	210	18					
113	9 miles north <b>east</b>	l, NW <del>l</del> NW <del>l</del>	RC.	Valleyview School		Slope		70	6					
114	9 miles northeast	163, NW <sup>1</sup> NW <sup>1</sup>	M-9	Hugh Parker	R. J. Stallings	Gentle slope	1937	218	13					
115	do.	164, SW4SW4	M9	W. W. Parker	W. D. Witt	do.	1937	226	13					
116	ll miles northeast	196, NW≟NW≟	M-9	A. R. Stewart	J. M. Tucker	do.	1937	200	18					
117	10 <del>1</del> miles northeast	159, NW cor. NW 1/2	M-9.	Mrs. W. L. Pearson	Harris	do.	1937	225	18					
		128, NW cor. N <b>E</b> 1	M9	T. L. Parker	R. J. Stallings	do.	1937	206	18					
	5 <mark>늘</mark> miles northeast	6, SW <u>‡SE‡</u>	RC.	N. G. Jackson		Gentle slope			7-8					
120	do.	8, NE NW -	RC.	Frank Kechn	Allman	Ridge top	1937	190	18					
121	do.	8, NW <u>1</u> SE <u>1</u>	RC.	Joe Reeves	R. P. McDaniels	do.	1937	142	18					
122	7 miles northeast	10, SW <del>1</del> NW <del>1</del>	RC.	J. E. Holly	do.	do.	1937	193	18					
123	9 <u>1</u> miles east	127, NW <u>ქSE</u> 1	M <b>1</b> 0	R. B. Pyeatt	E. R. Sprawl	s Gentle slopo	1936	125	18					
- / 3	looguning r	and such and a second	1 - 1 7 4		+	•	1							

a/ Measuring point was usually top of casing, top of wood pipe clamp, top of concrete pump foundation, or top of air-line hole in pump base.

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

	]	L0-			
Records	obtained	by	C.	R.	Follatt

					JUVAIM	ed by U. R. FOILEUL
	Height of	( The second sec	r Level			
No.	measuring		Date of		Use	Remarks
	point		measure-		of	
	above	measu		power		
	ground	ing po	oint	<u>b</u> /	<u>c/</u>	
	(ft.) <u>a</u> /	(ft.)	1			
110	<b>HER</b>	55	d/	T,G,	I	Irrigated 90 acres feed in 1937. Reported
1				45		yield, 750 gallons a minute. No casing.
						Pump set at 106 feet. Sand and gravel from
						140 to 160 feet. "Red Bods" at 160 feet.
111	0	75.1	Nov. 30,	Nono	N	Roported yield, 300 gallons a minute. 125
			1937			feet of 14-inch perforated steel casing from
						10 to 135 fect. "Red Beds" at 135 feet.
112	1.8	54.4	Nov. 26,	T,G,	I	Irrigated 80 acres feed and wheat in 1937.
			1937	85	-	Reported 25 feet drawdown pumping 700 gallons
1			1001	ĢĐ		a minute. Pump set at 144 feet. 20 feet of
i						14-inch perforated casing at bottom.
113	2.0	60 5	Nov. 30,	T,G,-	I	
	2.0	00.0		1,0,-	-	Irrigated 90 acres feed and wheat in 1937.
	l		1937	~ ~		Reported yield, 800 gallons a minute.
1138	a  —			C,W	P	
114	1.5	58 7	Nov. 15,	T,G,	I	Irrigated 280 acres feed and whoat in 1937.
T T T	1.0	00.7	1937	60	-	Reported 26 feet drawdown pumping 900 gallons
i			1907	00		
						a minute. Pump set at 120 feet. Sand and
						gravel from 187 to 209 feet. 209 feet of
						16-inch steel casing at top, perforated
115	1.5	58.9	do.	Τ,G,	I	Irrigated 235 acres feed and below water.
1				60		wheat in 1937. Reported 38 feet drawdown
						pumping 900 gallons a minute. Pump set at
						116 fect. Sand and gravel from 192 to 209
116	-	60	d/	T,G,	I	Irrigated 35 acres feed in 1937. Re- feet.
		ĺ		85		ported yield, 800 gallons a minute. Pump
Í	Į					set at 96 feet. "Red Beds" at 200 feet, 146
						feet of 14-and 12-inch perforated steel cas-
						ing from 34 to 180 feet. Sand and gravel
117		50	d;/	T,G,	I	Irrigated 80 acres from 188 to 200 feet.
	1			75	-	feed in 1937. Reported yield, 1,100 gallons
I					}	a minute. "Red Beds" at 225 foot. 225 feet
	4 14		-			of 16-and 12-inch steel casing perforated
118		54	d/	Т,С,	<u>                                      </u>	
110		1 27	<u> </u>	17,5, 85	1 <sup>1</sup>	Reported yield, 700 [below water level.
	1			00	1	gallons e minute. Pump set at 140 feet.
					1	150 feet of 16-inch steel casing at top, per-
	<u> </u>				<u></u>	forated below water level. "Red Beds" at
119				т, G,	I	<u>203 feet.</u>
120	1.0	51 4	Nov. 24,	 Т,G,	I	Irrigated 71 acres cotton and feed in 1937.
100	<b>±•</b> V	01.T	1937	85	-	Reported yield, 1,200 gallons a minute.
121			12.001	<u>о</u> , Т,С,	I	
767					1 <sup>1</sup>	Irrigated Pump set et 100 feet. No casing.
1	1			85		60 acres feed in 1937. Reported yield,
100					<u> </u>	1,100 gallons e minute. Pump set at 90 feet.
122	ilet.e	50	<u>d</u> /	T,G,	I	Irrigated 47 acres feed in 1937. No casing.
	2	L		85		Reported yield, 800 gallons a ninute. Pump
123	1.0	48.6	Nov. 16,	Τ, G,	I	Irrigated 187 set at 104 feet. No casing.
		ļ	1937	65	1	acres feed and grain in 1937. Reported
ļ			1			yield, 1,000 gallons a minute. Pump set at
1		!			l	72 feet. No casing.
						; S, stock; N, not used.

c/ I, irrigation; P, public; D, domestic; S, stock; N, not used. d/ Water level reported.

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-11-Records of wells in Swisher County--Continued

	Records of wells in Swisher County-Continued													
No.	Distance from Tulia	e Section or Survey	Block	Owner	4	Topo- graphic situ- ation	Date com- ple- ted	Depth of well (ft.)	eter of					
124	10 <del>]</del> miles east	125, SW <del>1</del> SW1 SW1	M-10	W. C. Watson	Green Mch. Co.	Gentle slope	1935	188	18					
125	do.	125, SE <del>2</del> SW <del>1</del>	M-10	do.		do.	1930	70	6					
126	do.	do.	M-10	đo.		do.	1908	52	6					
127	ll miles east	124, SWANWA	M-10	W. B. Ballard	J. M. Tucker	đə.	1937	1.97	18					
128	ll <sup>1</sup> miles northeast	119, NW <u>4</u> SE <u>4</u>	M-10	R. L. Wright	Green Mch. Co.	do.	1937	1.92	18					
129	ll½ miles east	163, SW <del>1</del> SW <u>1</u>	M-10	W. O. Borchardt	- Phillips	Almost flat	1937	164	18					
130	13½ miles east	74, SE <u>1</u> NE <u>1</u>	В-3	J. N. Montgemery	Green Mch. Co.	Gentle slope	1937	225	18					
131	13 miles east	74, SE cor. SE <sup>1</sup> /4	В-З	Red Hill School		Almost flat	ē <b>-</b>	55	6					
132		69, SW <del>1</del> SW <del>1</del>	В3	A. & H. Price			1914	260	26					
133	9 miles east	133, Sw <u>źne</u> ł	M-10	T. H. Love	Henry Patzig	Ridge top	1937	201	18					
134		133, NW <del>1</del> SE <u>1</u>	M-10	do.	do.	do.	193 <b>7</b>	104	18					
135	do.	133, SE <u>1</u> NW <u>1</u>	M-10	R. B. Bell	E. R. Sprawls	Gentle slope	1936	100	18					
136	8 miles `east	134, NW cor. SE <sup>1</sup> / <sub>4</sub>	M-10	Edgar Bell	Henry Patzig	do.	1937	200	8					
137	do.	do.	<b>M-1</b> 0	do.	do.	do.	1931	100	55					
138	9 <u>1</u> miles east	40, ¢enter	M-15	J. A. Tucker	Henry Patzig	Ridge top	1936	114	1.8					
	5 miles northeast	9, NW <u>1</u> NW <u>1</u>		F. R. Anderson		do.	1937	208	18					
140	3 <u>1</u> miles east	ll, SW cor. NW <del>1</del>	M-15	P. W. Mitchell	W. D. Witt	ũo.	1937	130	18					
141	đo.	11, SW <sub>4</sub> SW <u>4</u> SW <u>4</u>	M-15	S. J. Payne	E. R. Sprawls	slope	1936	140	18					
142		37, SE <sub>4</sub> SE <sup>1</sup>	M-15	G. A. Hall		Ridge top	1922	57	10					
	2 <del>2</del> miles east	37, Ne <u>4</u> Sw <u>4</u>	M-15	do.	W. D. Witt	do.	1937	180	18					
201	6 <sup>1</sup> / <sub>2</sub> miles east	151, . swłsw <u>ł</u>	A	C. M. Flowers	D. L. Handley	Gentle slo <b>p</b> e	1937	162	18					
		,						;						

-12-Records obtained by C. R. Follett

				coras (	otain	ed by U. R. POLLEUU
	Height of	Wate	: Level			
No.	measuring	Depth	Date of	Pump	Use	Remarks
	point		measure-	-	of	
	above	measu		power	1	
	1	1			1 .	
	ground	ing po	oint	<u>b</u> /	<u> </u>	
	(ft.) <u>a</u> /	(ft.)	í			
124	4.0		Nov. 26,	T,G,	I	Irrigated 361 acres feed, cotton, and wheat
107	7.0	00.5	•		-	
		1	1937	85		in 1937. Pump set at 86 feet. Reported
						yield, 800 gallons a minute. See log.
125	ستلاجي	49	<u>d</u> /	C,W	D	
100				•,	-	
100				a 117	+	
126	0.3	49 ·	Nov. 26,	C,W	S	
			1937			
127	1.7	54.1	do.	T,G,	I	Irrigated 100 acres feed and wheat in 1937.
10,	<b>1</b> .	01.1			-	,
				85	Ļ	Reported yield, 750 gallons a minute.
128	مەللى <sup></sup>	50	· · d/	None	N	Reported yield, 350 gallons a minute. No
	}	1			1	casing.
129	1.0	61 0	Nov. 26,	Mono	N	Reported yield, 300 gallons a minute. No
103	1.0	01.0	2	NOLE	IN	
			1937			casing.
130	1.8	53.3	do.	T,G,	I	Reported yield, 400 gallons a minute. Pump
				85		set at 124 feet. 100 feet of 16-inch steel
				00		5
					ļ	casing at top, perforated below water level
131				C,W	P	
132				None	N	Abandoned. See log.
102				None	I IN	whattroued bee tok.
133	1.0	42.7	Nov. 19,	None	N	Reported yield, 250 gallons a minute. "Red
			1937			Beds" at 180 feet.
174	1	80		<b>— •</b>	<u>├</u>	
134	h-alla	38	<u>a</u> /	Т,С,	I	Irrigated 110 acres feed and wheat in 1937.
				85	]	Reported yield, 1,000 gallons a minute.
135				Τ,G,	I	Irrigated Pump set at 80 feet. No casing.
				<b>.</b> , .,	-	
		<u> </u>				80 acres feed and wheat in 1937. Reported
136	0	44.8	Nov. 19,	None	N	Drilled 6 feet yield, 750 gallons a minute.
			1937			northwest of well now in use, trying to lo-
137	0	44.7	do.	Т,О,	I	Irrigated 90 acres feed, cate more water.
101			uo.	1,0,		
					ļ	wheat and cotton in 1937. Reported yield,
138	<b>متنبھ</b>	42	<u>d</u> /	T,G,	I	Irrigated 128 acres 700 gallons a minute
			-			feed, wheat and cotton in 1937. Reported
						· · ·
4		1				yield, 900 gallons a minute. Pump set at So
						feet. 60 feet of 15-inch perforated steel
139			·	<b>T</b> ,G,	I	Irrigated casing from 40 to 100 foet.
				85	-	135 acres wheat in 1937. Reported yield,
				05		
					L	900 gallons a minute. Pumo sot at 130 feet
140	<u> </u>			T,G,	I	Irrigated 200 acros feed, wheat, No casing
						and cotton in 1937. Reported yield, 800
		ļ				· · ·
					1	gallons a minute. Pump set at 80 feet. 20
						feet of 16-inch perforated steel casing set
141	1.0	60.2	Nov. 16,	Т,С,	I	Irrigated 129 acres . from 100 to 120 feet,
***	1.0	00.0	-		1 -	
			1937	36		feed, grain and cotton in 1937. Reported
					1	15 feet drawdown cumping 650 gallons a min-
142	5.0	34.2	do.	C,-	N	Formerly used to jute. Pump set at 72 feet.
146				-,	-	
142			L		ļ	irrigate garden; was operated by twin wind-
	 			Τ,G,	I	Irrigated 183 acres feed and windmills.
$\frac{142}{143}$	***	45	<u>a</u> /			······································
	 	45	<u>d</u> /			wheat in 1937. Reported vield. S50 gallons
143	*#2			85		
	 		Nov. 12,	85 T,G,	I	Irrigated 'a minute. Pump set at 140 feet
143	*#2			85	I	Irrigated 'a minute. Pump set at 140 feet
143	*#2		Nov. 12,	85 T,G,	I	Irrigated 'a minute. Pump set at 140 feet 240 acres of feed, grain and alfalfa in 193
143	*#2		Nov. 12,	85 T,G,	I	Irrigated a minute. Pump set at 140 feet 240 acres of feed, grain and alfalfa in 193 from 4 wells. Reported 26 feet drawdown
143	*#2		Nov. 12,	85 T,G,	I	Irrigated a minute. Pump set at 140 feet, 240 acres of feed, grain and alfalfa in 193 from 4 wells. Reported 26 feet drawdown pumping 950 gallons a minute for 6 hours.
143	*#2		Nov. 12,	85 T,G,	I	Irrigated 'a minute. Pump set at 140 feet, 240 acres of feed, grain and alfalfa in 193 from 4 wells. Reported 26 feet drawdown
143	*#2		Nov. 12,	85 T,G,		pumping 950 gallons a minute for 6 hours. Pump set at 90 feet. 126 feet of 16-inch
143	*#2		Nov. 12,	85 T,G,		Irrigated a minute. Pump set at 140 feet. 240 acres of feed, grain and alfalfa in 193 from 4 wells. Reported 26 feet drawdown pumping 950 gallons a minute for 6 hours.

				-13-	
Records	of	wells	in	Swisher	CountyContinued

		Record	ls of v	vells in Swisher	CountyCont:	inued			
									-
No.	Distance	e Section	Block	Ownor		Toro-		Depth	1
	from	or			(	graphic	i com-	of	əter
	Tulia	Survey				situ-	i plo-	w.11	of
						ation	ted	(ft.)	-1311
									(in.)
202	$6\frac{1}{2}$ miles	151,	A	C. M. Flowers	D. L. Handley	Gentle	1937	148	18
202	$\sim$		4	O. M. PIONGIA	De Te manarel		1.01	1 10	
	east	Swijswij				slora			1
							1077	7.00	
203	do.	151,	A	do.	do.	đQ.	1937	155	18
		Seiswi						1	
204	do.	151,	A	do.	do.	do.	1935	245	18
		SW cor. NE					1		
205	7 miles	152,	A	Elkins School		Almost	1909	48	6
	oast	NW cor. NW1				flot	1		
206	and the second	115,	A	G. R.	Grean Mch.	Abcve	1937	116	18
200	cast	INNŽINNŽ	A	Richardson	Co.	creek	1.00	1 110	10
007							3.0774	010	18
207	$9\frac{1}{2}$ miles	115,	A	W. J.	D. L. Handley	do.	1934	215	10
	east	NEtswi		Richardson			1		l
						} 		ļ	Ļ
208	ll miles	100,	A	Love School		Gontla		55	6
	east	NW cor. NW1				slope	1	1	1
209	112 miles	100,	A			۵۵.	1937	140	18
	east	NW cor. NE				-		1	
210	do.	100,	A			do.	1937	140	18
610	40.	NE-INE -				uu.	1 1001		10
011	20					a .	1 1077	1 1 40	1.8
211	12 miles	ને૦.	A			do.	1937	140	18
<u>.</u>	east	·····	<u> </u>				ļ		
212	17 <mark>호</mark> miles		A	Leo Koger	Leo Koger	Ridge	1937	165	18
	southeast	NW1SW2				top	1		l
213	14 miles	93,	A	H. A. Hodges	Green Mch.	Gentle	1935	210	18
	southeast	NW cor. NE		-	Co.	slope	1	i	1
		4							1
214	13 <sup>1</sup> / <sub>2</sub> miles	93,	A	R. A. Hodges	do.	do.	1936	200	1 18
~ # 1	southeast	NEŻNWŻ			40.		1 2000	1.500	1
	Boutheast	MBANNA				1	Ì		1
						1	1	Ì	1
						<u> </u>	<u>i</u>	<u> </u>	
215	1 K	108,	A			Ridge	1937	180	18
	southeast	SWASWA				top	1		
216	11 miles	119,	A	Ben Finegold	Leo Koger	Gentle	1937	179	18
	southeast	SWASWA		-		slope			1
217	10 miles	117,	A	- Gunter	B. R. Kinbell		1937		
-	southeast	SW4SW4				-	1		
218	do.	117,	A	úo.	do.	åo.	1937	140	18
~10		SE <sup>1</sup> / <sub>2</sub> SW <sup>1</sup> / <sub>4</sub>		, uve	uu•		1 2001	1	
910			A		TTa	Dida-	1077	015	10
219	đo.	117,	A	do.	- Harris	Ridge	1937	245	18
		NW <u>i</u> swi				top		1	
·····							 		1
220	do.	do.	A	do.	B. R. Kimbell	do.	1937	234	13
				4		5 7	1		
221	do.	do.	A	đo.	do.	do.	1937	173	18
						-	i	1	
222	9 miles	146,	Å	T. B. Maynard		Slope	1	34	6
ちちち				Te INe maynaria			1		
007		SE cor. SE				7.2 3 -	1077	+	1-10
223	$8\frac{1}{2}$ miles	143,	A	I. L. Burk	J. C. Cook	Ridge	1931	160	18
		SW cor. NW1	+			top	1	1	
224	$10\frac{1}{2}$ miles	134,	A	Percy Hauck		Gentle	1937	181	18
	southeast	NW cor. NE4				slopo	*	!	i 1
_	1	·				1	<i>i</i>	i 	
					]				

-14-Records obtained by C. R. Follott

	Height of	Water	r Level		1	
No	measuring	1		Pump	Use	Romarks
110.	point	. ~ .	measure-	-	of	
	above	1	r- mont			
		1		· ·		
	ground	ing po	51116	<u>b</u> /	<u>°</u> /	
-	(ft.) <u>a/</u>	(ft.)		<u> </u>		
202	1,5	48.3	Nov. 12,	3	I	Reported 63 feet drawdown pumping 800 gallons
			1937	85		a minute. Pump set at 90 feet. 148 feet of
						16-inch steel casing, perforated below water.
203		47	<u>d</u> /	None	N	Reported yield, 300 "Red Beds" at 148 feet.
						gallons a minute.
204		39	<u>d</u> /	None	N	Reported yield, 700 gallons a minute but
201						failed if pumped 24 hours a day. "Red Beds"
205	0,3/	41 77	Nov. 26,	C,W	P	at 160 feet.
200	U,	41.	1	0 <b>, n</b>	L L	1 20 100 1000.
	<b>-</b>		1937			
206	íðar-	36	<u>ā</u> /	Т,G,	I	Irrigated 30 acros feed in 1937. Reported
	1			85	ļ	yield, 700 gallons a minute. Pump set at
207		40	<u>a</u> /	<b>T</b> ,G,	I	Irrigated 240 acres 84 feet. No casing.
				85		feed, wheat, and alfalfa. Reported yield,
						600 gallons a minute. Pump set at 80 feet.
208				C,W	P	No casing.
200					-	
209	1.0	45 1	Dec. 2,	T,-	- N	Reported yield, 200 gallons a minute.
೭೦೨	1.0	40.1	-	+	1	haported ylaid, 200 gallons a minute.
010	<u> </u>	4	1937	NT		TD -
210	0	47.	do.	None	N	Do.
				<u> </u>		
211				None	N	Reported yield, 200 gallons a minute.
		ł				
212	1.0	62.6	Nov. 10,	Т,-	N	Reported yield, 500 gallons a minute.
			1937			
213		55	d/	T,G,	I	Irrigated 55 acres feed and wheat in 1937.
~10		00	<i>≚</i> ∕	85		Reported yield, 550 gallons a minute. Pump
		]		00		
014				The call	<u>├</u>	set at 96 feet. "Red Bads" at 160 feet.
214		55	<u>d</u> /	Τ, G,	I	Irrigated 50 acres feed and cotton in 1937.
				85		Reported yield, 800 gallons a minute. Pump
		Į				set at 84 feet. "Red Beds" at 160 feet. 80
						feat of 16-inch perforated steel casing from
215	1.2	53.9	Nov. 10,	T,G,	I	Reported yield, 800 gallons 80 to 160 feet.
			1937	85		a minute. Pump set at 96 feet.
216				T,G,	I	Reported yiold, 700 gallons a minute. Pump
					-	set at 90 feet. No casing.
217				None	N	Drilling for irrigation ourposes.
ω <b>1</b> /				NOILS	1	prining for inigation purposes.
010	0 .	777 1	No- C	Nor		Desilied for implantion but some to be 2.2
218		00.1	Nov. 6,	None	N	Drilled for irrigation but never tested due
			1937			to lack of sufficient water bearing material.
219	1.5	36.5	do.	T,G,	I	Irrigated 40 acres feed and alfalfa in 1937.
		1		85		Reported yield, 400 gallons a minute. Pump
		1	·			set at 60 fect. "Red Bods" at 120 feet.
220	0:	36.5	do.	None	N	Drilled for irrigation but never tested due
	1				1	to lack of sufficient water bearing material.
221	0	36.3	do.	None	N	Drilled for irrigation but never Sce log.
ᆔᆔᆂ	<b>.</b>	00.0		1.0110	1	tested due to lack of sufficient water bear-
000	<u> </u>	00 7		NT		
222	0.5	28.7	do.	None	N	No casing at top. <u>ing material.</u>
					ļ	
223	1.5	41.6		T,G,	I	Irrigatod 101 acres foed and grain in 1937.
	<u> </u>	L	1937	<u> </u>	<u> </u>	Reported yield, 750 gallons a minute.
224				T,G,	I	Irrigated 100 acres feed, wheat and cotton
				85		in 1937. Reported yield, 1,000 gallons a
						minute. Pump sct at 90 feet. No casing.
	· · · · · · · · · · · · · · · · · · ·		3	· <u> </u>	•	

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

		Record	ls of w	ells in Swishe	r County-Cont:	inued			
No.	Distance from	e Section or	Block	Owner	Driller	Topo- graphic	Date com-	Dorth	Dian- otar
	Tulia	Survey				situ- ation	-elg	woll	cî Vr 121 (11.1)
225	12½ milos southeast	131, SW <del>1</del> SW <del>1</del>	A			Gentle slope		) 	19
226	13 miles southeast	127, SW1NW1	A			Flat			6
227	14 miles southeast	96, NW 1NW 1	B2	Mrs. N. G. Poe	G. E. Green	Gentle sleve	1914	204	26
228	13 <del>1</del> miles	97, NW cor. NW <sup>1</sup> / <sub>4</sub>	B-2	Hutchinson		đo.	1937		18
229	14 miles	97, NW cor. NE	B-2	do.	<del>:</del>	ão.	1937		1.8
230	13 miles southeast	98, . ŃV. <u>4</u> NE <u>4</u>	B2	J. B. Reid Estate	Casebolt	Ridge ton	1937	220	18
231		87, NW2NW2	B2	- Hutchinson		Gentle slope	1937		18
232	14 miles southeast	87, NW15W1	B-2	do.		do.	1937		18
233	$14\frac{1}{2}$ miles southeast	88, SW15W1	B-2	Mrs. J. Hamilton	Louis Francis	Ridge top	1937	203	18
234	$15\frac{1}{2}$ miles southeast	89, NE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub>	B2	Anarew Price	Calvin Cock	do.	1930	204	18
235	15 miles southeast	84, NW1NE1	B2	A. S. Hanna	— Miller	Gentle slope	1936	175	18
236	16호 miles southeast	70, NE <sup>1</sup> <sub>4</sub> SW <sup>1</sup> <sub>4</sub>	В-2	E. R. Lovern	W. D. Casebolt	Ridge tor	1937	232	18
237	dò.	70, SE <sub>4</sub> SW4	B-2	do.	do.	āo.	1937	258	18
238	18 miles southeast	68, SE <u>1</u> SW <u>1</u>	B-2	B. R. Stark	W. D. Witt	Gentle slope	1936	187	18
239	18½ miles southeast	61, con. SW.	B-2	B. C. Stark	Louis Francis	Ridge top.	1937	200	18
240	19 <u> </u> miles scutheast		Bż	Wilbur Wilson	W. D. Casebolt	do.	1937	215	18
241	20 <del>]</del> miles southeast	52, NW <u>ine</u> i	B2	A. C. Wimberly		do.	1937		18
242	20 miles southeast	64, NW <u>1</u> NW <u>1</u>	B2	J. A. Savago	Green Mch. Co.	Gontle slopo	1936	223	18
243	19 miles southeast	66, SW <u>1</u> NE1	B-2	A. A. Blackerby	Blackerby Bros.	do	1937 	230	18
244	do.	60, NW <u>4</u> SE4	B2	E. F. Blackerby	Green Mch. Co.	do.	1937	242	18
245	19 <sup>1</sup> / <sub>2</sub> miles	65, NW cor. SWZ	B-2			Flat			6
246	19 miles southeast	78,	B-2	B. F. Foster		Gently rolling			6
a/ I			ually t	top of casing,	top of wood pi			of cor	ncrete

<u>a</u>/ Measuring point was usually top of casing, top of wood pipe clamp, top of concrete pump foundation, or top of air-line hole in pump base.

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

-16-Records obtained by C. R. Follett

			Ree	cords (	obtain	ed by C. R. Follett
	Height of	Water	r Level			
No-	measuring		A REAL PROPERTY AND ADDRESS OF TAXABLE PARTY.	Pumo	Use	Remarks
	point	-	measure-		of	
	above	measu			water	
	ground (ft.) <u>a</u> /	ing po (ft.)		<u>b</u> /	<u>c</u> /	
225	1.0		Scpt.21,	Τ,	I	
220	1.0		1937	_,	-	
226	0	45	May 6,	C,-	N	
			1936			
227	3.0	49	Nov. 9,	Τ,-	N	Not used since 1936. Reported yield, 800
			1937			gallons a minuto. See log.
228	1.5	51.7	Nov. 8,	Т,-	I	Development test run. Reported good well.
			1937			
229	1.5	52.9	do.	Т,	I	Do.
			L			
230	1.0	60.1	do.	Т,G,	I	Reported yield, 1,000 gallons a minute.
				85		Pump set at 100 feet. 180 feet of casing at
231	1.5	52.9	do.	Т,-	I	Develop- top, perforated below water level.
						ment test run. Reported good well.
232	1.5	53.4	do.	Τ,-	I	Do.
				! 		
233	1.0	51.9	do.	Τ,G,	I	Reported yield, 1,000 gallons a minute.
				85		Pump sot at 100 fest. No essing. "Red Beds"
234	1.0	61.6	Nov. 9,	None	N	Reported good well. No casing at 203 foct.
			1937		-	at top.
235	1.5	57.5	Nov. 10,	Т,С,	I	Irrigated 185 acres feed, grain and cotton
200		00	1937	85	-	in 1937. Reported 7 feet drawdown pumping
			1.001	00	ł	
07.0		73	NT 0	NT	37	900 gellons a minute for 24 hours. Pump set
236	0	75 .	Nov. 9,	Nong	N	Reported yield, et 110 feet. No casing.
			1937			400 gallons a minute. Sand and gravel from
•••••		ļ	L		 	220 to 232 feet. "Rod Bods" at 232 feet.
237	1.0	73	do.	Т,G,	I	Reported yield, 700 gallons a minute. Pump
				85		set at 150 foot. Sand and gravel from 226
					1	to 234 fost. 80 fost of 16-inch perforated
		1		l		steel cosing from 48 to 128 feet. "Red Beds"
238	1.8	54.6	Nov. 8,	T,G,	I	Irrigeted 220 acres feed and at 234 foot.
			1937			grain in 1937. Reported yield, 800 gallons
						a minute. 70 frot of 16-inch perforated
239	0.7	65.6	do.	None	1 N	Just com- stuel casing from 20 to 90 feet.
						plotod. Not tested. No cosing.
240	1.5	\$2.2	do.	T,Ng,	I	Irrigated 40 acres native grass. Reported
				85		yield, 950 gallons a minute. Pump set at
241				None	N	Drilling. 110 feet. No casing.
242		80	d/	T,G,	I	Irrigated 193 acres feed, wheat, cotton, and
	-		-	85	-	alfalfa in 1937. Reported yield, 700 gallons
		1				
243		+	<u> </u>	BTarra	N	a minute. 223 feet of perforated steel cas-
చ40				None		Reported doubtful supply. River bod ling.
<u> </u>		÷			<u>↓                                     </u>	sand and gravel from 175 to 200 feet.
244				Т, З,	I	Irrigated 88 acres feed in 1937. Reported
				85		yield, 750 gallous a minute. Pump set at
	<u> </u>			<u> </u>		120 fect. Sand and grevel from 175 to 200
245	0.3	64.8	May 7,	C,W	D	feet.
			1936			
246	0.7	59.8	do.	C,W	D	na na na na na na na mana ang kana kana kana na
		-	1		1	
01	i T inniget:	ian. D	muhlice	D do	montia	· S. stack · N pat used

		Record	ls of v	vells in Swisher	County-Cont	tinued			
No.	Distance from Tulia	Section or Survey	Block	Owne <b>r</b>	Drillor	Topo- graphic situ- ation	Data com- plo- tod	Dopth of well (ft.)	Diam- eter of well (in.)
247	18 miles southcast	80, N <b>e</b> ‡se <u>1</u>	B-2	W. 3. Pool	W. D. Casebolt	Gentla slope	1937	226	18
248	17 <u>1</u> miles southeast	76, NE <sup>1</sup> NW1	В-2	F. E. Pearson	W. E. Durham	Ridge top	1937	223	1.8
249	16½ milcs southeast	90, NWŻSEŻ	B-2	Som Neuman	Graan Mch. Co.	do.	1936	200	18
250	do.	90 <b>,</b> SE <del>[</del> SW <u>1</u>	B2	J. A. Boyd	Loo Koger	do.	1937	207	13
251	17 miles southeast	92, NE <u>1</u> NW <u>1</u>	B-2	F. W. Struve	Green Wich. Co.	Gentle slope	1936	232	18
	16 miles southeast	94, NWŻSWŻ	В-2	0. J. Cotton	do.	do.	1937	220	18
253	15 <sup>1</sup> / <sub>2</sub> miles southeast	6, SW <del>l</del> SW <del>l</del>	B6	Plainview- Lockney Farms	W. D. Witt	Ridge top	1937	209	18
254	14 <mark>호</mark> miles scutheast	2, NE <sup>1</sup> SE <sup>1</sup> / <sub>4</sub>	В-6	ana ya kata ana ana ana ana ana ana ana ana ana	ander delining and a second	Slope			6
255	and the second division in which the second division in the second din the second division in the second division	2,	B-6	Chas. Inman	W. D. Witt	Gentle slope	1937	200	18
256	13 <sup>1</sup> / <sub>2</sub> miles	$\frac{3}{1000}$ SW cor. SW $\frac{1}{4}$	B-6	D. M. Springer	- Burch	ão.	1937	225	18
257	( N	32, SW cor. SW <u>1</u>	M-14	Joe Bontke	Joe Bontke	do.	1937	222	18
258	17 miles southeast	25, NW <u>1</u> SE <u>1</u>	M-14			do.			6
259	16호 miles southeast	23, SW <del>1</del> SW2	M=-14	Plainvicw- Lockney Farms	W. D. Witt	đo.	1937	214	18
260	19 <sup>1</sup> / <sub>2</sub> miles southeast	10, SW 길NW 길	M-14	J. W. Carter	Green Mch. Co.	đo,	1936	222	18
261	21 miles southeast	W. N. Farris		W. O. Wells		Flat	Old		6
301	<sup>3</sup> / <sub>4</sub> mile	10, NE cor. NE4	W-1			Slope to draw	01d	33	6
302	l <sup>1</sup> / <sub>4</sub> miles southwest	23, SW1SW1	W-1	J. D. Vaughn	Layne Pump Co.	do.	1914	233	26
303	1 mile south	23, NE4NE4	W1	J. W. Vaughn	do.	Creek valloy	1911	74	
304	1 mile southeast	26, SW1NW1	W-1	E. W. Jackson		do.	1917	28	6
305	14 miles	25, NW cor. NE <sup>1</sup> / <sub>4</sub>	W-1	J. L. Cantrell	500 Am	do.		48	6
		·							

-17-Records of wells in Swisher County-Continued

-18-Records obtained by C. R. Follett

50       fa, feed and cotton in 1937. Reported yield         252       -       62       d/       T,G,       I Reported yield, 800       1900 gallons a minute.         85       gallons a minute.       162 feet of 16-inch and         58 feet of 12-inch steel casing, perforated         below water level.       Pump set at 98 feet.         253       -       -       T,G, I Irrigated 575 acres cotton and wheat in 1937.					Jorus (	Jutaine	a by C. R. FOLLEU
point         biowfmoaume, and of encourse means power water is ground is point         b/ g/           247         1.2         55.5 Nov. 9, T.G. I         Reported yield, 1,000 gellons a minute.           248         -         -         -         -           249         1.2         55.5 Nov. 9, T.G. I         Reported yield, 1,000 gellons a minute.           249         1.2         55.5 Nov. 9, T.G. I         Irrighted 216 acres in 1937. Roported yield, 1937           249         1.0         57.8 Nov. 9, T.G. I         Irrighted 216 acres in 1937. Roported yield, 1937           249         1.0         57.8 Nov. 9, T.G. I         Irrighted 316 acres in 1937. Roported yield, 200 feat, 200 f		. –		and the second			-
above         measur- ing point         b/ b/ b/ b/ b/ b/ b/ b/ b/ b/ b/ b/ b/ b	No.	measuring			-		Remarks
ground         ing point         b/         c/           247         1.2         58.5         Nov. 9, 1937         7.6, 1937         I         Reported yield, 1,000 gellons a minute. Pump sot at 90 fest. 120 feet of 12-inch pump sot at 90 fest. 120 feet of 12-inch 1937           248         -         -         T.G.         I         Irrighted 216 earse in 1937. Roported yield, 100 gallons a minute. Pump set at 90 fest. 200 fest of 16-end 12-inch stael cesing, per rfornted below water. "Red Bade" at 200 feet. 200 fest of 16-end 12-inch steel cesing, 100 feet. 125 feet of 16-inch steel cesing at the portrated below water level.           250         -         56         d/         T.G.         I         Irrighted 355 earse affall below water level.         Red           251         -         45         d/         T.G.         I         Irrighted 355 earse affall below water level.         Red           252         -         62         d/         T.G.         I         Irrighted 355 earse affall below water level.         Red           253         -         62         d/         T.G.         I         Irrighted 55 earse cotton and whost in 1937.           254         0.5         36.9         May 12.         None         N         Drilled for irrighted optical stall pote.         70           255         1.9         43.4         May 12. </td <td></td> <td>t "•</td> <td>below</td> <td>noasure-</td> <td>and</td> <td>   </td> <td>t</td>		t "•	below	noasure-	and		t
(ft.)         s/         -         -           247         1.8         36.5         Nov. 9, 7, 6, 1         Reported yield, 1,000 gallons a minute.           248         -         -         -         -         -           248         -         -         -         -         -           249         1.0         57.8         Nov. 8, 7, 6, 1         Irrighted 216 earse in 1937. Roported yield, 700 gallons a minute. Fung set 20 fact. 20 foot of 16-end 12-inch statel cesing, per fornted below weter. "Red Bade" at 200 fact 200 rest. 120 fact 11 1837. Reported yield, 850 gallons a minute. Fung set at 90 fact. 120 fact 12.5 fact of 16-inch tatel cesing in formed yield, 850 gallons a minute. Fung set at 93 foot.           250         45         d/         T, 0, 1         Irrighted 350 series alfal-lbacket steel cesing. 100 fact. 125 fact of 16-inch at 1327. Reported yield, 850 gallons a minute. 1837. Reported yield, 207 fact food fact. 100 fact.		above	measu	r- ment	power	water	
(ft.)         s/         -         -           247         1.8         36.5         Nov. 9, 7, 6, 1         Reported yield, 1,000 gallons a minute.           248         -         -         -         -         -           248         -         -         -         -         -           249         1.0         57.8         Nov. 8, 7, 6, 1         Irrighted 216 earse in 1937. Roported yield, 700 gallons a minute. Fung set 20 fact. 20 foot of 16-end 12-inch statel cesing, per fornted below weter. "Red Bade" at 200 fact 200 rest. 120 fact 11 1837. Reported yield, 850 gallons a minute. Fung set at 90 fact. 120 fact 12.5 fact of 16-inch tatel cesing in formed yield, 850 gallons a minute. Fung set at 93 foot.           250         45         d/         T, 0, 1         Irrighted 350 series alfal-lbacket steel cesing. 100 fact. 125 fact of 16-inch at 1327. Reported yield, 850 gallons a minute. 1837. Reported yield, 207 fact food fact. 100 fact.		ground	ing po	oint	b/	c/	
247       1.2       58.5 Nov. 9, 7.6, 19       Faportad yield, 1,000 gellons a minute. Parforeted stall casing from 20 to 140 feet. Parforeted stall casing from 20 feet. Parforeted stall casing from 20 feet. Parforeted stall casing from 20 feet. Parforeted stall casing for the parformation of the stall casing parforeted stall casing for the parformation of the stall casing parforeted below water "Wind Bade" et 200 feet. Parforeted below water lavel. Parforeted below water la		(ft.) a/			****		
1937         85         Pump set et 80 fest. 120 fest. 01 2-inch 40 fest.           248         -         -         T,G, I         Inrighted stall cosing from 20 to 140 fest.           249         1.0         57.8 Now. 8, T,G, I         Irrighted 216 acres in 1937. Reported yield, 700 gallons a minute. Pump set at 90 fest. 20 fost of 16-inch 21-inch steel cesing, perforted below water. "Rod Beda" at 200 fest of 16-inch 21-inch steel cesing.           250         -         56         d/ T,G, I         Irrighted 260 acres food in 1937. Reported yield, 500 gallons a minute. Pump set at 90 fest. 10-inch steel cesing, at top, porforated below water level. "Red 10 fest. 128 fest of 16-inch steel cesing, at top, porforated below water level. "Red 251           251         -         45         d/ T,G, I         Irrighted 355 series alfal-[bdg# at 207 fest of 16-inch and 55 fest of 12-inch at 56 foot 16-inch and 55 fest of 12-inch at 56 foot 16-inch and 55 fest of 12-inch at 56 foot.           253         -         -         2.6, I         Irrighted 575 cores a cotton and what in 1937. None 120           254         0.5         36.9 May 6, C,W D         Ioot at 100 fest.	247	the second se		Nov. 9.	T.G.	I	Reported vield, 1,000 gallons a minute.
248	~~ <b>1</b>		00.0			-	
248           Top         I         Image of the state of th				1001	00	Í	
249         1.0         57.8         Nov. 8, T.G., I         Irrighted 216 acres in 1937. Reported yield, 1937           250         -         56         d/         7.3, I         Irrighted 216 acres in 1937. Reported isolation, per forted below water, "Rod Bedd" at 200 fost. 200 fost of 16-and 18-inch steel cesing, per forted below water, "Rod Bedd" at 200 rost. 100 fost. 125 foot of 16-duch steel cesing at 100 fost. 125 foot of 16-duch steel cesing at top, cortorated below water level. "Red Easter level." Red Easter level. "Red Easter level." Red Easter level. "Red Easter level." Red Easter level. "Red Easter level." So gallons a minute. 162 foot of 16-inch and 58 foot of 12-inch steel cesing, perforted below water level. "Red Easter level." So gallons a minute. 162 foot of 16-inch and 58 foot of 12-inch steel cesing, perforted below water level. "Red Easter level." Num set at 90 foot.           255           T.G., I         Irrighted 575 acres outon and wheet in 1937.           256         -         62         d/         T.G., I         Irrighted 575 acres outon and wheet in 1937.           257         -         -         T.G., I         Irrighted 575 acres outon and wheet in 1937.           258         -         -         T.G., I         Irrighted 975 acres outon and wheet in 1937.           256         1.9         4.0.4 May 12, None         Nore I         Irrighted 192 cores grain and cores 75 feet of 16-inch steel cesing at 100 feet. 75 feet of 16-inch steel cesing at 100 feet. 75 feet of 16-inch steel cesing at ton 200. Inches 4.6 feet. 1937. </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>Ļ</td> <td></td>						Ļ	
1937         85         700 gallons a minuto. Pump set at 90 fast. 200 fost of 16-and 12-inch steel casing, per forated below water. "Red Beds" at 200 fost. 250           250         56         d/         7.6,         I Irrigated 60 acros food in 1957. Reported 10 fast. 125 feet of 16-inch steel casing, at top, perforated below water level. "Red at top, perforated below water level.<"Red fast dop, perforated below water level.         "Red reds" at 200 feet. 10 fast. 125 feet of 16-inch steel casing, perforated yield, 300 900 gallons a minuto. 251           251	248				T,G,		"Red Bads" at 226 feet.
1937         85         700 gallons a minuto. Pump set at 90 fast. 200 fost of 16-and 12-inch steel casing, per forated below water. "Red Beds" at 200 fost. 250           250         56         d/         7.6,         I Irrigated 60 acros food in 1957. Reported 10 fast. 125 feet of 16-inch steel casing, at top, perforated below water level. "Red at top, perforated below water level.<"Red fast dop, perforated below water level.         "Red reds" at 200 feet. 10 fast. 125 feet of 16-inch steel casing, perforated yield, 300 900 gallons a minuto. 251           251							
200 fost of 16-and 12-incl steel creating, performed below water. "Rod Bads" at 200 fost, 100 fost.         250       56       d/       T, G, I       Irrigated 60 acres food in 1937. Reported yield, 850 gellons a minute. Pump set at 100 fost.         251       -       45       d/       T, O, I       Irrigated 358 acros alfalled at 207 fost.         251       -       45       d/       T, O, I       Irrigated 358 acros alfalled at 207 fost.         252       -       62       d/       T, G, I       Reported yield, 800 (900 gallons a minute.         253       -       -       7, G, I       Irrigated 357 acros cotton and wheet in 1937.         255       -       -       T, G, I       Irrigated 578 acros cotton and wheet in 1937.         254       0.5       36.9       May 6, C, W       D       Isot at 100 fost.         256       1.9       43.4       May 12, None       N       Drilled for irrigation but never tested.         255       1.9       43.4       May 12, None       N       Drilled for irrigation but never tested.         257       1.0       68.       Aug. 21, None       N       Drilled for irrigation but never tested.         257       1.0       68.       Aug. 21, None       I       Irrigated 192 acros grain in 1937.       Isset fost of 16-inch a	249	1.0	57.8	Nov. 8,	[T,G,	I	Irrigated 216 acres in 1937. Reported yield,
250         56         d/         7.0,         I         Irrigated 60 acres food in 1937. Reported 10 fact. 125 foot of 16-inch steel ceaing at top, vorforsted below water level. "Red           251          45         d/         T.0,         I         Irrigated 60 acres food in 1937. Reported 10 fact. 125 foot of 16-inch steel ceaing at top, vorforsted below water level. "Red           252          45         d/         T.0,         I         Irrigated 355 acres alfal-Bedg" at 207 foot fa, food of 18-inch steel ceaing, porforated below water lovol. Pump set at 98 foot.           252          62         d/         T.G,         I         Irrigated 575 ceres of toor and wheet in 1937. gallons a minuto. 162 foot of 16-inch and below water lovol. Pump set at 98 foot.           253           T.G,         I         Irrigated 575 ceres of toor and wheet in 1937. gallons a minuto. Fump set at 100 fest.           254         0.5         36.9 May 6. 1937         C, W         D         isst at 100 fest.           255         1.9         43.4 May 12, 1937         None         None         Drilled for irrigation but never tested.           256         0.9         50.5 Aug. 10, T.G,         I         Reported yield, 750 gallons a linuto. Fum gallons a minuto.           257         1.0         68         Aug. 21, None         I		*		1937	85		700 gallons a minuto. Pump set at 90 feet.
250         56         d/         7.0,         I         Irrigated 60 acres food in 1937. Reported 10 fact. 125 foot of 16-inch steel ceaing at top, vorforsted below water level. "Red           251          45         d/         T.0,         I         Irrigated 60 acres food in 1937. Reported 10 fact. 125 foot of 16-inch steel ceaing at top, vorforsted below water level. "Red           252          45         d/         T.0,         I         Irrigated 355 acres alfal-Bedg" at 207 foot fa, food of 18-inch steel ceaing, porforated below water lovel. Pump set at 98 foot.           252          62         d/         T.G,         I         Irrigated 575 ceres of toor and wheet in 1937. gallons a minuto. 162 foot of 16-inch and below water lovel. Pump set at 98 foot.           253           T.G,         I         Irrigated 575 ceres of toor and wheet in 1937. gallons a minuto. Fump set at 100 fest.           254         0.5         36.9 May 6. 1937         C, W         D         isst at 100 fest.           255         1.9         43.4 May 12, 1937         None         None         Drilled for irrigation but never tested.           256         0.9         50.5 Aug. 10, T.G,         I         Reported yield, 750 gallons a minuto. Fum gallons a minute for 30 minutes.           257         1.0         68         Aug. 21, None         I <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>200 feet of 16-and 12-inch steel casing. per-</td>							200 feet of 16-and 12-inch steel casing. per-
250       -       56       d/       T,G,       I Irrigsted 60 acres food in 1937. Reported yield, 360 gallons a minute. Fump set at 110 fact. 125 feet of 16-inch steel casing at too, perforated blow water level. "Red         251       -       45       d/       T,O,       I Irrigated 353 eoros alfal-       Beds" at 207 feet.         252       -       62       d/       T,G,       I Reported yield, 800 gallons a minute.       126 feet of 16-inch and 58 feet of 12-inch steel casing, perforated below water level.       "Red         253       -       -       -       T,G,       I Irrigstod 575 norms cotton and wheet in 1937.         254       0.5       36.9 May 6,       C,W       D       Irrigstod 152 corms cotton and wheet in 1937.         255       1.9       43.4 May 12,       None       N       Drilled for irrigation but never tested.         256       0.5       36.9 May 6,       C,W       D       Induct Pump set at 130 feet.       70 feet.         256       1.9       43.4 May 12,       None       N       Drilled for irrigation but never tested.         257       1.0       68: Aug. 21, None       I Irrigated 192 acres grain in 1937, 1225 feet.       71 feet of 16-inch perforated casing at 100 feet.         257       1.0       68: Aug. 21, None       I Irrigated 495 acres feed and wheat in 1937.							
50         1/2016, 300 gallons o minute. Pump set at 110 fast. 125 feet of 16-inch steel casing at too, porforated below mater level. "Red           251	250		56	3/	πa	7	
251      45 <u>d</u> /     T, 0, 1     Irrigated 353 eors alfal = Beds" at 20% fact.       252      62 <u>d</u> /     T, 0, 1     Irrigated 353 eors alfal = Beds" at 20% fact.       252      62 <u>d</u> /     T, 0, 1     Reported yield, 800     900 gallons a minute.       253      62 <u>d</u> /     T, 0, 1     Reported yield, 800     900 gallons a minute.       253       T, 0, 1     Irrigated 575 eorse cotton end wheat in 1937.       254     0.5     36.9     May 6, 0, W     D     last £100 feet.       255     1.9     45.4     May 12, None     N     Drilled for irrigation but never tested.       256     0.9     50.5     Aug. 10, T, G, I     Reported yield, 750 gallons a linute. Pump set at 130 feet.     76 feet of 16-inch perforate casing at 70       256     0.9     50.5     Aug. 21, None     I     Irrigated 192 acres grain in 1937. !225 feet.       257     1.0     68:     Aug. 21, None     I     Irrigated 192 acres grain in 1937. !225 feet.       258     0.5     51.1     May 6, C,W     D     with top at 68 feet.       258     0.5     51.1     May 6, C,W     D     with top at 68 feet.       259      -     T, G, I     Irrigated 49	200		00	<u>u</u> /			
251       2-45       d/       T,O,       I       Irrigated 335 seros alfal-       Beds" at 207 feet.         252      62       d/       T,G,       I       Reported yield, 305 seros alfal-       Beds" at 207 feet.         253      62       d/       T,G,       I       Reported yield, 800 900 callons a minute.         253      7       -7,G,       I       Reported yield, 800 900 callons a minute.         253      7       -7,G,       I       Irrigated 575 ceros cotton and whost in 1837.         254       0.5       36.9 May 6,       C,W       D       Isot at 120 feet.         255       1.9       43.4 May 12,       None       N       Drilled for irrigation but never tested.         255       1.9       43.4 May 12,       None       N       Drilled for irrigation but never tested.         256       0.9       50.5 Aug. 10, T,C,       I       Reported yield, 750 gallons a to 55 feet.         257       1.0       68       Aug. 21, None       I       Irrigated 192 acres grain in 1837. Head See casing at top.         257       1.0       68       Aug. 21, None       I       Irrigated 495 acres feed and wheat in 1937.         258       0.5       51.1 May 6,       C,W       D       wit					50		
251        45 <u>d</u> /       T,0,       I       Irrigated 335 serve alfal-       Beds" at 207 feet         252        62 <u>d</u> /       T,0,       I       Reported yield, 800       900 gallons a minute.         252        62 <u>d</u> /       T,0,       I       Reported yield, 800       900 gallons a minute.         253         T,6,       I       Irrigated 575 ceres cotton and wheat in 1937.         254       0.5       36.9       May 6,       C,W       D       Isot st 100 feet.         254       0.5       36.9       May 12,       None       N       Drilled for irrigation but never tested.         255       1.9       43.4       May 12,       None       N       Drilled for irrigation but never tested.         256       0.9       50.5       Aug. 10,       T,G,       I       Reported yield, 760 gallons a ito 95 feet.         257       1.0       68       Aug. 21,       None       I       Irrigated 192 acres grain in 1937.       125 feet.         258       0.5       51.1       May 6,       C,W       D       with top at 68 feet.       1237         257       1.0       68       Aug. 21, <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
50         fa, foed and cotton in 1937. Reported yield, 85           252         62         d/         T,G, 85         I Reported yield, 800         900 gallons a minuto. 900 gallons a minuto.           253           T,G, 100         I Reported yield, 800         900 gallons a minuto.           253           T,G, 170         I Irrigatod 575 ceros cotton and wheat in 1937.           254         0.5         36.9 May 6, 1936         C,W         D         Isot at 100 fest.           255         1.9         43.4 May 12, 1937         None         N         Drilled for irrigation but never tested.           256         0.9         50.5 Aug. 10, 1937         T,G, 1937         I         Reported yield, 750 gallons a 'to 55 feet.           257         1.0         68         Aug. 81, None         I         Irrigated 192 acres grain in 1837. 'E25 feet of 16-inch steel cesing at top. 'Red Beds" at 257           1.0         68         Aug. 81, None         I         Irrigated 495 acres feed and wheat in 1937.           258         0.5         51.1 May 6, 'C,W         D         With top at 68 feet.           259          -         T,G, I         I Irrigated 495 acres feed and wheat in 1937.           260         1937         20					 		
50         fa, foed and cotton in 1937. Reported yield, 252         Factorial states of the states of	251		45	₫/	Т,О,	I	Irrigated 335 acros alfal- Beds" at 207 feet.
252        62       d/       T, G, S       I Reported yield, 800 1900 gallons a minuto. gallons a minuto. 162 foot of 16-inch and 58 feet of 12-inch steel casing, porforated below water lovel. Fump set at 98 foot.         253         T, G, I Irrigated 575 ceres cotton and wheat in 1937         254       0.5       36.9 May 6, C, W D       Isot at 100 feet.         255       1.9       43.4 May 12, None       N Drilled for irrigation but never tested.         256       0.9       50.5 Aug. 10, T, G, I       Reported yield, 700 gallons a ito 95 feet.         1937       85       minute. Pump set at 130 feet. 75 feet of 16-inch perforated casing at 70         256       0.9       50.5 Aug. 21, None I       Irrigated 192 acres grain in 1937. 15 feet of 16-inch steel casing at top. "Reported 18 feet drawdown pumping 1, 200 gallons a minute for 30 minutes. 84 feet of 14-inch perforated steel casing at seed feet.         257       1.0       68 for 40, I T, G, I       Irrigated 495 acres feed and wheat in 1937.         258       0.5       51.1 May 6, C, W D       Irrigated 20 acres feed and wheat in 1937.         259       -       -       T, G, I       Irrigated 495 acres feed, grain and cotton in 1937. Roported yield, 300 gallons a minute.         260       50       d/       T, G, I       Incide a minute. Pump set at 120 feet.         261       0				—	50		fa, feed and cotton in 1937. Reported vield.
85         gallons a minuto.         162 Foot of 16-inch and 58 feet of 12-inch steel casing, porforated below weter lovel.           253           T, G, 170         Irrigated 575 ceres cotton and wheet in 1937 Reported yield, 1,600 gallons a minuto. Pump 254           255         1.9         43.4 May 12, 1936         None         N         Drilled for irrigation but never tested. 255           255         1.9         43.4 May 12, 1937         None         N         Drilled for irrigation but never tested. 256           256         0.9         50.5 Aug. 10, 1937         T, G, 85         I Reported yield, 750 gallons a 106-inch steel casing at top.         TRed Beds" at 1037           257         1.0         68 Aug. 21, 1937         None         I Irrigated 192 acres gratn in 1937. 256         252 feet.           258         0.5         51.1 May 6, 1937         C, W         D         With top at 68 feet. 1937           258         0.5         51.1 May 6, 1937         C, W         D         With top at 68 feet. 1937           259         -         -         T, G, I         Irrigated 495 acres feed and wheat in 1937. 250 acres feed, grain and cotton in 1937. Reported 20 feet drewiown pumping 1,800 gal- 1937         260 acres feed, grain and cotton in 1937. Reported yield, 300 gallons a minuto. Pump s:t at 84 feet. 222 feet of 16-emd 13- inch steel casing, reprorated below water 1936	252	í.	62	d/		T	
253       T.G.,     I     Irrigated 575 cores cotton and wheat in 1937, Reported yield, 1,602 gallons a minuto. Pump 254       255     1.9     43.4 May 12, 1936     None     N     Drilled for irrigation but never tested. 255 feet of 16-inch perforated casing at 70 256       255     1.9     43.4 May 12, 1937     None     N     Drilled for irrigation but never tested. 25 feet of 16-inch perforated casing at 70 256       257     1.0     68     Aug. 21, 1937     None     I       258     0.5     51.1     None     I     Irrigated 192 acres grain in 1937. 255 feet of 16-inch steel casing at top.     "Red Beds" at 1937       258     0.5     51.1     May 6, 1937     C.W     D     with top at 68 feet. 1937       258     0.5     51.1     May 6, 1937     C.W     D     with top at 68 feet. 1937       259     -     -     T.G.,     I     Irrigated 495 acres feed and wheat in 1937. 1937     Reported 20 feet drawdown pumping 1, 800 gallons 14-inch perforated steel casing, rerforated below water 1937       260     50     d/     T.G.,     I     Irrigated 200 acres feed, grain and cotton in 1957. Reported yield, 900 gallons a minute. Pump s:t at 84 feet. 222 feet of 16-emd 13- inch steel casing, rerforated below water       261     0     64.9     May 2, 1936     C     N       301     0.2 <t< td=""><td>204</td><td>1</td><td></td><td><u> </u></td><td></td><td>-</td><td></td></t<>	204	1		<u> </u>		-	
253           T.G., I         Irrigated 575 acres cotton and wheet in 1937.           254         0.5         36.9         May 6, C.W         D         Isot at 100 feet.           255         1.9         43.4         May 12, None         None         None         Distribution of the second							
253         T,G, I       Irrigated 575 ecres cotton and wheat in 1937 Reported yield, 1,600 gallons a minute. Pump lsot at 100 feet.         254       0.5       36.9 May 6, I.936       W       D       Isot at 100 feet.         255       1.9       43.4 May 12, None I.937       D Trilled for irrigation but never tested.       25 feet of 16-inch perforated casing at 70         256       0.9       50.5 Aug. 10, T,G, I.937       I Reported yield, 750 gallons a       Ito 5 feet.         257       1.0       68. Aug. 21, None I.937       I Reported 192 acres grain in 1937. 1225 feet.       Reported 18 feet drawdown pumping 1,200         258       0.5       51.1 May 6, C,W       D       Irrigated 192 acres feed and wheat in 1937.         259         T,G, I       Irrigated 495 acres feed and wheat in 1937.         258       0.5       51.1 May 6, C,W       D       with top at 68 feet.         1937       1937       I Irrigated 495 acres feed and wheat in 1937.       1937.         259         T,G, I       Irrigated 200 acres feed, grain and cotton in 1937.         260       50       d/       T,G, I       Irrigated 200 acres feed, grain and cotton in 1937.         260       50       d/       T,G, I       Inon steel casing, repforated below wat							
170         Reported yield, 1,603 gallons a minuto. Pump           254         0.5         36.9         May 6, 1936         C,W         D         Isst at 100 feet.           255         1.9         43.4         May 12, 1937         None         N         Drilled for irrigation but never tested. 25 feet of 16-inch perforated casing at 70           256         0.9         50.5         Aug. 10, 1937         T,G, 85         I         Reported yield, 750 gallons a         Io 95 feet. 105 feet.           257         1.0         68         Aug. 21, None         I         Irrigated 192 acres grain in 1937. 1225 feet. Reported 18 feet drawdown pumping 1,200 gallons a minute for 30 minutes. 84 feet of 14-inch corforated steel cosing suspended           258         0.5         51.1         May 6, 1937         C,W         D         With top at 68 feet. 1937           259         -         -         T,G,         I         Irrigated 495 acres feed and wheat in 1937. 1937         Ison a minute. 1937         Ison a minute. 1937         Ison a minute. 1937         Io sa a minute. 1937							
254       0.5       36.9       May 6, 1936       C.W       D       Isot at 100 feet.         255       1.9       43.4       May 12, 1937       None       N       Drilled for irrigation but never tested. 25 feet of 16-inch perforated casing at 70         256       0.9       50.5       Aug. 10, 1937       T.G.       I       Reported yield, 750 gallons a       Ito 95 feet. 16-inch steel casing at top.       "Red Beds" at 16-inch steel casing at top.         257       1.0       68       Aug. 21, 1937       None       I       Irrigated 192 acres grain in 1937. 1225 feet.         258       0.5       51.1       May 6, 1937       C.W       D       With top at 68 feet. 1937         259         T.G.       I       Irrigated 495 acres feed and wheat in 1937. 120       Reported 20 feet drewdown pumping 1,800 gal- 1937.         260       50       d/       T.G.       I       Irrigated 200 acres feed, grain and cotton in 1937. Reported yield, 300 gallons a minute.         261       0       64.9       May 2, 1936       C       N         301       0.2       31.4       July 24, 1937       C       N         302       5.0       66.9       Nov. 17, T.O., 1937       I       Irrigated 97 acres in 1937. Pump set at 1937	253					I	Irrigated 575 acres cotton and wheat in 1937.
1936         None         None         None         Drilled for irrigation but never tested.           255         1.9         43.4         May 12, None	-				170		Reported yield, 1,600 gallons a minute. Pump
1936         None         None         N         Drilled for irrigation but never tested.           255         1.9         43.4         May 12, None         N         Drilled for irrigation but never tested.           256         0.9         50.5         Aug. 10, T,G, I         Reported yield, 750 gellons a         10.95 feet.           1937         85         minute. Pump set at 130 feet.         75 feet of 16-inch steel casing at top.         "Red Beds" at 16.95 feet.           257         1.0         68         Aug. 21, None         I         Irrigated 192 acres grain in 1937.1225 feet.           258         0.5         51.1         May 6, C,W         D         Reported 18 feet drawdown pumping 1,800 gel-           259           T,G, I         Irrigated 495 acres feed and wheat in 1937.           260         50         d/         T,G, I         Irrigated 200 acres feed, and wheat in 1937.           260         50         d/         T,G, I         Irrigated 200 acres feed, and wheat in 1937.           261         0         64.9         May 2, C, -         N           261         0         64.9         May 2, C, -         N           1937         80         Irrigated 97 acres in 1937. Pump set at 13-           301	254	0.5	36.9	May 6,	C.W	D	sot at 100 feet.
255       1.9       43.4 May 12, None       None       N       Drilled for irrigation but never tested.         256       0.9       50.5 Aug. 10, T,C,       I       Reported yield, 750 gallons a       iv 95 feet.         1937       85       minute. Pump set at 130 feet. 75 feet of 16-inch steel casing at top.       "Red Beds" at 16-inch steel casing at top.       "Red Beds" at 1937         257       1.0       68:       Aug. 21, None       I       Irrigated 192 acress grain in 1937.1225 feet.         1937       1937       1937       Reported 18 feet drawdown pumping 1,200 gallons a minute for 30 minutes. 84 feet of 14-inch perforated steel casing suspended         258       0.5       51.1 May 6, C,W       D       with top at 68 feet.         1937       1937       I       Irrigated 495 acress feed and wheat in 1937.         259         T,G, I       Irrigated 20 feet drawdown pumping 1,800 gal-         260       50       d/       T,G, I       Irrigated 30 acres feed, grain and cotton in 1937.         260       50       d/       T,G, I       Irrigated 20 acres feed, grain and cotton in 1937.         261       0       64.9 May 2, C, -       N       Irrigated 30 acres feed, grain and cotton in 1936         301       0.2       31.4       July 24, G,W       N<							
1937         25 feet of 16-inch perforated casing at 70           256         0.9         50.5         Aug. 10, T.G. I         Reported yield, 750 gallons a (to 95 feet. 1937         85           1937         85         minute. Pump set at 130 feet. 75 feet of 16-inch steel casing at top. "Red Beds" at 1837         16-inch steel casing at top. "Red Beds" at 1937           257         1.0         68         Aug. 21, None         I         Irrigated 192 acres grain in 1937.1225 feet. Reported 18 feet drawdown pumping 1,200 gallons a minute for 30 minutes. 84 feet of 14-inch perforated steel casing suspended           258         0.5         51.1         May 6, C.W         D         [with top at 68 feet. 1937           259           T.G. I         Irrigated 495 acres feed and wheat in 1937. Reported 20 feet drawdown pumping 1,800 gal- 1937         1800 gal- 1937           260         50         d/         T.G. I         Irrigated 200 acres feed, grain and cotton in 1937. Reported yield, 800 gallons a minute. Pump st at 84 feet. 222 feet of 16-end 13- 1936           301         0.2         31.4         July 24, C.W         N           1937         80         120 feet. Reported yield, 950 gallons a 120 feet. Reported yield, 950 gallons a 120 feet. Reported yield, 950 gallons a 120 feet. Reported yield, 950 gallons a 12037	255	1.9	43.4	the second s	None	N	Drilled for irrigation but never tested.
256         0.9         50.5         Aug. 10, T.G. 1937         I         Reported yield, 750 gallons a         Ito 95 feet. 100           257         1.0         68         Aug. 21, None         I         Irrigated 192 acres grain in 1937.         125 feet. Reported 18 feet drawdown pumping 1, 200 gallons a minute for 30 minutes. 84 feet of 14-inch perforated steel casing suspended           258         0.5         51.1         May 6, C,W         D         with top at 68 feet.           259           T.G., I         Irrigated 495 acres feed and wheat in 1937.           259           T.G., I         Irrigated 495 acres feed, grain and cotton in 1937           260         50         d/         T.G., I         Irrigated 200 acres feed, grain and cotton in 1937.           261         0         64.9         May 2, 1937         C, -         N           301         0.2         31.4         July 24, 1937         N         N           302         5.0         66.9         Nov. 17, T, 0, 1937         I         Irrigated 97 acres in 1937. Pump set at 1937           302         5.0         66.9         Nov. 17, T, 0, 1937         I         Irrigated 97 acres in 1937. Pump set at 1937           304         0.9         16.5         Aug. 10, C, H <td>200</td> <td>1</td> <td>1001</td> <td></td> <td>1,011C</td> <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td>	200	1	1001		1,011C		· · · · · · · · · · · · · · · · · · ·
1937       85       minute. Pump set at 130 feet. 75 feet of 16-inch steel casing at top. "Red Beds" at 17rigated 192 acress grain in 1937.1225 feet. Reported 18 feet drawdown pumping 1,200 gallons a minute for 30 minutes. 84 feet of 14-inch perforated steel casing suspended         258       0.5       51.1 May 6, C,W D 1937       D       Irrigated 495 acres feed and wheat in 1937. Reported 20 feet drawdown pumping 1,800 gal- 1937         259       -       -       T,G, I       Irrigated 495 acres feed and wheat in 1937. Reported 20 feet drawdown pumping 1,800 gal- 260         260       50       d/       T,G, I       Inns a minute. Pump set at 120 feet. 85         261       0       64.9 May 2, 1936       C,-       N         301       0.2       31.4 July 24, C,W       N       Irrigated 97 acres in 1937. Pump set at 1937       Beorted yield, 950 gallons a 120 feet. Reported yield, 950 gallons a 1937	050		EOE	hard a second	ma		
257       1.0       68. Aug. 21, None       I       Irrigated 192 acres grain in 1937. 1225 feet. Reported 18 feet drawdown pumping 1, 200 gallons a minute for 30 minutes. 84 feet of 14-inch perforated steel casing suspended         258       0.5       51.1 May 6, C,W       D       with top at 68 feet.         1937       1937       10       Irrigated 495 acres feed and wheat in 1937.         259       -       -       T,G, I       Irrigated 200 acres feed, grain and cotton in 1957. Reported 20 feet drawdown pumping 1,800 gal-         260       50       d/       T,G, I       Ions a minute. Pump set at 120 feet. 1957. Reported yiold, 300 gallons a minute. Pump set at 84 feet. 222 feet of 16-end 13- inch steel casing, perforated below water         261       0       64.9 May 2, 1936       C,-       N         301       0.2       31.4 July 24, 1937       C,-       N         302       5.0       66.9 Nov. 17, T,0, 1937       I       Irrigated 97 acres in 1937. Pump set at 120 feet. Reported yield, 950 gallons a         303       -       -       -       -       -       -         303       -       -       -       -       -       -         304       0.9       16.5 Aug. 10, C, H       S       -       -       -         304       0.9       16.5 Aug. 10, C, H	200	0.9	50.5	. –		1	
257       1.0       68. Aug. 21, None       I       Irrigated 192 acres grain in 1937. 1225 feet. Reported 18 feet drawdown pumping 1,200 gallons a minute for 30 minutes. 84 feet of 14-inch perforated steel casing suspended         258       0.5       51.1 May 6, C,W       D       with top at 68 feet.         259       -       -       T,G, I       Irrigated 495 acres feed and wheat in 1937. Reported 20 feet drawdown pumping 1,800 gal-         260       -       50       d/       T,G, I       Inrigated 200 acres feed, grain and cotton in 1937. Reported 20 feet.         261       0       64.9 May 2, 1936       C,-       N       N         301       0.2       31.4 July 24, 1937       C,-       N       N         302       5.0       66.9 Nov. 17, T,0, 1937       I       Irrigated 97 acres in 1937. Pump set at 120 feet. Reported yield, 950 gallons a         303       -       -       -       C,H       S         304       0.9       16.5 Aug. 10, C,H       S       120 feet. Reported yield, 950 gallons a				1934	85		minute. Pump set at 150 reet. 75 reet or
1937       Reported 18 feet drawdown pumping 1,200         258       0.5       51.1 May 6, C,W       D         1937       1937       Irrigated steel casing suspended         259         T,G, I       Irrigated 495 acres feed and wheat in 1937. Reported 20 feet drawdown pumping 1,800 gal-         260       50       d/       T,G, I       Irrigated 200 acres feed, grain and cotton in 1937. Reported 200 acres feed, grain and cotton in 1937. Reported yield, 800 gallons a minute. Pump s:t at 84 feet. 222 feet of 16-and 13- inch steel casing, remforated below water         261       0       64.9 May 2, C, -       N         1937       1937       Irrigated 97 acres in 1937. Pump set at 1937.         301       0.2       31.4 July 24, C, W       N         1937       302       5.0       66.9 Nov. 17, T, 0, I       Irrigated 97 acres in 1937. Pump set at 1937.         303              303             304       0.9       16.5 Aug. 10, C, H       S					<u></u>		
258       0.5       51.1 May 6, C,W D       D       with top at 68 feet.         259         T,G, I       Irrigated 495 acres feed and wheat in 1937.         260       50       d/       T,G, I       Irrigated 495 acres feed and wheat in 1937.         260       50       d/       T,G, I       Instant end of the proceed 20 feet drawdown pumping 1,800 gal-         260       50       d/       T,G, I       Instant end of the proceed 200 acres feed, grain and cotton in 1957. Reported yield, 800 gallons a minute.         261       0       64.9 May 2, C, - N       N       Irrigated 200 acres in 1937. So gallons a minute.         261       0       64.9 May 2, C, - N       N       Ievel.         1936       1937       301       0.2       31.4 July 24, C,W N         1937       80       120 feet. Reported yield, 950 gallons a         303       -       -       Cr, N       Abandoned and caved in.         303       -       -       Cr, N       Abandoned and caved in.         304       0.9       16.5 Aug. 10, C, H       3       1937	257	1.0	68 ·	Aug. 21,	None	II	Irrigated 192 acres grain in 1937. 225 feet.
258         0.5         51.1         May 6, 1937         C,W         D         With top at 68 feet.           259           T,G,         I         Irrigated 495 acres feed and wheat in 1937. Reported 20 feet drawdown pumping 1,800 gal- 260         50         d/         T,G,         I         Irrigated 20 feet drawdown pumping 1,800 gal- 170         120           260         50         d/         T,G,         I         Inns a minute. Pump set at 120 feet. Irrigated 200 acres feed, grain and cotton in 1957. Reported yield, 800 gallons a minute. Pump s: tat 84 feet. 222 feet of 16-end 13- inch steel casing, rerforated below water           261         0         64.9         May 2, 1936         C,-         N         Ievel.           301         0.2         31.4         July 24, 1937         C,W         N         Ievel.           302         5.0         66.9         Nov. 17, T,O,         I         Irrigated 97 acres in 1937. Pump set at 120 feet. Reported yield, 950 gallons a           303           Cf,         N         Abandoned and caved in.         Iminute. See log.           304         0.9         16.5         Aug. 10,         C,H         S         Iminute.         Iminute.				1937			Reported 18 feet drawdown numming 1,200
258         0.5         51.1         May 6, 1937         C,W         D         With top at 68 feet.           259           T,G,         I         Irrigated 495 acres feed and wheat in 1937. Reported 20 feet drawdown pumping 1,800 gal- 260         50         d/         T,G,         I         Irrigated 20 feet drawdown pumping 1,800 gal- 170         120           260         50         d/         T,G,         I         Inns a minute. Pump set at 120 feet. Irrigated 200 acres feed, grain and cotton in 1957. Reported yield, 800 gallons a minute. Pump s: tat 84 feet. 222 feet of 16-end 13- inch steel casing, rerforated below water           261         0         64.9         May 2, 1936         C,-         N         Ievel.           301         0.2         31.4         July 24, 1937         C,W         N         Ievel.           302         5.0         66.9         Nov. 17, T,O,         I         Irrigated 97 acres in 1937. Pump set at 120 feet. Reported yield, 950 gallons a           303           Cf,         N         Abandoned and caved in.         Iminute. See log.           304         0.9         16.5         Aug. 10,         C,H         S         Iminute.         Iminute.							
258       0.5       51.1 May 6, 1937       C,W       D       with top at 68 feet.         259         T,G,       I       Irrigated 495 acres feed and wheat in 1937. Heported 20 feet drawdown pumping 1,800 gal-         260       50       d/       T,G,       I       lons a minute. Pump set at 120 feet. Irrigated 200 acres feed, grain and cotton in 1957. Reported yield, 800 gallons a minute. Pump set at 84 feet. 222 feet of 16-end 13- inch steel casing, perforated below water         261       0       64.9 May 2, 1936       C,-       N       level.         301       0.2       31.4 July 24, 1937       C,W       N       level.         302       5.0       66.9 Nov. 17, T,O,       I       Irrigated 97 acres in 1937. Pump set at 120 feet. Reported yield, 950 gallons a         303       -       -       -       Of,       N       Abandoned and caved in.       Iminute. See log.         304       0.9       16.5 Aug. 10, C,H       S       1937       S       Iminute. See log.							
1937       1937         259         T,G, I       Irrigated 495 acres feed and wheat in 1937.	258	0.5	51 1	May 6.	CW	T)	
259         T,G,       I       Irrigated 495 acres feed and wheat in 1937. Reported 20 feet drawdown pumping 1,800 gal- lons a minute. Pump set at 120 feet. Irrigated 200 acres feed, grain and cotton in 1937. Reported yield, 300 gallons a minute. Pump set at 84 feet. 222 feet of 16-and 13- inch steel casing, perforated below water         261       0       64.9 May 2, 1936       C,-       N         301       0.2       31.4 July 24, 1937       C,W       N         303         Cf, 1937       I       Irrigated 97 acres in 1937. Pump set at 120 feet. Reported yield, 950 gallons a         304       0.9       16.5 Aug. 10, 1937       C,H       S	200		01.01	-	<b>()</b>	<u></u>	
170       Reported 20 feet drawdown pumping 1,800 gal-         260       50       d/       T,G,       I         85       Irrigated 200 acres feed, grain and cotton in 1957. Reported yield, 300 gallons a minute. Pump set at 84 feet. 222 feet of 16-and 13-inch steel casing, perforated below water         261       0       64.9 May 2,       C,-       N         1936       1937       1       Irrigated 97 acres in 1937. Pump set at 120 feet.         301       0.2       31.4 July 24, C,W       N         1937       80       120 feet. Reported yield, 950 gallons a         303       -       -       Cf., N       Abandoned and caved in.         304       0.9       16.5 Aug. 10, C, H       S	050			1 2 2 0 1			Transferate 2 AOE appendix de la construction 2002
260       50       d/       T,G,       I       lons a minute. Pump set at l20 feet. Irrigated 200 acres feed, grain and cotton in 1957. Reported yield, 800 gallons a minute. Pump set at 84 feet. 222 feet of 16-and 13- inch steel casing, perforated below water         261       0       64.9 May 2, 1936       C,-       N       level.         301       0.2       31.4 July 24, 1937       C,W       N       level.         302       5.0       66.9 Nov. 17, 1937       T,O,       I       Irrigated 97 acres in 1937. Pump set at 120 feet. Reported yield, 950 gallons a         303       -       -       Cf,       N       Abandoned and caved in.       minute. See log.         304       0.9       16.5 Aug. 10, 1937       C,H       S       S       S	209				1 .	1	
85     Irrigated 200 acres feed, grain and cotton in 1957. Reported yield, 800 gallons a minute. Pump set at 84 feet. 222 feet of 16-and 13- inch steel casing, perforated below water       261     0     64.9 May 2, 1936     C,-     N       301     0.2     31.4 July 24, 1937     C,W     N       302     5.0     66.9 Nov. 17, 1937     T,O,     I       303       Cf,     N       304     0.9     16.5 Aug. 10, 1937     C,H     S					the second se		
85     Irrigated 200 acres feed, grain and cotton in 1957. Reported yield, 800 gallons a minute. Pump s:t at 84 feet. 222 feet of 16-and 13- inch steel casing, perforated below water       261     0     64.9 May 2, 1936     C,-     N     Ievel.       301     0.2     31.4 July 24, 1937     C,W     N     Ievel.       302     5.0     66.9 Nov. 17, T,O, 1937     I     Irrigated 97 acres in 1937. Pump set at 120 feet. Reported yield, 950 gallons a       303       Cf,     N     Abandoned and caved in.     Iminute. See log.       304     0.9     16.5 Aug. 10, 1937     C,H     S     S	260	í.	50	<u>a</u> /	3	I	
261       0       64.9       May 2, C, -       N       N         261       0       64.9       May 2, C, -       N       N         301       0.2       31.4       July 24, C, W       N       N         302       5.0       66.9       Nov. 17, T, O, I       Irrigated 97 acres in 1937. Pump set at 120 feet. Reported yield, 950 gallons a         303       -       -       Cf, N       Abandoned and caved in.       Minute. See log.         304       0.9       16.5       Aug. 10, C, H       S       1937			l í		85		Irrigated 200 acres feed, grain and cotton in
Pump s:t at 84 feet. 222 feet of 16-and 13- inch steel casing, perforated below water         261       0       64.9 May 2, 1936       0, -       N       1evel.         301       0.2       31.4 July 24, 1937       0, W       N       1evel.         302       5.0       66.9 Nov. 17, T, 0, 1937       I       Irrigated 97 acres in 1937. Pump set at 120 feet. Reported yield, 950 gallons a         303       -       -       -       Cf, N       Abandoned and caved in.         304       0.9       16.5 Aug. 10, C, H       S         1937       1937       5						1	
261       0       64.9       May 2, C, -       N       inch steel casing, perforated below water         261       0       64.9       May 2, C, -       N       ilevel.         1936       1936       1937       0.2       31.4       July 24, C, W       N         302       5.0       66.9       Nov. 17, T, O, I       Irrigated 97 acres in 1937. Pump set at       1937         303       -       -       -       Cf, N       Abandoned and caved in.       ininute. See log.         304       0.9       16.5       Aug. 10, C, H       S       1937       S							
261       0       64.9       May 2, C, -       N       level.         1936       301       0.2       31.4       July 24, C, W       N       1937         302       5.0       66.9       Nov. 17, T, O, I       Irrigated 97 acres in 1937. Pump set at 120 feet. Reported yield, 950 gallons a         303       -       -       Cf, N       Abandoned and caved in.       minute. See log.         304       0.9       16.5       Aug. 10, C, H       S       1937					4	* 1	
1936         301       0.2       31.4       July 24, C,W       N         1937       1937       1       Irrigated 97 acres in 1937. Pump set at 1937         302       5.0       66.9       Nov. 17, T,O, I       Irrigated 97 acres in 1937. Pump set at 120 feet. Reported yield, 950 gallons a         303         Cf, N       Abandoned and caved in.       Minute. See log.         304       0.9       16.5       Aug. 10, C, H       S       1937	0.01		CA C	Nort O		7.T	
301       0.2       31.4       July 24, C,W       N         1937       1937       1       Irrigated 97 acres in 1937. Pump set at 120 feet. Reported yield, 950 gallons a         303       -       -       Cf, N       Abandoned and caved in.       Minute. See log.         304       0.9       16.5       Aug. 10, C, H       S       S	201	0	04.9		U <b>,</b> —	N	ilevel.
1937         302       5.0       66.9       Nov. 17, T,O, I       Irrigated 97 acres in 1937. Pump set at 1937         303       -       -       Cf, N       Abandoned and caved in.         304       0.9       16.5       Aug. 10, C,H       S			ļ	and the second state of th		• 	
302       5.0       66.9       Nov. 17, T,O, I       Irrigated 97 acres in 1937. Pump set at 120 feet. Reported yield, 950 gallons a         303       -       -       Cf, N       Abandoned and caved in.       Minute. Sec log.         304       0.9       16.5       Aug. 10, C,H       S       S	301	0.2	31.4	July 24,	C,W	N	
302       5.0       66.9       Nov. 17, T,O, I       Irrigated 97 acres in 1937. Pump set at 120 feet. Reported yield, 950 gallons a         303       -       -       Cf, N       Abandoned and caved in.       Minute. Sec log.         304       0.9       16.5       Aug. 10, C,H       S       S				1937		1	
1937         80         120 feet. Reported yield, 950 gallons a           303         -         -         Cf, N         Abandoned and caved in.         Minute. See log.           304         0.9         16.5         Aug. 10, C, H         S         S	302	5.0	66.9		T,0.	I	Irrigated 97 acres in 1937. Pumn set at
303         Cf, N       Abandoned and caved in.       Iminute.       See log.         304       0.9       16.5       Aug. 10, C, H       S         1937       1937       1937       1937				Į		i –	-
304         0.9         16.5         Aug. 10, C, H         S           1937         1937         1937         1937         1937	307					NT	
1937	505			1	UL 9	TN	avanuoneu anu caveu in. iminute. Dee Log.
1937	704		10 -	A			
	504	0.9	70.2		U, H	ຽ	
305 0.6 37.6 do. C.W S	*****						
	305	0.6	37.6	do.	C,W	S	
				1	Į	1	

				-19-		
Records	of	Wells	in	Swisher	County-Continued	

		Record	is of 1	Wells in Swisher	County-Cont	tinued			
No.	Distance from Tulia	e Section or Survey	Block	Owner	Drillor	Topo- graphic situ- ation	com- plo-	Dopth of woll (ft.)	Diam- etar of woll (in.)
306	2 miles east	39, NW <u>1</u> NE1	W-1	W. C. Crawford	Adams & Pritchard			540	
307	4 miles southeast	15, NW <del>]</del> NE <del>]</del>	M-15	J. S. Vars	Green Mch. Co.	Ridge top	1937	173	18
308	do.	14, SE <u>1</u> SE <u>1</u>	M-15	E. R. Sprawls	E. R. Sprawl	s do.	1936	176	18
309	do.	25, Se <u>‡</u> NW <u>‡</u>	M-15	W. F. Wall	Creen Mch. Co.	do.	1937	172	18
310	$4\frac{1}{4}$ miles southeast	25, SW1NW1	M-15	Mrs. H. P. Wilkins	do.		1935	173	18
311	5 <u>2</u> miles southeast	26, SW <sub>2</sub> 3E <u>1</u>	M-15	S. H. Braly	do.	Gentle slope	1937	162	18
312	5 miles southeast	24, SW cor. SE <sup>1</sup>	M-15	D. H. Elliff	E. R. Sprawl	s Ridge top	1936	175	18
313	do.	24, SW <del>1</del> S <b>E</b> 1	M1.5	do.	do.	dc.	1936	114	18
314	5 <u>‡</u> miles southeast	18, NW1NW1	M-15	C. E. Dietrich	Green Mch. Co.	đo.^	1936	175	18
315	$6\frac{1}{2}$ miles southeast	21, Nw <u>i</u> nwi	M-15	F. J. Vannerson	— VanArsdal	do.	1914	205	23
316	7 miles southeast	34, NW 1 NW 1	M-15	W. S. Hearne		io.			
317	7 <sup>1</sup> miles southeast	20, NW <sub>1</sub> SE <sup>1</sup> / <sub>4</sub>	M-15	A. B. Martin	John Tye	đo.	1935	222	18
318	8 miles southeast	20, SW <u>1</u> SE <u>1</u>	M-15	do.	do.	do.	1936	222	18
319	6 <sup>1</sup> / <sub>2</sub> miles southeast	15, NW <u>2</u> NE1	M-13	H. J. Nash	Green Mch. Co.	do.	1937	200	18
320	7 miles south	25, NE <sub>4</sub> SE <sup>1</sup> / <sub>4</sub>	M-13	Smith & Barnhart	do.	Gentle slope	1937	200	18
321	do.	25, SW <u>1</u> NW <u>1</u>	M-13	Miss Alice Harrəl	do.	do.	1937	220	18
322	do.	do.	M-13	do.	do.	âo.	1937	216	18
-	L				•			2 19	!

-20-Records obtained by C. R. Follott

			Re	cords (	obtaine	ed by C. R. Follett
	Height of		Level		Ì	
No.	measuring	Depth	Date of	Pump	Usc	Remarks
	point		moasure-		of	
	abovo	measui	- ment	power	water	
	ground	ing oc	oint	<u>b</u> /	<u>c/</u>	
	(ft.) <u>a</u> /	(ft.)			-	
306						Cil test.
307		48	ď/	T,G,	I	Irrigated 143 acres feed and wheat in 1937.
				85		Reported yield, 1,000 gallons a minute.
						Pump set at 84 feet. 132 feet of 16-inch
308	<u>ح</u> ې	51	d/	T,G,	I	Irrigated perforated steel casing on botton.
						180 acres focd, whert and alfalfa in 1937.
				, , ,	1	Reported yield, 1,500 gallons a minute. Pump
309		60	<u>d</u> /	Т,Э,	I	Irrigated 220 acros in  set at 72 feet.
				85		1937. Reported yield, 900 gallons a minute,
						Pump sct at 96 feet. 152 feet of 16-inch
						stoel casing at top, parfor ted below water
310		60	d/	Τ,G,	I	Irrigated 215 acres in 1937. Report- level,
			_	85		ed yield, 850 gallons a minuto. Pump set at
						84 feet. 150 feet of 16-and 12-inch porfo-
311'	. <del>.</del>	50	d/	Τ,G,	I	Irrigated 237 rated steel cosing of bottom.
			_	85		acres in 1937. Reported yield, 800 gallons
						a minute. Pump set at 84 feet. 142 feet of
						16-and 12-inch perforated steel casing at
312				Т,С,	I	Irrigated at bottom. "Red Beds" at 158 feet.
				85		160 acres feed and wheat in 1937. Reported
						yield, 700 gellons a minute. Pump set at 84
313	1.0	59.2	Nov. 12,	None	N	Used summer of 1936 for irrigation. feet.
			1937			Tried to drill deeper lost tools and abandon-
314	37	50	d/	<b>T</b> ,G,	I	Irrigated 139 acres in 1937. Re- ed well.
	-			40		ported yield, 800 gallons a minute. Pump
						set at 96 feet. Sand from 163 to 175 feet.
315	2.5	55.1	Nov. 6,	Т,О,	N	Not used last 20 years. Reported yield,
			1937	60		1,200 gellons a minute. Pump set at 75 feet.
						205 feet of 28-inch casing. Water level wes
						measured as 48 feet and 4 inches below cas-
						ing, which is 6 inches above surface, by
316				Nonc	N	Drilling in No- lowner in 1914. See log.
						vember, 1937, for irrigetion well.
317	1.0	57.4	Nov. 12,	T,G,	I	Irrigated 530 acres feed and wheat in 1937
			1937	95	ł	from 2 wells. Reported 28 feet drawdown
					ł	pumping 900 gallons a minute for 24 hours.
						Pump set at 64 feet. 100 feet of 16-inch
						perfor ted steel cosing from 40 to 140 feet.
318	1.3	59.1	do.	Т, С,	I	Reported yield, 755 galions a minute. Pump
				85		set at 34 feet. 100 feet of 16-inch perfo-
				1		rated steel casing from 40 to 140 feet.
319		64	d/	Τ,G,	I	Reported yield, 1,000 gallons a minute. Pump
				85		set at 84 feet.
320		<u> </u>		<b>T</b> ,G,	I	Reported yield, 800 gallons a minute. Pump
				85		set at 96 feet. 200 feet of 16-inch steel
			1	1		casing, perforated below water level.
321	2.0	68.9	Nov. 4,	T,N,	I	Estimated yield, 750 gallons a minute. Pump
			1937	85		set at 120 feet. 220 feet of 16-and 12-inch
			}		1	steel casing, perforated below water level.
322	1.2	71.2	Aug. 10,	T,,	I	Irrigated 326 acres whoat and feed in 1937.
			1937	85	-	Reported yield, 900 gallons a minute. Pump
	1				1	sot at 96 fect. 216 feet of 18-, 16-, and
		1		*	5	12-inch steel casing, perforated below water
	. <u>t</u>		2			level.

-21-Records of wells in Swisher County--Continued

		Record	ls of v	rells in Swishon	c County-Cont	inued			
No.	Distance	e Section	Block	Owner	Drillor	Topo-	Date	Dopth	Disa-
	from	or				granhic	com-	of	eter
	Tulia	Survey				situ-	pla-	woll	of
						ation	ted	(ft.)	woll
							••-	,	(ir.)
202	61 milos	24,	M-13			Gentle		76	6
323	$6\frac{1}{2}$ miles		1 WI-TO					10	
	south	NWZNEŻ	26.2.7			slops	012		6
324	đo.	23,	M-13	Houston School	•••••	Slopo	Old	70	0
		SE cor. SE						ļ	
325	6 miles	22,	M-13			do.		39	6
	south	SWANWA							
326	5 <sup>1</sup> / <sub>2</sub> miles	21,	M-13	F. M. Hilliard	F. L. Moore	Gentle	1937	221	18
	south	NW cor. NW1	ĺ			slone			
327	do.	14,	M-13	W. H. Lowe	Green Mch.	Ridge	1937	24)	18
021		SEISWI	111-10		Co.	top	1001		
		DBZOWZ	ł		00.	νομ			
			ł						
			ł						
328	4 miles	8,	M-13	J. L.	Baker &		1929	200	
	south	NE cor. SW2	l	Stallings	Keagan			l.	1
328	3 <sup>1</sup> / <sub>4</sub> miles	4,		J. H. Kennedy	Baker &			1,235	
	south	SE <sup>1</sup> SW <sup>1</sup>	1 10	or me monitory	Woodruff			.,	
700	3 miles		M-13	M. G. Davis	abouturr	Gentle			
529		2,	10-10	M. G. DAVIS					
		NW cor. NW				slope			
330	$3\frac{1}{4}$ miles	2,	M-13	do.		₫0•	1937	196	18
	southwest	SW cor. NW4	1 4						
331	7 miles	31,	M-13	T. E. Duke	W. D. witt	Ridge	1937	208	18
	south	SWANEZ				top			
						•			
332	71 miles	28,	M-13	W. F. Korr	W. F. Kerr	Gantic	1937	2,19	18
202	south	NW 1NW 1				slope			
	SUUUI	TANA 77.144 -7	1			970b2			
	ţ		1						
								! <del> </del>	
,	81 miles	37,	M-13		Baker Pump	do.	1.937		18
	south	NW cor. NE			<u> </u>				L
333a	a9 miles	38,	M-13	R. B.	G. E. Green		1913	195	22
	south	<b>E</b> <sup>1</sup> / <sub>2</sub>		Skipworth					
334	10 miles	Constraints of the state of the	M-13	H. Sanas	D. L. Handley	Gentic	1937	241	18
	south	SWISWI				slope			
335	do.	41,	M-13			do.			6
000	~~··			_		u0.			Ŭ
270		SW cor. SW1			1 			<u> </u>	
536	10 miles	41,	M-13		í	do.			6
,	south	NW cor. SW1						L	
337	8 miles	27,	M-13	J. R. Barnhart		Flat		65	6
1 1	south	SEINE		l					
338	do.	20,	M-13	R. L. Edmonson	Green Mch.	Gontle	1937	190	18
		NW1SW1	1		Co.	slope			1
339	81 miles	20,	M-13	do.		do.		+	7
	south	SW cor. SW4				~~~ <b>•</b>		1	
740	a la construction de la construc			3.	Amore Marte		1000	1 100	1 10
340	8 miles	2,	1	do.	Green Mch.	do.	1937	180	18
	southeast	And the second se	<b> </b>		Co.		-		
341	9늘 miles	SW cor., E.T.	1	Harry Whitfill		Ridge	1933		13
	southeast	Skipworth				top			
342	10 miles	NNI, F. L.		N. T. Watson	C. A. Mullins	Gestlo	1937	221	18
	1	Williams		<b>a</b>	:	sloco	1	; ;	1
			uallv i	top of casing,	top of wood at	Concernance was ensured as ensured	o tor	of cor	oreto

a/ Measuring point was usually top of casing, top of wood sips clamp, top of concrete pump foundation, or top of pir-line holp in pump base.

b/ T, turbine; Cf, centrifugal; C, cylinder; E, electric; G, gosoline; Ng, ratural gas; O, diesel or semi-diesel; W, windmill; H, haná; number indicates horsepower.

-22-Records obtained by C. R. Follett

Height of measuring Denth Date of Denth Date of Denth Date of Denth Date of adove measurement power water ground ing point b/ g/ (ft.)       Pump of the second power water ground ing point b/ g/ g/       Remarks         323       0.4       63.2       June 5, c,W       S       1937         324       -       -       C,W       P       Located near crock.         325       0.6       32.4       July 26, C,W       D,S       Do.         325       0.6       32.4       July 26, C,W       D,S       Do.         326       -       60       d/       T,G, I       Irrigate I63 acres in 1937.         327       -       60       d/       T,G, I       Irrigate Ifor 1 hour. Pump s         327       -       60       d/       T,G, I       Irrigate Ifor 1 hour. Pump s         328       -       -       -       -       Oil test.       "Red Beds         328       -       -       -       -       Do.       -         329       -       -       -       -       Do.       -         329       -       -       -       -       Do.       -         329       -       -       -       -       Do.       -       -	
No. measuring Depth Dato of Pump Use of above measure- and of power water ground ing point b/ g/ (ft.) g/ (ft.) [323 0.4 63.2 June 5, C,W S 1937 324 C,W P Located near creek. 325 0.6 32.4 July 26, C,W D,S Do. 1937 C,W P Located near creek. 326 - 61 d/ T,G, I Irrigated 163 acres in 1937. 327 - 60 d/ T,G, I Irrigated 163 acres in 1937. 50 ed 60 acres feed and cotton mated yield, 1,000 gallons a stol casing, perforated bel 328 Do. 328 Do. 329 T,G, I Irrigated 40 acres feed in 1 330 T,G, I Irrigated 10 acres feed in 1 331 T,G, I Irrighted 10 acres feed and Reported yield, 900 gallons a minute. 331 T,G, I Irrighted 10 acres feed and Reported yield, 900 gallons a minute. 331 T,G, I Irrighted 10 acres feed and Reported yield, 900 gallons a minute. 331 T,G, I Irrighted 10 acres feed and Reported yield, 900 gallons a minute. 331	
point above ground (ft.)below measur- mont power (ft.)end power water $\underline{9}$ /3230.463.2June 5, 1937C,WS324C,WPJocated near crock.1937July 26, 1937C,WDo.3250.632.4July 26, 1937C,WDo.326-61 $\underline{d}$ / 1937T,G, 1Irrigated 163 acres in 1937. feet drawdown pumping 1,000327-60 $\underline{d}$ / 50T,G, 1Irrigat- for 1 hour. Pump s ed 60 acres feed and cotton mated yield, 1,000 gallons a sot at 96 feet.328329329331T,G, 85IIrrigated 170 acres feed in 1 yield, 850 gallons a minuta. Reported yield, 900 gallons	
above ground (ft.) g/ (ft.)power water $\underline{b}$ 3230.463.2June 5, 1937C,WS324C,WPJocated near crock.19373250.632.4July 26, 1937C,WDo.326-61 $\underline{d}$ T,G, S5IIrrigated 163 acres in 1937. feet drawdown pumping 1,000327-60 $\underline{d}$ T,G, S5IIrrigated 163 acres in 1937. feet drawdown pumping 1,000327-60 $\underline{d}$ T,G, S5IIrrigated 163 acres in 1937. feet drawdown pumping 1,000328Oil test.Irrigated 163 acres in 1937. feet drawdown pumping 1,000328Oil test.Irrigated 163 acres in 1937. feet drawdown pumping 1,000 gallons a sot at 96 feet. 240 feet of stoel casing, perforated bel328Oil test.Irred 200329Do.329Do.329Being drilled for irrigation330T,G,IIrrigated 170 acres feed in 1 85331T,G,IIrrigated 170 acres feed and Reported yield, 900 gallons	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	
(ft.)       a/ (ft.)         323       0.4       63.2       June 5, 1937         324       -       -       C,W       P         325       0.6       32.4       July 26, C,W       D,S'       Do.         326       -       61       d/       T,G, I       Irrigated 163 acres in 1937.         326       -       61       d/       T,G, I       Irrigated 163 acres in 1937.         327       -       60       d/       T,G, I       Irrigate for 1 hour. Pump s         327       -       60       d/       T,G, I       Irrigat. for 1 hour. Pump s         328       -       -       -       -       0il test.       imate distance         328       -       -       -       -       0il test.       imate distance       imate distance         328       -       -       -       -       0il test.       imate distance       imate distance         329       -       -       -       -       Do.       imate distance       imate distance       imate distance         330       -       -       -       -       Do.       imate distance       imate distance         331       -	
1937       1937         324       -       -       0,W       P       Located near crock.         325       0.6       32.4       July 26, 0,W       D,S       Do.         326       -       61       d/       T,G, I       Irrigated 163 acres in 1937. feet drawdown pumping 1,000         327       -       60       d/       T,G, I       Irrigat- for 1 hour. Pump s ed 60 acres feea and cotton mated yield, 1,000 gallons a sot st 96 feet. 240 feet of steel casing, perforated bel         328       -       -       -       Oil test.       "Red Weds         329       -       -       -       Do.         330       -       -       -       Do.         331       -       -       T,G, I       Irrigsted 40 acres feed and Reported yield, 900 gallons	
325       0.6       32.4       July 26, C, W       D,S.       Do.         326       -       61 <u>d</u> /       T,G,       I       Irrigated 163 acres in 1937.         326       -       61 <u>d</u> /       T,G,       I       Irrigated 163 acres in 1937.         327       -       60 <u>d</u> /       T,G,       I       Irrigate_for 1 hour. Pump s         327       -       60 <u>d</u> /       T,G,       I       Irrigate_for 1 hour. Pump s         328       -       -       60 <u>d</u> /       T,G,       I       Irrigate 163 acres feed and cotton matod yield, 1,000 gallons a sot at 96 feet. 240 feet of stoel casing, borforated bel         328       -       -       -       Oil test. <u>"Red 2eds</u> 328       -       -       -       Do.          328       -       -       -       Do.         329       -       -       -       Do.         330       -       -       -       Do.         331       -       -       T,G, I       Irrigated 170 acres feed and Reported yield, 900 gallons	
1937         326       -       61 <u>d</u> /       T,G,       I       Irrigated 163 acres in 1937.         327       -       60 <u>d</u> /       T,G,       I       Irrigat- for 1 hour. Pump s         327       -       60 <u>d</u> /       T,G,       I       Irrigat- for 1 hour. Pump s         327       -       60 <u>d</u> /       T,G,       I       Irrigat- for 1 hour. Pump s         328       -       -       -       -       -       0il test.       "Red 2eds         328       -       -       -       -       Do.       "Red 2eds         329       -       -       -       -       Do.         330       -       -       -       T,G,       I         331       -       -       -       T,G,       I       Irrigated 40 acres feed in 1         331       -       -       -       T,G,       I       Irrigated 170 acres feed and         351       -       -       -       T,G,       I       Irrigated 170 acres feed and         351       -       -       -       T,G,       I       Irrigated 170 acres feed and	
327        60       d/       T,G,       I       Irrigat- for 1 hour. Pump s         327        60       d/       T,G,       I       Irrigat- for 1 hour. Pump s         60       d/       T,G,       I       Irrigat- for 1 hour. Pump s       ed 60 acres feed and cotton         mated yield, 1,000 gallons a       set of 96 feet. 240 feet of       steel casing, porforated bel         328          Oil test.       "Red Beds         328          Do.         329          Do.         329          Being drilled for irrigation         330          Being drilled for irrigation         331         T,G,       I       Irrigated 40 acres feed in 1         331         T,G,       I       Irrigated 170 acres feed and         331         T,G,       I       Irrigated 170 acres feed and         85       Reported yield, 900 gallons       85       Reported yield, 900 gallons	
327       -       60       d/       T,G,       I       Irrigat- for 1 hour. Pump s         50       60       acres feed and cotton       ed 60 acres feed and cotton         matod yield, 1,000 gallons a       sot at 96 feet. 240 feet of         328       -       -       -         328       -       -       -         328       -       -       -         329       -       -       -         320       -       -       -         329       -       -       -         320       -       -       -         329       -       -       -         329       -       -       -         320       -       -       -         320       -       -       -         330       -       -       -         330       -       -       T,G, I       Irrighted 40 acres feed in 1         331       -       -       T,G, I       Irrighted 170 acres feed and         85       Reported yield, 900 gallons       900 gallons	
328       -       -       -       -       0il test.       "Red Beds         328a       -       -       -       -       Do.         329       -       -       -       -       Being drilled for irrigation         330       -       -       -       T,G, I       Irrigated 40 acres feed in 1         331       -       -       T,G, I       Irrigated 170 acres feed and Reported yield, 900 gallons	et at 100 feet. in 1937. Esti- minute. Pump
328       -       -       -       Oil test.       "Red Beds         328a       -       -       -       Do.         329       -       -       -       Do.         330       -       -       -       Being drilled for irrigation         330       -       -       -       T,G, I       Irrigated 40 acres feed in 1         331       -       -       T,G, I       Irrigated 170 acres feed and         331       -       -       T,G, I       Irrigated 170 acres feed and         85       Reported yield, 900 gallons       Stations       Stations	
329       -       -       -       Being drilled for irrigation         330       -       -       T,G, I       Irrigated 40 acres feed in 1         330       -       -       T,G, I       Irrigated 40 acres feed in 1         331       -       -       T,G, I       Irrigated 170 acres feed and Reported yield, 900 gallons	" at 240 feet.
330         T,G,       I       Irrighted 40 acres feed in 1         351         T,G,       I       Irrighted 40 acres feed in 1         331         T,G,       I       Irrighted 170 acres feed and Reported yield, 900 gallons	na da anti anti anti anti anti anti anti ant
85yield, 850 gallons a minute.331T,G,IB5Reported yield, 900 gallons	use.
331 T,G, I Irrighted 170 acros feed and 85 Reported yield, 900 gallons	-
	wheat in 1937. a minute. Pump
3321.264.8June 5,T,Ng,IMeasured yield, 1,300 gal-193745lons a minute by W. F. Kerr.95 feet.172 feet of 15-incstoel casing at top."Red B	casing at top. Pump set at h perforated
333 T,-, I Reported good well.	
333a None N Abandoned. Reported yield, minute. See log.	600 gallons a
3341.679.4Sept.24,T,G,IIrrighted 25 acros feed in 1193785yield, 850 gallons a minute.	
335 0.5 60.9 May 14, None N 1936	
336 0.5 51.2 July 15, C,H I 1937	
337 3.4 56.3 May 14, C,W D,S Estimated yield, 3 gallons a 1937	. minute.
3381.060.1 Nov. 3,T,G,IEstimated yield, 900 gallons193785foet of 16-inch steel casing	
339 0.0 47.0 May 14, C,N N 1937	na si na
340 T,G, I Irrigatca 240 acres of feed 85 - 1937. Reported yield, 900	
341 1.5 56.3 Nov. 3, T,0, I (60 fost of 16-inch steel) 1937 -	
342 1.0 47.8 do. None N Reported yield, 250 gallons Eeds" at 189 feet.	a minute. "Red

c/ I, irrigation; P, oublic; D, domestic; S, stock; N, not used. d/ Water level reported.

-23-Records of wells in Swisher County--Continued

	Records of wells in Swisher County-Continued										
<b>NT</b>	Distant	Ö. såd som		(1997) a 19	Driller	Topo-	Dete	Donth	Diam-		
No.	Distance		Block	Owner		~	com-	of	oter		
	from	or				graphic			of		
	Tulia	Survey				situ-	-	well	1		
						ation	ted	(ft.)	well		
									(in.)		
343	10 miles	NW, F. L.		W. T. Watson	C. A. Mullins		1937	225	18		
	southeast					slope					
344	9 <mark>늘</mark> miles	$SW_{4}^{\perp}$ , W. W.		C. A. Burchard	J. C. Cook	Ridge	1936	195	18		
	south	Christie				top					
345	10 miles	NWZ, W. F.		P. G. Wimberly	terificata.	do.	1914	236	60		
	south	Martin									
346	ll miles	SW1, S. N.		W. C. Cowan	W. C. Cowan	Gentle	1937	148	18		
	south	Jackson				slope					
347	12 miles	51,	M-13	A. S. Jackson	W. D. Witt	Ridge	1937	197	18		
• • •	south	NW 2SE 2				top					
	bouth	1111 200 2				005					
									l		
740	121 miles	60,	M-13			Gentle			6		
040			1			ł			0		
840	south	NW cor. NW2		<u> </u>		slope	2077		+		
349	112 miles	51,	M-13	Mrs. Charles	Green Mch.	do.	1937	191	18		
	south	NW cor. NW		M. Elam	Co.						
									ļ		
350	$10\frac{1}{2}$ miles	50,	M-13	W. O. Caldwoll	- Casebolt	do.	1937	202	18		
	south	NWŻNWŻ									
									1		
351	ll miles	49,	M-13	D. M. Springer	J. C. Cook	do.	1933	190	18		
	south	NW4SE4									
352	111 miles	52,	M-13			Flat			6		
	south	NWHNE									
353	do.	52,	M-13	Kress High		Gentle		65	6		
		SELNE		School		slope			Ĭ		
354	12 miles	52,	M-13			do.		+			
001	south	NW cor. SW4	4			uu.					
355	112 miles	52,	M-13		J. C. Cook	d o	10774	000			
000	{ ~		MTO		J. U. UOOK	do.	1934	200	18		
REC	south	NW cor. NW	70 70		T I 7		1075				
356	do.	54,	M-13	D. C. Beaty	D. L. Handley	do.	1937		18		
77	10.11	NW cor. NW1				10		<b> </b>			
557	12 miles	54 <b>,</b>	M-13		Green Mch.	Ridge	1937		18		
<del></del>	south	SW <del>1</del> SE1			Co.	top		<b></b>	ļ		
358	$12\frac{1}{2}$ miles	56,	M-13	Federal Land		Gentle			6		
	south	NE cor. $NE_4^1$	L	Bank		slope			L		
359	do.	57,	M-13		Green Mch.	do.	1937	220	18		
		NW-INW-I			Co.						
360	13 miles	57,	M-13	Z. J. Thomas		Flat		89	6		
	south	SE. cor. SE	<u>.</u>								
361	14 <sup>1</sup> / <sub>2</sub> miles	· 64,	, M-13	L. Kennedy	- Barton	Gontle	1937	202	18		
_	south	SW_NW_				slope					
		·	·					1			
								1	1		
362	14 miles	64,	M-13			Slope			6		
002	south	sw <del>i</del> swi	TT-TO			to lake					
767	15 miles	<u>5075072</u>	M-13			do.		<u> </u>	6		
000	TO WITES	1 00,	· wi-io			u0•			1 D		
1	south	SWINE							-		

	2	34-			
Records	obtained	Ъy	С.	R.	Follott

				corus (	JUPSTUC	30 Dy C. R. FOLIETT
	Height of		Level	_		<b>—</b> .
No.	measuring		Date of		Use	Remarks
	point	5 4	measure-		of	
	above	1	r- ment	~ .	water	
	ground	ing po	pint	<u>b</u> /	<u>c</u> /	
	(ft.) <u>a</u> /	(ft.)				
343	1.2	46.7	Nov. 3,	Т,G,	N	Reported yield, 250 gallons a minute. Pump
			1937	85		aet at 110 feet. No casing. "Red Beds" at
344	1.2	50.6	Nov. 1,	Т, G,	I	Irrigated 170 acres in 1937. 185 feat.
			1937	60		Measured yield, in 1936, 728 gallons a min-
-						ute. Pump sot at 80 feet. 60 feet of por-
						forated steel casing from 135 to 195 foet.
345	0.5	50.5	do.	T,G,	I	Irrigated 80 acres grain in 1937. Reported
						yield, 500 gallons a minute. Pump gat 75 feet
346		<u> </u>		T,Ng,	I	Irrigated 150 acres wheat in 1937. See log.
				50		Reported yield, 800 galions a minute. Pump
		1				sot at 100 feet. 73 feet of 18-inch steel
347		65	d/	T,G,	I	Irrigated 223 acres in casing at top.
011			<u> </u>	85	-	1937. Reported yield, 900 gallons a minute.
						Pump set at 100 feet. 20 feet of 16-inch
				]	}	perforated steel casing from 80 to 100 feet.
348	3.5	67 6	May 12,	C,W	D	performed stear casing from 50 to 100 feet.
340	3.5	00.0		0,11		
740	1 0	1 50 0	1936	ma		Francisco 100 score in 1077 Descented missial
349	1.0	58.9	Nov. 4,	T,G,	I	Irrigated 100 acres in 1937. Reported yield,
			1937	85	1	900 gallons a minute. Pump set at 96 feet.
						191 feet of 16-and 14-inch steel casing, per-
350	1.3	64,	Nov. 1,	T,G,	I	Reported yield, forated below water level.
			1937	85		800 gallons c minute. Pump set at 100 feet.
					1	204 feet of 16-and 14-inch steel casing,
	L				ļ	porforated below water lovel. Blue clay at
351	<u>ج</u> ب	60	<u>a</u> /	T,G,	I	Irrigated 54 acres in 1937. Re- 200 feet.
						ported yield, 700 gallons a minuta. Pump
						set at 80 feet. 100 foot of 14-inch perfo-
						rated steel casing from 40 to 140 feet.
352	0.3	59.4	May 7,	None	N	
			1936			
353			1	C,W	P	
354	0.4	61.6	May 12,	C, -	N	Was irrigation well with pump jack and 4-
			1936	-		inch water pipe.
355		62	d/	T,Ng,	I	Irrigated 96 acres feed, wheat and cotton in
				85	•	1937 Reported yield, 700 gallons a minute.
356				T, G,	i	Irrigated 155 acres in 1937. Reported yield,
400		1	1	85	_	800 gallons a minute.
357					†	Drilling for irrigation well in December
001		1				1957.
358	0.4	771 5	May 12,	C,-	N	
000	U•±	1 (4.0	1 -	, <b>-</b>	TX	
750		- n= n	1936	m c	+ +	Tatimated wield during downlamment to st
359	2.0	12.1	Dec. 1,	T,G,	I	Estimated yield, during development test,
7.00	+		1937	85		850 gallons a minute. Pump set at 108 feet.
360	0 '	74	May 12,	C,W	D	
	<u> </u>		1936	<u> </u>	<u>  </u>	1
361	0.5	73	Sept.24,		I	Irrigated 95 acres feed and cotton in 1937.
	1		1937	85		Reported yield, 800 gallons a minute. Pump
				l l		set at 108 feet. 194 feet of 17- and 13-
		1	1	<u> </u>		inch steel casing, perforated below 70 feet.
362	4.2	70 :	May 12,	C,-	N	
			1936	<u> </u>		<u> </u>
363	0.	58.7	May 11,			
	1	1	1936	ļ	1	í.
				<u></u>		a t <mark>he present and a the standard and a standard and</mark>

### -25-Records of wells in Swisher County--Continued

	Records of wells in Swisher County-Continued									
No.	Distance from	 e Section   or	Block	Owner	Driller	Topo- graphic	Date com-	Dopth of	Diam- eter	
	Tulia	Survey				situ-		well	of	
	I IUIIa	Durvey				ation	tod	(ft.)	well	
						acton	tuu	(10.)		
		0.7	36.3.0	T 1		T27 +		ļ	(in.)	
364	$13\frac{1}{2}$ miles	63,	M-13	Lincoln Nat'l.		Flat			10	
<del></del>	south	NW INW I		Life Ins. Co.				ļ		
365	14 miles	63,	M-13			Slope			6	
	south	NW cor. SW	1			to lake			<u> </u>	
366	14 miles	NW R.		L. J. Knuckles	0. W. Barnett	Ridge	1937	268	18	
	south	Williams				top				
						_		1		
367	do.	No. KW2		do.	do.	do.	1937	295	18	
		R. Milliams								
368	do.	R. F.		Texas Land &		Flat	Òld	212	26	
500	- u0•	1	-			ria.	Ψ1u	616	20	
		Hudgins		Development Co.	ļ		07.7		0.0	
369	do.	do.		do.		do.	01d		26	
								L		
370	do.	do.		do.		do.	1914	348	26	
371	15 miles	P. Tisdell.		do.		Gentle	01d		26	
	south					slove				
372	do.	SW1, H.J.		do.		Gently	01d		26	
012	u0•	-		u0 .		-	1		20	
0.07		Tisdell	36 34	G. E. McGrede		rolling			┿	
373	14 miles	51,	M-14	G. E. MCGrege		Gentle				
	south	SW cor: SW2				slope				
374	do.	51, Sw <del>a</del> Sw <del>a</del>	M-14	do.	Baker Pump Co.	do.	1937	200	18	
375	13 miles south	52, SW <del>1</del> SW-1	M14	Texas Land & Development Co.	<b></b>	đo.	01d		26	
700	and the second		36 74		Fox		2027	400	+	
976	l2 <sup>1</sup> 2 miles south	52 <b>,</b> NW <sub>코</sub> NW <sub>코</sub>	M-14	H. F. Axtell	FOX	₫o.	1937	400	18	
377	13 miles	41,	M-14			Flat	i	92	6	
	south	NEZSWZ								
378	131 miles	44,	M-14	· · · · · · · · · · · · · · · · · · ·		Gentle	1937			
0/0	south	NW cor. NW				slope	1001			
370	14 miles	43,	M-14	Joe Bontke	Joe Bontke	do.	1937	222	18	
ŲΓJ	south	NW cor. NWA		JOS DOULKS	JOB DOLLING	uu	1901	666	10	
	SUUU	THE COLO THAT								
700	741	177	16 7 4			a		<u> </u>	<u> </u>	
280	14 <sup>1</sup> / <sub>2</sub> miles	43,	M-14	do.		do.			6	
	south	SE INE	\ 					ļ		
381	15 miles	43,	M-14	do.	J. C. Cook	do.			18	
	south	SW1SE1				-				
382	14 <sup>1</sup> / <sub>2</sub> miles	45,	M-14	Bob Hooper		do,			6	
	south	NWINWI		-				1	1	
383	151 miles	54,	M-14	Texas Land &		Flat	01d	208	26	
	south	NW cor. NW4		Development Co.						
384	do.	54,	M-14	do.		do.	1915	165	26	
00+	<b>u</b> 0.		W-T-Ŧ-Ŧ	u0.		u0.	7270	1 100	20	
		NW INE 1								
385	đo.	53,	M-14	do.		do.	01d		26	
		NW cor. NW1							L	
386	do.	53,	M-14	do.		Gentle	01d		26	
		NWINWI				slope		<b></b>		
401	12 d miles	100,	<b>M-</b> 6			Ridge	1933	110	6	
	west	NW cor. NE				top		ł	f 	
	1	4								

	-2	26-			
Records	obtained	by	C.	R.	Follett

Records obtained by C. R. Follott         No. measuring Dopth Date of pump use       Romerks         point below measure- mont power wator       ground ing point       b/ g/       g/       g/         364       0.4       73.9       May 12, None       N       Drilled for irrigation and later ab         365       0.5       69.4       do.       C,W       D         366       1.3       70.4       Sept.15, T,G, I       Irrigated 50 acres feed in 1937. R         366       1.3       70.4       Sept.15, T,G, I       Reported yield, 1,200       How water         367       -       -       T,G, I       Reported yield, 1,200       How water         368       0.       74.1       do.       T,O, I       Reported loasing number. 295 feet of 14i         369       1.5       74.1       do.       T,O, I       Irrigated 150 acres feed, wheat and 60         370       1.0       72.6       do.       T,O, I       Irrigated 150 acres feed, wheat and 60         371       0.4       67.3       May 7, T,O, I       Irrigated 100 acres feed, cotton and 60         373       0       71.8       May 6, C,W       D       Irrigated 195 acres wheat and cotto         374 <td< th=""><th>eported est of</th></td<>	eported est of
No. measuring Dopth Date of Pump Use and of point below measure- above measure- ment power water ground ing point $\underline{b}/$ $\underline{c}/$ (ft.) $\underline{a}/$ (ft.) 364 0.4 73.9 May 12, None N Drilled for irrigation and later ab 1936 365 0.5 69.4 do. C,W D 366 1.3 70.4 Sept.15, T,G, I Irrigated 50 acres feed in 1937. R yield, 800 gallens a minute. 248 f 1937 Ile-inch steel casing at top, perfor 367 T,G, I Reported yield, 1,200 low wat 368 0. 74. May 4, T,O, N Reported leasing, perforated belo 1936 60 1936 60 good well, but not used. 369 1.5 74.1 do. T,O, I Irrigated 150 acres feed and cotton 1936 60 10 10 72.6 do. T,O, N Reported good well but lgallens a minute 371 0.4 67.3 May 7, T,O, I Irrigated 10 acres feed and cotton 1936 60 1937 7.0 10 1936 7.0 10 10 1937. Reported good well but lgallens a minute 1936 7.0 10 1936 7.0 10 10 1936 7.0 10 10 1937. Drawdown, 21 feet, pumpin 372 1.5 63.6 do. T,O, I Irrigated 10 acres feed and cotton 1936 7.0 10 72.6 do. T,O, I Irrigated 10 acres feed and cotton 1936 7.0 10 70 7.0 7.0 10 10 10 10 10 10 10 10 10 10 10 10 10	eported est of
point above ground (ft.)below measure- measure- ment power (ft.)and power wator ground (ft.)below ground (ft.)3640.473.9 1936May 12, 1936None 1936NDrilled for irrigation and later ab 19363650.569.4do.C,WD3661.370.4 1937Sept.15, 1937T,G, 1937I 12-inch steel casing at top, perfor 12-inch steel casing, perforated belo good well, 1,200367T,G, 1I Reported yield, 1,200llow wat gallons a minute. 295 feet of 14-i3680.74.1 100.do.T,O, 10.N Reported lob acres feed and cotton in 1937. 19363701.072.6 100.do.T,O, 100.N Reported good well but gallons a min gallons a min tused. 200.3710.467.3 1936May 7, 100.T,O, 100.I Trigated 110 acres feed and cotton Reported yield, 1,100 gallons a min 1936.3721.563.6 60.G.W 1936.D374-72 20/d/ 20/T,G, 10.1I Irrigated 195 acres wheat and cotto Reported yield, 950 gallons a minut weakened in summer. Set 16-inch pe 375374-72 20/d/ 20/T,G, 1936I 20/I 	eported est of
above ground (ft.) g/ (ft.)ment power wator 	eported est of
ground (ft.)       j $\underline{b}'$ $\underline{c}'$ 364       0.4       73.9       May 12, None       N       Drilled for irrigation and later ab         365       0.5       69.4       do.       C,W       D         366       1.3       70.4       Sept.15, T,G, I       Irrigated 50 acres feed in 1937. R         366       1.3       70.4       Sept.15, T,G, I       Irrigated 50 acres feed in 1937. R         367       -       -       T,G, I       Reported viold, 1,200       Low wat         368       0.       74.       May 4, T,O, N       Reported leasing, perforated belo         369       1.5       74.1       do.       T,O, I       Irrigated 160 acres feed, wheat and         370       1.0       72.6       do.       T,O, N       Reported good well but gallons a min         371       0.4       67.3       May 7, T,O, I       Irrigated 160 acres feed and cotton         372       0.4       67.3       May 6, C,W       D         373       0       71.8       May 6, C,W       D         374       72 <u>d</u> /       T,G, I       Irrigated 195 acres wheat and cotton         375       0       58.4       May 7, C,W       D	eported est of
(it.) a/ (it.)       -       -         364       0.4       73.9 May 12, None 1936       None N       Drilled for irrigation and later ab 1936         365       0.5       69.4       do.       C,W       D         366       1.3       70.4 Sept.15, T,G, I       Irrigated 50 acres feed in 1937. R yield, 800 gallons a minute. 248 f         1937        yield, 800 gallons a minute. 248 f         12-inch steel casing at top, perfor         367        -         70.4       May 4, T,O, N       Reported yield, 1,200       How wat gallons a minute. 295 feet of 14-i         368       0.       74.       May 4, T,O, N       Reported loasing, perforated belo         369       1.5       74.1       do.       T,O, I       Irrigated 150 acres feed, wheat and in 1937. Drawdown, 21 feet, pumpin         370       1.0       72.6       do.       T,O, N       Reported good well but gallons a min         371       0.4       67.3 May 7, T,O, I       Irrigated 150 acres feed, cotton and e0       1937. Reported yield, 1,100 gallons a min         372       1.5       63.6       do.       T,C, I       Irrigated 195 acres wheat and cottoe Reported yield, 700 gallons         373       0       71.8 May 6, C,W       D       1937. Reported yield, 95	eported est of
364         0.4         73.9         May 12, 1936         None 1936         N         Drilled for irrigation and later ab 1936           365         0.5         69.4         do.         C,W         D           366         1.3         70.4         Sept.15, 1937         T,G, 1937         I         Irrigated 50 acres feed in 1937. R yield, 800 gallons a minute. 248 f 12-inch steel casing at top, perfor           367           T,G, 200 well, 800 gallons a minute. 248 f         12-inch steel casing at top, perfor           368         0.         74.         May 4, 1936         T,O, 1936         N         Reported vield, 1,200         10w wat gallons a minute. 255 feet of 14-i good well, but not used.           369         1.5         74.1         do.         T,O, 1936         I         Irrigated 150 acres feet, wheat and in 1937. Drawdown, 21 feet, pumpin           370         1.0         72.6         do.         T,O, 1936         I         Irrigated 100 acres feed and cotton Reported yield, 1,100 gallons a minut 1937. Reported yield, 700 gallons a minut 1936           371         0.4         67.3         May 7, 1936         T,C,         I         Irrigated 195 acres feed, cotton and 1937. Reported yield, 700 gallons a minut weakened in summer. Set 16-inch pe 1936           374         72 <u>d</u> /         T,G,         I	eported est of
1936         1936           365         0.5         69.4         do.         C,W         D           366         1.3         70.4         Sept.15, T,G, I         Irrigatod 50 acres feed in 1937. R           1937          yield, 800 gallons a minute. 248 f           1937          T,G, I         Reported yield, 1,200         How wat           367           T,G, I         Reported yield, 1,200         How wat           368         0.         74.         May 4, T,O, N         Reported leasing, perforated belo         1936           369         1.5         74.1         do.         T,O, I         Irrigated 150 acres food, wheat and           370         1.0         72.6         do.         T,O, N         Reported good well but lgallons a min           371         0.4         67.3         May 7, T,O, I         Irrigated 10 acres food and cotton           1936         60         Irrigated 95 acres feed, cotton and         60           372         1.5         63.6         do.         T,C, I         Irrigated 195 acres wheat and cotton           373         0         71.8         May 6, C,W         D         1936         1937.           374	eported est of
365       0.5       69.4       do.       C,W       D         366       1.3       70.4       Sept.15, T,G, I       Irrigated 50 acres feed in 1937. R         1937        yield, 800 gallons a minute. 248 f         367        T,G, I       Reported yield, 1,200       Low wat         368       0.       74.       May 4, T,O, N       Reported [casing, perforated belo         369       1.5       74.1       do.       T,O, I       Irrigated 150 acres feed, wheat and 60         370       1.0       72.6       do.       T,O, N       Reported good well but [gallons a min         371       0.4       67.3       May 7, T,O, I       Irrigated 110 acres feed and cotton 1936       60         371       0.4       67.3       May 7, T,O, I       Irrigated 95 acres feed, cotton and 60       1937. Reported yield, 1,100 gallons a min         372       1.5       63.6       do.       T,C, I       Irrigated 195 acres wheat and cotton 1936         373       0       71.8       May 6, C,W       D       1936         374       72 <u>d</u> /       T,G, I       Irrigated 195 acres wheat and cotton Reported yield, 950 gallons a minut weakened in summer. Set 16-inch pe         375       0       58.4       <	et of
366       1.3       70.4       Sept.15, T,G, I       Irrigatod 50 acres feed in 1937. R         1937        yield, 300 gallons a minute. 248 f         367         T,G, I         368       0.       74.       May 4, T,O, N       Reported yield, 1,200       How wat gallons a minute. 295 feet of 14-i         368       0.       74.       May 4, T,O, N       Reported leasing, perforated belo         369       1.5       74.1       do.       T,O, I       Irrigated 150 acres feed, wheat and 60         370       1.0       72.6       do.       T,O, N       Reported good well, but igallons a minute gallons a not used. See log.         371       0.4       67.3       May 7, T,O, I       Irrigated 10 acres feed and cotton 1936         372       1.5       63.6       do.       T,C, I       Irrigated 95 acres feed, cotton and 1937. Reported yield, 1,100 gallons a minut 60         373       0       71.8       May 6, C,W       D       1936         374       72       d/       T,G, I       Irrigated 195 acres wheat and cottoo Reported yield, 950 gallons a minut weakened in summer. Sot 16-inch pe         374       72       d/       T,G, I       Irrigated 195 acres wheat and cottoo Reported yield, 950 gallons a minut weakened in summer. Sot 16-inch pe	et of
1937yield, 800 gallons a minute. 248 f367T,G,I3680.74.May 4,T,O,N3691.574.1do.T,O,I3701.072.6do.T,O,I3710.467.3May 7,T,O,I3721.563.6do.T,C,I373071.8May 6,C,WD37472 <u>d</u> /T,G,I375058.4May 7,C,WD375058.4May 7,C,WD37505	et of
367         T,G,       I       Reported yield, 1,200       low wat gallons a minute.         368       0.       74.       May 4,       T,O,       N       Reported yield, 1,200       low wat gallons a minute.         368       0.       74.       May 4,       T,O,       N       Reported leasing, perforated belo         369       1.5       74.1       do.       T,O,       I       Irrigated 150 acres feed, wheat and 60         370       1.0       72.6       do.       T,O,       N       Reported good well but lgallons a not used.         371       0.4       67.3       May 7,       T,O,       I       Irrigated 110 acres feed and cotton 1936         372       1.5       63.6       do.       T,C,       I       Irrigated 95 acres feed, cotton and 60         373       0       71.8       May 6,       C,W       D       1936         374       72 <u>d</u> /       T,G,       I       Irrigated 195 acres wheat and cotton and 60         1936       1936       1936       1937.       Reported yield, 700 gallons a minut weakened in summer.         374       72 <u>d</u> /       T,G,       I       Irrigated 195 acres wheat and cotton 85         375	
367         T,G,       I       Reported yield, 1,200       low wat gallons a minute. 295 feet of 14-i         368       0.       74.       May 4,       T,O,       N       Reported casing, perforated belo good well, but not used.         369       1.5       74.1       do.       T,O,       I       Irrigated 150 acres feed, wheat and in 1937. Drawdown, 21 feet, pumpin         370       1.0       72.6       do.       T,O,       I       Irrigated 100 acres feed and cotton not used. See log.         371       0.4       67.3       May 7,       T,O,       I       Irrigated 100 acres feed and cotton not used. See log.         372       1.5       63.6       do.       T,C,       I       Irrigated 95 acres feed, cotton and 1937. Reported yield, 1,100 gallons a minute 60         373       0       71.8       May 6,       C,W       D         374       72 <u>d</u> /       T,G,       I       Irrigated 195 acres wheat and cotton 85         375       0       58.4       May 7,       C,W       D       steel casing from 50 to 1         1936       1936       1936       1936       1936       100       steel casing from 50 to 1	
368       0.       74.       May 4, 1936       T,0, 60       N       Reported [casing, perforated belo good well, but not used.         369       1.5       74.1       do.       T,0, 60       I       Irrigated 150 acres feed, wheat and in 1937.         370       1.0       72.6       do.       T,0, -       N       Reported good well but [gallons a not used.       See log.         371       0.4       67.3       May 7, 1936       T,0, 60       I       Irrigated 110 acres feed and cotton Reported yield, 1,100 gallons a min 1936         372       1.5       63.6       do.       T,C, 1936       I       Irrigated 95 acres feed, cotton and 1937.         373       0       71.8       May 6, 1936       C,W       D       I         374       72 <u>d</u> / 1936       T,G, 1936       I       Irrigated 195 acres wheat and cotto Reported yield, 950 gallons a minut weakened in summer.         375       0       58.4       May 7, 1936       C,W       D       Istoel casing from 50 to 1	er lovel.
193660good well, but not used.3691.574.1do.T,O,IIrrigated 150 acres feed, wheat and in 1937. Drawdown, 21 feet, pumpin3701.072.6do.T,O,NReported good well but  gallons a not used. See log.3710.467.3May 7, 1936T,O,IIrrigated 110 acres feed and cotton Reported yield, 1,100 gallons a min 1937. Reported yield, 1,100 gallons a min 1937. Reported yield, 700 gallons3721.563.6do.T,C,IIrrigated 95 acres feed, cotton and 1937. Reported yield, 700 gallons373071.8May 6, 1936C,WD374-72d/T,G,IIrrigated 195 acres wheat and cotto Reported yield, 950 gallons a minut weakened in summer. Set 16-inch pe375058.4May 7, 1936C,WD375058.4May 7, 1936C,WD	
369       1.5       74.1       do.       T,O,       I       Irrigated 150 acres feed, wheat and in 1937. Drawdown, 21 feet, pumpin         370       1.0       72.6       do.       T,O,       N       Reported good well but gallons a not used. See log.         371       0.4       67.3       May 7, T,O,       I       Irrigated 110 acres feed and cotton Reported yield, 1,100 gallons a min         372       1.5       63.6       do.       T,C,       I       Irrigated 95 acres feed, cotton and 1937. Reported yield, 700 gallons         373       0       71.8       May 6, C,W       D       1936         374       72       d/       T,G,       I       Irrigated 195 acres wheat and cotton Reported yield, 950 gallons a minut weakened in summer. Set 16-inch pe         375       0       58.4       May 7, C,W       D       stoel casing from 50 to 1	v water.
60in 1937. Drawdown, 21 feet, pumpin3701.072.6do.T,0,NReported good well but gallons a not used. See log.3710.467.3 May 7, 1936T,0,IIrrigated 110 acres feed and cotton Reported yield, 1,100 gallons a min 1937. Reported yield, 1,100 gallons a min 1937. Reported yield, 700 gallons3721.563.6do.T,C,IIrrigated 95 acres feed, cotton and 1937. Reported yield, 700 gallons373071.8May 6, 1936C,WD37472d/T,G,IIrrigated 195 acres wheat and cotto Reported yield, 950 gallons a minut weakened in summer. Set 16-inch pe375058.4May 7, 1936C,WD	
3701.072.6do.T,0,NReported good well but gallons a not used. See log.3710.467.3May 7,T,0,IIrrighted 110 acres feed and cotton Reported yield, 1,100 gallons a min3721.563.6do.T,C,IIrrighted 95 acres feed, cotton and 1937. Reported yield, 700 gallons373071.8May 6,C,WD193619361Irrighted 195 acres wheat and cotton 193637472d/T,G,IIrrighted 195 acres wheat and cotton Reported yield, 950 gallons a minut weakened in summer. Set 16-inch pe375058.4May 7,C,WDIstoel casing from 50 to 1	
371       0.4       67.3 May 7, T,0, I       Irrighted 110 acres feed and cotton Reported yield, 1,100 gallons a min         372       1.5       63.6       do.       T,C, I       Irrighted 95 acres feed, cotton and 1937. Reported yield, 700 gallons         373       0       71.8       May 6, C,W       D         374       72       d/       T,G, I       Irrighted 195 acres wheat and cotton Reported yield, 950 gallons a minut weakened in summer. Set 16-inch pe         375       0       58.4       May 7, C,W       D         1936       1936       Istoel casing from 50 to 1	
3710.467.3May 7, 1936T, 0, 60IIrrigated 110 acres feed and cotton Reported yield, 1,100 gallons a min 1936 acres feed, cotton and 1937. Reported yield, 700 gallons3721.563.6do.T, C, 60IIrrigated 95 acres feed, cotton and 1937. Reported yield, 700 gallons373071.8May 6, 1936C, W 85D37472d/T, G, 85IIrrigated 195 acres wheat and cotto Reported yield, 950 gallons a minut weakened in summer. Set 16-inch pe375058.4May 7, 1936C, W DD	<u>minute.</u>
193660Reported yield, 1,100 gallons a min3721.563.6do.T,C,I373071.8May 6, 1936C,WD37472d/T,G,IIrrigated 195 acres wheat and cotto Reported yield, 950 gallons a minut weakened in summer. Set 16-inch pe375058.4May 7, 1936C,WD1936193619361936	
372       1.5       63.6       do.       T, C, I       Irrigated 95 acres feed, cotton and 1937. Reported yield, 700 gallons         373       0       71.8       May 6, I 1936       D         374       72       d/       T,G, I       Irrigated 195 acres wheat and cotto Reported yield, 950 gallons a minut weakened in summer. Set 16-inch pe         375       0       58.4       May 7, I 1936       D	
60       1937. Reported yield, 700 gallons         373       0       71.8 May 6, C,W D         1936       1936         374       72 <u>d</u> /         85       Reported 195 acres wheat and cotto         Reported yield, 950 gallons a minut         weakened in summer. Set 16-inch pe         375       0         58.4       May 7, C,W D         1936	
373       0       71.8       May 6, 1936       C,W       D         374       72       d/       T,G,       I       Irrigated 195 acres wheat and cotto Reported yield, 950 gallons a minut weakened in summer. Set 16-inch pe         375       0       58.4       May 7, 1936       C,W       D	
1936         374       72 <u>d</u> /       T,G,       I Irrigated 195 acres wheat and cotto         85       Reported yield, 950 gallons a minut weakened in summer. Set 16-inch pe         375       0       58.4 May 7, C,W       D         1936       1936	1 minuto.
37472 <u>d</u> /T,G,IIrrigated 195 acres wheat and cotto Reported yield, 950 gallons a minut weakened in summer. Set 16-inch pe375058.4May 7, 1936C,WDstoel casing from 50 to 1	
85Reported yield, 950 gallons a minut weakened in summer. Set 16-inch pe375058.4 May 7, 1936C,WDstoel casing from 50 to 1	1 in 1937.
Weakened in summer.Set 16-inch pe375058.4 May 7, C,WD193619361936	
375         0         58.4         May 7,         C,W         D         stoel casing from 50 to 1           1936	
	)O feet.
- and the industry of its is its the internal of dotad the tradie to the tradies	ad 26
1937 85 feet drawdown pumping 900 gallons a	
for 4 hours. Pump set at 130 fect.	
377 O 74. May 6, C,W D 1936	
378 Drilling for irrigation well in Sep	tember,
1937.	-
379 - 61 d/ T,G, I Irrigated 80 acros feed and wheat i	1 1937.
85 Reported yield, 700 gallons a minut	e. 14-
inch perfornted steel casing from 5	<u>) t</u> o 134
380 0.3 54.5 May 6, C,W S	feet.
1936	
381 1.6 64.8 do. None N Drilled for irrigation. Reported y	ield,
350 gallons a minute.           382         0         66         do.         C,W         D	
383 1.5 72.2 Apr. 18, T, 0, I Irrigated 50 acres feed and cotton	
1934 60	n 1937.
384 1.5 61.6 do. None N	n 1937.
	in 1937.
385 0.3 68.4 May 4, T,- N Reported good well but not used. 1936	in 1937.
386         3.5         70.8         Sept.21, T,0,         I         Irrigated 153 across feed, wheat and 1937            in 1937.         Reported yield, 1,000 gall	in 1937.
	cotton
101 000 10000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 100	cotton

				-27-	
Records	of	wells	in	Swisher	County-Continued

		Recor	ds of t	wells in Swishe	r County-Cont	tinued			
No.	Distance from Tulia	e Section or Survey	Block	Owner	Driller	Topo- graphic situ- ation	Dato com- plo- ted	of	Diam- eter of well (in.)
402	9 miles west	20, NW cor. NW4	M6	Lakeview School		Slope		100	6
403	8 miles west	20; NE cor. SE <sup>1</sup> / <sub>2</sub>	M6			Above draw	Old	100	6
404		5, SW <b>1</b> SW1	M-11	Louis Redmon	W. C. Cowan	Ridge top	1937	242	18-
405	3 <sup>1</sup> / <sub>2</sub> miles southwest	l, SWŽNEŽ	M-11	A. A. Vaughn	R. J. Stallings	do.	1937	190	26
406	8 <sup>1</sup> / <sub>2</sub> miles southwest	6, SE cor. SE <sup>1</sup>	K2	McGuire School	الى يەرىپ مەرىپىرىكى بىلەر يېرىكى يېرىكى يېرىكى يېرىكى	Gentlc slope		100	6
407	7늘 miles southwest	14, NW 1/2 SW 1/4	K2	L. W. Abbot	Bill Muney		1937	229	18
408	7 miles southwest	15, SW <u>1</u> SE <u>1</u>	K2	J. A. Ellis	Green Mch. Co.	Gentle slope	1937	202	18
409	8 miles southwest	4, NW <u>1</u> NE <u>1</u>	K	Ross Wingo	- Bartlett		1936	190	18
410	9 <sup>1</sup> / <sub>2</sub> miles south	9, NW15W1	K	E. E. Cox	Green Mch. Co.	Ridgo top	1936	167	18
411	10 miles south	13, SW췵NE羞	K	Cecil Rousser	do.	do.	1937	200	18
412	10 miles southwest	10, SE4SW4	K	L. M. Frogge	do.	do.	1936	200	18
413	do.	ll, SW≟NE≟	K	C. B. Jones	— Tye	do.	1936	190	18
414	10 <u>1</u> miles southwest	13, NW 높NW 높	K	M. C. Vinyard	Green Mch. Co.	G∋ntle slopo	1937	200	18
415	12 miles southwest	21, SW <u>‡</u> NW <u>‡</u>	K	T. B. Carter	F. Lard	Ridgə top	1937	309	18
416	$12\frac{1}{2}$ miles southwest	22, SW <del>1</del> NW <del>1</del>	K	H. R. Budke		Gentle slopa	1934	200 (?)	18

-28-Records obtained by C. R. Follett

ميدميني				cords (	obtain	ed by C. R. Follett
	Height of		r Level	_		
No.	measuring		Date of	Pump	Use	Remarks
	point		measure-		of	
	above	measu		power		
	ground	ing p		<u>b</u> /	<u> </u>	
	(ft.) <u>a</u> /	(ft.)	ļ			
402				C,W	P	
403	3.7	81.3	Sept,14, 1937	C,H	N	
404	1.8	105.1	Oct. 27, 1937	T,G, 85	I	Irrigated 115 acres feed and alfalfa in 1937. Reported yield, 850 gallons a minute. Pump set at 130 feet. 130 feet of 14-inch stoel casing at top, perforated below water level.
405	<del>,</del>	68	<u>d</u> /	T,G, 45	I	Irrigated 163 "Red Beds" at 242 feet. acres feed, wheat and cotton in 1937. Re- ported yield, 850 gallons a minute. Pump set at 110 feet. 110 feet of 20-inch steel casing at top, perforated below water level.
406	ini			C,W	Р	Sand and gravel from 165 to 190 feet.
407	-01-	91	<u>d</u> /	T,G,	I	Irrigated 280 acres feed, wheat and cotton in 1937. Reported 39 feet drawdown pumping 900 gallons a minute. Pump set at 126 feet. 229 feet of 14-inch steel casing perforated
408	1.0	87.9	Sept.24, 1937	Т, 3, 85	I	Irrigated 75 acres feed below water level. in 1937. Estimated yield, 750 gallons a minute. 202 foet of 16-,14-,and 12-inch steel casing, perforated below water level.
409	<u> </u>	70	<u>d</u> /	T,G, 85	I	Irrigated 290 acres feed and wheat in 1937. Reported yield, 800 gallons a minute. 190 feet of 16-inch steel casing, perforated
410	1.0	93.7	Sept.23, 1937	T,G, 85	I	Irrigated 525 acres below water level. feed and wheat in 1937. Reported 24 feet drawdown pumping 800 gallons c minute for
411	1.0	89.9	do.	T,G, 85	I	Irrigated 3 weeks. Pump set at 114 feet. 190 acres feed and wheet in 1937. Reported yield, 900 gallons a minute. Pume set at 112 feet. 150 feet of 16-and 12-inch per-
412	1.0	98.5	Sept.24, 1937	T,G, 85	I	Irrigated forsted steel casing at bottom. 365 acres feed, grain and cotton in 1937. Reported 20 feet drawdown pumping 800 gallons a minute for 20 minutes. Pump set at 120 feet. 18-,16-, and 14-inch perforated steel
413	<u>à</u>	88	<u>a</u> /	T,G, 85	I	<b>IFrigated</b> 280 acres wheat, cotton and corn in 1937. Reported 28 feet drawdown pumping 800 gallons a minute. Pump set at 120 feet. 190 feet of 16-and 12-inch steel casing, perforated
414	1.0		Sept.23, 1937	Т,G, 85	I	Estimated yield, 775 below 91 feet. gallons a minute. Pump set at 120 feet. 194 feet of 15-inch steel cosing, perforated
415	र् <b>स्त</b> ीक	96	<u>a/</u>	T,G, 85	I	Irrigated 300 acres below water level. feed, wheat and bacns in 1937. Reported 35.5 feet drawdown pumping 900 gallons a minute for 10 hours. Pump sct at 140 feet.
416				T,G, 	I	Irrigated 170 acres feed and barley in 1937. Reported yield, 900 gallons a minute.

No.         Distance         Saction from Tulia         Block or Survey         Owner         Driller Statu- situ- situ- ted         Topo- of ted         Detric other of ted         Detric other of ted         Dist- of ted         Detric of ted         Dist- of ted           417         133 miles southwest         87, swiffset         M-11         Rousser Bros.         Green Mch. Co.         Ridge         1936         210         18           418         15 miles southwest         93, southwest         M-11         O. Milmer		Records of wells in Swisher County-Continued										
southwast         SW2SB1         Co.         top           418         15 miles         93, southwest         M-11         O. Milner          Gentle         1937         210         26           418         13 miles         69, southwest         M-11         N. D. Goldsmith         Green Moh. Co.         Ridgs         1937         200         18           420         175 miles         13, southwest         M. Stalcup         G. Gorman         Galis         1937         228         18           420         175 miles         13, southwest         NW cor. NW2         K-3         N. N. Stalcup         G. Gorman         Galis         1937         228         18           421         191 miles         3, southwest         NW cor. NW2         K-3         N. V. perryman         Sawyer         do.         1937         240         20           422         16 miles         30, southwest         NW2/SW2         K         G. E. Curry         Bartlett         Ridge         1937         204         16           423         17 miles         35, southwest         K         R. Q.         Baker Pump         do.         1937         202         18           424         16 mil	No.	from	e Section or				Topo- graphic situ-	com- plo-	of well	eter of well		
acuthwest       NW cor.       NW $\pm$ Number of the second secon	417	~		M-11	Rousser Bros.			1936	210	18		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	418				0. Milner			1937	210	26		
southwest       NW cor. $NW_{2}^{1}$ slope       slope         421 $19\frac{1}{2}$ miles southwest       9, $NW_{2}^{1}NW_{3}^{1}$ K-3       A. V. perryman       Sawyer       do.       1937       240       20         422       16 miles southwest       30, NW_{2}^{1}NW_{3}^{1}       K       G. E. Curry       Bartlett       Ridge top       1937       204       18         423       17 miles southwest       35, SW_{2}^{1}W_{2}^{1}       K       R. Q. Silverthorn       Baker Pump Co.       do.       1937       260       18         424       16 miles       35, southwest       K       R. Q. Silverthorn       Baker Pump Co.       do.       1937       202       18         424       16 miles       35, southwest       K       A. McDaniel       Green Mch. Co.       do.       1937       202       18         425       17 miles       39, southwest       K       E. E. Degge       J. C. Cook       do.       1936       293       18         426       do.       46, NW_{2}^{1}W_{2}^{1}       K        Flat       01d       104       6         427       14 miles       31, NW_{2}^{2}W_{2}^{1}       K	419	13 <sup>1</sup> / <sub>2</sub> miles	69,	M11			Ridge	1937	200	18		
southwest       NW1W1	420			-	W. M. Stalcup	G. Gorman	1	1937	228	18		
southwest       NE2SW1       top         423       17 miles       35,       K       R. Q.       Baker Pump       do.       1937       260       18         424       16 miles       SUMW1       Silverthorn       Co.       do.       1937       202       18         424       16 miles       35,       K       A. McDaniel       Green Mch.       do.       1937       202       18         425       17 miles       39,       K       E. E. Degge       J. C. Cook       do.       1936       293       18         426       do.       46,       K       J. P. Qualls       do.       Gentle       1935       275       18         427       14 miles       31,       K       -       -       Flat       01d       104       6         southwest       SW2SW2       K       -       -       -       -       6         428       13 miles       J. K       -       -       -       -       6         429       13 miles       J. A. Ward       -       Co. Reed       Green Mch.       Gontle       1937       198       18         429       Ja miles       J. A. Ward<	421			K3	A. V. perryman	— Sawyer	do.	1937	240	20		
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	422	1		K	G. E. Curry	- Bartlett	1 -	1937	204	18		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	423	1		K	1		do.	1937	260	18		
southwest       SE $\frac{1}{2}$ W $\frac{2}{4}$ K       J. P. Qualls       do.       Gentle slope       1935       275       18         426       do.       46, K       J. P. Qualls       do.       Gentle slope       1935       275       18         427       14 miles       31, K       -       -       Flat       Old       104       6         427       14 miles       31, K       -       -       -       Flat       Old       104       6         428       13 miles       23, K       -       -       -       -       6         southwest       NE $\frac{1}{2}$ SW $\frac{1}{2}$ -       -       -       -       -       6         428       13 miles       23, K       -       -       -       -       -       6         southwest       NE $\frac{1}{2}$ SW $\frac{1}{2}$ -       -       -       -       -       6         429       13 miles       J. A. Ward       -       Co. Reed       Groen Mch. Gentle       1937       198       18         south       NW cor.       -       do.       -       do.       01d       90       6         430       do.       <	424	1	1 .	ĸ	A. McDaniel		do.	1937	202	18		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	425	1		K	E. E. Degge	J. C. Cook	do.	1936	293	18		
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	426	đo∙∙		ĸ	J. P. Qualls	do•-		1935	275	18		
428       13 miles       23, K       K       -       -       -       -       -       6         southwest       NE $\frac{1}{4}$ SW $\frac{1}{2}$ K       -       C. Reed       Green Mch.       Gentle       1937       198       18         429       13 miles       J. A. Ward       -       C. Reed       Green Mch.       Gentle       1937       198       18         south       NW cor.       Co.       slope       Co.       slope       1937       198       18         430       do.       18,       C-4       do.       -       do.       Old       90       6         430       do.       18,       C-4       do.       -       do.       01d       90       6         431       9 $\frac{1}{2}$ miles       East of SW       M-13       V. R. Hill       Green Mch.       do.       1937       208       18         south       cor.       sec.36,       Co.       Co.       1937       208       18	427	1		K	<u>`</u>		Flat	Old	104	6		
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	428	1	23,	K		an				6		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	429	13 miles	J. A. Ward		C. Reed		1	1937	198	18		
431 9 <sup>1</sup> / <sub>2</sub> miles East of SW M-13 V. R. Hill Green Mch. do. 1937 208 18 south cor. sec.36, Co.	430	do.	18,	C:-4	do.			Old	90	6		
of Manusing noist was used by the of against the of word wing show the of seven the		south	East of SW	1	V. R. Hill		do.	1937	208	18		

a/ Measuring point was usually top of casing, top of wood pipe clamp, top of concrete pump foundation, or top of sir-line hole in pump base.

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

		30-			
Records	obtainol	by	C.	R.	Follett

			فالمتحافظ المحافظ فتجرب والمتحد والمحافظ		, , , , , , , , , , , , , , , , , , ,	TOTION OF THE TOTION
	Height of	and the second s		_		<b>T</b> ) <b>1</b>
No.	measuring			Pump	Use	Romarks
	point	1	measure-		of	
	above	measu		power	water	
	ground	ing po		<u>b</u> /	<u> </u>	
	(ft.) <u>a</u> /	(ft.)		·		
417		95	<u>d</u> /	Ť,G,	I	Irrigated 173 acres in 1937. Reported yield,
				50		1,200 gallons a minuto. 144 feet of 16-and
					ļ	14-inch steel casing at top, porforated be-
418	1.0	75.7	Oct. 6,	Τ, G,	I	Irrigated 180 acres feed low water lovel.
			1937	40	<b></b>	and wheat in 1937. Reported yield, 1,000
419	1.5	110.5	Oct. 27,	1	I	Irrigated 240 acros feed gallons a minute.
			1937	100	1	in 1937. Reported yield, 1,200 gallous a
					1	minute. Pump set at 140 feet. 200 feet of
						16-and 14-inch steel casing, perforated be-
420	2.0	69.5	Oct. 6,	T,G,	I	Reported yield, 1,000 low water level.
			1937	32		gallons a minute. Pump set at 80 feet. 200
	l					feet of 16-inch steel casing at top, porfor-
421	÷	60	<u>d</u> /	T,G,	I	Irrigated 80 acres atod below water level.
			1 -	50		in 1937. Reported yield, 1,200 gallons a
					]	minute. Pump set at 100 feet. 230 feet of
						20-inch steel casing at top, perforated be-
422	2.0	70.3	Oct. 6,	T, G,	I	Irrigated 245 acres feed, low water level.
			1937	85		wheat and cotton in 1937. Reported yield,
						1,000 gallons a minute. Pump set at 90 feet.
					ł	204 foot of 16-and 14-inch steel casing, por-
423	1.2	65.8	Oct. 7,	T,G,	I	Irrigated 230 [forated bolow water level.
100	1.0	00.0	1937	85		acros foed and wheat in 1937. Reported
424	2.0	71.7		T,G,	I	Irrigated lyield, 1,000 gallons a minute.
TNT	2.00	/ 1 • /	u0.	85	-	80 acres in 1937. Reported yield, 900
			[	00		gallons a minute. Pump set at 108 feet.
				<b>j</b>	1	202 feet of 16-and 14-inch steel casing, per-
425	1.2	70.2	do.	T,G,	I	Irrigated 186 forated below water level.
ປະລຸປ	1.0~	10.2	u0.	35	-	acres in 1937. Reported yield, 900 gallons
				00		a minute. Pump set at 90 feet. 15-and 12-
						÷
426	0.7	62.5	30	m c	+	inch perforated steel casing from 45 to 210
±¢0	0.7	06.0	do.	T,G,	I	Irrigated 243 acres feed and wheat foet.
						in 1937. Reported yield, 900 gallons a
					1	minute. Pump set at 80 feet. 100 feet of
460			T			16-inch steel casing at top, perforated be-
427	3.0	85.8	July 17,	C,W	S	low water lovel.
100			1937			
428	0.3	88	May 12,	Nona	N	
			1937		ļ	
429	3.5	96.7	Sept.23,	1	I	Estimated yield, 700 gallons a minute.
-		L	1937	85	ļ	
430	0.4	87.5	July 28,	C,W	S	
		L	1937			
431		i		Τ, G,	I	Irrigated 220 acres feed and wheat in 1937.
	ļ	L	1		i	Reported yield, 800 gallons a minute.
c/ :	I, irrigat:	ion; P,	public;	D, doi	nestic	; S, stock; N, not used.

c/ I, irrigation; P, public; D, domestic; S, stock; N, not used. d/ Water level reported.

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Table of Drillers' Logs, Swisher County, Texas

(Logs of wells 36, 108, 132, 302, 315, 345, and 370 are based on material taken from: Baker, C. L., Geology and underground waters of the Northern Llano Estacado: Univ. of Tex. Bull. 57, 1915.)

	Depth (foet)			Depth (feet)
Driller's log of well 19	± 1-	Driller's log of well 124		
D. E. Armontrout farm. $9\frac{1}{2}$ miles nor	tn-	White lime rock	4	40
west of Tulia.	00	Water sand	10	50
Formation unknown) 92	92	White chalky rock	10	60
Water sand 13	105	Brown sand and gravel	30	90
Sandy clay and gravel 67	172	Hard white flint	7	97
White sand and some gravel - 14	186	Brown sand and gravel	5	102
Sandy clay 14	200	Brown clay	26	128
River sand, gravel and shells- 15	215	Sandy clay	46	174
Red mud and gravel 9	224	Red gumbo clay	6	180
Red beds	224	Red sand and gravel	4	184
TOTAL DEPTH	224	Red bods	4	188
First water at 83 feet.	-47	TOTAL DEPTH		! 188
CASING RECORD: 224 feet of 14-inch		CASING RECORD: 120 feet of		
casing, perforated below water.level	•	ing at top, perforeted belo	w wate	r Lovel
Driller's log of well 36		Driller's log of we		
Foster Klaus farm. $4\frac{1}{2}$ miles northwe	st	A. & H. Price farm. 13 mil	os eas	t of
of Tulia.		Tulia.		
(Formation unknown) 59	59	Top soil	5	5
Sand rock and shale 41.	100	Red clay	25	30
Fine-grained hard sand 35	135	Hard send rock	2	32
Hard rock 3	138	Hard white rock	15	47
Packed sand 7	145	Soft white rock	3	50
Soft coarso-grained sand 40	185	Hard packed sand	4	54
Shale 4	189	Hard flint rock	6	60
Hard sand 15	204	Coarse-grained gray water		
Shale and sand rock 22	226	send	4	64
TOTAL DEPTH	226	Hard rod sand rock	11	75
		Coerse-grained gray water		
Driller's log of well 108		sand	6	81
D. D. Augspurger farm. 162 miles no	orth-	Loose red water sand	5	86
east of Tulia.		Hard gray send	3	89
Soil and clay 71	71	Soft white clay	1	90
Hard rock 6	77	Packed gray water sand	5	95
Hard sand 13	90	Loose red water sand	4	99
Soft rock 8	98	Hard gray sand rock	23	122
Sand 12	110	Loose red water sand	35	157
Gypsum rock 5	115	Hard gray sand rock	6	163
Hard rock 12	127	Red clay	7	170
Sand rock 23	150	Hard packed gray water		
Soft rock 11	161	sand	14	184
Yellow clay 8	169	Blue gumbo	2	186
Coarse-grained sand 35	204	Coarse-grained gray water		
Red clay 6	210	sand	12	192
TOTAL DEPTH	210	Red clay	2	200
		Coarse-grained gray water		
Driller's log of well 124		sand	6	206
W. C. Watson farm. 101 miles east of	of	Hard sand rock	1	207
Tulia.		Coerso-grained gray water		
(Formation unknown) 30	30	sand	4	211
COINCION CONTRACTOR OF				

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# -32-Table of Drillers' Logs, Swisher County---Continued

Thickness I	Dopth (feet)	Thickness (feot)	Dopth (feet)
Driller's log of well 132-Continu	ued	Driller's log of well 315-Cont	
lue gumbo o	214	Soil 4	4
oarse-grained gray water		Red clay 17	21
sand 5	219	Gray sand 35	56
lard red send rock 10	229	Water sand 4	60
Red clay 31	260	Coarso-grained sand 20	80
TOTAL DEPTH	260	Gray water sand 20	100
		Hard packed sand 105	205
Driller's log of well 220 Gunter farm. 10 miles southeast of	of	TOTAL DEPTH	205
Culia.		Driller's log of well 333	8
Surface soil 3	3	R. B. Skipworth farm. 9 miles so	
Caliche 9	12	Tulia.	
lay 21	33	Top soil 58	1 58
Jaliche rock 9	42	Dry sand6	64
Hard lime rock 8	50	Sand and boulders 10	74
Vater-boaring sandstone - 8	58	Soft sand 26	100
Clay 7	65	Sand rock 12	112
Vater sand 5	70	<b>Soft</b> sand 9	121
Clay 15	85	Packed sand 62	183
Nater sand and gravel 5	90	Sand and gravel 7	190
Clay 22	112	Hard rock 4	194
Sandstone 8	120	Rod clay 1	195
Red beds 114	234	TOTAL DEPTH	195
TOTAL DEPTH	234	CASING RECORD: 46 feet of 22-inch	casir
		46 feet of 20-inch, perforated; 9	
Driller's log of well 227	1	of 12-inch, perforated; bottom 11	
N. G. Poe farm. 14 miles southeast	of	uncased.	
Tulia.			
Top soil 50	50	Driller's log of well 334	
Sand and boulders 22	72	H. Sands farm, 101 miles south o	ิ 11 บา 1 เ
Yellow clay 43	115	Top soil $ 3$	1 3
Sand 21	136	Caliche (clay and rock) - 10	13
Yellow and white clay 59	195	Yollow clay 20	32
Sand and gravel 9	204	Rod clay 10	43
TOTAL DEPTH	204	Rod send and clay 20	1
CASING RECORD: 75 feet of 18-inch, 1	12-gage		1 00
		Bed sand, water 20	1
nine. 129 feet of 12-inch shutter-ty	709	Red sand, water $  -$ 20 White sand, water $ -$ 20	83
pipe; 129 feet of 12-inch shutter-ty	мЪе	White sand, water 20	83 103
pipe; 129 feet of 12-inch shutter-ty screen.	уре	White sand, water 20 Red sand and caliche rock- 20	83 103 123
pipe; 129 feet of 12-inch shutter-ty screen.		White sand, water 20 Red sand and caliche rock- 20 Pink sand 20	83 103 123 143
pipe; 129 feet of 12-inch shutter-ty screen. Driller's log of well 302	 709	White sand, water 20 Red sand and caliche rock- 20 Pink sand 20 Packed sand and clay 40	83 103 123 143
pipe; 129 feet of 12-inch shutter-ty screen. <u>Driller's log of well 302</u> J. D. Vaughn farm. 14 miles southwe	 709	White sand, water 20 Red sand and caliche rock- 20 Pink send 20 Packed sand and clay 40 Layerod rod clay and spongy	83 103 123 143 183
pipe; 129 feet of 12-inch shutter-ty screen. Driller's log of well 302 J. D. Vaughn farm. 14 miles southwe Tulia.	 709	White sand, water 20 Red sand and caliche rock- 20 Pink send 20 Packed sand and clay 40 Layered red clay and spongy .sand 40	83 103 123 143 183 223
pipe; 129 feet of 12-inch shutter-ty screen. <u>Driller's log of well 302</u> J. D. Vaughn farm. 14 miles southwe Tulia. Formation unknown) 54	ype est of	White sand, water 20 Red sand and caliche rock- 20 Pink sand 20 Packed sand and clay 40 Layerod red clay and spongy .sand 40 Gray sand 16	83 103 123 143 183 223
pipe; 129 feet of 12-inch shutter-ty screen. Driller's log of well 302 J. D. Vaughn farm. 14 miles southwe Tulia. Formation unknown) 54 Hard rock 8	ype  est of   54	White sand, water 20 Red sand and caliche rock- 20 Pink sand 20 Packed sand and clay 40 Layerod red clay and spongy .sand 40 Gray sand 16 Spongy sand with spots of	83 103 123 143 183 223 239
pipe; 129 feet of 12-inch shutter-ty screen. Driller's log of well 302 J. D. Vaughn farm. 14 miles southwe Tulia. Formation unknown) 54 Hard rock 8 Soft yellow send 31	ype est of 54 62	White sand, water 20 Red sand and caliche rock- 20 Pink sand 20 Packed sand and clay 40 Layerod red clay and spongy .sand 40 Gray sand 16 Spongy sand with spots of sandstone 2	83 103 123 143 183 223 239 241
pipe; 129 feet of 12-inch shutter-ty screen. Driller's log of well 302 J. D. Vaughn farm. 14 miles southwe Tulia. Formation unknown) 54 Hard rock 8 Soft yellow send 31 Hard rock 3	ype est of 54 62 93 96	White sand, water 20 Red sand and caliche rock- 20 Pink send 20 Packed sand and clay 40 Layered red clay and spongy .sand 40 Gray sand 16 Spongy sand with spots of sandstone 2 GOTAL DEPTH 2	83 103 123 143 183 223 239 241 241 241
pipe; 129 feet of 12-inch shutter-ty screen. <u>Driller's log of well 302</u> J. D. Vaughn farm. 14 miles southwe Tulia. Formation unknown) 54 Hard rock 8 Soft yellow send 31 Hard rock 3 Coarse-grained yellow sand - 69	ype est of 54 62 93 96 165	White sand, water 20 Red sand and caliche rock- 20 Pink send 20 Packed sand and clay 40 Layerod red clay and spongy .sand 40 Gray sand 16 Spongy sand with spots of sandstone 2 GASING RECORD: 240 feet of 16-inc	83 103 123 143 183 223 239 241 241 h and
pipe; 129 feet of 12-inch shutter-ty screen. Driller's log of well 302 J. D. Vaughn farm. 14 miles southwe Tulia. Formation unknown) 54 Hard rock 8 Soft yellow send 31 Hard rock 3 Coarse-grained yellow sand - 69 Sand rock 7	ype est of 54 62 93 96 165 172	White sand, water 20 Red sand and caliche rock- 20 Pink sand 20 Packed sand and clay 40 Layerod red clay and spongy .sand 40 Gray sand 40 Gray sand 16 Spongy sand with spots of sandstone 2 GOTAL DEPTH 2 CASING RECORD: 240 feet of 16-inc 14-inch steel casing at top, perf	83 103 123 143 183 223 239 241 241 h and
pipe; 129 feet of 12-inch shutter-ty screen. <u>Driller's log of well 302</u> J. D. Vaughn farm. 14 miles southwe Tulia. Formation unknown) 54 Hard rock 8 Soft yellow send 31 Hard rock 3 Coarse-grained yellow sand - 69 Sand rock 7 Hard rock 5	ype est of 54 62 93 96 165 172 177	White sand, water 20 Red sand and caliche rock- 20 Pink send 20 Packed sand and clay 40 Layerod red clay and spongy .sand 40 Gray sand 16 Spongy sand with spots of sandstone 2 GASING RECORD: 240 feet of 16-inc	82 103 123 143 183 223 239 241 241 241 h and
pipe; 129 feet of 12-inch shutter-ty screen. <u>Driller's log of well 302</u> J. D. Vaughn farm. 14 miles southwe Tulia. Formation unknown) 54 Hard rock 8 Soft yellow send 31 Hard rock 31 Hard rock 3 Coarse-grained yellow sand - 69 Sand rock 5 Red clay 56	ype est of 54 62 93 96 165 172 177 233	White sand, water 20 Red sand and caliche rock- 20 Pink sand 20 Packed sand and clay 40 Layered red clay and spongy .sand 40 Gray sand 40 Gray sand 16 Spongy sand with spots of sandstone 2 GOTAL DEPTH 2 CASING RECORD: 240 feet of 16-inc 14-inch steel casing at top, perf below water level.	83 103 123 143 183 223 239 241 241 241 h and coreted
pipe; 129 feet of 12-inch shutter-ty screen. <u>Driller's log of well 302</u> J. D. Vaughn farm. 14 miles southwe Tulia. Formation unknown) 54 Hard rock 8 Soft yellow send 31 Hard rock 3 Coarse-grained yellow sand - 69 Sand rock 7 Hard rock 5	ype est of 54 62 93 96 165 172 177	White sand, water 20 Red sand and caliche rock- 20 Pink sand 20 Packed sand and clay 40 Layered red clay and spongy .sand 40 Gray sand 40 Gray sand 16 Spongy sand with spots of sandstone 2 GOTAL DEPTH 2 CASING RECORD: 240 feet of 16-inc 14-inch steel casing at top, perf below water level. Driller's log of well 345	83 103 123 143 183 223 239 241 241 241 h and coreted
pipe; 129 feet of 12-inch shutter-ty screen. Driller's log of well 302 J. D. Vaughn farm. 14 miles southwe Tulia. Formation unknown) 54 Hard rock 8 Soft yellow send 31 Hard rock 3 Coarse-grained yellow sand - 69 Sand rock 5 Red clay 56 TOTAL DEPTH 56	ype est of 54 62 93 96 165 172 177 233	White sand, water 20 Red sand and caliche rock- 20 Pink send 20 Packed sand and clay 40 Layered red clay and spongy .sand 40 Gray sand 40 Gray sand 16 Spongy sand with spots of sandstone 2 GOTAL DEPTH 2 CASING RECORD: 240 feet of 16-inc 14-inch steel casing at top, perf below water level. <u>Driller's log of well 345</u> P. G. Wimberley farm. 10 miles s	oretod
pipe; 129 feet of 12-inch shutter-ty screen. Driller's log of well 302 J. D. Vaughn farm. 14 miles southwe Tulia. Formation unknown) 54 Hard rock 8 Soft yellow sand 31 Hard rock 3 Coarse-grained yellow sand - 69 Sand rock 5 Red clay 56 TOTAL DEPTH 56 Driller's log of well 315	ype est of 54 62 93 96 165 172 177 233 233	White sand, water 20 Red sand and caliche rock- 20 Pink send 20 Packed sand and clay 40 Layerod red clay and spongy .sand 40 Gray sand 40 Gray sand 16 Spongy sand with spots of sandstone 2 GOTAL DEPTH 2 CASING RECORD: 240 feet of 16-inc 14-inch steel casing at top, perf below water level. <u>Driller's log of well 345</u> P. G. Wimberley farm. 10 miles s Tulia.	83 103 123 143 183 223 239 241 241 h and coreted
pipe; 129 feet of 12-inch shutter-ty screen. Driller's log of well 302 J. D. Vaughn farm. 14 miles southwe Tulia. Formation unknown) 54 Hard rock 8 Soft yellow send 31 Hard rock 3 Coarse-grained yellow sand - 69 Sand rock 5 Red clay 56 TOTAL DEPTH 56	ype est of 54 62 93 96 165 172 177 233 233	White sand, water 20 Red sand and caliche rock- 20 Pink send 20 Packed sand and clay 40 Layerod red clay and spongy .sand 40 Gray sand 16 Spongy sand with spots of sandstone 2 STAL DEPTH 2 CASING RECORD: 240 feet of 16-inc 14-inch steel casing at top, perf below water level. Driller's log of well 345 P. G. Wimberley farm. 10 miles s Tulia.	83 103 123 143 183 223 239 241 241 241 241 00000000

-33-

Table of Drillers' Logs, Swisher County--Continued

Thick		pth	Thickness	
(f	eet) (f	<u>eet)</u>	(feet)	(feet)
Driller's log of well 345-	-Continu	ed	Uriller's log of well 370-Con	tinued
Rock	12	62	Sendstone and boulders 2	1 198
Soft sand	4	66	Shale 43	241
Sand and rock	29	95	Shele rock 22	263
Soft sand	42	137	Clay 8	271
White clay	8	145	Shale rock 9	280
White sand	25	170	Shale 7	287
Gravel	16	186	Shale rock 11	298
Red clay	50	236	Shalo 13	311
TOTAL DEPTH		236	Shale rock 3	314
			Lime rock 4	318
Driller's log of wel	1 370		Shale rock 18	333
Texas Land & Development Co.		14월	Shale 5	341
miles south of Tulia.		~	Shale rock 7	348
Top soil	3	3	TOTAL DEPTH	348
Clay and chalk	3	6		
Clay	12	18	Driller's log of well 37	6
Shale rock	3	21	H. F. Axtell farm. 125 miles so	
Shale	6	27	Tulia.	
Clay	7	34	(Formation unknown) 45	45
Shale	3	37	Dry sand 31	76
Shale rock	5	42	Flint rock 3	79
Clay	9	51	Caliche and boulders- 61	140
Shale	11	62	Water sand 3	143
Clay	4	66	Caliche 43	186
Water sand	6	72	Water sand 4	190
Lime rock and boulders	6	78	Red beds 98	288
Lime rock	3	81	Water sand 2	290
Shale	6	87	Red bods 97	387
Clay	11	98	Water sand 3	390
Shale	9	107	Blue $clay 10$	400
Soft sandstone, water	8	115	TOTAL DEPTH	400
Shale	7	122	CASING RECORD: 77 feet of 15-incl	
Shale rock	9	131	casing at top.	
Water sand	8	139		
Sandstone, water	8	147		
Shale	7	154		
Sandstone, water	13	167		
Shale	9	176		
Sandstone, water	14	190		
Lime rock, sandstone and				
boulders	6	196		

## Partial analyses of water from wells in Swisher County, Texas

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Geological Survey. Results are in parts por million. Well numbers correspond to numbers in the table of well records.)           Well         Dopth         Of         of         Total         Cale         Wagner         Softward         Interplay in the table of well records.)           Well         Owner         of         of         of         (algolied)         (algolied)         bandt         bandt         (algolied)         bandt         (algolied)         <	Ch	alyzed at the Unive emistry; by J. E. S Harmaza, Martin	tulken, Wieland	D. F. Riddell, , and Jack Rams	H. T. David sey, Assistan	lson, F nt Chem	loyd H. N ists. N	Ward, and F. itrate detern	G. Stee nined by	er, Che E. ₩.	mists; Lohr,	and J U.S.	г. А.	
Well No.Owner well (ft.)of collectionof dissolved solidsetun (Ma)Freesasiun (Ma)Preesasiun (Ma / K) (Galulated)Preesasiun (HOG_3)Preesasiun (HOG_3)Preesasiun (Galulated)Preesasiun (HOG_3)Preesasiun (Galulated)Preesasiun 	_Geo	logical Survey. Re	sults a	re in parts per	الجال بالباط الباران فيتجالب بالمجاورة المتجار فسيتقاب ومشاكلته والباليل								ell records.)	
No.well (ft.)collection (calculated)collds (calculated)(Ga)(Mg) 			- 1			1 1	~ 1	;	1	1		1		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		Owner	1	1								1		
3       A. A. Fraken       102       July 16, 1937       342       -       -       -       266       64       20       2/       -         12       C. D. Taylor       72       July 24, 1937       399       -       -       305       50       50 $2/$ -         15       R. Simmons       99       do.       3544       -       -       -       256       43       47 $2/$ -         17       Kaffir School       85       Dec. 2, 1937       330       55       21       44       293       36       30       a/       223         19       D. E. Armontrout       224       Oct. 28, 1937       280       55       23       22       244       54       14 $2/$ 234         35       W. C. Hulsey       245       Nov. 23, 1937       375       52       33       25       301       30 $4/$ -       53       61       30 $4/$ -       53       54       31       342       64       30 $3/$ -       -       53       54       31       342       64       30 $3/$ -       -       - </td <td>No.</td> <td></td> <td></td> <td>collection</td> <td></td> <td></td> <td>(Mg)</td> <td></td> <td><math>(HCO_3)</math></td> <td><math>(S0_4)</math></td> <td>(C1)</td> <td><math>(NO_3)</math></td> <td>0</td> <td></td>	No.			collection			(Mg)		$(HCO_3)$	$(S0_4)$	(C1)	$(NO_3)$	0	
12C. D. Taylor72July 24, 193739930550504/-15R. Simmons99do.34425643472/-17Kaffir School85Dec. 2, 1937330552144293363322319D. E. Armontrout2240ct. 28, 193726955232224454142/23421Childress School105Dec. 2, 19372905523253053915a/26538J. B. Johnson65Sept.13, 19373983232630a/-102Union Hill School80Nov. 23, 19373963928/102Inion Hill School80Nov. 24, 19373963226130a/201104Salam School80Nov. 24, 19373963928/-102Union Hill School80Nov. 24, 19373963928/-102StateSkool80Nov. 24, 19373963928/-104Salam School80Nov. 29, 1937338424034317<			(ft.)		الجامل وتكافظ فاجتل والمجاد ليتير أخلاف بالمحموط والمحمولين والمحمولين	<u>)  i</u>	•	(calculated)					(calculated)	
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17       Kaffir School       85       Dec. 2, 1937       330       55       21       44       293       36       30       3/       223         19       D. E. Armontrout       224       Oct. 28, 1937       269       56       24       12       244       39       18       g/       240         21       Childress School       105       Dec. 2, 1337       290       55       23       22       244       54       14       a.       224         35       W. C. Hulsey       245       Nov. 23, 1937       317       52       33       25       305       39       15       g/       225         36       J. J. Johnson       65       Sept.13, 1937       398       -       -       -       -       323       61       30       g/       -       -       -       -       323       61       30       g/       -       -       -       -       323       61       30       g/       -       -       -       323       61       30       g/       -       -       -       323       61       30       g/       -       -       -       -       -       333       61			the second s	אין אדר אין איז איין אין אין אין איין אין אין אין אין א	AND DESCRIPTION OF A DE				Antonio and a second second second	Annual Contractor of Contractor of Contractor		<u>a/</u>	-	
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216Ben Finegold179Nov. 10, 193731156302432322203/264236E. R. Lovern232Nov. 9, 19373373246383482916a/269320Smith & Barnhart200Dec. 2, 19373225033313422515a/260321Miss Alice Harrel220Nov. 4, 19373115936113362515a/298322do.216Aug: 10, 19373144243182872931a/281324Houston School70Dec. 3, 19373486443352685450a/336327W. H. Lowe240Nov. 10, 19373285433283232925a/270332W. F. Kerr209June 5, 19374066650153236848a/371337J. R. Barnhart65May 14, 19375028057233368976a/435338R. L. Edmonson190Nov. 3, 19373796935273364340a/317	205	Elkins School	48	do.	340	57	28	317	305	39	25	<u>a</u> /	257	
236E. R. Lovern232Nov. 9, 19373373246383482916a/269320Smith & Barnhart200Dec. 2, 19373225033313422515a/260321Miss Alice Harrel220Nov. 4, 19373115936113362515a/298322do.216Aug: 10, 19373144243182872931a/281324Houston School70Dec. 3, 1937348644352685450a/336327W. H. Lowe240Nov. 10, 19373285433283232925a/270332W. F. Kerr209June 5, 19374066650153236848a/371337J. R. Barnhart65May 14, 19375028057233368976a/435338R. L. Edmonson190Nov. 3, 19373796935273364340a/317	208	Love School	55	Dec. 2, 1937	aite					61	30	<u>a</u> /	- <u>.</u>	
320       Smith & Barnhart       200       Dec.       2, 1937       322       50       33       31       342       25       15       a/       260         321       Miss Alice Harrel       220       Nov.       4, 1937       311       59       36       11       336       25       15       a/       298         322       do.       216       Aug:       10, 1937       314       42       43       18       287       29       31       a/       281         324       Houston School       70       Dec.       3, 1937       348       64       43       5       268       54       50       a/       336         327       W. H. Lowe       240       Nov.       10, 1937       328       54       33       28       323       29       25       a/       270         332       W. F. Kerr       209       June 5, 1937       406       66       50       15       323       68       48       a/       371         337       J. R. Barnhart       65       May 14, 1937       502       80       57       23       336       89       76       a/       435       338	216	Ben Finegold	179	Nov. 10, 1937	311	56	30	24	323	22	20	a/	264	
321       Miss Alice Harrel       220       Nov. 4, 1937       311       59       36       11       336       25       15       a/       298         322       do.       216       Aug. 10, 1937       314       42       43       18       287       29       31       a/       281         324       Houston School       70       Dec. 3, 1937       348       64       43       5       268       54       50       a/       336         327       W. H. Lowe       240       Nov. 10, 1937       328       54       33       28       323       29       25       a/       270         332       W. F. Kerr       209       June 5, 1937       406       66       50       15       323       68       48       a/       371         337       J. R. Barnhart       65       May 14, 1937       502       80       57       23       336       89       76       a/       435         338       R. L. Edmonson       190       Nov. 3, 1937       379       69       35       27       336       43       40       a/       317	236	E. R. Lovern	232	Nov. 9, 1937	337	32	46	38	348	29	16	a/	269	
322       do.       216       Aug: 10, 1937       314       42       43       18       287       29       31       a/       281         324       Houston School       70       Dec.       3, 1937       348       64       43       5       268       54       50       a/       336         327       W. H. Lowe       240       Nov. 10, 1937       328       54       33       28       323       29       25       a/       270         332       W. F. Kerr       209       June 5, 1937       406       66       50       15       323       68       48       a/       371         337       J. R. Barnhart       65       May 14, 1937       502       80       57       23       336       89       76       a/       435         338       R. L. Edmonson       190       Nov. 3, 1937       379       69       35       27       336       43       40       a/       317	320	Smith & Barnhart	200	Dec. 2, 1937	322	50	33	31	342	25	15	<u>a/</u>	260	
324       Houston School       70       Dec.       3, 1937       348       64       43       5       268       54       50       a/       336         327       W. H. Lowe       240       Nov. 10, 1937       328       54       33       28       323       29       25       a/       270         332       W. F. Kerr       209       June 5, 1937       406       66       50       15       323       68       48       a/       371         337       J. R. Barnhart       65       May 14, 1937       502       80       57       23       336       89       76       a/       435         338       R. L. Edmonson       190       Nov. 3, 1937       379       69       35       27       336       43       40       a/       317	321	Miss Alice Harrel	220	Nov. 4, 1937	311	59	36	11	336	25	15	a/	298	
324       Houston School       70       Dec.       3, 1937       348       64       43       5       268       54       50       a/       336         327       W. H. Lowe       240       Nov. 10, 1937       328       54       33       28       323       29       25       a/       270         332       W. F. Kerr       209       June 5, 1937       406       66       50       15       323       68       48       a/       371         337       J. R. Barnhart       65       May 14, 1937       502       80       57       23       336       89       76       a/       435         338       R. L. Edmonson       190       Nov. 3, 1937       379       69       35       27       336       43       40       a/       317	322	do.	216	Aug. 10, 1937	314	42	43	18	287	29	31	<u>a/</u>	. 281	
327       W. H. Lowe       240       Nov. 10, 1937       328       54       33       28       323       29       25       a/       270         332       W. F. Kerr       209       June 5, 1937       406       66       50       15       323       68       48       a/       371         337       J. R. Barnhart       65       May 14, 1937       502       80       57       23       336       89       76       a/       435         338       R. L. Edmonson       190       Nov. 3, 1937       379       69       35       27       336       43       40       a/       317	324	Houston School	70	Dec. 3, 1937	348	64	43	5	268	54	50		336	
332       W. F. Kerr       209       June 5, 1937       406       66       50       15       323       68       48       a/       371         337       J. R. Barnhart       65       May 14, 1937       502       80       57       23       336       89       76       a/       435         338       R. L. Edmonson       190       Nov.       3, 1937       379       69       35       27       336       43       40       a/       317	327	W. H. Lowe	240	Nov. 10, 1937	328	54	33	28	323	29	25		270	
338 R. L. Edmonson 190 Nov. 3, 1937 379 69 35 27 336 43 40 <u>a</u> / 317	332	W. F. Kerr	209	June 5, 1937	406	66	50	15	323	68			371	
	337	J. R. Barnhart	65	May 14, 1937	502	80	57	23	336	89	76	<u>a</u> /	435	
	338	R. L. Edmonson	190	Nov. 3, 1937	379	69	35	27	336	43	40	<u>a</u> /	317	
<u>353 Kress High School 65 Dec. 3, 1937 29 12 a/ -</u>	353	Kress High School	65	Dec. 3, 1937			**			29	12		••••	

a/ Nitrate less than 20 parts per million.

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		Depth	Date	. Total	Cal-	Magne-	Sodium and	Bicar-	Sul-	Chlo-	Ni-	Total
Well	Owner	of	of	d1ssolved	cium	sium	Potassium	bonate	phate	ride	trate	hardness
No.		well	collection	solids	(Ca)	(Mg)	(Na ≠ K)	$(ECO_3)$	(S04)	(Cl)	$(NO_3)$	as CaCO3
		(ft.)		(calculated)			(chlculated)		+			(calculated)
359		220	Dec. 1, 1937	319	62	22	33	305	29	20	<u>a</u> /	243
361	L. Kennedy	202	Sept.24, 1937	299	64	26	16	305	25	18	a/	266
402	Lakeview School	100	Dec. 3, 1937	391	76	34	22	299	64	48	a/	331
406	McGuire School	100	do.	**		-	ation	-		13	<u>a</u> /	-
408	J. A. Elis	202	Sept.24, 1937	265	56	22	12	244	25	20	<u>a</u> /	229
410	E. E. Cox	167	Sept.23, 1937	365	72	34	18	281	43	60	<u>a</u> /	321
414	M. C. Vinyard	200	do.	327	67	36	9	354	29	12	<u>a</u> /	318
429	C. Reed	198	do.	281	67	29		287	29	15	a/	288

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

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a/ Nitrate less than 20 parts per million.

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