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GILLESPIE COUNTY, TEXAS

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

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WORKS PROGRESS ADMINISTRATION

GROUND-WATER SURVEY

PROJECT 2088

Elgean Shield Project Superintendent

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Analyses made, maps prepared, data assembled, and report mimeographed by WORKS PROGRESS ADMINISTRATION PROJECT 6507-5112

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Sponsored by the State Board of Water Engineers with the Bureau of Industrial Chemistry of The University of Texas and the U. S. Geological Survey cooperating.

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Austin, Texas June 10, 1937

GILLESPIE COUNTY, TEXAS

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Introduction

by
Samuel F. Turner
Associate Hydraulic Engineer
U. S. Geological Survey

The purpose of this survey was to obtain information concerning existing wells and springs and the quantity and quality of water they yield.

This project was part of a statewide Works Progress Administration project known as a "Statewide Inventory of Water Wells", sponsored by the State Board of Water Engineers. The Division of Ground Water of the U. S. Geological Survey cooperated in the technical direction of the project and the Bureau of Industrial Chemistry of The University of Texas furnished laboratory space and equipment and supervised the chemical analyses.

The analyses were made by chemists employed on Works Progress Administration Project 6507-5112 at Austin, Texas, sponsored by the State Board of Water Engineers. This release was typed and assembled by typists and draftsmen employed on this project.

The field work in Gillespie County was started on January 28, 1936, and completed on June 9, 1936. This project was Project 2088 of District 14 of the Works Progress Administration, Brownwood, Texas. Elgean Shield, a geologist, was project superintendent. Mr. Shield deserves credit for his work and for the many extra hours he spent on the project. The Brownwood office of the Works Progress Administration made this work possible by their constant help and cooperation.

This release contains the well and spring records obtained by the project superintendent and the chemical analyses of water from privately owned wells and springs. Locations of all wells and springs listed are shown on the folded map in the back of the release. Records of wells in Gillespie County, Texas

/ A-	Il molla on		ls in Gillespie Co			ama alsa t	الدامم ا	mm 1
A	II werrs ar	e drilled or bored	uniess otherwise	noted	In "Re	emarks'	corn	nn•)
No.	Distance from	Owner	Driller	Date com-	tude above	of	eter	Height of measuring
	Harper			ple- ted		well (ft.)	of well	point a- bove gro-
	 			2000	e/	370	(in.)	und (ft.)a/
1	$14\frac{1}{2}$ miles north	J. M. Diuden	Chas. Boedder	1900		110	6	1
2	do.	Walter Itz		1910		152	6	
3	14 miles north	Archie Geistweidt	Brown			120	6	0
4	do.	A. F. Faucht				123	6	0
5	do.	Adolph Evers	Sellards			185	6	1.5
6	do.	E. L. Gross		1930		880	7	
7	15 miles north	Jake Geistweidt		1929		70	6	
8	do.	John Geistweidt	Miller			241	6	
9	16 miles	Adolph Sattler		==		Spring		
10	15 miles north	Arnold Rode	Miller			60	6	
11	do.	Mrs. Julius Lange				Sprine		
<u>e/ 12</u>	15g miles	Ruben Nixon	Page			54	6	
e/ 13		Mrs. Julius Lange				Sprine		
14	16g miles	Chas. Lekmann	Davis	1880		41	6	1
15	16 miles northwest	Eddie Hahn	Schultz		1,810	121	6	1
e/ 16	16½ miles	Fred Hahn	Miller	1900		121	6	
e/ 17	15½ miles northwest	Chas. Lehmann	Oscar Miller		1,796	165	6	69. see
18	15 miles northwest	W. M. Rosenbusch	W. M. Rosenbusch		1 800	1 0 6	6	1
19	do.	do.			1,788	95	6	1
20	13½ miles northwest	Henry Baethge	Bob Owens	****	1,710	740	6	0.5
21	do.	do.			1,711	200	6	1
22	do.	Will Baethge	Ernest Schmidt	87-00p	1,725	184	6	0.5
23	do.	Alfred Duerst	Sellards	1907	1,755	79	6	0.5
24	13 miles northwest	John Berener	Foerster	1923	1,755	870	6	
6/ 17+		ined by barometric	acadina	L		L		 .

a/ Altitudes obtained by barometric reading.

b/ Measuring point was usually top of casing, top of pump base, top of well curb, or top of casing clamp.

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

Records obtained by Elgean Shield , Project Superintendent.

(Chemical analyses of water from these wells are in the table of analyses.) Water Level No. Depth Date of Pump Use Remarks below measureand of measur- ment power water ing point d/ c/ (feet) 66.5 Mar. 5, Stone block curb. Never fails. Water reported from C, W 1936 Never fails. Water reported from sand. 2 C,W 100.5 Mar. 4. 3 C, W D,S,I Do. 1936 108 D.S.I Good quality water reported from sand. do. C.W 172.8 Mar. 5. Dry hole 20 feet south, 98 feet deep. Water report-C.W ed from sand. 1936 Never fails. First water at 90 feet. Estimated ca-6 170 C,W D.S f/ pacity 10-15 gallons a minute. 16.8 Mar. 4, C,W S,I Never fails. 1936 40.5 Never fails. 6 inch galvanized iron casing. do. C,W D.S 9 Flows do. None D,S,I Never fails. Strong after rains. Water reported from limestone. Temperature 60°F. 10 31.2 Never fails. Water reported from sand. do. C.W 11 Estimated flow; 300 gallons a minute from 2 openings Flows do. None D,S,I in limestone conglomerate. Never fails. 42.5. Never fails. 6 inch galvanized iron casing. 12 do. D,S,I reported from sand. Estimated flow, 300 gallons a minute, from 2 open-Flows Mar. 6, None D,S,I 1936 ings in fractured rock. Never fails. Temperature Feb. 29, 14 17 Concrete block curb. Never fails. Water re- 65°F. C.W D 1936 ported from sand. . 15 91.7 Concrete block curb; 6 inch galvanized iron casing. do. C,W $\overline{\mathtt{D}}$ Reported red clay at bottom of well. Never fails. 16 ---C.W D.S Water reported from sand. 6 inch galvanized casing. Never fails. 17 148 Feb. 29, C,W S To. 1936 99.5 18 do. C, W Gravel from 100 feet to 106 feet. Seep of water from red clay at 50 feet. Never fails. 19 90 Concrete block curb; 6 inch galvanized iron casing. do. Ø.c. Ind Water reported from sand. 5 20 27 do. C, W S Concrete block curb; 6 inch galvanized casing. Weak Supply. 21 44.5 Concrete block curb. Rock at 40 feet. Never fails. do. C,W Water reported from sand. 22 56.5 do. C,W Concrete block curb; 6 inch galvanized iron casing. -Never fails. Water reported from sand.
Water from sand at bottom. Well caved at 36 feet. 23 59 Mar. 10, C, W 6 inch casing to 68.5 feet. 1936 Reported formerly flowed, 50 llons minute from a 24 36.2 Mar. 11, C.W

d/ I, irrigation; Ind, industrial; P, public; D, domestic; S, stock; N, not used No water sample collected for analysis.

f; Water level reported.

-5-

4	`	Records of wells	in Gillespie Cour	tyC				
No.	Distance from	O wner	Driller	4	Alti- tude above	Depth		Height of measuring
	Harper			ple- ted	sea level <u>o</u> /	well (ft.)	of well (in:)	point a- bove gro- ùnd(ft.)a/
25	8 miles north	Louis Seiter		Old	1,901	198	6	1
26	8½ miles north	do.	Milton Vater	1936	1,908	202	6	1
27	do.	Hahn Brothers	Leyendecker		1,884	114	6	
28	7 <mark>호</mark> miles north	Carl Kroll	Walter Foerster	1923		200	6	0.5
29	12 miles	Oscar Weinheimer	Wm. Schuch	Old		271	6	0.5
30	12½ miles west	Gus Weinheimer	Leyendecker	1910		128	6	1
31	Lot 17 In Harper	L. M. Wilson	nga aga	Old		82	6	С
32	Near Blk.	A Sam McCaleb				81	6	0.2
33	Lot 30 In Harper	B. Markwordt	un esta.	Old		69	6	
34	Lot 8 In Harper	Arthur S. Baumann	1			62	6	
e/35	Lot 7 In Harper	Chas. Keller	est class	Old		72		0.5
36	Lot 5 In Harper	Willie Kaiser	, par	Old		54	6	0.5
37	Lot 2 In Harper	Mrs. E. Hickson				64	6	0.5
e/38	Lot l In Harper	0. W. Sageser		1900		77	6	0.5
39	i mile west	Walter Bierschwale				81	6	C
40	l mile west	Oscar Fiedler		Old		120	6	0.5
41	4 miles west	John Heinemann				246	6	1
42	32 miles southwest	Bette Markwordt		-		211	8	0.5
43	5 miles southwest	A. H. Kaiser		1906		251	8	1.5
44		Henry Moellendorf		1908		200	6	1
45	mile south	Fred Gammenthaler		Old		114	6	1
46	do.	Mrs. Tom McDougal		Old		122	8	0.5
46a	do.	Fred Gammenthaler		Old		Sprin	<u></u>	
<u>e/47</u>	2 miles southwest	Louis Feller				do.		
48	24 miles southeast	August Ernest				do.		
49	2½ miles southeast	Louis Feller		01d	1,950	89	6	
50	35 miles southeast	August Ernest	Leyend ec ker & Walter Foerster	1	1,929	283	6	ı

-6Elsean Shield . Project Superintendent

			Elg	ean Shi	eld , Project Superintendent.
	Water	Level			
No.		Date of			Remarks
	below	measure-			
į	measur	1		water	
	ing po		ુ⁄	₫/	
	(feet)				h Name Poils Eleton lovel maggined
25	18 0. 6	Mar. 10,	C,W	D,S	Stone curb. Never fails. Water level measured
		1936			while pumping. Water reported from sand.
26	185.7	do.	None	D	Concrete block curb; 6 inch galvanized casing.
			~		Water reported from sand. New well, not tested. Concrete block curb; 6 inch galvanized iron casing.
27	71.7	do.	C,W	D,S	
	20= 0		~	→ ~ ∓	Never fails. Water reported from sand. Stone curb; 6 inch galvanized iron casing. Never
28	187.2	do.	C,W	D,S,I	fails. Water reported from sand.
	704 0	26 20	G W	F C	Concrete block curb; 6 inch galvanized iron casing.
29	194.8	Mar. 12,	C,W	D,S	Never fails. Water reported from sand.
70	90.8	1936	C,W	D,S	Wood curb; 6 inch galvanized iron casing. Never
30	30.0	do.	C, W	ס,ע	fails. Water reported from sand.
	CO 0	77-1- 10	C1 117	D	Never fails. 6 inch galvanized casing. Reported
31	50.8	Feb. 19,	C,₩	D .	water from flint bed.
70	777 4	1936	(1 H)	D	Concrete block curb; 6 inch galvanized iron casing.
32	71.4	đo.	C,W	ע	Never fails. Water reported from flint bed.
F7 F7	CO	<i>E</i> /	() TET	7	Crooked hole. Never fails. Casing broken. Water
33	6 0	<u>f</u> /	C,W	D	
	F. 6. F.	- 10	~		reported from flint bed. Rock curb. Never fails. Water reported from flint
34	50.5	Feb. 19,	C,₩	D	
		1936	G VIII	- T	Concrete block curb. Never fails. Water reported
35	52.1	. do.	C,W	D	from flint bed.
	51.1	do.	C 507	Ď	Never fails. Good quality water reported from flint
36	01.1	ao.	C,W	ע	bed.
37	46	do.	C,W	D	Concrete block curb. Never fails. Water reported :
07	10	40.	O, 11	D	from flight to a. clau slip from 66 feet to boltom.
38	18.7	do.	C,W	D	Water from blue slate at 58 to 62 feet. Reported
	10.		· ,	Ъ	pumps dry at 10 gallons a minute. Weak supply.
39	6C-1	Mar. 17,	C,W	D,S	Wood block curb. Water from limestone.reported.
<i>-</i>		1936	0, //	2,0	,
40	85.7	do.	С, 71	D,S	Stone block curb; 3 feet, 6 inch galvanized iron
			·	·	casing at top. Water level measured while pumping.
41	166	do.	C,W	D	Reported pumps dry in 8 hours at 3 Never fails.
		•	,		gallons a minute. Reported nearly fails in drought.
42	191.2	do.	C,W	D	Stone block curb. Never fails. Water reported from
			·		limestone.
43	220.5	do.	C,W	D,S,I	Concrete block curb; 8 inch galvanized iron casing.
	,				Never fails. Supplies 350 goats. Irrigates 2 acres.
44	198	do.	C,W	D,S,I	Stone block curb. Never fails. Reported pumps dry
					in 3 hours.
45	56.8	do.	C,₩	D,S	Concrete block curb. Never fails. Water reported
					from limestone.
46	36.7	. do.	C,W	D,S	Stone block curb; 8 inch galvanized iron casing.
					Never fails. Chalk reported in bottom.
46 a		Feb. 19,	None	D	Estimated flow; 3 gallons a minute from limestone.
		1936			Fails in summer. Temperature 60°F.
47	FLOWS	Feb. 13,	None	D	Estimated flow, 1,000 gallons a minute from limestone.
	777	1936	3.7		Never fails. Temperature 60°F.
48	FLOWS	Feb. 19,	None	N	Intermittent spring from base of limestone at con-
	7.	1936			tact with shale. Rock curb; 65 feet, 6 inch galvanized casing at top.
49	34.8	Mar. 13,	০,খ	D	
50	971 =	1936			Never fails. Cut stone curb; 6 inch galvanized casing, top to
5 0	231.5	do.	C,W	D	bottom. Never fails. Water reported from sand.
	L		1		po anome Meset 1811Ps Maret 10 hot sed 11 out gauge

	1		Records of wells						
No.		Distance from	Owner	Driller		Alti- tude above		Diam- eter	Height of measuring
	- 1	Harper			com- ple-		well	of	point a-
		1101 poi			ted	level.	i e	well (in.)	bove gro- und (ft.)b
Ş	1	6 miles southeast	August Richner	Edgar Moslel	1917	1,970	190	6	1
/ 5		9 <mark>분</mark> miles southe ast	Adam Stehling				119	6	0.5
		10 miles southeast	Jake Roeder		Old		170	6	0.5
		10g miles southeast	Chas. H. Roeder			1,819	87	6	0.5
	55	do.	Chas. Roeder			1,849	151	6	0.5
	56	do.	Emil Fritz			1,850	190	6	0
		12 miles southeast	Herman Juenk	Leyendecker	Old	1,829	136	6	0.5
	58	do.	Klein Est.	Adolph Usener	1925		99	6	0.5
··		$12\frac{1}{2}$ miles southeast	Willie Zenner	do.	Old		89	6	0
	30	do.	W. T. Zenner	John Griffin	1905		100	6	0
	31	do.	Morris Land Co.				68	6	3
		12 miles southeast	do.				117		0.5
	3	do.	Andrew Brandon	Chas. Leyendecker			186	6	0.5
	54	do.	August Lott	Rouse & Hermann	1900		152	6	
		llg miles	Mrs. Laura Weigand		Old		2 28	6	0.5
		10g miles southeast	Edwin Pfiester		Old		134	6	0.5
	57	do.	W. M. Roeder	Schultz	1935		236		0.5
		10 miles south	Mrs. W. A. Peril	Walter Middleton		ļ	133	6	1
6		9½ miles south	Dittmar				137	6	1
7,		7 miles south	Mrs. C. A. Spencer				39	8	0.5
7		$6\frac{1}{2}$ miles south	Mr. C. A. Spencer	Max Scarborough	1954		62	6	0.5
7	72	do.	Lewis Stevens				75	6	1
	1	6 miles south	do.		1900		48	6	0. 5
Ţ		5호 miles south	do.		19 3 3		66	6	0.5
e/ 7		42 miles south	W. H. Stevens				Spring	* 	
	'5a	do.	do.			 	96	· ·	

Elgean Shield , Project Superintendent. Water Level Remarks No. Depth Date of Pump Use below measureofand measurment power water ing point _⊆/ đ/ (feet) 177.4 Mar. 13, Round concrete block curb; 6 inch galvanized casing, top to bettom. 1936 Mar. 20, 60 Never fails. Stone block curb; 6 inch galvanized 52 C, W casing. Water reported from limestone. 1936 Cut stone curb; 6 inch galvanized casing. Measur-Mar. 13, 156 53 C, W D ed while pumping. Never fails. Water reported from 1936 54 65.2 C.W D Cut stone curb; 6 inch galvanized casing. do. sand. Water reported from sand. 55 127.1 do. C,W D 56 142.6 C.W D Wood curb; 6 inch galvanized casing. Filled 5,000 do. gallon tank in 1/2 day. Red sand reported at bottom. 57 90.2 do. Stone block curb; 6 inch galvanized cas-C.W $\overline{\mathbb{D}}$ ing. Water reported from sand. Never fails. Concrete block curb; 6 inch galvanized casing, top 58 70.2 Mar. 20. C.W D.S to bottom. Never fails. Clay reported at surface.

Never fails. Water re- Water reported from sand. 1936 59 43 do. C, W ported from sand. 6 inch galvanized casing, top to 83.6 60 do. C, W T Do. bottom. 43.3 Reported bitter taste. 6 inch steel casing. 61 do. C,W S supply. Water reported from sand. 62 72.5 Concrete block curb. Clay at surface. Never fails. do. C.W S 63 136.5 do. C,7 D,S Stone block curb; 6 inch galvanized casing. reported from sand. 64 f/ Never fails. 6 inch galvanized casing. Clay at 40 C.W surface. Water reported from sand. 65 206.5 do. C, W D Stone block curb; 6 inch galvanized casing. fails. Well finished in red sand. Concrete block curb; 6 inch galvanized casing. 66 72.7 do. C, W D.S Never fails. Water reported from sand. 67 194 Mar. 19, C,W Stone block curb, Never fails. Water reported from D,S 1936 Wood block curb; 120 feet, 6 inch iron casing at 124.5 do. C.W top. Reported white sand in bottom. Well drilled 69 do. C,W D,S Wood curb: 6 horsepower ag. Never fails. inch galvanized casing. Dug well, 36 feet deep, with drilled well in bottom. Water reported from lime-Wood block curb; 8 inch galvanized casing. stone. 70 8.2 C.W do. D.S On bank of Stevens Creek. Water reported from lime-Stone block curb; 6 inch galvanized casing. stone. 71 13.5 do. C.W First water at 20 feet but main supply at 60 feet. 72 36.1 Con- Water reported from limestone. Never fails. C,W S lo. crete curb; 6 inch galvanized iron casing. Water 73 13.2 do. C, W D Wood block curb; 6 inch steel cas- from limestone. ing. Caving sand and water at 14 feet reported. 74 55.5 do. C,W D Concrete curb; 6 inch Water reported from limestone. galvanized iron casing. Never fails. Water level On Indian Creek, g mile measured while pumping. Flows Mar. 17. None D.S 1936 west of Harper-Kerrville road. Never fails. Flowvaries with seasons. Estimated flow, 50 gallons a 75a --N Abandoned oil test. None minute from limestone.

	Records of well	ls in Gillespie Cଠା	inty	-Contin	ued		
Distance from	Owner	Driller	com-	above	of	eter	measuring
Harper			ple- ted	level		well	point a- bove gro- und(ft.)b
2 miles south	Fred Rahe	4n +h		-4	190	8	1.5
Distance	Owner	Dnillen	Do to	Alti-	Denth	Diam-	Weight of
from	Owner	Dilitei	1		of		measuring
Freder-				1	well	of	point a-
1			ted	level	(ft.)		bove gro
19½ miles	Adolph Marshall		1900	1,778	45	6	und ft.
do.	Henry Keyser		1870	1.789	38	6	
do.	F. W. Lange, Est.	Also Age		1,782	56	6	1
do.	Willie Mund	Owens		* -	162	6	0.5
$18\frac{1}{2}$ miles northwest	Archie Mund		4- 4-	1,753	1 33	6	
18 miles northwest	Willie Mund	49 112		1,253	78	6	1
do.	Otto Hahn			1,833	129	6	1
15 miles northwest	Anton Weinheimer	Willie Schuch			200	6	
13 miles	Joe Stahling, Sr.	Chas. Leyendecker	1925		205	6	
lla miles northwest	W. M. Fiedler	Ernest Petsch	1931		212	6	1
northwest					198	·	1
north	Emil Welgehausen		Old	l	L	į	
north	do.			·		:	1
north	_						
north	Akolph Ochler		Old	2,050			1
north		***					0.1
northeast		** **					
		** **					0.5
northeast		Eddle Kramer					1
northeast							0.5
north							1
north							
6 miles	Adolph Stehling	Robert Rosenbusch		1,918	155	6	0.5
	Prom Harper 2 miles south Distance from Fredericks-birg 19½ miles northwest do. do. do. do. 18½ miles northwest 18 miles northwest 1½ miles north 8½ miles north 8½ miles northeast do. 7½ miles northeast 6½ miles northeast 1½ miles no	### Fred Rahe South	### Promest	### ### ##############################	Distance Comer Priller Date comer plessed above plessed level gd devel g	Distance Owner Priller Date com- above of pless com- above com- above of pless com- above of pless com- above com- above	Distance Owner Driller Date tude Depth Diameter Proper Sea ted Depth Cit. Well Cit. Cit. Well Cit. Well

a/ Altitudes obtained by barometric reading.

b/ Measuring point was usually top of casing, top of pump base, top of well curb or top of casing clamp.

c/ C, cylinder; B, bucket; W, windmill; H, hand; G, gasoline engine; E, electric

-10-Elgean Shield Project Superintendent

-			Elg	ean Shi	eld , Project Superintendent
	-	Level			
No.		Date of	1	Use	Remarks
•	below	measure-	and	of	
	measu	r- ment	power	water	
	ing po	oint	<u>c</u> /	<u>d</u> /	
	(feet)		_	
76	100.6	Mar. 17,	C,W		Stone block curb; 8 inch galvanized iron casing at
		1936			top. Weak supply. Blue mud at bottom of well.
	Water	Level	1		
No.			Pump	Use	Remarks
110		measure-		of	ALOMBA ALO
	measu			water	
	ing po		i -	d/	
	(feet		<u>c/</u>	<u> </u>	
100	(1000	,	C,H	D	Never fails. Hole full of roots.
200			0,11	ב	Never retribe more rull of roots.
101	29.5	Feb. 29,	C 101	D	Never fails. 6 inch galvanized iron casing.
101	23.0	1936	U, W	ע	Never laits, o men garvanized from casing.
102	35		C,W	D	Concrete curb; 6 inch galvanized iron casing.
102	30	do.	U, W		
103	84		O 197	T. C	Never fails. Stone block curb; 6 inch galvanized iron casing.
103	04	do.	C,W	D,S	
7.04	10.0	3.	C 777	70.00	Never fails. Water reported from sand. Never fails. 6 inch galvanized iron casing. Water
104	18.8	do.	C,W	D,S	
3.65					reported from sand.
105	21.6	do.	C,W	D,S	Concrete block curb; 6 inch galvanized iron casing.
					Never fails. Water reported from sand.
106	114.5	do.	C,W	D	Concrete block curb; 6 inch galvanized iron casing.
					Surface formation is clay. Never fails.
107	160	Mar. 5,	C,W	D,S,I	Never fails. 6 inch galvanized iron casing. Water
		1936			reported from sand.
108	165	do.	C, V		Water reported from blue and white clay. Never
					fails. 6 inch galvanized iron casing.
109	116		C,W	D	Reported capacity, 10 gallons a minute. Hard rock
		1 <i>9</i> 36			reported at 5 feet. Reported water level formerly at
110	86	Feb. 29,	C,W		Wood block curb: Buff colored clay re- 65 feet.
		1936			ported at surface. Never fails. Hard water reported
111	78	Apr. 16,	C,W	S	Stone block curb; 6 inch galvanized iron casing.
		1936			Well drilled near creek. Never fails.
112	53.5	do.	C,W		Concrete block curb; 6 inch galvanized iron casing.
					Reported pumps dry in 2 day. Vater reported from
113	40	do.	C,W		Concrete block curb. Water reported from sand.
					sand.
114	114.5	do.	C,W		Concrete block curb; 6 inch galvanized iron casing.
					Week supply.
115	100	Apr. 16,	C,H	S	Stone block curb; 6 inch galvenized iron casing.
		1936			Ranch well on top of hill. Flint bed at surface.
116	73.8	Apr, 11,	C,H	D,S	Rock block curb; 6 inch galvanized iron casing. Bufi
		1936		-	clay at surface. Water reported from sand.
117	56.9	Apr. 17,	C,H	D	Concrete block curb; 6 inch galvenized iron casing.
		1936			Never fails. Water reported from sand.
118	115.6	Apr. 11,	C,W	D	Reported 52 joints drop pipe. Can be pumped to bot-
		1936			tom of drop pipe in 30 minutes. Water reported from
119	38.3	do.	C,W	D	Wood block curb; 6 inch galvanized iron castal sana.
			- / "	_	ing. Never fails. Water reported from sand.
120	92	Apr. 16,	C,W	D	Wood block curb; 6 inch galvanized iron casing. Clay
		1936	- , "	-	at surface. Can be pumped dry. Water reported from
121	46.7	do.	C,W	D	Stone block curb; 6 inch galvanized iron cas- sand.
			`,"		ing. Never fails.
122	87.5	Feb. 28,	C.W	D	Cut stone block curb; 6 inch galvanized iron casing.
		1936	7,"	٠.	Never fails. Water reported from sand.
3 /- I			na in	daret ni	le D milite. M demostia: C start. N mast

I/ I, irrigation; Ind, industrial; P, public; D, domestic; S, stock; N, not used.
e/ No water sample collected for analysis.
f/ Water level reported.

#11#
Records of wells in Gillespie County--Continued

No. Distance from freder-icks- Owner Driller Date tude com-above of eter measuring ple-sea well of point a-ted level (ft.) well bove gro-			Records of wells	s in Gillespie Cour	nty(Continu	ied,		
From Freder- icks									
Preder Distance	No.	Distance	Owner	Driller	Date	tude	Depth	Diam-	Height of
1cks burg 1cks burg 1cks burg 1cks burg 1cks		from			com-	above	of	eter	measuring
Durg Margaret Famblin Willie Schuch 1930 2,037 80 6 0.5		Freder-		•	ple-			1	ŧ =-
123 8 miles		icks-			ted	level	(ft.)	ł	
Northwest Henry Bernhardt Otto Usener Old 213 6 1								(in.)	und(ft.)b/
124	123	8 miles	Margaret Famblin	Willie Schuch	1930	2,037	80	6	0.5
northwest 13 miles Edwin Reeh 114 6 1									
125 13 miles	124	i '		Otto Usener	Old		213	6	1
Northwest 126									
126	125						114	6	1
Test School Sch					ļ				
127 6\frac{1}{2} \text{ miles west } 128 4\frac{1}{2} \text{ miles west } 129 4 \text{ miles west } 129 4 \text{ miles west } 129 4 \text{ miles west } 130 3\frac{1}{2} \text{ miles } 130 13 \text{ miles west } 131 13 \text{ miles west } 131 13 \text{ miles } 131 \tex	126	i	1 .				79	6	
128 4g miles Mrs. Fred Baethge Chas. Leyendecker 127 6 0.6 west 129 4 miles Alfred Klaemer Cld 66 6 130 3g miles John Schlandt Old 36 131 3 miles John Phillips Otto Usener 101 6 1 132 2g miles Edd Schandt Old 121 6 1 133 1 mile W. E. Smith 1,771 54 1 134 2 miles William Knopp Krauss 1898 1,793 65 6 0.5 135 do. do. Chas. Leyendecker 1912 1,789 66 6 1 136 4 miles Richard Stehling Stehling 1,864 49 36 137 4 miles Henry Arhelger 1910 160 6 0 138 do. Arthur Itz Old 36 36 4 139 3g miles Itz Chas. Itz 49 60 1 140 4 miles Palo Alto School Old 53 6 0.5 141 2 miles Alfred Kordziek Old 57 6 1 142 2g miles Alfred Henke Adolph Usener 1911 1,793 146 6 0.5 145 1g miles Fritz Langhan Old 1,726 59 6 1 146 2 miles Fritz Langhan Old 1,726 59 6 1 146 2 miles Fritz Langhan Old 1,726 59 6 1 146 2 miles Fritz Langhan Old 1,726 59 6 1 146 2 miles Fritz Langhan Old 24 36 3 147 do. Mrs. Alfred Lehue Leyendecker 1920 236 6 1 148 12 miles Fritz Langhan Old 24 36 3 149 12 miles Fritz Langhan Old 24 36 3 140 12 miles Fritz Langhan Old 24 36 3 147 do. Mrs. Alfred Lehue Leyendecker 1920 236 6 1 148 12 miles Fritz Langhan Old									
128	127	, ~	Gilbert Loudon				37	72	1
129 4 miles	3.00				 	ļ	7.07		2.0
129	158	~	Mrs. Fred Baetnge	Chas. Leyendecker			127	Ь	0.0
130 3\frac{2}{2} \text{ miles John Schlandt Old 36 west 131 3 \text{ miles John Phillips Otto Usener 101 6 1 132 2\frac{2}{2} \text{ miles Edd Schandt Old 121 6 1 131 1 \text{ mile W. E. Smith 1,771 54 1 134 2 \text{ miles William Knopp Krauss 1696 1,793 63 6 O.5 135 do. do. Chas. Leyendecker 1912 1,789 66 6 1 136 4 \text{ miles Richard Stehling Stehling 1,864 49 36 137 4 \text{ miles Richard Stehling Stehling 1,864 49 36 138 do. Arthur Itz Old 36 36 4 139 3\frac{1}{2} \text{ miles Richard Stehling Chas. Itz 49 60 1 130 3\frac{1}{2} \text{ miles Palo Alto School Old 53 6 O.5 140 4 \text{ miles Palo Alto School Old 53 6 O.5 141 3 \text{ miles Richard Kordziek Old 137 6 1 142 2\frac{1}{2} \text{ miles Alfred Henke Adolph Usener 1911 1,793 146 6 O.5 141 3 \text{ miles Ed Leifeste Leyendecker 1,726 59 6 1 145 1\frac{1}{2} \text{ miles Fritz Langhan Old 236 6 1 146 2 \text{ miles Fritz Langhan Old 24 36 3 147 do. Mrs. Alfred Lehue Leyendecker 1920 236 6 1 148 1\frac{3}{2} \text{ miles Richard Lehue Leyendecker 1920 236 6 1 148 1\frac{3}{2} miles Chas. Klaerner Old 24 36 3 149 3\text{ miles Richard Lehue Leyendecker 1920 236 6 1 140 3\text{ miles Chas. Klaerner Old 24 36 3 140 3\text{ miles Richard Lehue Leyendecker 1920 236 6 1 141 3\text{ miles Chas. Klaerner Old 24 36 3 140 3\text{ miles Richard Lehue Leyendecker 1920 236 6 1 141 3\text{ miles Richard	7.00		A3.0		67.3		CC	-	
130 3\frac{1}{2} miles John Schlandt Old 36 131 3 miles John Phillips Otto Usener 101 6 1 132 2\frac{1}{2} miles Edd Schandt Old 121 6 1 west west west with the second March Mar	129	ł .	Alired Klaemer]	010		00	0	
West John Phillips Otto Usener 101 6 1 132 25 miles Edd Schandt 01d 121 6 1 1 1 25 miles most do. Layne-Texas Co. 48 133 1 mile W. E. Smith 1,771 54 1 1 1 2 miles morthwest William Knopp Krauss 1896 1,793 65 6 0.5 135 do. do. Chas. Leyendecker 1912 1,789 66 6 1 1 1 1 1 1 1 1 1 1 1 1 1	7.70		T-b- 9-2134		014			7.0	<u> </u>
131 3 miles John Phillips Otto Usener 101 6 1	130		John Schlandt		OTa			36	
132 25 miles Edd Schandt Old 121 6 1 9/1328 do. Layne-Texas Co. 48 133 1 mile W. E. Smith 1,771 54 1 134 2 miles William Knopp Krauss 1898 1,793 65 6 0.5 135 do. do. Chas. Leyendecker 1912 1,789 66 6 1 136 4 miles Richard Stehling Stehling 1,864 49 36 137 4 miles Henry Arhelger 1910 160 6 0 138 do. Arthur Itz Old 36 36 4 139 3½ miles Henry Arhelger Old 36 36 4 139 3½ miles Palo Alto School Old 53 6 0.5 141 3 miles Palo Alto School Old 53 6 0.5 142 2½ miles Alfred Kordzlek Old 137 6 1 143 2 miles Alfred Henke Adolph Usener 1911 1,793 146 6 0.5 144 do. Herman Schmidt 1,713 23 72 0 145 1½ miles Ed Leifeste Leyendecker 1,726 59 6 1 146 2 miles Fritz Langhan Old 196 8 0.5 147 do. Mrs. Alfred Lehue Leyendecker 1920 236 6 1 148 1½ miles Chas. Klaerner Old 24 36 3 148 1½ miles Chas. Klaerner Old 24 36 3 148 1½ miles Chas. Klaerner Old 24 36 3 148 1½ miles Chas. Klaerner Old 24 36 3 149 140 140 140 140 140 140 140 140 140 141 142 142 140 140 140 140 140 140 141 142 143 144 140 140 140 140 140 140 140 142 143 144 140 140 140 140 140 140 140 140 140 143 144 140 140 140 140 140 140 140 140 140 140 140 140 144 140	1721		Tohn Dhilling	Otto Trans			101		1
132 23 miles Edd Schandt Old 121 6 1	ŦĐT	}	John Phillips	Otto Usener			101	0	<u> </u>
e/132a do.	170		Edd Cahandt		073		7.07		1
E/1328 do. Layne-Texas Co. 48	102	, ~	Edd Schandt		010		127		<u> </u>
133	0/1/200		 	Termo Morse Co		_	10	<u> </u>	
134 2 miles William Knopp Krauss 1898 1,793 63 6 0.5 135 do. do. Chas. Leyendecker 1912 1,789 66 6 1 136 4 miles Richard Stehling Stehling 1,864 49 36 137 4 miles Henry Arhelger 1910 160 6 0 138 do. Arthur Itz 01d 36 36 4 139 3½ miles Itz Chas. Itz 49 60 1 140 4 miles Palo Alto School 01d 53 6 0.5 141 3 miles Henry Franz 01d 1,665 51 6 C.2 142 2½ miles Alfred Kordziek 01d 137 6 1 143 2 miles Alfred Henke Adolph Usener 1911 1,793 146 6 C.5 144 do. Herman Schmidt 1,713 23 72 0 145 1½ miles Ed Leifeste Leyendecker 1,726 59 6 1 147 do. Mrs. Alfred Lehue Leyendecker 1920 236 6 1 148 1½ miles Chas. Klaerner 01d 24 36 3 148 1½ miles Chas. Klaerner 01d 24 36 3 148 1½ miles Chas. Klaerner 01d 24 36 3 148 1½ miles Chas. Klaerner 01d 24 36 3 148 1½ miles Chas. Klaerner 01d 24 36 3 149 149 149 149 149 149 149 149 149 149 140 140 140 140 140 140 140 140 140 140 141 1	e/ Tora	ao.		Layne-Texas CO.			40		
134 2 miles William Knopp Krauss 1898 1,793 63 6 0.5 135 do. do. Chas. Leyendecker 1912 1,789 66 6 1 136 4 miles Richard Stehling Stehling 1,864 49 36 137 4 miles Henry Arhelger 1910 160 6 0 138 do. Arthur Itz 01d 36 36 4 139 3½ miles Itz Chas. Itz 49 60 1 140 4 miles Palo Alto School 01d 53 6 0.5 141 3 miles Henry Franz 01d 1,665 51 6 C.2 142 2½ miles Alfred Kordziek 01d 137 6 1 143 2 miles Alfred Henke Adolph Usener 1911 1,793 146 6 C.5 144 do. Herman Schmidt 1,713 23 72 0 145 1½ miles Ed Leifeste Leyendecker 1,726 59 6 1 147 do. Mrs. Alfred Lehue Leyendecker 1920 236 6 1 148 1½ miles Chas. Klaerner 01d 24 36 3 148 1½ miles Chas. Klaerner 01d 24 36 3 148 1½ miles Chas. Klaerner 01d 24 36 3 148 1½ miles Chas. Klaerner 01d 24 36 3 148 1½ miles Chas. Klaerner 01d 24 36 3 149 149 149 149 149 149 149 149 149 149 140 140 140 140 140 140 140 140 140 140 141 1	122	1 milo	W F Cmi+h		<u> </u>	ומים ו	54		1
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135 do. do. Chas. Leyendecker 1912 1,789 66 6 1 136 4 miles Richard Stehling Stehling 1,864 49 36 137 4 miles Henry Arhelger 1910 160 6 0 138 do. Arthur Itz Old 36 36 4 139 3½ miles Itz Chas. Itz 49 60 1 140 4 miles Palo Alto School Old 53 6 0.5 141 3 miles Henry Franz Old 1,665 51 6 0.2 142 2½ miles Alfred Kordziek Old 137 6 1 143 2 miles Alfred Henke Adolph Usener 1911 1,793 146 6 0.5 144 do. Herman Schmidt 1,713 23 72 0 145 1½ miles Ed Leifeste Leyendecker 1,726 59 6 1 146 2 miles Fritz Langhan Old 196 8 0.5 147 do. Mrs. Alfred Lehue Leyendecker 1920 236 6 1 148 1½ miles Chas. Klaerner Old 24 36 3 168 1½ miles Chas. Klaerner Old 24 36 3 169 17 180 180 180 180 180 180 180 17 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 181 182 miles Chas. Klaerner Old 24 36 3 181 182 miles Chas. Klaerner Old 24 36 3 181 182 miles Chas. Klaerner Old 24 36 3 181 182 miles Chas. Klaerner Old 24 36 3 182 miles Chas. Klaerner Old 24 36 3	134		William Knonn	Kranes	1898	1 793	63	6	0.5
135 do. do. Chas. Leyendecker 1912 1,789 66 6 1 136 4 miles Richard Stehling Stehling 1,864 49 36 137 4 miles Henry Arhelger 1910 160 6 0 138 do. Arthur Itz 01d 36 36 4 139 3½ miles Itz Chas. Itz 49 60 1 140 4 miles Palo Alto School 01d 53 6 0.5 141 3 miles Henry Franz 01d 1,665 51 6 0.2 142 2½ miles Alfred Kordziek 01d 137 6 1 143 2 miles Alfred Henke Adolph Usener 1911 1,793 146 6 0.5 144 do. Herman Schmidt 1,713 23 72 0 145 1½ miles Ed Leifeste Leyendecker 1,726 59 6 1 146 2 miles Fritz Langhan 01d 196 8 0.5 147 do. Mrs. Alfred Lehue Leyendecker 1920 236 6 1 148 1½ miles Chas. Klaerner 01d 24 36 3 148 1½ miles Chas. Klaerner 01d 24 36 3 148 1½ miles Chas. Klaerner 01d 24 36 3 148 1½ miles Chas. Klaerner 01d 24 36 3	704		1	Mauss	10.00	1,750			0.0
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Northwest Henry Arhelger 1910 160 6 0 138 do. Arthur Itz Old 36 36 4 139 3½ miles Itz Chas. Itz 49 60 1 140 4 miles Palo Alto School Old 53 6 0.5 141 3 miles Henry Franz Old 1,665 51 6 0.2 142 2½ miles Alfred Kordziek Old 137 6 1 143 2 miles Alfred Henke Adolph Usener 1911 1,793 146 6 0.5 144 do. Herman Schmidt 1,713 23 72 0 145 1½ miles Ed Leifeste Leyendecker 1,726 59 6 1 146 2 miles Fritz Langhan Old 196 8 0.5 147 do. Mrs. Alfred Lehue Leyendecker 1920 236 6 1 148 1½ miles Chas. Klaerner Old 24 36 3 148 1½ miles Chas. Klaerner Old 24 36 3 148 1½ miles Chas. Klaerner Old 24 36 3 148 1½ miles Chas. Klaerner Old 24 36 3 148 1½ miles Chas. Klaerner Old 24 36 3	100	40.	1	Ondb. Dey ond conor	1222	1,700		Ŭ	_
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North Chrome Tannery 140 4 miles Palo Alto School 0ld 53 6 0.5									
North Chrome Tannery 140 4 miles Palo Alto School 0ld 53 6 0.5	139	35 miles	Itz	Chas. Itz			49	6 0	1
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North 141 3 miles Henry Franz Old 1,665 51 6 O.2	140				Old		53	6	0.5
142 2½ miles Alfred Kordziek Old 137 6 1		north							
northeast 142 2½ miles Alfred Kordziek 01d 137 6 1	141	3 miles	Henry Franz		Old	1,665	51	6	0.2
east		northeast				-			
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144 do. Herman Schmidt 1,713 23 72 0		east							
144 do. Herman Schmidt 1,713 23 72 0 145 l½ miles northeast Ed Leifeste Leyendecker 1,726 59 6 1 146 2 miles northeast Fritz Langhan 0ld 196 8 0.5 147 do. Mrs. Alfred Lehue Leyendecker 1920 236 6 1 148 l¾ miles north Chas. Klaerner Old 24 36 3	143	2 miles	Alfred Henke	Adolph Us en er	1911	1,793	146	6	0.5
145 l½ miles northeast Ed Leifeste Leyendecker 1,726 59 6 1 146 2 miles northeast Fritz Langhan 01d 196 8 C.5 147 do. Mrs. Alfred Lehue Leyendecker 1920 236 6 1 148 1½ miles north Chas. Klaerner 01d 24 36 3		northeast							
northeast	144	do.	Herman Schmidt			1,713	23	72	0
northeast									
146 2 miles northeast Fritz Langhan Old 196 8 C.5 147 do. Mrs. Alfred Lehue Leyendecker 1920 236 6 1 148 13/4 miles north Chas. Klaerner Old 24 36 3	145		1	Leyendecker		1,726	59	6	1
northeast	***************************************					M			
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north	147	do.	Mrs. Alfred Lehue	Leyendecker	1920		236	6	1
north									
	148		Chas. Klaerner	****	01 d		24	36	3
143 do. Louis Renn 1926 174 6 1			T - 112 T 3		1000				1
	143	₫0•	Louis Kenn	~-	TASP		174	ь	<u> </u>

-12Flosen Shield . Project Superintendent

No. Depth Date of Depth Date of Selow measure earl of (feet)				Elg	ean Shi	eld , Project Superintendent
below measure— and of measure— ment power water ing point c/ d/ (feet) 123 43.5 do. C.W D. Concrete block curb; 6 inch galvanized iron casing. Never fails. Nator reported from sand. 124 140 Mar. 12, C.W D.S Stone block curb; 6 inch galvanized iron casing. Never fails. Limestone at surface. Water reported Concrete block curb. Can not be gumped [From sand.] 125 86.5 do. C.W D.S Stone block curb. Can not be gumped [From sand.] 126 31.5 Feb. 19, C.W D. Located on creek bank. 6 inch galvanized iron land. dry with 3 horsepower engine. Taker reported from sand. Greek curb. 6 inch galvanized from land. Casing. Surface formation is clay. 127 33.8 do. C.H D. Dug well. Rock curb and casing. Make supply. Surface formation is clay. Water reported from red sand. Nover fails. 128 C.W D. School Concrete block curb; 6 inch galvanized from casing. Nover fails. 139 C.W D. Well drilled mear creek. Water reported from sand. Nover fails. 130 87.8 Mar. 12, C.W D. Dug well. Wood curb; 6 inch galvanized iron casing. Nover fails. 131 89.3 do. C.H D. Wood surb; 6 inch galvanized iron casing. Nover fails. 132 105 do. C.W D. Stone block curb; 6 inch galvanized iron casing. Nover fails. Clay at surface. Nover fails. Nover fails. 133 125 do. C.W D. Stone block curb; 6 inch galvanized iron casing. Nover fails. Clay at surface. Nover fails. Clay at surface. Nover fails. Stone block curb; 6 inch galvanized iron casing. Nover fails. Clay at surface. Nover fails. Good quality. Clear water reported from sand. 134 29.2 Apr. 16, C.W D. Stone block curb; 6 inch galvanized iron casing. Nover fails. Stone block curb; 6 inch galvanized iron casing. Nover fails. Water reported from sand. 135 36.5 do. C.W D. Stone block curb; 6 inch galvanized casing. Water reported from sand. 136 30.5 do. C.W D. Stone block curb; 6 inch galvanized iron casing. Nover fails. Water reported from sand. 137 49.2 Apr. 16, C.W D. Stone curb; 6 inch galvanized casing. Strong supply. March reported from sand. 138 43 do. C.H D. Concrete block curb; 6 inch gal						
messur ment power water ing point (feet) 123 43.5 do. C.W D. Concrete block curb; 6 inch galvanized iron casing. Never foils. Meter reported from sand. 124 140 Mar. 12, C.W D.S Concrete block curb; 6 inch galvanized iron casing. 125 86.6 do. C.W D.S Concrete block curb; 6 inch galvanized iron casing. 126 83.5 Feb. 19, C.W D. Concrete block curb; 6 inch galvanized iron casing. 127 33.8 do. C.W D.S Concrete block curb; 6 inch galvanized iron casing. 128 33.9 do. C.W D. D. Locatod on creak bank. 8 inch galvanized iron casing. 129 C.W D. Concrete block curb; 6 inch galvanized iron casing. 120 87.8 Mar. 12, C.W D. Dug well. Rock curb; 8 inch galvanized from red sand. 130 87.8 Mar. 12, C.W D. Dug well. Nock curb; 6 inch galvanized iron casing. 131 89.3 do. C.H D. Wood block curb; 6 inch galvanized iron casing. 132 105 do. C.W D. Stone block curb; 6 inch galvanized iron casing. 132 105 do. C.W D. Stone block curb; 6 inch galvanized iron casing. 133 81 None D. Stone block curb; 8 inch galvanized iron casing. 134 12 - None N. Stone block curb; 8 inch galvanized iron casing. 135 12 - None N. Stone block curb; 8 inch galvanized iron casing. 136 137 52.5 Feb. 28, C.W D. Dug well. Nood curb; 10 inch gand. Novor fails. 137 138 139 40. C.W D. Stone block curb; 6 inch galvanized iron casing. 138 10 - None N. Stone block curb; 8 inch galvanized iron casing. 139 130 52.5 Feb. 28, C.W D. Dug well. Nood curb. Never fails. Good quality, 139 130 60. C.W D. Stone block curb, 10 inch galvanized iron casing. 139 130 60. C.W D. Stone block curb; 10 inch galvanized iron casing. 139 130 60. C.W D. Stone block curb; 10 inch galvanized iron casing. 130 131 632 633 60. C.W D. Stone block curb; 10 inch galvanized iron casing. 130 131 632 633 60. C.W D. Stone block curb; 10 inch galvanized iron casing. 139 130 130 60. C.W D. Stone block curb; 10 inch galvanized casing. Nater reported from sand. 130 131 632 633 60. C.W D. Stone block curb; 10 inch galvanized casing. Stone curb; 10 inch galvanized casing. Stone ga	No.				,	Remarks
Ing point Comment Co		below	measure-	and		
(feet) 123 43.5 do. C.W D Concrete block curb; 6 inch galvanized iron casing. Nover fails. Water reported from sand. 124 140 Mar. 12, C.W D, Stone block curb; 6 inch galvanized iron casing. 125 66.5 do. C.W D, Stone block curb. Can not be pumped [from sand. dry with 5 horsepower engile. Water reported from sand. 11936 126 31.5 Feb. 19, C.W D Located on creak bank. 6 inch galvanized iron gashing. 11936 127 33.8 do. C.H D Dug woll. Rock curb and casing. Water reported from sand. 128 39.7 do. C.W D Concrete block curb; 6 inch galvanized iron casing. Never fails. 128 39.7 do. C.W D Well drilled near creek. Water reported from sand. Never fails. 129 C.W D Well drilled near creek. Water reported from sand. Never fails. 130 87.8 Mar. 12, C.W D Dug woll. Wood curb; rock casing. Surface formation 1936 131 89.3 do. C.H D Wood block curb; 6 inch galvanized iron casing. Never fails. 132 106 do. C.W D Stone block curb; 6 inch galvanized iron casing. Never fails. 133 107 Wood curb. Never fails. Sten reported from sand. Never fails. 134 195		1		power	\$. ·	
Greet Gree		1		<u>c/</u>	<u>d</u> /	
Never foils. Water reported from sand. 125 140 Ner. 12, C.W D.S Stone block curb; 6 inch galvenized from casing. 126 86.5 do. C.W D.S Concrete block curb; 6 inch galvenized from sand. 127 33.6 do. C.W D. Located on creek bank. 6 inch galvenized from sand. 128 33.7 do. C.W D. Located on creek bank. 6 inch galvenized iron] sand. 129 33.8 do. C.H D. Dug well. Rock curb and cesing. Weat supply. Surface formation is clay. 129 D. Dug well. Rock curb and cesing. Weat supply. Surface formation is clay. 129 D. Dug well. Rock curb and cesing. Weat supply. Surface formation is clay. 129 D. Dug well. Rock curb; 6 inch galvenized iron cesing. Never feals. 129 D. D. Well drilled near creek. Water reported from sand. Never feals. 130 87.8 Mar. 12, C.W D. Dug well. Wood curb; rock cesing. Surface formation is clay. 131 89.3 do. C.H D. Weal drilled near creek. Water reported from sand. Never feals. 132 105 do. C.W D. Stone block curb; 6 inch galvanized iron casing. Water reported from rod sand, Never feals. 132 105 do. C.W D. Stone block curb; 6 inch galvanized iron casing. Water reported from rod sand. Never feals. 133 Sz.5 Feb. 22, C.W D. Dug well. No. 7. Coarse sand from 16 to 24 Leand. fest. Reported slittude, 1,700 feet. See Log. 134 39.9 do. C.W D. Stone block curb; 6 inch galvanized iron casing. Never feals. Water reported from sand. 135 36.5 do. C.W D. Stone block curb; 6 inch galvanized iron casing. Never feals. Water reported from sand. 136 38.5 do. C.W D. Dug well. Rood curb. Never feals. Water reported from sand. 137 49.2 Mpr. 16, C.W D. Dug well. Rood curb; rock casing. Never feals. Water reported from sand. 138 31 Mpr. 11, C.W D. Dug well. Rood curb; rock casing. Reported casing. Never feals. Water reported from sand. 149 1936 Stone curb; 6 inch galvanized casing. Water reported from sand. 140 19.4 Mpr. 10, C.W D. Stone curb; 6 inch galvanized casi						
124 140 Nar. 12, C.W D.S Stone block curb; 6 inch galvanized from casing. Never fails. Linestone at surface. Water reported 125 85.5 do. C.W D.S Concrete block curb. Can not be pumped from send. dry with 3 toreprower engine. Tater reported from send. 1956 1956 Located on creek bank. Sinch galvanized iron sand. 1956 Located on creek bank. Sinch galvanized iron sand. 1956 Located on creek bank. Sinch galvanized iron sand. 1956 Located on creek bank. Sinch galvanized iron sand. 1958 Mar. 12, C.W D. Day well. Rock curb and casing. News fails. 1956 Located on creek bank. Sinch galvanized iron casing. 1956 News fails. 1956 News fails. 1956 Located on creek water reported from sand. News fails. 1956 Located on creek. Water reported from sand. News fails. 1956 Located on creek. Water reported from sand. News fails. 1956 Located on creek. Water reported from sand. News fails. 1956 Located from the sand. News fails. 1956 Located from red sand. 1956 Located from red sand. 1956 Located from sand. 1956	123	43.5	do.	C,W	D	
1956 Never fails. Limestone at surface. Water reported 126 36.5 do. C.W D.S Concrete block curb. Can not be pumped from sand. dry with 3 horsepower engine. Exter reported from sand. 1956 1956 Consiste on creek bank. S inch galvanized iron sand. 1956 Consiste on creek bank. S inch galvanized iron sand. 128 39.7 do. C.H D Dug well. Rock curb and cesing. Week supply. Surface formetion is clay. Water reported from red sand. 128 39.7 do. C.T. D Concrete block curb; S inch galvanized iron casing. Never fails. Never fai			<u> </u>			
125 86.5 do. C.W D.S Concrete block curt. Can not be pumped from sand. 126 31.5 Feb. 19, C.W D Located on creek bank. 6 inch galvanized iron sand. 127 33.6 do. G.H D Dug well. Rock curb and cessing. Week supply. Surface formation is clay. Water reported from red sand. 128 39.7 do. C.W D Concrete block curt; 6 inch galvanized iron casing. Never fails.	124	140		С, Ж	D,S	
			 			
23 5 Feb. 19, C.W D Located on creek bank. S inch galvanized iron sand. casing. Surface formation is clay.	125	86.5	do.	C,W	D,S]
cesing, Surface formation is clay. 33.8 do. C,H D Dug well. Rock curb end cesing. Weak supply. Surface formation is clay. Water reported from red sand. 128 38.7 do. C,N D Concrete block curb; 6 inch galvanized iron casing. Never fails. 129 C,W D Well drilled near crock. Water reported from sand. Never fails. 130 87.8 Mar. 12, C,W D Dug well. Wood curb; rock casing. Surface formation in May Never fails. 131 89.3 do. C,H D Wood block curb; 6 inch galvanized iron casing. Water reported from red sand. Nover fails. 132 105 do. C,W D Stone block curb; 6 inch galvanized iron casing. Never fails. Clay at surface. Water reported from red sand. Nover fails. 132 105 do. C,W D Dug well. Wood curb. Never fails. 133 52.5 Feb. 28, C,W D Dug well. Wood curb. Never fails. Good quality, clear water reported. 134 39.9 do. C,W D Stone block curb; 6 inch galvanized iron casing. Never fails. Water reported from sand. 135 36.5 do. C,W D Stone block curb; 6 inch galvanized iron casing. Never fails. Water reported from sand. 136 38.5 do. C,W D Stone block curb; 6 inch galvanized iron casing. Never fails. Water reported from sand. 137 49. Apr. 16, C,W D Never fails. Water reported from sand. 138 31 Apr. 11, C,W D Dug well. Concrete block curb; rock casing. Never fails. Water reported from sand. 139 43 do. C,7, D Dug well. Wood curb; rock casing. Preported from sand. 139 43 do. C,7, D Dug well. Wood curb; rock casing. Reported apacitic fails. Water reported from sand. 139 40 C,7, D Dug well. Wood curb; rock casing. Strong supply. Water reported from sand. 140 28.3 do. C,H S Concrete block curb; 6 inch galvanized casing. Strong supply. Water reported from sand. 141 19.1 Apr. 10, C,W D,S Stone curb; 6 inch galvanized casing. Water reported from sand. 142 108.7 Apr. 8, C,- D Stone curb; 6 inch galvanized casing. Water reported from sand. 144 14.5 do. None S Dug well. Rock casing. Never fails. Strong supply. Water reported from sand. 145 181.7 Apr. 10, C,W D,S Stone curb; 6 inch galvanized casing. Water reported fr	-					
128 33.8 do. C,H D Dug well. Rock curb and cesing. Wesk supply. Surface formation is clay. Water reported from red sand.	126	31.5		C,W	D	
formation is cley. Water reported from red sand. Concrete block curb; 6 inch galvanized iron casing. Never fails. 129 C,W D Well drilled near creek. Water reported from sand. Never fails. 130 87.8 Mar. 12, C,W D Dug well. Wood curb; rock casing. Surface formation in lays Never fails. Tater reported from sand. 131 89.3 do. C,H D Wood block curb; 6 ich galvanized iron casing. Water reported from red sand. Never fails. 132 105 do. C,W D Stone block curb; 6 ich galvanized iron casing. Never fails. Clay at surface. Water reported from sand. Never fails. Clay at surface. Water reported from sand. 133 52.5 Feb. 28, C,W D Dug well. Wood curb. Never fails. Good quality, clear mater reported. 134 39.9 do. C,W D Stone block curb. Never fails. Water reported from sand. 135 36.5 do. C,W D Stone block curb. Never fails. Water reported from sand. 136 38.5 do. C,W D Stone block curb; 6 inch galvanized iron casing. Never fails. Water reported from sand. 137 49.2 Apr. 16, C,W D Dug well. Concrete block curb; rock casing. Never fails. Water reported from sand. 138 31 Apr. 11, C,W D Dug well. Wood curb; rock casing. Drawdown reported. 139 43 do. C,R D Dug well. Wood curb; rock casing. Reported capacity. V. 10 gallons a minute. 140 28.3 do. C,R S Concrete block curb. Located 50 feet from reek bank. 141 19.1 Apr. 10, C,W D,S Stone curb; 6 inch galvanized casing. Strong supply. Water reported from sand. 142 108.7 Apr. 10, C,W Ind Concrete block curb; finch galvanized casing. Strong supply. Water reported from clay. 143 121.7 Apr. 10, C,W Ind Concrete block curb; 6 inch galvanized casing. Strong supply. Water reported from clay. 144 14.5 do. None S Stone curb; 6 inch galvanized casing. Strong supply. Water reported from sand. 145 18.3 Apr. 11, C,W D Concrete block curb; 6 inch galvanized casing. Strong supply. Water reported from clay. 145 38.3 do. C,H D Concrete block curb; 6 inch galvanized fainch casing. Never fails. Water reported from sand. 146 18.3 Apr. 12, C,R S Concrete block curb; galvanized 6					 	
128 33.7 do. C.W D Concrete block curb; 6 inch galvanized iron casing. Never fails.	127	33.8	do.	C,H	D	
Never fails. Never fails. Never fails. Series Surface formation Never fails. Never fails. Series Surface formation Series Series Surface Surface formation Series Seri						
130 87.8 Mar. 12, C, W D Well drilled near creek. Water reported from sand. Never fails. Never fails. Water reported from sand. 130 87.8 Mar. 12, C, W D Dug well. Wood curb; rock casing. Surface formation in play: Never fails. Water reported from sand. 131 89.3 do. C, H D Wood block curb; 6 inch galvanized iron cosing. Water reported from red sand. Never fails. 132 105 do. C, W D Stone block curb; 6 inch galvanized iron casing. Never fails. Clay at surface. Water reported from 18 to 24 heand. feet. Reported altitude, 1,70C feet. See log. 133 52.5 Feb. 28, C, W D Dug well. Wood curb. Never fails. Good quality, Clear mater reported. Clear mater reported from sand. 136 36.5 do. C, W D Stone block curb. Never fails. Water reported from sand. 136 38.5 do. C, W D Dug well. Concrete block curb; rock casing. Never fails. Water reported from sand. 137 49.2 Apr. 16, C, W D Dug well. Wood curb; rock casing. Water reported from sand. 138 31 Apr. 11, C, W D Dug well. Wood curb; rock casing. Drawdown reportation fails. Water reported from sand. 136 36.5 do. C, R D Dug well. Wood curb; rock casing. Drawdown reportation fails. Water reported from sand. 139 43 do. C, R D Dug well. Wood curb; rock casing. Drawdown reportation from sand. 140 28.3 do. C, H D Dug well. Wood curb; rock casing. Drawdown reportation from sand. 141 19.1 Apr. 10, C, W D, S Stone curb; 6 inch galvanized casing. Strong supply. Water reported from sand. 141 19.1 Apr. 10, C, W D, S Stone curb; 6 inch galvanized casing. Strong supply. Water reported from sand. 142 14.5 do. None S Dug well. Rock casing. Never fails. Strong supply. Water reported from sand. Never fails. Water reported from sand. 146 81.3 Apr. 12, C, W D, S Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand.	128	38.7	do.	C,₩	D	
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130 87.8 Mar. 12, C.W D Dug well. Wood curb; rock casing. Surface formation in May. Never fails. Nater reported from sand.	129			C,W	D	Well drilled near creek. Water reported from sand.
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131 89.3 do. C.H D	130	87.8		C,W	D	Dug well. Wood curb; rock casing. Surface formation
Water reported from red sand. Never fails.			1936			
182 106 do. C.W D Stone block curb; 6 inch galvanized iron casing. Nevor fails. Olay at surface. %ter reported from Test well No. 7. Coerse sand from 16 to 24 band. feet Reported altitude, 1,70C feet. See log. 133 52.5 Feb. 28, C.W D Dug well. Wood curb. Never fails. Good quality, clear water reported. 134 39.9 do. C.W D Stone block curb. Never fails. Water reported from sand. 135 36.5 do. C.W D Stone block curb; 6 inch galvanized iron casing. Never fails. Water reported from sand. 136 38.5 do. C.W D Dug well. Wood curb; 100 casing. Never fails. Water reported from sand. 137 49.2 Apr. 16, C.W D Dug well. Wood curb; 100 casing. Water reported from sand. 138 31 Apr. 11, C.W D Dug well. Wood curb; 100 casing. Pawdown reported from sand. 139 43 do. C.7, D Dug well. Wood curb; 100 casing. Reported from sand. 140 28.3 do. C.H S Concrete block curb. Water reported from creek bank. 141 19.1 Apr. 10, C.W D.S Stone curb; 6 inch galvanized casing. Strong supply. Water reported from sand. 142 108.7 Apr. 8, C D Stone curb; 6 inch galvanized casing. Strong supply. Water reported from clay. 143 121.7 Apr. 10, C.W Ind Concrete block curb; 6 inch galvanized casing. Supplies mill. Water reported from clay. 144 14.5 do. None S Dug well. Rook casing. Never fails. Strong supply. 145 36.3 do. C.H D Concrete block curb; 6 inch galvanized casing. Supplies mill. Water reported from sand. 146 81.3 Apr. 12, C.W D. Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 146 81.3 Apr. 12, C.W D. Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 147 109 Apr. 11, C.W D. Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 148 12.5 do. C.W D Dug well. Stone curb; galvanized 6 inch casing. Never fails mill. Water reported fr	131	89.3	do.	C,H	D	Wood block curb; 6 i ch galvanized iron casing.
Never fails. Clay at surface. Water reported from feet. Reported slitting. 1,700 feet. See log.		<u> </u>				
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feet. Reported altitude, 1,70C feet. See log. 133 52.5 Feb. 28, C.W D Dug well. Wood curb. Never fails. Good quality, clear water reported. 134 39.9 do. C.W D Stone block curb. Never fails. Water reported from sand. 135 36.5 do. C.W D Dug well. Concrete block curb; rock casing. Never fails. Water reported from sand. 136 38.5 do. C.W D Dug well. Concrete block curb; rock casing. Never fails. Water reported from sand. 137 49.2 Apr. 16. C.W D Never fails. 6 inch galvanized iron casing. Water reported from sand. 138 31 Apr. 11, C.W D Dug well. Wood curb; rock casing. Drawdown reported 1936 co. C.7, D Dug well. Wood curb; rock casing. Drawdown reported 18 inches in 24 hours. Water reported from sand. 139 43 do. C.7, D Dug well. Wood curb; rock casing. Reported capacity, 10 gallons a minute. 140 28.3 do. C.H S Concrete block curb. Located 50 feet from creek bank. 141 19.1 Apr. 1C, C.W D,S Stone curb; 6 inch galvanized casing. Strong supply. Water reported from sand. 142 108.7 Apr. 8, C D Stone curb; 6 inch galvanized casing. Water reported from sand. 143 121.7 Apr. 10, C.W Ind Concrete block curb; 6 inch galvanized casing. Supplies mill. Water reported from clay. 144 14.5 do. None S Dug well. Rock casing. Never fails. Strong supply. Water reported from clay. 145 38.3 do. C.H D Concrete block curb; 6 inch galvanized 6 inch casing. Never fails. Water reported from sand. 146 81.3 Apr. 12, C.W S Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 147 109 Apr. 11, C.W D,I Concrete block curb; galvanized 6 inch casing. Never fails. Suppreted from sand. 148 12.5 do. C.W D Dug well. Stone curb; rock casing. Never fails. Suppreted from sand. 149 83 Apr. 16, C.W D,S,I Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand.						
133 52.5 Feb. 28, C,W D Dug well. Wood curb. Never fails. Good quality, clear water reported. 134 39.9 do. C,W D Stone block curb. Never fails. Water reported from sand. 135 36.5 do. C,W D Stone block curb; 6 inch galvanized iron casing. Never fails. Water reported from sand. 136 38.5 do. C,W D Dug well. Concrete block curb; rock casing. Never fails. Water reported from sand. 137 49.2 Apr. 16. C,W D Dug well. Concrete block curb; rock casing. Never fails. Water reported from sand. 138 31 Apr. 11, C,W D Dug well. Wood curb; rock casing. Drawdown reported 1936 concrete block curb; rock casing. Drawdown reported 1936 do. C,R, D Dug well. Wood curb; rock casing. Reported capacity, 10 gallons a minute. 140 28.3 do. C,H S Concrete block curb. Located 50 feet from creek bank. 141 19.1 Apr. 1C, C,W D,S Stone curb; 6 inch galvanized casing. Strong supply. Water reported from sand. 142 108.7 Apr. 8, C,- D Stone curb; 6 inch galvanized casing. Water reported from sand. 143 121.7 Apr. 10, C,W Ind Concrete block curb; 6 inch galvanized casing. Supply. Water reported from clay. 144 14.5 do. None S Dug well. Nock casing. Never fails. Strong supply. Water reported from clay. 145 38.3 do. C,H D Concrete block curb; 6 inch galvanized casing. Supply. Water reported from clay. 146 81.3 Apr. 12, C,N S Concrete block curb; 8 inch steel casing. Water reported from sand. 146 81.3 Apr. 12, C,N S Concrete block curb; 8 inch steel casing. Water reported from sand. 146 81.3 Apr. 12, C,N S Concrete block curb; 8 inch steel casing. Water reported from sand. 147 109 Apr. 11, C,W D,I Concrete block curb; 8 inch steel casing. Never fails. Supples mill. Water reported from sand. 147 109 Apr. 11, C,W D,I Concrete block curb; 9 alvanized 6 inch casing. Never fails. Supples mill. Water reported from sand. 148 12.5 do. C,W D,S,I Concrete block curb; 9 alvanized 6 inch casing. Never fails. Supples mill. Water reported from sand.	32 a	21		None	N	Test well No. 7. Coarse sand from 16 to 24 . tsand.
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reported from sand. 138	2	1000	<u></u> .			
138 31 Apr. 11, C.W D Dug well. Wood curb; rock casing. Drawdown reported 1936 do. C.G. D Dug well. Wood curb; rock casing. Reported from sand. 139 43 do. C.G. D Dug well. Wood curb; rock casing. Reported capacity, 10 gallons a minute. 140 28.3 do. C.H S Concrete block curb. Located 50 feet from creek bank. 141 19.1 Apr. 1C, C.W D.S Stone curb; 6 inch galvanized casing. Strong supply. Water reported from sand. 142 108.7 Apr. 8, C. D Stone curb; 6 inch galvanized casing. Water reported from sand. 143 121.7 Apr. 10, C.W Ind Concrete block curb; 6 inch galvanized casing. Supplies mill. Water reported from clay. 144 14.5 do. None S Dug well. Rock casing. Never fails. Strong supply. Water reported from clay. 145 38.3 do. C.H D Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 146 81.3 Apr. 12, C.W S Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 147 109 Apr. 11, C.W D.I Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 148 12.5 do. C.W D.S.I Concrete block curb; galvanized 6 inch casing. Never fails. Supplies mill. Water reported from sand. 149 83 Apr. 16, C.W D.S.I Concrete block curb; galvanized 6 inch casing. Never fails. Never fails. Never fails. Supplies mill. Water reported from sand. 149 83 Apr. 16, C.W D.S.I Concrete block curb; galvanized 6 inch casing. Never fails. Never f	137			C , W	D	
1936 ed 18 inches in 24 hours. Water reported from sand. 139 43 do. C.7. D Dug well. Wood curb; rock casing. Reported capacity, 10 gallons a minute. 140 28.3 do. C.H S Concrete block curb. Located 50 feet from creek bank. 141 19.1 Apr. 1C, C.W D.S Stone curb; 6 inch galvanized casing. Strong supply. Water reported from sand. 142 108.7 Apr. 8, C D Stone curb; 6 inch galvanized casing. Water reported from sand. 143 121.7 Apr. 10, C.W Ind Concrete block curb; 6 inch galvanized casing. Supplies mill. Water reported from clay. 144 14.5 do. None S Dug well. Rock casing. Never fails. Strong supply. Water reported from clay. 145 38.3 do. C.H D Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 146 81.3 Apr. 12, C.W S Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 147 109 Apr. 11, C.W D.J Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 148 12.5 do. C.W D.J Concrete block curb; palvanized 6 inch casing. Never fails. Water reported from sand. 149 83 Apr. 16, C.W D.S.J Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand.			A			
139 43 dc. C,G, D Dug well. Wood curb; rock casing. Reported capacity, 10 gallons a minute. 140 28.3 do. C,H S Concrete block curb. Located 50 feet from creek bank. 141 19.1 Apr. 1C, C,W D,S Stone curb; 6 inch galvanized casing. Strong supply. Water reported from sand. 142 108.7 Apr. 8, C,- D Stone curb; 6 inch galvanized casing. Water reported from sand. 143 121.7 Apr. 10, C,W Ind Concrete block curb; 6 inch galvanized casing. Supplies mill. Water reported from clay. 144 14.5 do. None S Dug well. Rock casing. Never fails. Strong supply. Water reported from clay. 145 38.3 do. C,H D Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 146 81.3 Apr. 12, C,W S Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 147 109 Apr. 11, C,W D,I Concrete block curb; galvanized 6 inch casing. Never fails. Weter reported from sand. 148 12.5 do. C,W D Dug well. Stone curb; rock casing. Never fails. Supplies mill. Water reported from sand. 149 83 Apr. 16, C,W D,S,I Concrete block curb; galvanized 6 inch casing. Never fails. Never fails. Water reported from sand.	138	31		C,W	D	
ty, 10 gallons a minute. 140 28.3 do. C.H S Concrete block curb. Located 50 feet from creek bank. 141 19.1 Apr. 1C, C.W D.S Stone curb; 6 inch galvanized casing. Strong supply. Water reported from sand. 142 108.7 Apr. 8, C D Stone curb; 6 inch galvanized casing. Water reported from sand. 143 121.7 Apr. 10, C.W Ind Concrete block curb; 6 inch galvanized casing. Supplies mill. Water reported from clay. 144 14.5 do. None S Dug well. Rock casing. Never fails. Strong supply. Water reported from clay. 145 38.3 do. C.H D Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 146 81.3 Apr. 12, C.W S Concrete block curb; 8 inch steel casing. Water reported from sand. 147 109 Apr. 11, C.W D.I Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 148 12.5 do. C.W D Dug well. Stone curb; rock casing. Never fails. Supplies mill. Water reported from sand. 149 83 Apr. 16, C.W D.S.I Concrete block curb; galvanized 6 inch casing. Never fails. Never fails. Supplies mill. Water reported from sand.	3.50					
140 28.3 do. C,H S Concrete block curb. Located 50 feet from creek bank. 141 19.1 Apr. 1C, C,W D,S Stone curb; 6 inch galvanized casing. Strong supply. Water reported from sand. 142 108.7 Apr. 8, C,- D Stone curb; 6 inch galvanized casing. Water reported from sand. 143 121.7 Apr. 10, C,W Ind Concrete block curb; 6 inch galvanized casing. Supplies mill. Water reported from clay. 144 14.5 do. None S Dug well. Rock casing. Never fails. Strong supply. Water reported from clay. 145 38.3 do. C,H D Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 146 81.3 Apr. 12, C,W S Concrete block curb; 8 inch steel casing. Water reported from sand. 147 109 Apr. 11, C,W D,I Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 148 12.5 do. C,W D Dug well. Stone curb; rock casing. Never fails. Supplies mill. Water reported from sand.	139	43	do.		D	
bank. 141 19.1 Apr. 1C, C,W D,S Stone curb; 6 inch galvanized casing. Strong supply. Water reported from sand. 142 108.7 Apr. 8, C,- D Stone curb; 6 inch galvanized casing. Water reported from sand. 143 121.7 Apr. 10, C,W Ind Concrete block curb; 6 inch galvanized casing. Supplies mill. Water reported from clay. 144 14.5 do. None S Dug well. Rock casing. Never fails. Strong supply. Water reported from clay. 145 38.3 do. C,H D Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 146 81.3 Apr. 12, C,W S Concrete block curb; 8 inch steel casing. Water reported from sand. 147 109 Apr. 11, C,W D,I Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 148 12.5 do. C,W D Dug well. Stone curb; rock casing. Never fails. Supplies mill. Water reported from sand.	-			<u>lā</u>		
141 19.1 Apr. 1C, C,W D,S Stone curb; 6 inch galvanized casing. Strong supply. Water reported from sand. 142 108.7 Apr. 8, C,- D Stone curb; 6 inch galvanized casing. Water reported from sand. 143 121.7 Apr. 10, C,W Ind Concrete block curb; 6 inch galvanized casing. Supplies mill. Water reported from clay. 144 14.5 do. None S Dug well. Rock casing. Never fails. Strong supply. Water reported from clay. 145 38.3 do. C,H D Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 146 81.3 Apr. 12, C,W S Concrete block curb; 8 inch steel casing. Water reported from sand. 147 109 Apr. 11, C,W D,I Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 148 12.5 do. C,W D Dug well. Stone curb; rock casing. Never fails. Supplies mill. Water reported from sand.	140	28.3	do.	C,H	S	
1936 supply. Water reported from sand. 142 108.7 Apr. 8, C,- D Stone curb; 6 inch galvanized casing. Water report- 1936 ed from sand. 143 121.7 Apr. 10, C,W Ind Concrete block curb; 6 inch galvanized casing. Sup- 1936 plies mill. Water reported from clay. 144 14.5 do. None S Dug well. Rock casing. Never fails. Strong supply. Water reported from clay. 145 38.3 do. C,H D Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 146 81.3 Apr. 12, C,W S Concrete block curb; 8 inch steel casing. Water re- 1936 ported from sand. 147 109 Apr. 11, C,W D,I Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 148 12.5 do. C,W D Dug well. Stone curb; rock casing. Never fails. Su- plies mill. Water reported from sand. 149 83 Apr. 16, C,W D,S,I Concrete block curb; galvanized 6 inch casing. Never						
142 108.7 Apr. 8, C,- 1936	141	19.1		C,W	D,S	
1936 ed from sand. 143	7.40	100 =				
143 121.7 Apr. 10, C,W Ind Concrete block curb; 6 inch galvanized casing. Supplies mill. Water reported from clay. 144 14.5 do. None S Dug well. Rock casing. Never fails. Strong supply. Water reported from clay. 145 38.3 do. C,H D Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 146 81.3 Apr. 12, C,W S Concrete block curb; 8 inch steel casing. Water reported from sand. 147 109 Apr. 11, C,W D,I Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 148 12.5 do. C,W D Dug well. Stone curb; rock casing. Never fails. Supplies mill. Water reported from sand. 149 83 Apr. 16, C,W D,S,I Concrete block curb; galvanized 6 inch casing. Never	142	108.4		С,-	D	
plies mill. Water reported from clay. 144	3.40	3.03				
144 14.5 do. None S Dug well. Rock casing. Never fails. Strong supply. Water reported from clay. 145 38.3 do. C,H D Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 146 81.3 Apr. 12, C,W S Concrete block curb; 8 inch steel casing. Water reported from sand. 147 109 Apr. 11, C,W D,I Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 148 12.5 do. C,W D Dug well. Stone curb; rock casing. Never fails. Supplies mill. Water reported from sand. 149 83 Apr. 16, C,W D,S,I Concrete block curb; galvanized 6 inch casing. Never	143	121.7		C,W	Ind	
Water reported from clay. 145 38.3 do. C,H D Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 146 81.3 Apr. 12, C,W S Concrete block curb; 8 inch steel casing. Water reported from sand. 147 109 Apr. 11, C,W D,I Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 148 12.5 do. C,W D Dug well. Stone curb; rock casing. Never fails. Supplies mill. Water reported from sand. 149 83 Apr. 16, C,W D,S,I Concrete block curb; galvanized 6 inch casing. Never						plies mill. Water reported from clay.
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Never fails. Water reported from sand. 146 81.3 Apr. 12, C,W S Concrete block curb; 8 inch steel casing. Water reported from sand. 147 109 Apr. 11, C,W D,I Concrete block curb; galvanized 6 inch casing. 148 12.5 do. C,W D Dug well. Stone curb; rock casing. Never fails. Supplies mill. Water reported from sand. 149 83 Apr. 16, C,W D,S,I Concrete block curb; galvanized 6 inch casing. Never						
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1936 ported from sand. 147 109 Apr. 11, C,W D,I Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 148 12.5 do. C,W D Dug well. Stone curb; rock casing. Never fails. Supplies mill. Water reported from sand. 149 83 Apr. 16, C,W D,S,I Concrete block curb; galvanized 6 inch casing. Never						Never fails. Water reported from sand.
147 109 Apr. 11, C,W D,I Concrete block curb; galvanized 6 inch casing. Never fails. Water reported from sand. 148 12.5 do. C,W D Dug well. Stone curb; rock casing. Never fails. Supplies mill. Water reported from sand. 149 83 Apr. 16, C,W D,S,I Concrete block curb; galvanized 6 inch casing. Never	146			C,W	S	
Never fails. Water reported from sand. 148 12.5 do. C.W D Dug well. Stone curb; rock casing. Never fails. Supplies mill. Water reported from sand. 149 83 Apr. 16, C.W D.S.I Concrete block curb; galvanized 6 inch casing. Never	3.75					
148 12.5 do. C,W D Dug well. Stone curb; rock casing. Never fails. Supplies mill. Water reported from sand. 149 83 Apr. 16, C,W D,S,I Concrete block curb; galvanized 6 inch casing. Never	147			C,W	D,I	Concrete block curb; galvanized 6 inch casing.
plies mill. Water reported from sand. 149 83 Apr. 16, C,W D,S,I Concrete block curb; galvanized 6 inch casing. Never						
149 83 Apr. 16, C, W D, S, I Concrete block curb; galvanized 6 inch casing. Never	148	12.5	do.	C,W	D	
, -, -, -, -, -, -, -, -, -, -, -, -	7.6					
fails. Reported water from red sand.	149			∪,₩	D,S,I	Concrete block curb; galvanized 6 inch casing. Never
	***	الينسا	TA26			Tails. Reported water from red sand.

-13Records of wells in Gillespie County--Continued
| | Alti-|

	·	Records of Well	s in Gritesbie con	116y				
No.	Distance from Freder- icks- burg	Ow ner	Driller	Date com _r ple- ted	above	Depth of well	Diam- eter of well (in.)	Height of measuring point a-bove ground (ft.)h/
150	la mile north	Gustav Hoff		Old		92	6	1
151	$1\frac{1}{4}$ mile north	Jim Evers	Leyendecker	Old		108	6	1
152		Catholic Cemetery	Ann um	404 403		160	6	0.5
153	do.	W. M. Hitzfeld	Leyendecker		1,699	137	6	0.3
154	do.	Walter Henke		1918		101	6	C•S
155	do.	Mrs. Albert Seelig				60	6	0.2
156	do.	August Doell	Leyendecker			92	6	0.5
157	do.	Emil Schoenewalt			1,714	75	6	0.3
158	d o.	Eugene Schmidt		1926	1,778	72	6	0.5
159	do.	Hugo Wahl	Chas. Leyendecker		1,713	81	6	0.5
160	do.	Mrs. Lewis Bruns				119	6	0.3
161	do.	Louis Koff	Leyendecker		1,718	418	6	0.5
162	do.	Hugo Kallenberg	Bruno Foerster		1,714	125	6	0.1
163	do.	Stein Ice Factory	Krese	1906	1,696	80	6	
164	do.	do.	Chas. Leyendecker	1919	1,697	211	8	1
165	do.	Mrs. Jacob Kraus	Herman Leyendecker			143	6	1
166	do.	Ben Hagel			1,689	104	6	0.5
167	do.	Albert Moellendorf			1,692	29	72	
168	do.	Ernest Wilke, Sr.	Chas. Leyendecker		1,688	48	6	1
169	do.	Turnverein Club			1,699	34	6	0.3
170	do.	Mrs. Cora Habenicht	Chas. Leyendecker		1,698	99	6	0.5
								

Elgean Shield . Project Superintendent

-	···		Elg	ean Sh	ield , Project Superintendent.
	Water	Level			
No.	Depth	Date of	Pump	Use	Remarks
		measure-		of	
	measu				
	ing po			<u>d</u> /	
	(fest)		<u> </u>	<i>≃</i> ⁄	
150	53.9		C,W	D,I	Stone block curb; galvanized 6 inch casing. Strong
±00	00.5	uo.	C, W	$D_{\mathfrak{g}} \perp$	supply. Reported water from sand.
151	51	3.		T) T	Concrete block curb; galvanized 6 inch casing. Never
101	31	do.	С,-	D,I	
100	10.7				fails. Water reported from red sand.
152		Apr. 2,	C,W	I	Stone block curb; galvanized 6 inch casing. Never
	47.8	May 25,			fails. Water reported from sand.
	<u> </u>	1936			
153	1	Feb. 13,	C,W	D	Concrete curb; 130 feet galvanized 6 inch casing.
	41.5	Apr. 2,			Perforated at bottom. Never fails.
		1936			
154	24.5	Feb. 14,	C,W	D,I	Concrete block curb; 6 inch galvanized iron casing.
		1936			Never fails. Water reported from sand.
155	23.3	do.	C,H	D,I	Concrete block curb; 6 inch galvanized iron casing.
			,,	_,_	Never fails. Water reported from red sand.
L56	18.4	đo.	C,W	D,I	Do.
1.00	1	Apr. 2,	,	D,1	
	en T • T	1936	1		
157	F1 5		(7.30)	D	Concrete block curb; d inch galvanized iron casing.
157		Feb. 14,	C,W	ע	-
	20.8	May 25,			Never fails.
		1936			
158	47	do,	C,W	D	Rock curb; 6 inch galvanized casing. Never fails.
	49.2	May 25,			Water reported from sand.
		1936			
159	41.9	Feb. 14,	C,H	D	Mineral taste reported. 6 inch galvanized pipe curb
	45	May 25,		į	and casing.
	_	1936			
160	19.3	Feb. 14,	C,W	I	Concrete block curb; 6 inch galvanized iron casing.
		1936			Never fails.
161	33.3	do.	C,W	D	Concrete block curb; 6 inch galvanized iron casing.
			1		Never fails. Temperature 70°F.
162	32.5	Feb. 14,	C.W	D,I	Concrete block curb; 6 inch palvanized iron casing.
		Apr. 2,			Never fails. Water reported from sand.
		1936			,
163	45	f/	C,E	Ind	Water treated with lime and alum to make ice. Never
100		=/	,,,,	1	fails. Estimated capacity, 12 gallons a minute from
164	25.2	Feb. 13,	C,E,	Ind	Never fails. 8 inch galvanized iron casing sand.
104	2000	1936	1 ' '	1.110	Perforated 100 feet from bottom.
165	25 7	Feb. 14,	2	Tra	Concrete block curb; 6 inch galvanized iron casing
T00	30.3	1	}	Ind	
300	+===	1936	3/4	 	from 97, to 143 feet. Never fails. Reported water
166	2Z.8	Feb. 8,	C,W	D	Concrete block curb; 6 sand from 90 to 14C feet.
	 	1936			inch galvanized iron casing. Never fails. Water re-
167	1	Feb. 7,	None	N	Dug well. Rock casing. Water re- ported from sand.
	25.6	Apr. 2,			ported from sand.
	26.7	May 25,]		
	1_	1936			
168	19.3	Feb. 7,	C,W	D.	Concrete block curb; 6 inch galvanized iron casing.
	-	1936			Nearly fails in drought.
169	23.8	Feb, 13,	C.W	I	Rock curb; 6 inch galvanized iron casing. Never
		Apr. 2,	,"	_	fails. Water reported from sand.
		1936			and the second second
170		Feb. 13,	C W	D,I	Concrete block curb; 6 inch galvanized iron casing.
110	1	Apr. 2,	, w	~,.	Never fails. Water reported from sand.
		1936			Moser rarras waser reborsed rrow same.
****		T200	L	L	

-15-

Records of wells in Gillespie County--Continued Alti-Depth Diam- Height of Date tude Distance Owner Driller No. measuring com- above ofeter from plepoint asea well ٥f Frederbove grolevel (ft.) well ted 'icks≟ und (ft.). (in.) burg 1915 1,701 101 6 0.3 171 In Freder Walter Kolmeier -- Leyendecker icksburg 0.7 6 1,701 101 172 Mrs. do. Henry Schleuter 108 6 0.2 1910 1,692 R. S. Klett 173 do. ---1,695 91 6 0.5 174 do. Dina Priess Est. 82 6 1 175 do. Mrs. Joe Segner 1,686 84 6 ī 176 E. C. Ottens Chas. Leyendecker 1,686 do. 177 1,660 59 6 1 do. do. Cemetery 1,659 e/178 113 6 0.5 do. do. , هاچ Alferd Klaerner 6 0.5 179 ÷÷. 1,670 62 do. 72 180 do. Mrs. 1900 1,672 36 0.5 F. H. Hitzfeld 181 Jim Ruff 1870 1,677 95 48 3 do. 182 do. Henry Ruff 1880 1,673 28 48 3 1870 72 e/183 do. Hotel Nimitz 35 1870 1,677 26 72 184 do. do. 1 185 Gillespie County 37 60 do. --0.5 Well No. 2 186 Gillespie County 107 do. Well No. 1 187 do. Blum Estate 1905 1,715 86 6 3.0 188 do. Henry C. Maier Johnnie Moore 1909 82 6 0 189 do. August Borchers Old 1,720 170 6 1 190 do. Fair Grounds 1900 1,700 122 6 1

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

			Elge	an Shi	eld ; Project Superintendent.
	Water	Level			
No.	Depth	Date of	Pump	Use	Remarks
	below	measure-	and	of	
	measur	- ment	power	water	
	ing po	oint	<u>c/</u>	₫/	
	(feet)				
171	31	Feb. 13,	C,W	D,I	Concrete block curb; 6 inch galvanized iron casing.
*******		1936			Never fails. Water reported from sand.
172	29.2		C,W		Rock curb; 6 inch galvanized iron casing. Never
	33.4	Apr. 2,			fails. Reported unfit for drinking.
		1936			
173	29.6	Feb. 13,	C,W	I	Concrete block curb; 6 inch galvanized iron casing.
		1936			Never fails. Unpleasent mineral teste reported.
174	31.9	do.	C,W	D	Concrete curb; 6 inch galvanized iron casing. Never
7.55			~		fails. Water reported from sand. Concrete block curb; 6 inch galvanized iron casing.
175	27.5	B	C,W	D	
	30.1	Apr. 2,			Never fails.
3.77.6	66.5	1936	0.5		Concrete block curb; 6 inch galvanized iron casing.
176		Feb. 13,	C,E,	D	Never fails. Turbid water reported mineralized.
	29.1	Apr. 2,	喜	: ១	Never laits. Turbid water reported mineralized.
100	80.0	1936	G 771	Ī	Never fails. 6 inch galvanized iron curb and casing.
177		Feb, 12,	U∍₩	1	
		Apr. 2,			Water reported from sand.
		May 25,			
3.00		1936	(1 TH	I	Concrete block curb; 6 inch galvanized iron casing.
178		Feb. 12,	U e ₩	1	
		Apr. 2,			Water reported from sand.
	13.1	May 25, 1936			
179	176	Feb. 13,	C 387	D	Do.
110	1,00	1936	O , W	ע	ь.
180	21.5				
		do.	C.W	ו מו	Dug well. Wood curb: rock casing. top to bottom.
	E .	4	C,W	D	Dug well. Wood curb; rock casing, top to bottom. Never fails. Water reported from sand.
	23.2	Apr. 2,	C,W	D	Dug well. Wood curb; rock casing, top to bottom. Never fails. Water reported from sand.
	23.2	Apr. 2, May 25	C,W	D ·	
181	23.2 21.4	Apr. 2, May 25 1936			Never fails. Water reported from sand.
181	23.2 21.4 26.8	Apr. 2, May 25 1936 Feb. 12,		D D,I	Never fails. Water reported from sand. Dug well 45 feet. Concrete curb; rock casing. Drill-
181	23.2 21.4 26.8	Apr. 2, May 25 1936			Never fails. Water reported from sand.
181	23.2 21.4 26.8 24.5	Apr. 2, May 25 1936 Feb. 12, May 25, 1936	С, Ж	D,I	Never fails. Water reported from sand. Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails.
	23.2 21.4 26.8 24.5	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11			Never fails. Water reported from sand. Dug well 45 feet. Concrete curb; rock casing. Drill-
	23.2 21.4 26.8 24.5 23.8 24.5	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11 Apr. 2,	С, Ж	D,I	Never fails. Water reported from sand. Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails. Dug well. Rock casing, top to bottom. Never fails.
	23.2 21.4 26.8 24.5 23.8 24.5	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11	С, Ж	D,I	Never fails. Water reported from sand. Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails. Dug well. Rock casing, top to bottom. Never fails.
	23.2 21.4 26.8 24.5 23.8 24.5	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11 Apr. 2, May 25, 1936	С,Я	D,I	Never fails. Water reported from sand. Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails. Dug well. Rock casing, top to bottom. Never fails. Water reported from sand.
182	23.2 21.4 26.8 24.5 23.8 24.5 22	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11 Apr. 2, May 25,	С, Ж	D,I	Never fails. Water reported from sand. Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails. Dug well. Rock casing, top to bottom. Never fails. Water reported from sand. Dug well. Rock casing, top to bottom. 2 pumps. Reported strong supply.
182	23.2 21.4 26.8 24.5 23.8 24.5 22	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11 Apr. 2, May 25, 1936	С, W С, H	D,I	Never fails. Water reported from sand. Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails. Dug well. Rock casing, top to bottom. Never fails. Water reported from sand.
182	23.2 21.4 26.8 24.5 23.8 24.5 22	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11 Apr. 2, May 25, 1936 f/	С, W С, W & E,-	D,I D,I	Never fails. Water reported from sand. Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails. Dug well. Rock casing, top to bottom. Never fails. Water reported from sand. Dug well. Rock casing, top to bottom. 2 pumps. Reported strong supply.
182	23.2 21.4 26.8 24.5 23.8 24.5 22 29	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11 Apr. 2, May 25, 1936 f/ Feb. 12,	C, W C, H C, W & E, - C, W,&	D,I D,I	Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails. Dug well. Rock casing, top to bottom. Never fails. Water reported from sand. Dug well. Rock casing, top to bottom. 2 pumps. Roported strong supply. Dug well. Rock casing, top to bottom. 2
183 184 185	23.2 21.4 26.8 24.5 23.8 24.5 22 29	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11 Apr. 2, May 25, 1936 f/ Feb. 12,	C,W C,H C,W & E,- C,W,& B喜	D,I D,I D	Never fails. Water reported from sand. Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails. Dug well. Rock casing, top to bottom. Never fails. Water reported from sand. Dug well. Rock casing, top to bottom. 2 pumps. Reported strong supply. Dug well. Wood curb: rock casing, top to bottom. 2 pumps. Never fails. Operates continously.
182 183	23.2 21.4 26.8 24.5 23.8 24.5 22 29	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11 Apr. 2, May 25, 1936 f/ Feb. 12, 1936 Feb. 11,	C,W C,H C,W & E,- C,W,& B喜	D,I D,I D	Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails. Dug well. Rock casing, top to bottom. Never fails. Water reported from sand. Dug well. Rock casing, top to bottom. 2 pumps. Reported strong supply. Dug well. Wood curb: rock casing, top to bottom. 2 pumps. Never fails. Operates continously. Dug well. Concrete block curb. Atter reported from
182 183 184 185	23.2 21.4 26.8 24.5 23.8 24.5 22 29 24.5 30.6	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11 Apr. 2, May 25, 1936 f/ Feb. 12, 1936 do.	C,W & E,- C,W,& E,- C,W,& B克 None	D,I D,I D	Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails. Dug well. Rock casing, top to bottom. Never fails. Water reported from sand. Dug well. Rock casing, top to bottom. 2 pumps. Reported strong supply. Dug well. Nood curb: rock casing, top to bottom. 2 pumps. Never fails. Operates continously. Dug well. Concrete block curb. Ater reported from sand.
183 184 185	23.2 21.4 26.8 24.5 23.8 24.5 22 29 24.5 30.6	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11 Apr. 2, May 25, 1936 f/ Feb. 12, 1936 do. Feb. 25,	C,W & E,- C,W,& E,- None	D,I D,I D	Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails. Dug well. Rock casing, top to bottom. Never fails. Water reported from sand. Dug well. Rock casing, top to bottom. 2 pumps. Reported strong supply. Dug well. Nood curb: rock casing, top to bottom. 2 pumps. Never fails. Operates continously. Dug well. Concrete block curb. Ater reported from sand.
182 183 184 185 186	23.2 21.4 26.8 24.5 23.8 24.5 22 29 24.5 30.6 22.4	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11 Apr. 2, May 25, 1936 f/ Feb. 12, 1936 do.	C,W & E,- C,W,& 度之 None	D,I D,I D	Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails. Dug well. Rock casing, top to bottom. Never fails. Writer reported from sand. Dug well. Rock casing, top to bottom. 2 pumps. Reported strong supply. Dug well. Wood curb: rock casing, top to bottom. 2 pumps. Never fails. Operates continously. Dug well. Concrete block curb. Atter reported from sand.
182 183 184 185	23.2 21.4 26.8 24.5 23.8 24.5 22 29 24.5 30.6	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11 Apr. 2, May 25, 1936 f/ Feb. 12, 1936 do. Feb. 25,	C,W & E,- C,W,& E,- C,W,& B克 None	D,I D,I D	Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails. Dug well. Rock casing, top to bottom. Never fails. Water reported from sand. Dug well. Rock casing, top to bottom. 2 pumps. Reported strong supply. Dug well. Nood curb: rock casing, top to bottom. 2 pumps. Never fails. Operates continously. Dug well. Concrete block curb. Ater reported from sand.
183 184 185 186 187	23.2 21.4 26.8 24.5 23.8 24.5 22 29 24.5 30.6 22.4 34	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11 Apr. 2, May 25, 1936 f/ Feb. 12, 1936 do. Feb. 25, 1936	C,W & E,-C,W,& E=None	D,I D,I D D D	Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails. Dug well. Rock casing, top to bottom. Never fails. Writer reported from sand. Dug well. Rock casing, top to bottom. 2 pumps. Reported strong supply. Dug well. Wood curb: rock casing, top to bottom. 2 pumps. Never fails. Operates continously. Dug well. Concrete block curb. Atter reported from sand. Concrete block curb. Strong supply. Water reported from sand. Reported good quality water from sand. Never fails.
182 183 184 185 186	23.2 21.4 26.8 24.5 23.8 24.5 22 29 24.5 30.6 22.4	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11 Apr. 2, May 25, 1936 f/ Feb. 12, 1936 do. Feb. 25, 1936	C,W & E,- C,W,& E½ None C,H C,W	D,I D,I D N	Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails. Dug well. Rock casing, top to bottom. Never fails. Writer reported from sand. Dug well. Rock casing, top to bottom. 2 pumps. Reported strong supply. Dug well. Wood curb: rock casing, top to bottom. 2 pumps. Never fails. Operates continously. Dug well. Concrete block curb. Atter reported from sand. Concrete block curb. Strong supply. Water reported from sand. Reported good quality water from sand. Never fails. Concrete block curb; galvanized iron casing. Good
182 183 184 185 186 187 188	23.2 21.4 26.8 24.5 23.8 24.5 22 29 24.5 30.6 22.4 34 49.8	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11 Apr. 2, May 25, 1936 f/ Feb. 12, 1936 do. Feb. 25, 1936 do.	C,W & E,- C,W,& 医表 None C,H C,W	D,I D,I D Ind	Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails. Dug well. Rock casing, top to bottom. Never fails. Writer reported from sand. Dug well. Rock casing, top to bottom. 2 pumps. Reported strong supply. Dug well. Wood curb: rock casing, top to bottom. 2 pumps. Never fails. Operates continously. Dug well. Concrete block curb. After reported from sand. Concrete block curb. Strong supply. Water reported from sand. Reported good quality water from sand. Never fails. Concrete block curb; galvanized iron casing. Good quality water reported from sand. Never fails.
183 184 185 186 187	23.2 21.4 26.8 24.5 23.8 24.5 22 29 24.5 30.6 22.4 34	Apr. 2, May 25 1936 Feb. 12, May 25, 1936 Feb. 11 Apr. 2, May 25, 1936 f/ Feb. 12, 1936 do. Feb. 25, 1936	C,W & E,- C,W,& E½ None C,H C,W	D,I D,I D D D	Dug well 45 feet. Concrete curb; rock casing. Drilled well from 45 to 95 feet. Never fails. Dug well. Rock casing, top to bottom. Never fails. Writer reported from sand. Dug well. Rock casing, top to bottom. 2 pumps. Reported strong supply. Dug well. Wood curb: rock casing, top to bottom. 2 pumps. Never fails. Operates continously. Dug well. Concrete block curb. Ater reported from sand. Concrete block curb. Strong supply. Water reported from sand. Reported good quality water from sand. Never fails. Concrete block curb; galvanized iron casing. Good

d/ I, irrigation; Ind, industrial; P, public; D; domestic; S, stock; N, not used.
e/ No water sample collected for analysis.
f/ water level reported.

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		Records of well:	-17- s in Gillespie Cou	nt y	Continu	ıed		
					Alti-		i	
No.	Distance	Owner	Driller	Date		ł	Di em-	Height of
140.	1	Owner	DI ATTEL		3		1	1 -
	from			com-	above	of	eter	measuring
	Freder-			ple-	sea	well	of	point a-
	icks-	4		ted	level	(ft.)	well	bove gro-
	burne				- 8/	(200)	(in.)	und (ft.)a
1.191	In Ereder	TRANSIC CALLS		3.000		7.46		miu (1 0.)a
191	1	- Eddie Stein		1900	1,713	146	6	1
	icksburg				.		<u> </u>	
192	do.	Ernest Peterman		Old		113	6	0.5
				İ				
107		One Of earl		1010	1,701	91	6	1
193	do.	Gus Siggel		Tato	1,701	aT	0	1
						<u> </u>		
194	do.	Alfred Sauer		1916	1,702	103	6	0.5
						1		
105	3 -	73-4-3 D-4	Oncer Miller		1,716	72	8	1
195	do.	Edward Peterman	Oscar Miller		1,710	12	0	1 -
		ļ						
196	do.	Albert Klein	Alolph Usener		1,665	84	6	0.5
			<u></u>		, , ,			
3.00	 			3.03.4	2 000	770		1
197	do.	Eugene Kramer	Chas. Leyendecker	1914	1,662	116	6	0.2
					ĺ		1	
198	do.	Lindig Estate	***	1928		82	6	0.4
100	""	Dinais Estate		1020				
	<u> </u>							
199	do.	Mrs. J. G. Kaiser	Chas. Leyendecker	1926	1,669	140	6	1
					· .			1
200	do.	Mrs. Joe Segner	do.	1926	1,663	109	6불	0.5
200	u 0 •	Mrs. Joe Degner	40.	1250	1,000	100	Ug	0.0
					<u> </u>	ļ		
201	do.	Mrs. Marie		1916		85	6	
		Metzger Estate		1			1	
201a	do.	Gellerman			1,667	92	8	0.5
zora.	uo.	Gerrerman			1,007	36		0.5
201b	do.	Harry Kordzik	Chas. Leyendecker	1921	1,667	95	6	0.7
			-				<u> </u>	
201c	do.	Henry Franz		 	1,666	90	6	0.7
2010	uo.	nenry Franz			1,000	30	0	0.7
						<u> </u>		<u> </u>
202	la miles	Charley Kiehne			1,684	93	6	0.5
	east	ľ				1		
007		D. T. The day law		013	 	97	6	0.5
203	1 mile	B. L. Enderly		Old		97	0	0.0
	southeast					<u> </u>		
204	2 miles	Martin Schultz	Schultz			26	4	3
	southeast		-	1				
				·		130	-	
205	$2\frac{1}{4}$ miles	H. W. Breautigam				119	6	3
	southeast						L	
206	do.	Harry Breautigam	**			87	6	0.5
	1			1			_	1
		 				1.50		
207	13 miles	Rudolph Habenicht				126	4	0
	south					.		
208	$1\frac{1}{4}$ miles	Max Breautigam		Old		71	6	0.5
~50	; 						1	1
	south			ļ			<u> </u>	
209	do.	Emil Breautigam			1,635	68	8	
								1
210	2 miles	Earnest Kallenberg	? ——	1916		90	6	0
2,10	1	Edines o Marrenberg		1210				
	south							
211	를 mile	Otto Stoffers	Earnest Schmidt			63	6	0.5
	south							
e/212	$3\frac{1}{2}$ miles	Alfred Kunz			1,703		6	1.5
0/ pTp		WITT-GO VOILS			T , (UD		Ü	Τ•Ω
	southwest							
e/213	do.	đó.	-		1,703	56	6	1
-								
214	$4\frac{1}{4}$ miles	D. M. Miller		Old	1,706	4 4	48	0.5
か十十		D. M. MITTTAL		lora	±, 100	44	40	V.U
	southwest	1		1			1	

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Elgean Shield , Project Superintendent. Water Level No. Depth Date of Pump Use Remarks $\circ f$ below measureand measurment power water ing point <u>c/</u> ₫/ (feet) Concrete block curb; galvanized iron casing. Good 191 45.91Feb. 25. C,W $\overline{\mathbf{D}}$ quality water reported from sand. Never fails. 1936 192 45.3 C.W D Do. do. 193 39.2 do. C.W D,I Do. 194 39 C.W $\overline{\mathbb{D}}$ Do. do. 195 31.8 D,I do. C.W Do. Concrete block curb; galvanized iron casing. Report-196 31 Feb. 6. C, W ed good quality water. Nearly fails in summer. 1936 Concrete block curb; galvanized iron casing. Good 197 18.6 Feb. 7, C,W quality water from sand reported. 1936 Concrete block curb; galvanized iron casing. 198 19.2 Feb. 6, C,W D quality water reported from sand. Never fails. 1936 Concrete block curb; galvanized iron casing. 199 23.6 Feb. 4, C.E. D quality water reported from sand. 1936 200 22.8 C.W Concrete block curb; galvanized iron casing. do. water reported from sand. Galvanized iron casing. Good quality water reported 201 30 Feb. 5. C,-D 1936 from sand. Concrete block curb; galvanized iron casing. Good 201a 31.5 Feb. 6, D C.W quality water reported from sand. Never fails. 1936 201b ח 32.9 do. C.W Lo. Casing end broken. Weak supply. Good quality water 201c 28 do. C.H D reported from sand. Concrete block curb. Good quality water reported 202 32.7 Apr. 8, C.W D.I 1936 from sand. 203 27.5 Apr. 1, Do. C.W D,I 1936 204 Never fails. Good quality water reported from sand. 4.5 do. C.H 205 26 D.I Dug well, to 31 feet. Drilled well 31 to 119 feet. do. C.W Never dry. Good quality water reported from sand. Concrete block curb; gal- Located on bank of ereek. 206 18 do. C, W S vanized iron casing. Good quality water reported 207 29.4 Mar. 18. Good quality water reported from sand. Never fails. C.W D,S,I from sand. Never fails. Depth reported, 126 feet. 1936 208 46.7 Mar. 28. Concrete block curb; galvanized iron casing. Good C,W D 1936 quality clear water reported from sand. 209 Concrete block curb; galvanized iron casing. Water 20.9 Feb. 27. D reported from sand. Never fails. 1936 Concrete block curb; galvanized iron casing. Good 210 23.5 Mar. 28. D 1936 quality water reported from sand. Never fails. 211 Concrete block curb; galvanized iron casing. Bad 12.1 do. C.W taste and sulphur odor reported. 212 45.5 Mar. 13. Dug well to 55.5 feet. Wood block curb; rock casing. C.W D,S Drilled well, \$5.5 to 110 feet. Good quality water 1936 213 Concrete block curb reported from sand. Never fails. 4.5 do. None galvanized iron casing. Good quality water reported. 214 41 Feb. 13, C,W Dug well. Concrete curb; galvanized iron casing. 1936 Good quality water reported from sand.

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		·	-19-					
		Records of well	s in Gillespie Cou	nty		ued		· · · · · · · · · · · · · · · · · · ·
37-	75 - 4	0	D=:33	D-+-	Alti-	D+2	Diam	TToight of
No.	Distance from	Owner	Driller	3	tude above	of	eter	Height of measuring
	Freder-			1	sea	well	of	point a-
	icks-			ted	level	(ft.)	well	bove gro-
	burg			1000	a/	(= 00)		und (ft.)b
215	5 miles	Alfred Kunz			1,748	100	6	1
	southwest							
e/216	6 miles	Bruno Foerster				58	6	
	southwest				<u> </u>			
217	$6\frac{1}{2}$ miles	Otto Marschall		Old	1,715	49	72	1
-/0177-	southwest	Translaw Madada			1,850	1,505		0
e/217a	8 miles west	Hayden Estate			1,000	1,505		"
218	12½ miles	Morris Land Co.			1,862	283	6	0.5
~	west	2022			,			
219	do.	do.			1,854	144	6	0.2
220	13 miles	Alphons Feller	Chas. Leyendecker	Old		73	6	0.5
	west				<u> </u>			
221	8 miles	G. G. Sifford		01d		57	6	0.5
222	southwest 7 miles	Adelbert Weber	Adolph Usener	1925	+	84	6	0.5
222	southwest	Wretper Mener	Adoiph Osener	15250		04		0.0
223	do.	Mrs.	John McDaugall	1910		91	6	ī
		Caroline Weber						_
224	do.	Mrs Weber				34	36	0
225	do.	Emil Freitag	Leyendecker	1930		58	10	0.5
	~1			1 000				
226	$7\frac{1}{4}$ miles	Mrs. Emil Eckert	do.	1880		64	6	0.5
227	southwest 5 miles	Carl Hilker				130	6	1
N/G I	southwest	Ogil Hillyel		-		100	Ŭ	_
228	3 miles	Edmund Grenwelge	Leyendecker	1900		110	6	1
	southwest							
229	3 miles	Mrs.	Foerster	1916		75	6	0
	south	Annie Washington						١
230	$3\frac{3}{4}$ miles	Emil Breautigam	Brazil	1896		39	48	3
073	southeast	7.11 7				17.3	77.0	
231	do.	Emil Esensee	Emil Esensee			31	36	3
232	$4\frac{1}{2}$ miles	Rufus Kneese		Old		47	36	0.5
202	southeast	Raras Micosc		OLU		- T /	00	0.0
233	43 miles	Emil Hartman		Old		46	36	4
	southeast							
234	5 miles	Henry Mogford	Foerster	1917		201	6	0.3
- Age	southeast							
235	42 miles southeast	R. W. Kneese		1909		82	6	0.5
236	45 miles	City of Fredericks	- Tarne-Meree Co		1,589	45		
2,00		burg, Well No. 2			1,000	10		
237	do.	City of Fredericks			1,587	80		
		burg. Well No. 1						
238	4 miles	Otto Breautigam	Chas. Leyendecker	1902	1,596	122	6	0.5
1050	south				2 2 2 2 2			
<u>e</u> /238a	5 miles south		Layne-Texas Co.		1,600	58		
239	5 miles			Old		37	6	0.5
وں	south	_ _		OTO	- -	٠,١	V	0. 0
e/239a			Layne-Texas Co.		1,600	59		
	south					-		
								

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Elgean Shield , Project Superintendent. Water Level Depth Date of No. Pump Use Remarks below measureand of measurment power water ing point ₫/ (feet) 78.5 Mar. 13, Concrete block curb; 6 inch galvanized iron casing. 215 C,W D 1936 Never fails. Water reported from sand. 216 Stone block curb; 6 inch galvanized iron casing. 41.8 do. C.W $\overline{\mathsf{D}}$ Never fails. Good quality water reported from sand. 217 39.5 Dug well. Wood curb; rock casing, top to bottom. do. C.N D Good quality water reported from sand. 217a 50 Oil test. Drilled by Thousand Island Cil Company. f/---See log. 131.7 Mar. 12, 218 Never fails, 6 inch steel casing. Black mud in bot-C.W D 1936 tom; surface is soft blue stone. 108.3 Mar. 13, 219 Sandstone curb; 6 inch galvanized iror casing. Good C,W D 1936 quality water reported from sand. Never fails. Mar. 20. Concrete block curb; galvanized iron casing. Good 220 48 S 1936 quality water reported from sand. Never fails. 37.2 Mar. 27. 221 C.W D,S Concrete block curb; galvanized iron casing. Never 1936 dry. 222 49 do. D Ć,W 223 46.8 do. C,W $\overline{\mathtt{D}}$ Do. 224 29.5 Dug well. Stone curb; rock casing. Windmild pumps do. $\overline{\Gamma}$ None 225 26.7 do. C,W D Concrete block curb; steel casing: Never fails. Water reported from sand. 226 57.5 Mar. 31. Cut. stone curb; galvanized iron casing. Never fails. C.W D Buff clay at surface. Water reported from sand. Concrete block curb; galvanized iron casing. Good 1936 Mar. 27. 227 36 C,W D 1936 quality water reported from sand. Never fails. 228 27.3 Mar. 13. C.W D Concrete block curb; galvanized iron casing. Never 1936 fails. Water reported from sand. 229 Mar. 28, C, W Sandstone curb; galvanized iron casing. Good quality T 1936 water reported from sand. Never fails. 230 35.2 Apr. 1, Dug well. Stone curb; rock casing. Water reported C,W D,I 1936 from sand. Flat rock at bottom. Never fails. 231 24.9 May 9, Dug well. Wood curb; no casing. Reported bails dry None $\overline{\mathbf{D}}$ 1936 in two hours. Water reported from sand. 232 44.8 Apr. 1, Dug well. Concrete curb; rock casing. Operates C.W D.S 1936 continuously. 233 41.2 do. C,W D Do. 234 76 do. C,W D Concrete block curb. Water reported from sand. Well can be pumped dry. 235 Stone block curb; 6 inch galvanized iron casing. 41.5 Apr. 1, C,W D 1936 Never fails. Water reported from sand. 236 f/C,E, P Located in valley flat. Partially supplies city of 20 Fredericksburg. 237 P f/ C,E, Estimated capacity 2 pumps, 325 gallons a minute. 7를 Never fails. Partially supplies city of Fredericks-238 52.5 Feb. 27, Located 300 feet from city well. Never fails. burg. D 1936 Water reported from sand. 238a 34 f/ N None Water reported from gravel. 239 35.1 Mar. 28, C.W S Located on bank of Pedernales River. Water report-1936 ed from sand, 239a 18 N f/ None Test well. Water reported from gravel. See log.

Records of wells in Gillespie County--Continued Alti-Distance Owner Driller Date tude Depth Diam Height of No. measuring from com- above of eter plesea well of point a-Fredericks= level (ft.) well bove groted burg und (ft.)b/ (in.) Hilma Henke 1916 101 0.5 240 10 miles southwest do: Levendecker 1935 151 6글 0.3 ll miles 241 and Schultz southwest 12 miles Chester Baum Spring 242 --southwest Adolph Usener 110 6 0.5 $12\frac{1}{2}$ miles Fmil Roeder Old 243 southwest 14 miles August Kott Fred Cox 1912 197 6 0.5 244 southwest 15 miles Mrs. Earnest Kott -- Page Old 243 0.5 245 southwest 1935 244 6 0.5 12 miles Walter Kott -- Leyendecker 246 southwest 7 ll miles R. C. Baum Old 224 0.5 247 -- Ledbetter southwest 6 128 0.5 248 10 miles Edmund Kott 1900 southwest 249 10 miles -- Weirich --- , Old 231 6 1 southwest 78 6 2 William Eckert 1900 250 9g miles -- Leyendecker southwest Old 220 6 1 251 85 miles Richard Hubort southwest 10 miles 221 6 0 Adolph Steiler 252 __ _-southwest 6 253 do. do. 157 1 漫 miles Richard Schmidt -- Leyendecker 240 6 0.5 254 south 5 miles 255 Josephine Hahn Chas. D. Rode 1922 1,586 127 6 1 southeast 256 6를 miles Mrs. Richard Hahn 1,587 40 --3 southeast . 45 36 1 do. H. C. Keese 1,624 257 258 7 miles Martin Keller Ernest Page 1929 1,721 151 0.5 southeast Alti-Driller No. Distance Owner tude Depth Diam-Height of Date from comabove of eter measuring Willow well plesea ofpoint a-City level (ft.) well bove groted (in. und (ft.)e 7 miles Mrs. Mary Knopf 300 Paul --Old 133 northwest 301 do. F. B. Riley 1960 44 5

a/ Altitudes obtained by barometric reading.

b/ Measuring point was usually top of casing, top of pump base, top of well curb or top of casing clamp.

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

Project Superintendent

			Elge	an Shie	ld Project Superintendent.
	Wate	r Level			
No.		Date of	Pump	Use	Remarks
2,70		measure-	and	of	
	measu				
	1		power	i .	
	ing p		≗/	<u>d</u> /	
	(feet		<u> </u>		
240	71	Mar. 27,	C,W	D	Concrete block curb. Water reported in sand.
	1	1936			Never fails.
241	90.6	do.	C,W	D,S	Stone curb; 6g inch galvanized iron casing. Never
				,	fails. Water reported in sand at 135 feet.
242	F.lows	do.	None	N	Estimated flow; 3 gallons a minute from 1 opening
~∓×	1UWS	40.	None	T.A.	
0.477	000	 	-		in clay on hillside. Never fails.
243	86.6	do.	C,W	D	Stone block curb; 6 inch galvanized iron casing.
			<u> </u>		Puff clay at surface. Water reported in sand.
244	162.7	do.	C,W	D	Concrete block curb; 6 inch galvanized iron casing
	1				at top. Never fails. Water reported in sand.
245	205	do.	C,W	D,S,I	Stone curb; 6 inch galvanized iron casing. Buff
~	~~~		", "	3,0,1	surface clay. Never fails. Water reported in sand.
246	16'Z 5	Mar. 31,	() 197	7.0	Reported log: gravel 0-25feet, blue clay 25-243
240	100.0	1	C,W	D,S	
	•	1936			foet. Never fails. Water reported in send.
				<u> </u>	
247	142.8	do.	C,W	D,S	Wood block curb; 7 inch galvanized iron casing.
	1	1		Ì	Water level not accurately measured due to leaky
248	99.4	do.	C,W	D	Wood block curb; 6 inch galvanized iron cas- pipe.
ಏಕ೦	1	1	,,,	, D	ing Deserted summer days in high wind. Weter normant
5.46					ing. Reported pumps dry in high wind. Water report.
249	170.8	do.	C,₩	S	Wood block curb; 6 inch gelvenized ed in sand.
					iron cosing. Water reported in sand.
250	57.3	do.	C,W	D	Stone curb; 6 inch galvanized iron casing. Located
					near Bear Creek. Water reported in blue mud.
251	133.9	do.	C,W	D,S	6 inch galvanized iron casing. Weak supply, report-
202	13300		*, .	, 5,5	ed in sand.
252	164 7	Mar. 28,	C,W	70	Stone curb. Never fails. Water reported in sand.
202	104.7	•	U , %	D,S	Stone carr. Meach fritte. Maren reported in saud.
	 	1936			
253	102.4	do.	None	N	Concrete block curb; 6 inch galvanized iron casing,
					Reported only used during rainy seasons. Strong
254	76	do.	C,W	D,S	Concrete curb; 6 inch gal- supply in wet season.
	ĺ				vanized iron casing. Good quality water reported in
255	36	Feb. 25,	C,W	D	Concrete block curb; 6 inch galvanized iron sand.
200	30	1936	0, "	עו	
054				 	casing. Reported red sand in bottom. Never fails.
256	37.1	do.	C, W,	D	Dug well. Never fails.
			H	<u> </u>	
257	39.5	₫o.	C,W	D	Dug well. Rock curb. Reported buff limey clay at
					surface. Never fails.
258	122	Feb. 27,	C,W	D	Concrete block curb; 6 inch galvanized iron casing.
		1936	, , ,,		Water reported in sand.
			<u> </u>	}	water Toportion III Schut
		Level	_		
No.	. ~	Date of	Pump	Use	Remarks
	below	measure-	and	of	·
	measur	r- ment	power	water	
	ing po		<u>c/</u>	<u>d</u> /	
	(feet)		<u> </u>		
300			T: 11	T.	6 inch relations on the way of the state of
<i>50</i> 0	03.5	Apr. 11,	в,н	D	6 inch galvanized iron casing. Weak supply. Water
		1936		<u> </u>	reported in granite.
301	31	do.	B,H	D	Dug well; concrete curb. Water reported in granite.
				Ĺ	Weak supply.
a/	T inni	cotion. T	nd in	a text	1. D. mublice D. domostice C. stock: M. not wood

d/ I, irrigation; Ind, industrial; P, public; D, domestic; S, stock; N, not used.
e/ No water sample collected for analysis.
f/ Water level reported.

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Records of wells in Gillespie County--Continued Alti-No. Distance Owner Driller Date tude Depth Diam-Height of from com- above of eter measuring Willow sea well ~of point aplelevel (ft.) bove gro-City ted well a/ (in.) und (ft.) b/ 302 7 miles Felix Kuhlman 1935 45 northwest 303 do. do. Old 29 60 Old 73 0.5 304 do. Frank Harvey ___ 79 1 305 do. Arthur Peterson __ Old ____ 8 miles Old 160 ī 306 6 west 307 4 miles Dabney Estate Old 1,852 74 6 2.0 -southwest 76 0.5 308 3 miles Albert Kolmeir Old 1,791 6 west 1900 1,768 309 2 miles William Kolmeir 169 6 0.5 west 2½ miles Dave Mochle 1,745 89 0.5 310 Tom Benson Old 6 west 311 3 miles I. W. Lee 1896 52 6 0.3 do. northwest 312 do. Benskin and 1894 119 6 ī do. Alexander 313 do. Ben F. Thomas Tom Benson Old 81 0.5 314 4 miles T. H. Lawerence Earnest Smith Old 1,819 32 1 northwest 315 J. W. Thomas 1,840 134 6 do. George Reiger 316 33 miles do. 1936 --32 48 2.1 northwest 1,800 317 4 miles 0.5 -- Hohman Old 64 --northwest 318 In Willow H. J. Robinson 55 6 0 City 3 319 do. do. 56 --320 do. J. H. Burrier 36 3 72 321 do. C. E. Willowford 44 3 __ 322 Henry Horlen 1900 0 do. 46 6 e/323 do. N. H. Greathouse 1936 90 60 324 2늘 miles Mrs. Henry Horlen __ ---___ 160 6 1 northeast 325 55 miles -- Suedeymer 123 6 Old 1,673 1 east 326 4号 miles Albert Immel Immel and Page 1935 1,702 176 6 1 east 35 miles e/3271,644 153 6 east 328 4 miles Rudolph Pressler Adolph Pressler 1890 1,654 92 6 1 east

Elgean Shield , Project Superintendent

			Elge	an Sh	ield , Project Superintendent
	Water	. Level			
No.	Depth	Date of	Pump	Us e	Remarks
	below	measure-	and	of	
	measur		power		r
	ing po			<u>d</u> /	-
:	(feet				•
302		Apr. 11, 1936	None	N	6 inch steel casing. Water reported from granite.
303	22.9	do.	C,W	D	Dug well with rock casing. Weak supply. Water reported from granite.
304	27.7	do.	C,W	D,S	Concrete block curb. Water reported from sand. Neve.
305	35.5	do.	C,W	D,S	fails. Stone curb; no casing. Yellow clay at surface. Water
			·		reported from sand.
306	94.5	do.	C,W	S	Stone block curb; 6 inch galvanized iron casing. Good quality water reported from sand.
307	52.5	Apr. 10, 1936	C,₩	S	6 inch galvanized casing. Water reported from sand.
308	12.6	do.	C,W	C	Wood block curb; 6 inch galvanized iron casing. Water reported from sand. Never fails.
309	31.3	do.	C,W	D,I	
310	34.1	do.	C,W	D	Stone block curb. Never fails. Good quality water reported from send.
311	9,2	do.	C,H	D	Concrete block curb; 6 inch galvanized iron casing. Never fails. Water reported from sand.
312	25.8	do.	С,7	D	Concrete block curb; 6 inch galvanized iron casing.
313	9.2	do.	C,W	D	Reported main water at 110 feet in granite. Wood block curb. Never fails. Water reported from
314	11.7	do.	C,W	D,S	Dug well with wood curb. Never dry Water reported from sand.
315	80	do.	C,W	D	Concrete block curb; 6 inch galvanized iron casing. Week supply. Reported pumped dry in 5 minutes.
316	5,2	do.	C,W	S	Dug well. Concrete block curb. Located in stream
317	53.5	do.	C,W	D	bed. Water reported from granite. Round stone curb. Water reported from granite.
318	44.9	Feb. 21,	H C,W	D	Reported red sand, surface to 50 feet. Never fails.
319	50	Feb. 20,	B,E	D	Dug well. Rock curb. Reported granite at bottom.
320	34	1936 do.	C,H	D	Reported pumps dry. Dug well. Rock curb. Reported pumps dry at 8 gal-
321	36	do.	C,H	D	lons a minute. Reported granite at bottom. Dug well. Rock curb and casing. Reported granite at
322	36.5	do.	С,₩	D, Inc	bottom. dConcrete block curb; 6 inch galvanized iron casing.
323			C,W	S	Reported never dry in 34 years. Hard water reported. Dug well. Rock casing. Never fails. Bad taste re-
324	83	Apr. 23,	C,W	D,S	ported. Concrete block curb; 6 inch galvanized iron casing.
325	104.2	1936 Apr. 9,	C,W	s ·	Reported good quality water. Never fails. Stone curb. Weak supply.
326	42.2	1936 do.	C,W	D	Clay at surface. Reported granite at 160 feet. Re-
327	48	f/	C,W	S	ported pumps dry. Concrete block curb; 6 inch galvanized iron casing.
			,	-	
328	88	Apr. 9, 1936	c,w	D	Stone block curb; 6 inch galvanized iron casing. Reported pumps dry in 24 hours.

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		Dogován ne mati	-25- c in Cillegnie Co	1112	-Mon+i-	han			
	T	Records OI Well	s in Gillespie Co	uirty	Alti-	lucu		<u> </u>	
NT	Dane	1	n477	P-4:	1.	Danth	Diam	Height of	
No.	Distance	Cwner	Driller		tude	, ~			
	from				above	of	eter	measuring	
	Willow			ple-	1	well	of	point a-	
	City			ted	level	(ft.)	well	bove gro-	
					된/	<u> </u>	(in.)	und (ft.)	
329	3 miles	Louis Eckhardt	***	1900	1,631	191	6	1	
	southeast					<u> </u>			
330	2 miles	Edgar Ottmers		1880	1,682	249	6	1	
	south								
331	$3\frac{1}{4}$ miles	R. W. Danz	Charles Kunz	1930	1,709	464	8	1	
	south								
332	4 miles	Llano Bank	Loyendecker	Old	1,663	224	6	0.5	
00%	south	5			,				
333	3 miles	Charles Mohr		old	1,777	270	6	1	
000	south	Ondi rob Moni		014	,,,,,	1 2.0			
334	32 miles	Marvin Mohr		Old	1,775	181	6	0.5	
504	1 4	Marvin Monr		Old	1,110	101	1	1	
7000	south			7,000	3 770	076		1	
e/335	4 miles	Theodore Koenecke		1900	1,739	236		1 1	
	south								
336	5 miles	Alfred Ottmers		Old	1,739	75	6	0.5	
	south		· ·						
337	4点 miles			Old	1,757	63	5	0	
	south								
338	6 miles	Max Kunz	Willie Schultz	1920	1,961	121		0.5	
	southwest	· ·					l		
339	75 miles	State			1.892	Spring			
000	southwest	Highway Dept.				F	1		
340	8½ miles	Otto Grobe	Otto Grobe	1908	1,712	50	36	4	
040	southwest	•	0000 01000	1000	1 1 1 2			_	
743	9 miles	Albert Segner	Segner	1870		50	60	4	
341	1	Arber Segmen	Seguer	10/0		30	00	<u> </u>	
	southwest	777 77.2			1,665	78	6	 	
342	10 miles	Ed. Fries			1,000	1 /0	0		
	southwest			A3 7	2 606	7.40	-		
343	10 miles	Chas. Beyer		Old	1,626	149	6	0	
	southwest			7.6.2.0			<u> </u>	 	
344	10 miles	Edwin Oehler		1900		43	6		
	southwest								
e/345	9 miles	W. R. Hansen		Old	1,620	100	6	0.5	
	southwest								
346	$9\frac{1}{2}$ miles	Rhinehold Oehler	Oehler	1900	1,612	57	36		
	southwest								
347	8½ miles	Chas. H. Wagner		Old		54	36		
	southwest				ĺ				
348	do.	do.		1920		199	6	1	
010									
349	8 miles	do.		Old		17	6 0	1	
010	south				1	-		_	
350	do.	William Ebert		Cld	1,712	32	36		
000	uo.	WIIIIam Eber		Old	1 1 1 1 1 1 1 1	OL.	00		
7253	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	75		Old	1,712	207	6	1	
35 1	7 miles	Mrs.		ота	1+,712	207	0	1	
	south	Jimmie Wienecke				222			
352	6호 miles	Lutheran Church		Old		322	6	1	
	south								
353	8 miles	Felix Ottmer		1900		167	6	1.	
	south					أا		 	
354	8½ miles	William Schleuter			1,4,4%	77	6	3	
	south	<u> </u>					-		
355	do.	do.	Fritz Volmer	1900		72	6	1	
							1		
e/356	do.	Edwin Schleuter	F. Leyendecker	01d		148	6	0.5	
	•	t .	, ,			. ,	1		

	Elgean Shields, Project Superintendent									
		· Level								
No.	Depth	Date of	Pump	Use	Remarks					
	below	measure-	and	of						
	measu	- ment	power	water						
	ing po		<u>c/</u>	₫/						
	(feet			7						
329	34.8	Apr. 9.	C,W	P, I	Wood block curb; ô inch galvanized iron casing.					
		1936			Never fails.					
330	107.6	do.	C,W	D,I	Stone block curb; 6 inch galvanized casing. Strong					
-					supply.					
331	190.6	do.	C,W	D,I	Concrete curb; 8 inch galvanized iron casing. Re-					
					ported pumps dry in one day.					
332	143.5	do.	C,₩	D,I	Steel block curb; 6 inch galvenized iron casing.					
					Clay at surface. Never fails. Water reported from					
333	130	do.	C, म	D	Wood block cur'. Clay at surface. Will not sand.					
					supply mill.					
334	164	do.	C,W	D	Stone block curb. Will not supply mill. Water re-					
					ported from sand.					
335	54	do.	C,₩	D .	Stone block curb. Water reported from sand. Never					
					fails.					
336	30.5	do.	C,W	D	Wood block curb; 6 inch galvanized iron casing.					
					Never fails.					
337	50. 5	do.	C,₩	S	Stone block curb. Buff clay at surface. Water re-					
					ported from sand.					
338	71.5	Apr. 10,	C,W	D,S	Concrete block curb. Reported re-drilled in 1935 to					
		1936			increase supply. Reported pumps dry in 30 minutes.					
339	Flows	Feb. 20,	None	S	Measured flow; 4 gallons a minute from 1 opening in					
		1936			base of gray limestone on hillside. Temperature 60°F.					
340	37.9	Apr. 10,	C,₩	D,I	Dug well. Concrete curb; 6 inch galvanized iron cas-					
		1936	•		ing. Never fails. Sand at surface.					
341	40.1	do.	০, স্ল	D,I	Dug well. Concrete curb; rock casing. Clay at sur-					
					face. Reported pumps dry in 5 cr 6 hours.					
342	44.9	<u>f</u> /	C, 7	S	Stone block curb; galvanized iron casing. Strong					
*					supply.					
343	24	Apr. 8,	C,7	D,I	Stone block curb; 6 inch galvanized iron casing.					
		1936			Water reported from sand. Never fails.					
34 4			C,W	D	Concrete block curb; 6 inch galvanized iron casing.					
					Fails in dry years. Red sand at surface.					
345	60	<u>f</u> /	C,W	D	Stone block curb; 6 inch galvanized iron casing.					
					Never dry					
346	35.7	<u>f</u> /	C,W	D	Dug well. Concrete block curb; rock casing. Never					
					fails.					
347	26.7	<u>f</u> /	C,W	I	Dug well. Bad quality water reported. Supply supple-					
72.40	3.55.3		<u> </u>		mented by rain water from roof of house.					
348	153.1	Apr, 17,	C,W	I	Stone block curb; galvanized iron casing. Good qual-					
7.40	100	1936		<u> </u>	ity water reported. Never fails.					
349	13.2	do.	в,н	D	Dug well. Wood curb; rock casing. Weak supply.					
755	66.6	6/	A	D =						
350	26.2	<u>f</u> /	С, भ	D,I	Dug well. Rock curb and casing. Fails in drought.					
761	384 0			7.0						
351	174.9	Apr. 9,	C,W	D,S	Wood block curb; 6 inch galvanized iron casing. Weak					
250	258.9	1936	0 77		supply.					
352	200.9	do.	C,W	D	Stone block curb; 6 inch galvanized iron casing.					
35 3	90.7	A	C ##	D 0	Located on mountain side.					
20 3	00.3	Apr. 11,	C,W	D,S	Stone block curb; 6 inch galvanized iron casing.					
72 55 4	6.4	1936	0 10		Clay at surface. Never fails. Water reported from					
354	64	Apr. 17, 1936	C,W	S	Stone block curb; 6 inch galvanized iron cas- sand.					
35 5	70		C,W	D	ing. Never fails. Water reported from sand. Rock curb; 6 inch galvanized iron casing. Reported.					
,000	70	₫o•	U, W	u						
356	118.3	do.	C,W	Đ	pumps dry in 2 hours Stone block curb; 6 inch galvanized iron casing.					
000	110.0	ao i	V , W	ני	Clay at surface. Never fails.					
				L	OTEN OF DELICOS MONET INTEN					

		Records of wells	s in Gillespie Cou	nty(Continu	ıed.		
No.	Distance from Willow City	Owner	Driller		Alti- tude above soa level		eter of well	Height of measuring point a- bove gro-
357	8 miles	Alfred Woegel	(Old.	E/ 	77	(in.)	und(ft.)b
358	south do.	Harry Hopf	Chas. Leyendecker	1925		256	6	0.5
359	do.	Harry Duesher	Tom Benson	Old		262	6	1
36 0	9½ miles southeast	Vance Tyson				60	36	(Ann. 1804)
361	10 miles south	Willie Fehl		1900		130	6	1
362	ll miles south	Adam F. Pehl	Walter Foerster	1931		119	6	0.5
363	lla miles south	Paul Pehl				66	60	
364	12 miles southwest	Ludwig Vorauer		Old	1,642	48	6	1
365	15½ miles southwest	Henry Mogford		Old		82	6	0.5
366	do.	Edmund Kraus		1900		84	6	0.5
367	16½ miles southwest					184	6	0.5
368	16 miles southwest	Bennie Baag				133	6	0.5
369	do.			01 d		52	60	0.5
370	15½ miles southwest			Old		103	6	0
371	15 miles southwest	Rocky Hill School		Old		69	36	0.5
372	do.	Frank Baag		1916		158	6	0.5
373	14½ miles southwest	Albert Moellering Christian	***	01d 1918		62 98	48	2
374	do.	Machisen Hilmer Weinheimer		01d		86	6	
376	do.	Joseph Jenschke	<u>.</u> -	Cld		89	6	1
377	do.	Joseph Jenschke Joseph	Fritz Irsch	Old		135	6	1
378		Schmidtzensky Hohenberger Bros.	Tom Benson	Old		325	6	1
379	southwest 13 miles	Lower Grape	Delison			47	48	5
380	south 13 miles	Creek School Cswald Behrends	Tom Benson			99	6	1
381	south do.	do.		Old		93	6	and who

a/ Altitudes obtained by barometric reading.

b/ Measuring point was usually top of casing, top of pump base, top of well curb or top of casing clamp.

c/ C, cylinder; B, bucket; W, windmill; H, hand; G, galoline engine; E, electric motor; number indicates horsepower.

25	Elgean Shield , Project Superintendent.									
	Water	r Level								
No.	Depth	Date of	Pump	Use	Remarks					
	below	measure-	and	of						
	measu	r- ment	power	water						
	ing po	oint	್ರ/	<u>a</u> /						
	(feet)		_	_						
357	40.7	Apr. 17,	C,W	D	Stone block curb; 6 inch galvanized iron casing.					
		1936			Fails in drought.					
358	102.6	Apr. 1,	C,W	D	Stone block curb; 6 inch galvanized iron casing.					
		1936			Never fails. Reported lower 125 feet in rock.					
359	150	Apr. 17,	C, W	D,S	Concrete block curb; 6 inch galvanized iron casing.					
		1936			Limestone at surface. Fails in drought.					
36 0	16.8	do.	C,W	D	Dug well.to 28.4 feet; drilled to 60 feet. Wood					
					curb. Clay at surface. Water reported from sand.					
361	28.1	do.	C,W	D	Dug well to 58 feet; drilled to 130 feet. 6 inch					
		,	1		steel casing. Water reported from limestone. Fails					
362	60	do.	C,W	D,I	Wood block curb; 6 inch gelvanized iron in drought.					
				-,-	casing. Sand at surface. Never fails.					
363	43	<u>f</u> /	C,W	D	Dug well. Rock casing. Good quality water reported.					
		<i>≟</i> 2	, ,	_	Never fails.					
364	19.7	Apr. 8,	C,W	D,I	Sandstone curb; galvanized iron casing. Never fails.					
- ,		1936			Estimated capacity, 10,000 gallons a day.					
365	34.6	Apr. 1,	C,W	S	Concrete block curb; 6 inch galvanized iron casing.					
•		1936	J ,		Reported good quality water from sand.					
366	60	do.	C,W	D	Stone block curb; 6 inch galvanized iron casing.					
000		400			Never fails. Good quality water reported from sand.					
367	128.2	do.	C,W	S	Do.					
			" "							
368	89.3	do.	C,W	S	Stone block curb; 6 inch galvanized iron casing.					
				-	Clay at surface. Never fails. Water reported from					
369	41	do.	C,W	D	Dug well. Wood curb; 8 inch galvanized iron sand.					
					casing. Never fails. Water reported from sand.					
370	35	do.	C,W	D	Wood block curb; 6 inch galvanized iron casing. Red					
		-		_	sand reported at bottom. Never fails.					
371	34.5	Apr. 7,	C,H		Dug well. Concrete curb; rock casing. Reported good					
		1936	,		quality water from sand.					
372	36.2		C, W	D,I	Stone block curb; 6 inch galvanized iron casing. Re-					
			, .	-,-	ported good quality water from sand.					
373	55.5	do.	C,W	D,I	Dug well. Concrete curb; Rock casing. Reported flint					
				,	rock in bottom. Fails in drought.					
374	50	<u>f</u> /			Concrete block curb; 50 feet, 6 inch galvanized iron					
					casing at top. Estimated capacity, 1,000 gallons an					
375	52.1	Apr. 7,	C,W	S	Stone block curb; 6 inch galvanized iron cas- hour.					
		1936	. , .		ing. Located near river. Good quality water report-					
376	56	do.	C,W	D	Concrete block curb; 6 inch galvanized iron cas- ed.					
			,	·	ing					
37 7	115.3	do.	C,W	D,S	Stone block curb; 6 inch galvanized iron casing. Re-					
				-,-	ported water from limestone. Never fails.					
378	24.9	do.	C,G,	D	Located on creek bank. Concrete block curb; 10 feet,					
-			5		6 inch galvanized iron casing at top. Water reporta-					
379	35	do.	В,Н	D	Dug well. Concrete curb; No casing. from limestone.					
·					Located on bank of Grape Creek. Supplies school.					
380	27.6	do.	C,W	S	Concrete block curb; 6 inch galvaniz- Never fails.					
			- , "	~	ed iron casing. Reported strong supply of good qual-					
381	29.1	do.	C,W	D	Do. lity water.					
				_	1 2 1000					
	أسسسيسسا									

d/ I, irrigation; Ind, industrial; P, public; D, domestic; S, stock; N, not used.
e/ No water sample collected for analysis.
f/ Water level reported.

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			-29-		~ 4. 4			
	1	Records of wells	in Gillespie Cou	inty +-(Alti-	led.		
No.	Distance	Owner	Driller		tude	Depth	1	_
	from			com-	above	of	eter	measuring
	Willow		·	ple-	sea	well	of	point a-
	City			ted	level	(ft.)	well (in.)	bove gro- und(ft.)b
382	13 miles	Max Schuman		Old		38	36	4
	south							
383	do.	William Herber		Old		74	8	0.5
384	do.	Mrs. H. J. Burg				53	60	3.5
385	do.	do.		Old		77	6	0,5
386	14 miles	Richard Danz		Old		48	36	3
	southeast							
387	∵∵ do.	Lutheran Church				36	6	0.5
388	13½ miles southeast	Emil Neffendorf	-			55	6	1
e/388a		Andrew Lindig	Nixon-Dare	1933	1,441	1,19	$8\frac{1}{4}$	ent days
	southeast		Power Company					
3 89	ii do.	D. C. Hodges	***	1905		35	6	1.5
<u>e/390</u>	do.	Hiram Hodges	T. E. Owen	1935		35	6	1
391	15 miles	Andrew Lindig	Albert Oil Co.		1,472	900	8	2
- 500	southeast				1 400	1 60		
392	do.	do.	do.		1,468	1,20	0 - -	toto n
393	17 miles	Alfred Novian			÷	63	6	1
	southeast							
e/394	$17\frac{1}{2}$ miles	Arthur Klein				286	6	1
395	southeast 20 miles	Albert Wilke	Page	1913		230	4	0.5
050	south	Albert Wilke	rage	1313		200	-	0.0
e/396	do.	Chas. Moldenhauer				320	6	, - -
								,
397	17 miles	Engel Estate		Old		41	36	3
398	do.	do.			 	30	36	3
290	ao.	uo.				30	30	3
399	do.	Miss Meth Kreiger		Old		82	48	1.5
400	do.	Christian Behrens	Chas. Behrens	Old		71	6	0.3
401	do.	Oswald Behrends		Old		143	36	2,5
402	17½ miles southwest	do.				121	6	0.5
403	17 miles southwest	Meyer Ranch				132	6	0.3
404	17호 miles	Welter Behrends		1890		142	6	0.3
405	southwest 17 miles	J. W. Adams		Old		240	6	**
e/406	southwest do.	Edgar Tatsch		1927		224	7	1
_								
407	$17\frac{1}{2}$ miles southwest	A. A. Feidler	Leyendecker	1920		286	6	0
4 0 8	do.	August Young				3,024	6	0.5

-30-

Elgean Shield, Project Superintendent. Water Level No. Depth Date of Pump Use Remarks below measureand of measurment power water ing point d/d/(feet) 382 26.8 Apr. 7, B.H \overline{s} Dug well. Wood curb; rock casing. Reported water 1936 from limestone. Salty taste reported. Wood block curb; 8 inch galvanized iron casing. Re-383 37.5 do. C.W N ported unfit to drink. Never fails. 384 41.8 do. None N Dug well. Located in valley flat near river. Concrete curb; no casing. 385 Concrete block curb; 6 inch galvanized iron casing. 41.6 do. C.W D.I Strong supply. 386 37 C,W D Dug well. Stone wall curb; rock casing. do. strong supply. 387 ח Concrete block curb; located on river bank. 22.4 do. C,H, quality water reported. Strong supply. W 388 13.8 do. C, W D,I Stone block curb; 40 feet, 6 inch galvanized iron casing at top. Located on river bank. Never fails. 388a N Oil test. See Log. __ Apr. 7, 389 25 C,H D Located near Pedernales River. Reported good qual-1936 ity water. Never fails. 30 feet, 6 inch galvanized iron casing at top. Good 390 30.3 D.I do. C.H quality water reported from limestone. Never dry. 391 N 48.2 Mar. 18. None 705 feet steel casing at top. Oil test. Reported 1936 limestone from 800 feet to 850 feet. 392 No casing. Oil test. Water at 138 feet, 161 feet, N None 500 feet and 550 feet. 38 6 inch galvanized iron casing. Mineralized taste 393 Mar. 18. C.W D,S 1936 reported. Never fails. Concrete block curb; 6 inch galvanized iron casing. 394 199.5 do. C, W D.S Red sand reported in bottom. Never fails. 395 177.9 do. C.W Stone block curb. Never fails. Reported water in D.S red sand. 396 C.W D.S Well caved in. Depth reported. Reported never failed. Water from sand. 397 Dug well. Wood curb; rock casing. Never fails. 30.5 Apr. 1. C.W 1936 cated on creek bank. 398 23.3 do. B,H D Dug well. Concrete curb; rock casing. near creek bed. Never fails. Dug well to 42 feet. Drilled well from 48 to 82 399 39.2 do. C,W D feet. Wood block curb and surface. Fails in drought. 400 42.9 do. C, W D,S Stone block curb; 6 inch galvanized iron casing. Clay at surface. Water reported from sand. Never 90 401 Dug well to 92.5 feet. Wood curb; 8 inch do. C.W D galvanized iron casing to bottom. Never fairs. Sup-402 89 D Stone block curb; plies mill. Water reported from do. C.W 6 inch galvanized iron casing. Clay at surface. sand. 403 100.2 do. C.W S 6 inch gal- | Water reported from sand. Never fails . vanized iron casing. Clay at surface. Water reported 404 118.2 do. C, W D,S,I Stone block curb; 6 inch galvanized iron from sand. casing. Never fails. Clay at surface. Water reported 405 C,G, D 6 inch galvamized iron casing. Unable to from sand. 2 measure depth. Clay at surface. Water reported from 406 160.6 Feb. 20. C,W D Concrete block curb; 7 inch galvanized iron | sand. 1936 casing. Water reported from sand. Never fails. 407 161.5 do. C,W D.I Concrete block curb; 6 inch galvanized iron casing. Reported capacity, 30 gallons a minute. 259 Concrete block curb; 6 inch galvanized iron casing. 408 do. C,G, D,I З볼 Hard water reported from sand. Never fails.

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		Records of wells	<u>in Gillespie Co</u>	unty	Continu	10d.		
,		`	,	ì	Alti-	İ	1	Ī
No.	Distance	Owner	Driller	Date	tude	Depth	Diam-	Height of
	from			com-	above	·of	eter .	measuring
	Willow			ple-	sea	well	of	point a
	City			ted.	level	(ft.)	well	bove gro-
				:	/رو		(in.)	und (ft.)a/
409	19½ miles	Henry Klinkseik	Otto Tatsch	1908	1,706	209	6	0.5
	southwest		•		·			
e/410	21 miles	Beno Hohenburger	William	1913	1,765	360	8	0.3
	southwest	Ü	Neugebauer					

a/ Altitudes obtained by barometric reading.

b/ Measuring point was usually top of casing, top of pump base, top of well curb or top of casing clamp.

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

Elgean Shield . Project Superintendent.

	787- 4	- T1	12.46	COLL CITA	OLU 3 II O JOOD JUDOI IN CONCONTO						
		r Level		Anna decomposition ()	the second secon						
No.	Depth	Date of	Pump	Use	Remarks						
	below	measure-	and	of							
	measu	r- ment	power	water							
	ing point c/ d/										
	(feet			7							
409	115	Feb. 27,	C,W	D,I	Concrete block curb; 6 inch galvanized iron casing,						
	.	1936			Clay at surface.						
410	284	do.	C,W	D,I	Concrete block curb; 6 inch galvanized iron casing						
	ŀ				top to bottom. Good quality water reported from sand.						

d/I, irrigation; Ind, industrial; P, public; D, domestic; S, stock; N, not used.
e/ No water sample collected for analysis.
f/ Water level reported.

Driller's log of well 132a	. !	Driller's log of well 217aCont	
Layne-Texas Co., City of Fredericks	sburg.	Thickness	
$2\frac{1}{2}$ miles west of Fredericksburg.	_	(feet)	•
Thickness		; → 1	615
(feet)		1	
Top soil 2	2	with calcareous material - 165	780
Clay and gravel 6	8	Medium quartz and glauconi-	
Sandy clay 9	17	tic sand 120	900
Coarse sand 7	24	Dark brown, slightly calcar-	
Clay and gravel 4	28	eous sand 25	925
Rock 1	29	Light brown, calcareous sand 5	930
Sandy clay 7	36	Hon-calcareous quartz sand - 80	1010
White sand 1	37	Light pink quartz sand 120	1130
Red clay 11	48	Non-calcareous quartz sand - 35	1165
TOTAL DEPTH	48	Pink, calcareous sand 15	1180
		Sand 2	1132
Driller's log of well 217a		TOTAL DUPTH	1505
Thousand Island Oil Co., Hayden Est	tate 🟸		
8 miles west of Fredericksburg.	t	Driller's log of well 238a	
Clean quartz sand 31	31	Layne-Texas Co., City of Frederick	sburg.
White and pink limestone,		5 miles south of Fredericksburg.	~
water 123	154	Top soil 4	4
Pink sand 5	159	White sand 20	24
Fine, light brown sand 1	160	Gravel 14	38
Medium, light brown sand 3	163	Red clay 20	58
Coarse sand 3	166	TOTAL DEPTH	58
Pink sand 9	175		
Dark gray, glauconitic lime-		Driller's log of well 388a	
stone 5	180	Hixon-Dore Power Co., Andrew Lindi	g farm.
Fine, brown, quartz sand 4	184	14 miles southeast of Willow City.	
Light gray, glauconitic.		Soil 4	4
limestone 8	192	Lime 8	12
Brown and light gray, glau-		Yellow clay 6	18
conitic limestone 6	198	Lime 6	24
Light pink and gray, glau-		Blue shale 26	50
conitic limestone 6	204	Gray shale 50	100
Light gray, glauconitic lime-		Sandy lime 10	110
stone 25	229	Red bed 25	135
White and light gray, glau-		Sand, water 3	138
conitic limestone 20	249	Sandy lime 5	143
Medium grains of quartz and		Hard lime 42	185
limestone 4	253	Sandy lime, water 10	195
Pink and light gray, glau-		White lime 50	235
conitic limestone 24	277	Brown lime 5	240
Light pink and colorless		Gray lime 5	245
quartz sand 23	300	Sand, water 2	247
Dark gray, glauconitic sand-		Brown lime 13	260
stone 5	305	Gray lime 75	345
White and light gray, glau-		Lime, gray, white, blue	0.20
conitic limestone 5	310	species 60	405
Light gray, glauconitic lime-	1 1	Hard, gray lime 50	455
stone 25	435	Hard, brown lime 15	47C
Light gray, crystalline and		Brown and gray lime 17	487
glauconitic limestone 85	520	Water at around 500 feet.	±01
8	550	1	COE
Fine quartz sand and crys- talline calcite 25	545	White lime 198	685
	0+0	Light gray lime 25	710
Fine quartz sand cemented with calcareous material - 35	580	Hard, light gray line 40	760
with calcareous material - 35	580	(Continued on next page)	

Table of Drillers' Logs, Gillespie County--Continued.

Driller's log of well 338aCont	inued	Driller's log of well 388aCont	inuod
Thickness	Depth	Thickness	Depth
(feet)	(feet)	(feet)	(feet)
Light gray lime 16	776	(feet) White lime 8	923
Blue shale 2	778	Gumbo 2	925
Light colored lime 10	788	Lime and gumbo 6	931
Blue shale 1	789	White lime 2	953
Lime 9	798	Sandy, white lime 2	935
Blue shale 2	800	White lime 2	957
Lime 14	814	Pink mud 2	930
Blue gumbo 2	816	Mard, white lime 4	943
Light colored lime 12	828	Red mud 1	944
Blue shale 3	831	White line 2	946
White lime 4	835	Red mud 1	947
Blue shale 5	840	Lime, white, brown and blue	
Lime 2	842	specks 2	949
Blue, sticky shale 10	852	Red mud 1	950
Lime 4	856	Lime 2	952
Blue shale 6	862	Red mud 2	954
Sticky, blue shale 4	866	Sandy lime 1	955
White lime with brown specks 6	872	Red mud 5	960
Yellow gumbo 2	874	Thite lime 5	965
Brown lime 2	876	Pink mud 3	968
Blue shale 2	878	White lime 12	930
Lime 2	380	Blue shale 4	984
Pink mud 3	883	Light colored lime 15	999
White lime 2	805	Iron gravel and light gray	
Gray shale 5	890	lime 130	1129
White lime 3	893	Dark gray lime and very hard	
Gray shale 3	896	(gray granite) 2	1131
White lime 2	898	Dark gray line 4	1135
Gray shale 4	902	Hard, gray, dark lime, evi-	,
White lime 2	904	dently granite 15	1150
Pink mud 3	907	Hard lime 48	! 1 198
White lime 7	914	Lost tools.	
Gumbo 1	915		
-			
Drille	er's log	g of well 239a	
		by of Fredericksburg.	
		edoricksburg.	
Top soil 5	5 ,	Packed sand 12	55
Gravel 20	25	Red clay 4	59
Red clay 18	43	TOTAL DEPTH	59
	;	and the second control of the state of the second control of the s	30

Partial analyses of water from wells in Gillespie County, Texas

(Analyzed at The State University under the direction of Dr. E. P. Schoch, Director of the Bureau of Industrial Chemistry, by J. E. Stullken, C. R. Stewart, D. F. Riddell, and Alfred J. Kelly, Chemists, and J. A. Harmaza, Martin Wieland and Jack Ramsey, Assistant Chemists. Results are in parts per million. Well numbers correspond

to numbers in table of well records.)

te n	<u>umbers in table c</u>	of well	records.)								
		Depth		Total		Magnes-	- Sodium and				Total
Well	Owne r	of	Date	dissolved	Calcium	i.um			Sulphate		hardness
$I_{i}^{ au}$ O .		well	of	solids	(Ca)	(Mg)	(Na ≠ K)	(HCO3)	(SO ₄)	(C1)	as CaCO
		(feet)	collection	(calculated)			(calculated				(calculated)
1	J.M. Diuden	11.0	Mar. 5,1936	309	7	58	33	262	<u>e</u> /	80	257
2	Walter Itz	152	***	403	_	-		232	12	124	_
3	Archie Geistweid	lt 120	Mar. 4,1936		-	-	+-	244	<u>a</u> /	104	-
4	A.F. Faucht	123	do.	501	26	32	125	146	<u>a</u> /	245	194
5	Adolph Evers	185	Mar. 5,1936	305	50	46	1	220	<u>a</u> /	98	316
6	E.L. Gross	880	Mar. 4,1936	465		48	110	244	53	132	201
7	Jake Geistweidt	70	do.	226	_	_	-	183	<u>a/</u>	48	
8	John Geistweidt	241	do,	924	88	71	155	98	76	485	509
9		Spring	The state of the s	206	31	14	32	207	<u>a/</u>	26	136
10	Arnold Rode	60	do.	273	**	**	-	220	a/	58	
11	Mrs. Julius Lang			303	***	-	-	270	<u>a/</u>	50	•
14	Chas. Lekmann	41	Feb. 29,193		•	-	-	305	10	122	-
15	Eddie Hahn	121	do.	723	_	***	***	262	4 8	280	***
18	W.M. Rosenbusch	106	do.	350	-		-	293	8	62	**
19	do.	95	do.	339	18	53	41	299	10	68	262
20	Henry Baethge	740	do.	387	25	7	230	189	<u>a</u> /	31	91
21	do.	200	do.	567		-	<u></u>	214	21	230	
22	Will Baethge	184	do.	500	35	75	59	195	50	184	344
23	Alfred Duerst	79	Mar.10,1936	431		**		305	8	108	-
24	John Berener	870	Mar.11,1936	393	94	6	53	360	8	52	261
25	Louis Seiter	198	Mar.10,1936	188	2	34	18	207	<u>a</u> /	31	174
26	dr.	202	₫o.	221	15	22	41	171	14	44	128
27	Hahn Brothers	114	do.	174	8	24	28	171	<u>a/</u>	29	121
28	Carl Kroll	200	do.	256	2	36	50	232	<u>a/</u>	52	155
29	Oscar Weinheimer	r 271	Mar.12,1936	212	-	30	44	220	<u>a/</u>	28	124
30	Gus Teinheimer	128	do.	154	5	46	6	183	<u>a</u> /	46	201
31	L.M. Wilson	82	Feb.19,1936	183	_	-	-	134	<u>a</u> /	46	
32	Sam McCaleb	81	₫ი.	183	•	-	144	134	<u>a</u> /	46	-
3 3	B. Markwordt	69	do.	145	-		**	98	<u>a</u> /	41	
34	Arther S. Bauman	in 62	₫ 0.	190	13	27	23	122	а/	66	143
	,										

a/ Sulphate less than 10 parts per million.

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

Results are in parts per million

				Results are							
A.A.		Depth		Total		Magnes-		•		•	Total
Well	Owner	of	Date	dissolved	Calcium	ium	Potassium	bonate	Sulphate	Chloride	hardness
No.		well	of	solids	(Ca)	(Mg)	(Na ≠ K)	(HCO ₃)	(SO ₄)	(C1)	as CaCO,
		(feet)	collection	(calculated)			(calculated)		4		(calculated)
36	Willie A. Kaiser	54	Feb.19,1936	213	23,	22	29	134	a/	72	148
57	Mrs. E. Hickson	€4	do.	428	99	26	31	342	33	6 8	352
39	Walter Bierschwal	e 81	Mar.17,1936	271	29	19	48	122	12	102	152
40	Oscar Fiedler	120	do.	214	-	27	48	159	<u>a</u> /	60	110
41	John Heinemann	246	do.	281	61	22	15	159	<u>a</u> /	104	243
42	Bette Markwordt	211	do.	208	-	-	-	171	<u>a</u> /	43	<u> </u>
43	A. H. Kaiser	251	do.	234	÷	-	-	195	<u>a</u> /	47	**
44	Henry Moellendorf	200	do.	290	**	-	t o	256	<u>a</u> /	50	**
45	Fred Gammenthaler	114	do.	231	_	-	-	183	<u>a</u> /	51	-
46	Mrs. Tom McDougal	122	do.	340	· -	-	,,,,,,	356	<u>a</u> /	50	-
46a	Fred Gammenthaler	Sprin	g Feb.19,1936	3 214	21	19	37	159	<u>a</u> /	58	132
48	August Ernest	do.	do.	344	13	71	35	366	<u>a</u> /	42	283
49	Louis Feller,	89	Mar.13,1936	245	-	***	-	183	<u>a</u> /	60	**
50	August Earnest	283	do.	344	14	48	44	232	82	40	236
51	August Richner	190	do.	354	*	70	28	244	106	28	288
53	Jake Roeder	170	do.	339	_	-	•••	220	12	90	*
54	Chas. H. Roeder	87	do.	321	6	59	76	220	10	60	258
5 5	Chas. Roeder	151	do.	282		_		128	10	104	-
56	Emil Fritz	190	do.	305	T-1	-		220	8	72	
57	Herman Juenk	130	do.	327		**	***	268	8	60	-
58	Klein Estate	99	Mar.20,1936	451	•	-	-	268	55	84	
60	W.T. Zenner	100	do.	457	60	45	48	214	39	158	335
61	Morris Land Co.	68	do.	225	**	-	-	208	<u>a</u> /	34	4
62	do.	117	do.	516	40	**		378	20	112	-
63	Andrew Brandon	186	do.	497	_	-	-	427	33	62	-
64	August Lott	152	do.	387	7	64	47	244	71	76	278
65	Mrs. Laura Weigan	i 228	do.	362	13	57	38	220	86	58	267
66	Edwin Pfiester	134	do.	236	*	=		232	<u>a</u> /	28	-
67	W.M. Roeder	236	Mar.19,1936	353	21	50	45	317	47	32	256
68	Mrs. W. A. Peril	133	do.	350	36	29	56	159	a/	150	219
69	- Dittmar	137	do.	801	227	85		98	a/	440	933
70	Mrs. C.A. Spencer	39	do.	187	•		****	183	a/	23	
	Mr. C. A. Spencer	62	do.	199	18	34	13	220	<u>a</u> /	24	185
	Lewis Stevens	75	do.	142			**	134	a/	20	**
	a/ Sulphate less										
	2										

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

		77 4.9a	1	Results are				m. e	1	;	The test
a a		Depth	1	Total		Magnes-	ž		0.2.1.4	0. 1	Total
Well	Owner	$\circ f$	Date	dissolved	Calcium					Chloride	li de la companya de la companya de la companya de la companya de la companya de la companya de la companya de
No.		well	of	solids	(Ca)	(Nig)	(Na ≠ K)	(HCO3)	(50_4)	(C1)	as CaCO3
		<u> </u>	collection			! 	(calculated)		1	<u> </u>	(calculated)
73	Lewis Stevens	46						171	일/	22	-
74	do.	66	do.	143	24	5	26	110	<u>a/</u>	33	81
7 5a	W.M. Stovens	96	***	198		-	-49	183	<u>a/</u>	30	-
76	Fred Rahe	190	Mar.17,1936		6	38	52	232	<u>a/</u>	56	170
100	Adolph Marshall	45		304	_	-		268	a/	52	else .
101	Henry Keyser	38	Feb.29,1936		**	-		171	13	80	bright.
102	F.W. Lang Estate	56	Feb.29,1936	265	8	53	22	256	<u>a/</u>	54	239
103	Willie Mund	162	do.	398	12	73	41	293	<u>a/</u>	126	329
104	Archie Mund	23	do.	310	4.	-	-	268	<u>a/</u>	56	•••
105	Willie Mund	78	do.	274	_	_	-	244	a/	46	
106	Otto Hahn	129	do.	535	5	85	76	171	46	238	359
107	Anton Weinheimer	200	Mar. 5,1936	357	42	29	55	183	8	132	224
108	Joe Stehling Sr.		do.	209				195	<u>a/</u>	31	g
109	W.M. Fiedler	212	Feb.28,1936	228	18	24	40	220	a/	36	
110	Alfred J. Dittma		Feb.29,1936					342	a/	84	
111	Emil Welgehauser		Apr.16,1936		31	39	22	305	a/	25	237
112	do.	59	do.	35 5	46	51	21	311	<u>a/</u>	82	324
113	Henry Bruns	43	do.	365	eta	***	and the contract of the contra	305	a/	72	-
114	Adolph Ochler	134	do.	362	85	22	28	378	a/	38	303
115		137	do.	350	_			390	a/	17	
116	Beno Kramer	84	Apr.11,1936		82	46	31	500	10	30	396
117	do.	65	Apr.12,1936				-	366	a/	30	**
118	Henry King	156	do.	529	95	68	14	512	16	80	518
119	Mrs Jones	49	do.	379	-	****		390	a/	36	-
120	Emil Dickie	94	Apr.16,1936		58	48	21	427	<u>a</u> /	30	346
121	Ruben Durst	140	do.	357	42	29	60	305	a/	74	224
122	Adolph Stehling	155	Feb.28,1936		11	36	20	195	<u>a</u> /	42	175
123	Margaret Famblin		do.	185	10	27	28	201	<u>a</u> /	20	133
124	Henry Bernhardt	213	Mar.12,1936		2	26	38	189	a/	28	113
$\frac{127}{125}$	Edwin Reeh	114	do.	219			-	171	<u>≅</u> / a/	50	
126	Honey Creek Scho		Feb.19,1936		52	52	4	366	<u>26</u>	19	346
127	Gilbert Loudon	37	do.	365	14	77	21	403	24	28	349
128	Mrs. Fred Baeth			311	82	16	15	268	13	51	272
129	Alfred Klaemer	ge 127 66	uo.	320	<u>ο</u> ω	<u> </u>	7.0	256	10	60	<u> </u>
エビュ			30 nomb = = ===					ಒರಿ	<u> </u>	00	-
	<u>a</u> / Sulphate less	unan	To bares ber	mllion.							

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

Results are in parts per million.

				Results ar	e in par	ra ber m	ILLION.				
		Depth		Total		Magnes-	Sodium and	Bicar-			Total
Well	Owner	of	Date	dissolved	Calcium	ium	Potassium	bonate	Sulphate	Chloride	hardness
No.		well	of	solids	(Ca)	(Mg)	(Na ≠ K)	(HCO ₃)	(SO ₄)	(C1)	as CaCO3
		(feet)	collection	(calculated)		, ,,	(calculated)		, T		(calculated)
130	John Schlandt		Mar.12,1936	271		<u>-</u>	**	220	10	48	-
131	John Phillips	101	Mar.12,1936	285	-	63	36	244	8	56	258
132	Edd. Schandt	121	· ••	284		52	40	290	8	44	213
133	W.E. Smith	54	Feb.28,1936	468			international dissipation of the contract of t	305	a/	138	
134	William Knopp	63	do.	304	39	53	6	317	a/	48	
135	do.	66	do.	110	400	-	**************************************	98	a/	12	### ***
136	Richard Stehling	49	do.	445	-	-	way.	281	a/	136	-
137	Henry Arhelger	160	Apr.16,1936	530		***	**	500	a/	74	
138	Arthur Itz	36	Apr.11,1936	432	***		###	433	74	35	***
1.39	Itz Chrome Tanne	ry 49	do.	473	82	44	40	390	20	92	384
1.40	Palo Alto School	53	do.	539			-	537	20	43	na njigi na njekopa njemi na njemi na njekopa na programje njemi na njemi na njemi na njemi na njemi na njemi Danjar
141	Henry Franz	51	Apr.10,1936	400	***		***	305	14	82	HA.
142	Alfred Kordziek	137	Apr. 8,1936	395	62	44	21	445	a/	46	385
143	Alfred Henke	146	Apr.10,1936	396	65	44	31	452	a/	30	345 469
144	Herman Schmidt	23	do.	625	74	69	71	512	43	112	468
145	Ed Leifeste	59	do.	1,018	-	-		597	94	250	
146	Fritz Langham	196	Apr.12,1936	484	67	59	40	433	12	90	407
147	Mrs. Alfred Lehu	e 236	Apr.11,1936	496	83	56	33	513	16	52	438
148	Chas. Klaerner	24	do.	691			-	620	21	94	
149	Louis Rehn	174	Apr.16,1936	438		**************************************	*** .	488	a/	22	
150	Gustav Hoff	92	do.	486	-		**	500	a/	46	=
151	Jim Evers	108	₫o.	471		-	-	402	<u>a/</u>	88	-
152	Catholic Cemeter	y 160	Feb.13,1936	365	***	phop.	ec _e s	335	<u>a/</u>	56	-
153	W.M. Hitzfeld	137	do.	1,780	245	60	342	488	149	740	857
154	Walter Henke	101	Feb.14,1936	486	3	58	110	354	a/	138	247
155	Mrs. Albert Seel	ig 60	do.	993	**	60.	•••	195	108	435	_
156	August Doell	92	Apr. 2,1936	800	5	121	120	171	83	386	510
157	Emil Schoenewalt	75	Feb.14,1936	686	**		-	159	<u>a</u> /	355	_
158	Eugene Schmidt	72	do.	732		92	148	171	42	365	377
159	Hugo Wahl	81	May 25,1936	3,334	98	239	836	67	278	1,850	1,229
160	Mrs. Lewis Bruns	119	Feb. 14,1936	2,008		153	560	183	224	980	630
161	Louis Koff	418	do.	378	8	65	47	232 .	<u>a</u> /	142	288
162	Hugo Kallenberg	125	do.	1,240			-	256	125	545	*
163	Stein Ice Factor	y 80	Feb.13,1936	660		85	133	189	23	325	347
	a/ Sulphoto logg	than '	10								

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

No. Owner					Results ar	e in part	s per m	illion.				
No. Well Of Solids (Ca) (Mg) (Na f K) (HOO.3) (SO.4) C1 Na CaCO3 (calculated)			Depth			9 5	Magnes-	Sodium and	Bicar-		1	Total
	Well	Owner	of	Date	${\tt dissolved}$	Calcium	ium	Potassium		Sulphate	Chloride	hardness
	No.		well	of	solids	(Ca)	(Mg)	(Na ≠ K)	(HCO ₇₂)	(50_4)	(C1)	as CaCO3
165 Ben Hagel 104 Feb. 8,1936 533 - 256 37 132 - 167 Albert Moellendorf 29 Feb. 7,1936 224 208 3/ 33 - 208 3/ 33 - 168 Ernest Wilke Sr. 48 do. 634 115 105 52 403 21 340 718 168 Tunverein Club 34 Feb. 13,1936 663 - 171 54 285 - 170 Mrs. Cora Habenicht 99 do. 618 89 64 57 421 36 152 488 171 Walter Molleter 101 do. 1,343 158 109 216 543 159 500 843 173 R.S. Klett 108 do. 1,443 158 109 216 543 159 500 843 174 174 175			(feet)	collection (calculated)			(calculated)				(calculated)
166 Ben Hagel 104 Feb. 6,1936 533 403 a / 128 167 Albert Mellendorf 29 Feb. 7,1936 224 208 a / 33 - - 208 a / 33 - - 208 a / 33 - - - 208 a / 340 718 168 Ernest Wilke Sr. 48 do. 834 115 105 52 403 21 340 718 169 Turnverein Club 34 Feb.13,1936 663 - 171 54 228 - - -	164	Stein Ice Factor	y 211	Feb.13,1936	467	12	72	65	256	16	174	329
168 Ernest Wilke St. 48 do. 634 115 105 52 403 21 340 718 169 Turnverein Club 34 Feb. 13,1936 663 - 171 54 265 - 170 Mrs. Cors Habenicht 99 do. 618 89 64 57 421 36 162 488 171 Walter Kolmeier 101 do. 1,343 159 57 267 452 141 493 632 172 Mrs. Henry Schleuter 101 do. 1,413 158 109 216 543 159 500 643 173 R.S. Klett 108 do. 1,643 195 334 334 482 149 655 748 174 Dima Priess Estate 91 do. 1,835 218 11 342 390 179 890 1,014 175 Mrs. Jec Segner 62 do. 1,256 68 52 326 512 74 460 436 176 E.C. Ottens 84 do. 1,154 120 43 251 305 153 455 475 177 Cemetry 59 Feb. 12,1936 390 244 4 120 - 179 Alfred Klaerner 62 Feb. 13,1936 904 182 43 100 451 44 310 650 180 Mrs. F.H. Hitzfeld 36 do. 1,031 138 82 154 427 84 410 680 181 Jim Raff 95 Feb. 12,1936 1,104 186 155 - 86 50 670 1,099 182 Henry Ruff 28 Feb. 11,1936 1,325 94 155 178 342 127 600 870 184 Hotel Nimitz 26 Feb. 25,1936 3,335 748 435 100 342 342 342 343 187 Blum Estate 86 Feb. 25,1936 3,335 74 43 51 52 52 52 52 52 188 Henry Ruff 28 60 315 342 10 300 - 185 Gillespie Co.Well	165	Mrs. Jacob Kraus	143	Feb.14,1936	470	-	**	-	256	37	132	_
168 Ernest Vilke Sr. 48 do. 834 115 105 52 403 21 340 718 169 Turnverein Club 34 Feb.13,1936 663 - - - 171 54 285 - 170 Mrs. Cora Habenicht 99 do. 618 89 64 57 421 36 162 488 171 Walter Kolmeier 101 do. 1,343 159 57 267 452 141 493 632 172 Mrs. Henry Schleuter 101 do. 1,443 158 109 216 543 159 500 843 173 R.S. Klett 108 do. 1,635 216 11 352 390 179 690 1,014 174 Dina Priess Estate 91 do. 1,835 218 11 352 390 179 890 1,014 175 Mrs. Joe Segner 82 do. 1,256 68<	166	Ben Hagel	104		533	•		-	403	a/	128	
Turnverein Club	167	Albert Moellendo	rf 29	Feb. 7,1936					208		33	-
170 Mrs. Cora Habenicht 99 do. 618 89 64 57 421 36 162 488 171 Walter Kolmeier 101 do. 1,343 159 57 267 452 141 493 632 172 Mrs. Henry Schleuter 101 do. 1,413 158 109 216 543 159 500 843 173 R.S. Klett 108 do. 1,643 195 334 334 482 149 655 748 174 Dina Priess Estate 91 do. 1,835 218 11 342 390 179 890 1,014 175 Mrs. Joe Segner 82 do. 1,256 88 52 326 512 74 460 436 176 E.C. Ottens 84 do. 1,154 120 43 251 305 155 435 475 177 Cemetery 59 Feb.12,1936 390 244 34 120 - 179 Alfred Klaerner 62 Feb.13,1936 904 182 43 100 451 44 310 630 180 Mrs. F.H. Hitzfeld 36 do. 1,081 138 82 154 427 84 410 680 181 Jim Ruff 95 Feb.12,1936 1,104 186 155 - 86 50 670 1,099 182 Henry Ruff 28 Feb.11,1936 632 - - 195 12 290 - 184 Hotel Nimitz 26 Feb.12,1936 767 - - 342 10 300 - 185 Gillespie Co. Well #2 37 Feb.11,1936 1,325 94 155 178 342 127 600 870 186 Henry C. Maier 82 do. 315 - - 281 10 44 - 186 422 187 Blum Estate 86 Feb.25,1936 303 7 43 52 262 12 58 195 188 Henry C. Maier 82 do. 491 - - 413 10 86 - 191 Eddie Stein 146 do. 819 107 51 139 512 422 476 192 Earnest Peterman 13 do. 641 12 65 144 171 2/ 335 298 195 186 187	168		48			115	105	52	403	21	340	718
171 Walter Kolmeier 101 do. 1,343 159 57 267 452 141 493 632 172 Mrs. Henry Schleuter 101 do. 1,413 158 109 216 543 159 500 843 173 R.S. Klett 108 do. 1,643 195 334 334 482 149 655 748 174 Dina Priess Estate 91 do. 1,835 218 11 342 390 179 890 1,014 175 Mrs. Joe Segner 82 do. 1,256 88 52 326 512 74 460 436 176 E.C. Ottens 84 do. 1,154 120 43 251 305 153 435 475 177 Gemetery 59 Feb.12,1936 390 244 a/ 120 - 179 Alfred Klaerner 62 Feb.13,1936 904 182 43 100 451 44 310 630 180 Mrs. F.H. Hitzfeld 36 do. 1,081 138 82 154 427 84 410 680 181 Jim Ruff 95 Feb.12,1936 1,104 186 155 - 86 50 670 1,099 182 Henry Ruff 28 Feb.11,1936 632 - - 195 12 290 - 184 Hotel Nimitz 26 Feb.12,1936 767 - - 342 10 300 - 185 Gillespie Co.Well	169				663			prior .	171	54	285	***
172 Mrs. Henry Schleuter 101 do. 1,413 158 109 216 543 159 500 843 173 R.S. Klett 108 do. 1,643 195 334 334 482 149 655 748 174 Dina Priess Estate 91 do. 1,835 218 11 342 390 179 890 1,014 175 Mrs. Joe Segner 82 do. 1,256 68 52 326 512 74 460 435 176 E.C. Ottens 84 do. 1,154 120 43 251 305 153 435 475 177 Cemetery 59 Feb.12,1936 390 -	170		.cht 99	do.	618			57	421	36	162	488
173 R.S. Klett 108 do. 1,643 195 334 334 482 149 655 748 174 Dina Priess Estate 91 do. 1,335 218 11 3.52 390 179 890 1,014 175 Mrs. Joe Segner 82 do. 1,256 88 52 326 512 74 460 436 176 E.C. Ottens 84 do. 1,154 120 43 251 305 153 435 475 177 Cemetery 59 Feb.12,1936 390 244 3/ 120 - 179 Alfred Klaerner 62 Feb.13,1936 904 182 43 100 451 44 310 630 180 Mrs. F.H. Ritzfeld 36 do. 1,081 138 82 154 427 84 410 680 181 Jim Ruff 95 Feb.12,1936 1,104 186 155 - 86 50 670 1,099 182 Henry Ruff 28 Feb.11,1936 632 - 195 12 290 - 184 Hotel Nimitz 26 Feb.12,1936 767 - 342 10 300 - 185 Gillespie Co.Well	171											632
174 Dina Priess Estate 91 do. 1,835 218 11 342 390 179 890 1,014 175 Mrs. Joe Segner 82 do. 1,256 88 52 326 512 74 460 436 176 E.C. Ottens 84 do. 1,154 120 43 251 305 153 435 475 177 Cemetery 59 Feb.12,1936 390 244 3/ 120 - 179 Alfred Klaerner 62 Feb.13,1936 904 182 43 100 451 44 310 630 180 Mrs. F.H. Hitzfeld 36 do. 1,081 138 82 154 427 84 410 680 181 Jim Ruff 95 Feb.12,1936 1,104 186 155 - 86 50 670 1,099 182 Henry Ruff 28 Feb.11,1936 632 - 195 12 290 - 184 Hotel Nimitz 26 Feb.12,1936 767 - - 342 10 300 - 185 Gillespie Co.Well #2 37 Feb.11,1936 1,325 94 155 178 342 127 600 870 186 Gillespie Co.Well #1 107 - 418 6 99 16 342 a/ 126 422 187 Blum Estate 86 Feb.25,1936 303 7 43 52 262 12 58 195 188 Henry C. Maier 82 do. 315 - - - 281 10 44 - 190 Fair Grounds 122 do. 491 - - - 413 10 86 - 191 Eddie Stein 146 do. 819 107 51 139 512 42 224 476 192 Earnest Peterman 113 do. 641 12 65 144 171 2/ 335 298 193 Gus Siggel 91 do. 717 - - - - 146 12 370 - 194 Alfred Sauer 103 do. 443 24 58 69 256 10 154 297 195 Edward Peterman 72 do. 250 47 29 7 159 10 78 235 196 Albert Klein 84 Feb. 6,1936 420 37 80 28 354 a/ 98 240 198 Eurolet Remer 116 Feb. 7,1936 446 44 58 49 390 16 84 347 198 Elmigs Estate 82 Feb. 6,1936 412 112 33 3 198 a/ 66 416												
175 Mrs. Joe Segner 82 do. 1,256 88 52 326 512 74 460 436 176 E.C. Ottens 84 do. 1,154 120 43 251 305 153 435 475 177 Cemetery 59 Feb.12,1936 390 244 34 120 - 179 Alfred Klaerner 62 Feb.13,1936 904 182 43 100 451 44 310 630 180 Mrs. F.H. Hitzfeld 36 do. 1,081 138 82 154 427 84 410 680 181 Jim Ruff 95 Feb.12,1936 1,104 186 155 - 86 50 670 1,099 182 Henry Ruff 28 Feb.11,1936 632 195 12 290 - 184 Hotel Nimitz 26 Feb.12,1936 767 342 10 300 - 185 Gillespie Co.Well 237 Feb.11,1936 1,325 94 155 178 342 127 600 870 186 Gillespie Co.Well 107 - 418 66 99 16 342 34 126 422 187 Blum Estate 86 Feb.25,1936 303 7 43 52 262 12 58 195 188 Henry C. Maier 82 do. 315 - - 281 10 44 - 189 August Borchers 170 do. 331 - 48 65 293 8 64 197 190 Fair Grounds 122 do. 491 - - - 413 10 86 - 191 Eddie Stein 146 do. 819 107 51 139 512 42 224 476 192 Earnest Peterman 113 do. 641 12 65 144 171 a 335 298 193 Gus Siggel 91 do. 717 - - - 146 12 370 - 194 Alfred Sauer 103 do. 443 24 58 69 256 10 154 297 195 Edward Peterman 72 do. 250 47 29 7 159 10 78 235 196 Lindig Estate 82 Feb. 6,1936 442 33 3 198 a 66 416 198 Lindig Estate 82 Feb. 6,1936 442 112 33 3 198 a 66 416 198 Lindig Estate 82 Feb. 6,1936 442 112 33 3 198 a 66 416 199 Lindig Estate 82 Feb. 6,1936 442 112 33 3 198 a 66 416 190 Lindig Estate 82 Feb. 6,1936 412 112 33 3 198 a 66 416 190 Lindig Estate 82 Feb. 6,1936 412 112 33 3 198 a 66 416 190 Lindig Estate 82 Feb. 6,1936 412 112 112 33	173			do.							655	748
176 E.C. Ottens	174	Dina Priess Esta	ite 91	do.	1,835						890	1,014
177 Cemetery 59 Feb.12,1936 390 - - - 244 3 120 - 179 Alfred Klaerner 62 Feb.13,1936 904 182 43 100 451 44 310 630 630 180 Mrs. F.H. Hitzfeld 36 do. 1,081 138 82 154 427 84 410 680 181 Jim Ruff 95 Feb.12,1936 1,104 186 185 - 86 50 670 1,099 182 Henry Ruff 28 Feb.11,1936 632 - - - 195 12 290 - 184 Hotel Nimitz 26 Feb.12,1936 767 - - 342 10 300 - 185 Gillespie Co.Well #2 37 Feb.11,1936 1,325 94 155 178 342 127 600 870 186 Gillespie Co.Well #2 37 Feb.11,1936 1,325 94 155 178 342 127 600 870 186 Gillespie Co.Well #1 107 - 418 6 99 16 342 3 2 2 2 2 2 2 2 2		Mrs. Joe Segner										
189	176	E.C. Ottens	84			120	43	251		153	435	475
180 Mrs. F.H. Hitzfeld 36	177			Feb.12,1936					244	<u>a</u> /	120	•••
181 Jim Ruff 95 Feb.12,1936 1,104 186 155 - 86 50 670 1,099 182 Henry Ruff 28 Feb.11,1936 632 - - - 195 12 290 - 184 Hotel Nimitz 26 Feb.12,1936 767 - - - 342 10 300 - 185 Gillespie Co.Well #2 37 Feb.11,1936 1,325 94 155 178 342 127 600 870 186 Gillespie Co.Well #1 107 - 418 6 99 16 342 a/ 126 422 187 Blum Estate 86 Feb.25,1936 303 7 43 52 262 12 58 195 188 Henry C. Maier 82 do. 315 - - - 281 10 44 - 189 August Borchers 170<	179			Feb.13,1936				100			310	
Record R	180		eld 36					154	427	84	410	680
184 Hotel Nimitz 26 Feb.12,1936 767 - - - 342 10 300 - 185 Gillespie Co.Well #2 37 Feb.11,1936 1,325 94 155 178 342 127 600 870 186 Gillespie Co.Well #1 107 - 418 6 99 16 342 a/ 126 422 187 Blum Estate 86 Feb.25,1936 303 7 43 52 262 12 58 195 188 Henry C. Maier 82 do. 315 - - - 281 10 44 - 189 August Borchers 170 do. 331 - 48 65 293 8 64 197 190 Fair Grounds 122 do. 491 - - - 413 10 86 - 191 Eddie Stein 146						186	155	_				1,099
185 Gillespie Co.Well #2 37 Feb.11,1936 1,325 94 155 178 342 127 600 870 186 Gillespie Co.Well #1 107 - 418 6 99 16 342 a/ 126 422 187 Blum Estate 86 Feb.25,1936 303 7 43 52 262 12 58 195 188 Henry C. Maier 82 do. 315 281 10 44 - 189 August Borchers 170 do. 331 - 48 65 293 8 64 197 190 Fair Grounds 122 do. 491 413 10 86 - 191 Eddie Stein 146 do. 819 107 51 139 512 42 224 476 192 Earmest Peterman 113 do. 641 12 65 144 171 a/ 335 298 193 Gus Siggel 91 do. 717 - 146 12 370 - 194 Alfred Sauer 103 do. 443 24 58 69 256 10 154 297 195 Edward Peterman 72 do. 250 47 29 7 159 10 78 235 196 Albert Klein 84 Feb. 6,1936 420 37 80 28 354 a/ 98 240 197 Eugene Kramer 116 Feb. 7,1936 446 44 58 49 390 16 84 347 198 Lindig Estate 82 Feb. 6,1936 412 112 33 3 198 a/ 66 416	182	Henry Ruff	28	Feb.11,1936				-	195	12	290	-
186 Gillespie Co.Well #1 107 418 6 99 16 342 a/ 126 422 187 Blum Estate 86 Feb.25,1936 303 7 43 52 262 12 58 195 188 Henry C. Maier 82 do. 315 - - - 281 10 44 - 189 August Borchers 170 do. 331 - 48 65 293 8 64 197 190 Fair Grounds 122 do. 491 - - - 413 10 86 - 191 Eddie Stein 146 do. 819 107 51 139 512 42 224 476 192 Earnest Peterman 113 do. 641 12 65 144 171 a/ 335 298 193 Gus Siggel 91 do. 717 -												
187 Blum Estate 86 Feb.25,1936 303 7 43 52 262 12 58 195 188 Henry C. Maier 82 do. 315 - - - 281 10 44 - 189 August Borchers 170 do. 331 - 48 65 293 8 64 197 190 Fair Grounds 122 do. 491 - - - 413 10 86 - 191 Eddie Stein 146 do. 819 107 51 139 512 42 224 476 192 Earnest Peterman 113 do. 641 12 65 144 171 a/ 335 298 193 Gus Siggel 91 do. 717 - - - 146 12 370 - 194 Alfred Sauer 103 do. 250 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>												
188 Henry C. Maier 82 do. 315 - - - 281 10 44 - 189 August Borchers 170 do. 331 - 48 65 293 8 64 197 190 Fair Grounds 122 do. 491 - - - 413 10 86 - 191 Eddie Stein 146 do. 819 107 51 139 512 42 224 476 192 Earnest Peterman 113 do. 641 12 65 144 171 a/ 335 298 193 Gus Siggel 91 do. 717 - - - 146 12 370 - 194 Alfred Sauer 103 do. 443 24 58 69 256 10 154 297 195 Edward Peterman 72 do. 250 47 29 7 159 10 78 235 196												
189 August Borchers 170 do. 331 - 48 65 293 8 64 197 190 Fair Grounds 122 do. 491 - - - 413 10 86 - 191 Eddie Stein 146 do. 819 107 51 139 512 42 224 476 192 Earnest Peterman 113 do. 641 12 65 144 171 a/2 335 298 193 Gus Siggel 91 do. 717 - - - 146 12 370 - 194 Alfred Sauer 103 do. 443 24 58 69 256 10 154 297 195 Edward Peterman 72 do. 250 47 29 7 159 10 78 235 196 Albert Klein 84 Feb. 6,1936 420 37 80 28 354 a/2 98 240 197 Eugene Kramer 116 Feb. 7,1936 446 44 58 49 390 16 84 347 198 Lindig Estate 82 Feb. 6,1936 412 112 33 3 198 a/2 66 416 197 198 Lindig Estate 82 Feb. 6,1936 412 112 33 3 198 a/2 66 416 197 198 Lindig Estate 82 Feb. 6,1936 412 112 33 3 198 a/2 66 416 198 Lindig Estate 82 Feb. 6,1936 412 112 33 3 198 a/2 66 416 197 198 197						7	43	52				195
190 Fair Grounds 122 do. 491 - - - 413 10 86 - 191 Eddie Stein 146 do. 819 107 51 139 512 42 224 476 192 Earnest Peterman 113 do. 641 12 65 144 171 a/ 335 298 193 Gus Siggel 91 do. 717 - - - 146 12 370 - 194 Alfred Sauer 103 do. 443 24 58 69 256 10 154 297 195 Edward Peterman 72 do. 250 47 29 7 159 10 78 235 196 Albert Klein 84 Feb. 6,1936 420 37 80 28 354 a/ 98 240 197 Eugene Kramer 116 Feb. 7,1936 446 44 58 49 390 16 84 347 198 Lindig Estate 82 Feb. 6,1936 412 112 33 3 198 a/ 66 416						-						4
191 Eddie Stein 146 do. 819 107 51 139 512 42 224 476 192 Earnest Peterman 113 do. 641 12 65 144 171 a/ 335 298 193 Gus Siggel 91 do. 717 - - - 146 12 370 - 194 Alfred Sauer 103 do. 443 24 58 69 256 10 154 297 195 Edward Peterman 72 do. 250 47 29 7 159 10 78 235 196 Albert Klein 84 Feb. 6,1936 420 37 80 28 354 a/ 98 240 197 Eugene Kramer 116 Feb. 7,1936 446 44 58 49 390 16 84 347 198 Lindig Estate 82 Feb. 6,1936 412 112 33 3 198 a/ 66 416		August Borchers		do.		_	48	65				197
192 Earnest Peterman 113 do. 641 12 65 144 171 a/ 335 298 193 Gus Siggel 91 do. 717 - - - 146 12 370 - 194 Alfred Sauer 103 do. 443 24 58 69 256 10 154 297 195 Edward Peterman 72 do. 250 47 29 7 159 10 78 235 196 Albert Klein 84 Feb. 6,1936 420 37 80 28 354 a/ 98 240 197 Eugene Kramer 116 Feb. 7,1936 446 44 58 49 390 16 84 347 198 Lindig Estate 82 Feb. 6,1936 412 112 33 3 198 a/ 66 416												
193 Gus Siggel 91 do. 717 - - - 146 12 370 - 194 Alfred Sauer 103 do. 443 24 58 69 256 10 154 297 195 Edward Peterman 72 do. 250 47 29 7 159 10 78 235 196 Albert Klein 84 Feb. 6,1936 420 37 80 28 354 a/ 98 240 197 Eugene Kramer 116 Feb. 7,1936 446 44 58 49 390 16 84 347 198 Lindig Estate 82 Feb. 6,1936 412 112 33 3 198 a/ 66 416	191	Eddie Stein		do.	819							
194 Alfred Sauer 103 do. 443 24 58 69 256 10 154 297 195 Edward Peterman 72 do. 250 47 29 7 159 10 78 235 196 Albert Klein 84 Feb. 6,1936 420 37 80 28 354 a/ 98 240 197 Eugene Kramer 116 Feb. 7,1936 446 44 58 49 390 16 84 347 198 Lindig Estate 82 Feb. 6,1936 412 112 33 3 198 a/ 66 416				. do.		12	65	144				298
195 Edward Peterman 72 do. 250 47 29 7 159 10 78 235 196 Albert Klein 84 Feb. 6,1936 420 37 80 28 354 a/ 98 240 197 Eugene Kramer 116 Feb. 7,1936 446 44 58 49 390 16 84 347 198 Lindig Estate 82 Feb. 6,1936 412 112 33 3 198 a/ 66 416	193	Gus Siggel	91	do.	717				146	12	370	
196 Albert Klein 84 Feb. 6,1936 420 37 80 28 354 a/ 98 240 197 Eugene Kramer 116 Feb. 7,1936 446 44 58 49 390 16 84 347 198 Lindig Estate 82 Feb. 6,1936 412 112 33 3 198 a/ 66 416	194	Alfred Sauer	103	do.	443	24	58	69	256			
197 Eugene Kramer 116 Feb. 7,1936 446 44 58 49 390 16 84 347 198 Lindig Estate 82 Feb. 6,1936 412 112 33 3 198 a/ 66 416	195	Edward Peterman										
198 Lindig Estate 82 Feb. 6,1936 412 112 33 3 198 a/ 66 416		Albert Klein	84									
	197	Eugene Kramer	116	Feb. 7,1936	446	44		49	390	16	84	347
199 Mrs. J.G. Kaiser 140 Feb. 4,1936 458 96 52 7 184 25 94 453	198	Lindig Estate	82	Feb. 6,1936	412	112		3	198	<u>a</u> /		
	199	Mrs. J.G. Kaiser	140	Feb. 4,1936	458	96	52	7	184	25	94	453

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

					are in pa	irts per	r million.				
		Depth		Total .		Magnes.	- Sodium and	Bicar-			Total
Well	Owner	of	Date	dissolved	Calcium	ium	Potassium	honate	Sulphate	Chloride	hardness
No.		well	of	solids	(Ca)	(Mg)	(Na ≠ K)	(HCO ₃)	(SO ₄)	(Cl)	as CaCO ₃
		(feet)	collection	calculated)		-	(calculated)				calculated)
200	Mrs. Joe Segner	109	Feb. 4,1936	452	87	46	27	210	<u>a</u> /	82	407
201 1	Mrs.Marie Metzger	Est.8	5 Feb.5,1936	423	112	35	5	196	a/	75	425
201a	- Gellerman	92	Feb. 6,1936	435	65	55	27	403	19	68	387
201b	Harry Korzik	95	do.	426	64	52	29	415	15	59	376
201c	Henry Franz	90	.do.	279	79	16	8	268	<u>a</u> /	42	262
202	Charley Kiehne	93	Apr. 8, 1936	30 7	14	41	50	256	a/	74	205
203	B. L. Enderley	97	Apr. 1,1936	1,592	-	-	-	220	157	760	~
204	Martin Schultz	26	do.	381	37	47	45	305	18	82	286
205	H.W. Breautigam	119	do.	770	-	_	-	220	84	300	••
206	Harry Breautigam	87	do.	749		-	_	281	45	290	-
207	Rudolph Habenich	t 126	Mar.18,1936	1,175	141	47	240	488	113	390	5 4 6
208	Max Breautigam	71	Mar.28,1936	647	65	66	90	439	59	148	435
209	Emil Breautigam	68	Feb.27,1936	1,499	21	65	3 38	146	12	990	-
210	Earnest Kallenber	rg 90	Mar.28,1936	810	105	35	160	525	74	174	404
211	Otto Stoffers	63	do.	7,052	432	441	1,590	305	387	4,050	2,893
214	D.M. Miller	44	Feb.13,1936	898	64	138	50	98	92	505	727
215	Alfred Kunz	106	Mar.13,1936	730	_		-	213	38	320	-
217	Otto Marshall	49	do.	1,599	46	94	417	85	180	820	501
218	Morris Land Co.	283	Mar.12,1936	230	11	34	27	232	<u>a</u> /	38	185
219	do.	144	Mar.13,1936	293		_		268	a/	45	~
220	Alphons Feller	73	Mar.20,1936	366	9	52	58	268	47	66	237
221	G.G. Sifford	57	Mar.27,1936	459	-	-	_	256	97	70	i.e.
222	Adelbert Weber	84	do.	305	10	44	48	262	16	56	205
223	Mrs.Caroline Web	er 91	do.	313	**		70	274	10	46	•••
224	Mrs. Weber	34	do.	1,183	-			110	55	655	-
225	Emil Freitag	58	do.	308	-	_	-	268	12	44	
226	Mrs. Emil Eckert	64	Mar.31,1936	544	34	71	74	427	74	78	376
227	Carl Hilker	130	Mar.27,1936	277	11	41	42	268	a/	49	198
228	Edmund Grenwelge	110	Mar.13,1936	892	12	75	224	195	39	445	340
229	Mrs. Annie Washi				28	147	239	415	86	990	1,304
230	Emil Breautigam	39	Apr.1,1936	333	-	-	-	220	16	82	-
231	Emil Esensee	31	May 9,1936	364			***	147	37	122	
232	Rufus Kneese	47	Apr.1,1936	502		_	-	86	23	255	-
233	Emil Hartman	46	do.	545	80	45	66	378	39	126	385
	a/Sulphate less	than	10 parts per	million.					***************************************		

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

		Depth		Total		Magnes-	Sodium and	Bicar-			Total
Well	Owne r	of	Date	dissolved	Calcium				Sulphate	Chloride	hardness
No.	Owner	well	of	solids	(Ca)	(Mg)	(Na / K)	(HCO ₃)	(SO_4)	(C1)	as CaCO,
* CM		(feet)	collection ((04)	(200)	(calculated)	(11003)	(104)	(01)	(calculated)
234	Henry Mogford	201	Apr. 1,1936	640	24	78	108	232	49	265	380
235	R.W. Kneese	82	do.	344	24	37	57	244	20	84	215
236	City of Frederic			458	51	48	57	268	10	158	328
,	burg. Well #2										
237	City of Frederic		Mar.27,1936	850	-	***		195	210	250	
	burg. Well #1		•								
238	Otto Breautigam	122	Feb.27,1926	291	_			201	a/	80	-
239	**	37	Mar.28,1936	394	44	47	41	281	35	87	301
240	Hilma Henke	101	Mar.27,1936	647	***	-		244	153	146	-
241	do.	151	do.	556	4	80	7 8	207	193	98	340
242	Chester Baum	Spring	do.	332		**		250	51.	34	***
243	Emil Roeder	110 .	Mars. 1956.	527	14	72	71	268	166	70	334
244	August Kott	197	do.	617	47	66	72	220	240	82	388
245	Mrs. Earnest Kot	t 234	M 07 1086	う り 335	14	44	52	244	47	56	215
246	Walter Kott	244	Mar.31,1936	671	74	66	85	378	215	42	458
247	R.C. Baum	224	do.	494	74	52	36	391	101	36	397
248	Edmund Kott	128	do.	584	58	61	64	317	1 81	62	398
249	- Weirich	231	do.	708	74	76	68	427	235	42	496
250	William Eckert	78	do.	708	66	86	64	354	211	104	516
251	Richard Hubort	220	do.	718	84	74	81	476	121	120	511
252	Adolph Steiler	221	Mar.28,1936	438	44	47	46	305	86	43	301
253	do.	157	do.	546	102	49	37	390	39	124	456
254	Richard Schmidt	240	do.	653	82	74	55	415	129	106	506
255	Josephine Hahn	127	Feb.25,1936	582	444		-	220	12	245	
256	Mrs. Richard Hal	n 40	do.	483	_	**	-	287	20	140	
25 7	H.C. Keese	45	do.	344			+-	29 3	8	58	_
258	Martin Keller	151	Mar.27,1936	292	***	60	31	305	10	39	248
300	Mrs. Mary Knopf	133	Apr.11,1936	646	76	78	78	518	47	118	469
301	F.B. Riley	44	do.	731	**	-	_	470	45	178	***
302	Felix Kuhlman	45	do.	514	_	_	***	415	23	88	
303	do.	29	do.	688	94	124	14	536	<u>a/</u>	188	6 7 5
304	Frank Harvey	73	do.	342	49	39	33	390	<u>a</u> /	26	285
305	Arthur Peterson	79	do.	1,215			_	378	129	460	
306	4	160	do.	262			-	256	<u>a</u> /	31	-

42

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

~				Results are	in parts	per mi	llion.				
		Depth		Total		Magnes-	- Sodium and	Bicar-			Total
Well	Owner	\mathbf{of}	Date	dissolved	Calcium	ium	Potassium		Sulphate	Chloride	hardness
No.		well	of	solids	(Ca)	(Mg)	(Na ≠ K)	(HCO3)	(SO ₄)	(C1)	as CaCO ₃
		(feet)		(calculated)			(calculated)	-		calculated)
307	Dabney Estate	74	Apr.10,1936	662	149	120	-	366	12	198	865
308	Albert Kolmeir	76	do.	230	68	10	8	232	a/	28	211
309	William Kolmeir	169	do.	1,153	172	17	2 50	438	30	465	501
310	Dave Mochle	89	do.	939	-		-	122	62	480	
311	I.W. Lee	52	do.	744	40	10	840	488	90	120	141
312	_do.	119	do.	790	_	-		354	136	194	_
313	Ben F. Thomas	81	do.	942	161	15	181	281	<u>a</u> /	445	462
314	T.H. Lawrence	32	do.	587	95	24	92	207	43	230	338
315	J.W. Thomas	134	do.	466	4-11	_	-	342	12	106	***
316	do.	32	do.	3,691	334	209	760	696	250	1,790	1,696
317	- Hohman	€64	do.	330	_	-		305	12	39	
318	H.J. Robinson	55	Feb.21,1936		_	**	-	214	<u>a</u> /	54	-
319	do.	56	Feb.20,1936		8	29	23	195	a/	56	189
320	J.H. Burrier	36	do.	273	**	***	-	195	<u>a</u> /	72	
321	C.E. Willowford	44	do.	241	*	43	35	226	а/	50	178
322	Henry Horlen	46	do.	208	5	38	20	122	10	74	171
324	Mrs. Henry Horle	n 160	Apr.23,1936	442	85	34	43	464	<u>a</u> ,/	48	35 3
325	- Suedeymer	123	Apr. 9,1936	1,302	_	-	-	220	51	670	-
326	Albert Immel	176	do.	390	_	48	88	293	<u>a</u> /	108	202
328	Rudolph Pressler	92	do.	667	**	-	-	488	<u>a</u> /	168	-
329	Louis Eckhardt	191	do.	410	4	70	46	281	<u>a</u> /	150	341
330	Edgar Ottmers	249	do.	655	_	_		263	33	250	-
331	R.W. Danz	464	do.	517	8	80	79	305	18	180	350
332	Llano Bank	224	do.	658	-	_	-	281	133	152	_
333	Charles Mohr	270	do.	506	-	97	54	366	70	102	400
334	Marvin Mohr	181	do.	544	74	68	44	536	16	74	465
336	Alfred Ottmers	75	do.	446	28	70	46	390	39	68	359
337	Unknown	83	do.	308	-	-		244	<u>a</u> /	68	-
338	Max Kunz	121	Apr.10,1936	398	62	52	51	414	<u>a</u> /	26	366
339	State Highway De	pt.Spr	ing Feb.20,1	936 219	-	_		207	<u>a</u> /	30	_
340	Otto Grobe	50	do.	703	112	120	-	500	43	178	775
341	Albert Segner	50	do.	1,864	5	122	480	403	186	770	515
342	Ed. Fries	78	do.	752	118	61	80	427	58	222	548
343	Chas. Beyer	149	Apr. 8,1936	2,576	328	95	495	512	302	1,100	1,210

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

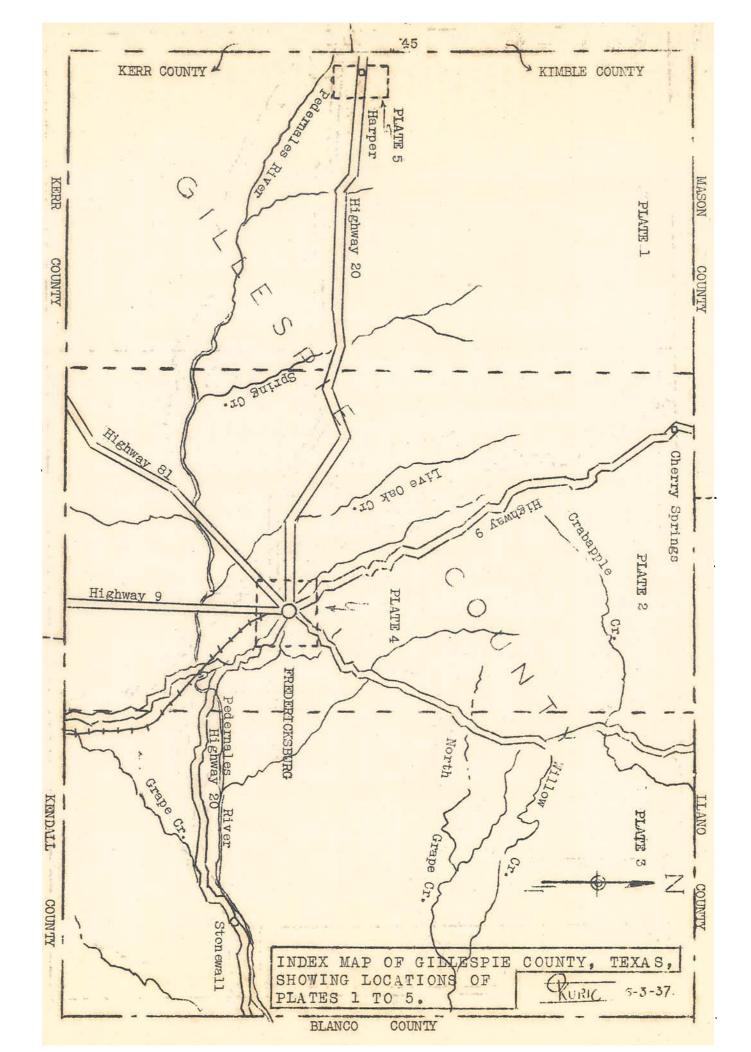
Results are in parts per million.

				Results are	in parts	g per m	illion.				
		Depth		Total		Magnes	- Sodium and		l		Total
Well	Owner	of	Date	dissolved	Calcium	ium	Potassium		Sulphate	Chloride	
No.		well	of	solids	(Ca)	(Mg)	$(Na \neq K)$	(HCO ₃)	(SO ₃)	(C1)	as CaCO ₃
		(feet)	collection	(calculated)	1		(calculated				(calculated)
344	Edwin Oehler	43	Apr.8, 1936		37	22	18	140	15	68	183
346	Rhinehold Oehler	57	do	427	-	-	-	415	<u>a</u> /	54	_
347	Chas. H. Wagner	54	Apr.17,1936		44	92	117	475	110	168	487
348	tisto do. Teg ∵	199	A-1117, 1986	LO 728	440	-	-	507	63	140	-
349	do.	17	do.	419	36	91		464	27	33	463
350	William Ebert	32	Mar. 9,1936		86	129	***	220	59	120	746
351	Mrs.Jimmie-Wiene				the state	-	-	354	<u>a/</u>	60	•••
352	Lutheran Church	322	do.	361	-	-		323	20	46	_
353	Felix Ottmer	167	Apr.11,1936		92	65	52	500	42	128	498
354	William Schleute		Apr.17,1936		108	97		560	<u>a</u> /	108	667
355	do.	72	do.	645	-	_	400	452	50	128	**
357	Alfred Woegel	77	do.	684	-	***	- then	580	23	108	No.
358	Harry Hopf	256	Apr. 1,1936		47	89	-	403	<u>a</u> /	54	485
359	Harry Duesher	262	Apr.17,1936		67	68	43	488	25	80	445
360	Vance Tyson	60	do.	360		***	-	342	<u>a</u> /	49	_
361	Willie Pehl	130	₫o.	1,193	96	73	267	658	53	375	541
362	Adam F. Pehl	119	do.	756	84	71	114	524	<u>a</u> /	225	499
363	Paul Pehl	66			93	56	64	543	<u>a</u> /	110	462
364	Ludwig Vorauer	48	Apr.8, 1936		213	102	147	525	84	555	953
365	Henry Mogford	82	Apr. 1,1936		***	-		232	39	88	_
366	Edmund Kraus	84	do.	1,271	92	90	259	305	108	570	601
367	-	184	do.	523	38	67	61	330	108	84	368
368	Bennie Baag	133	do.	398	11	54	68	317	43	64	247
369	do.	52	do.	645	108	66	42	476	67	124	543
370	Arthur Esensee	103	do.	1,831	+	-	-	195	20	1,050	-
371	Rocky Hill Schoo		Apr. 7,1936			**	***	549	112	295	
372	Frank Baag	158	do.	528	14	69	85	281	104	116	318
373	Albert Moellerin		do.	1,079	***			232	74	500	**
374	Christian Machis		Agrange Park Barrer		102	32	184	244	96	345	384
375	Hilmer Weinheime	r 86	-1247-11-12-92-6) 478	-			305	30	116	-
376	Joseph Jenschke	89	do.	502	14	46	122	244	1,2	186	208
377	Joseph Schmidtze			403				256	31	94	_
378	Hohenberger Bros		do.	366	82	51	-	244	31	80	416
379	Lower Grape Cree	k 47	₫o.	595	88	5	140	305	<u>a</u> /	210	241
	School			.,,							
	/ ~										

a/ Sulphate less than 10 parts per million.

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

				Results are				·			
		Depth		Total		Magnes-	Sodium and				Total
Well.	Owner	of	Date	dissolved	Calcium	ium	Potassium	bonate	Sulphate	Chloride	hardness
No.		well	of	solids	(Ca)	(Mg)	(Na ≠ K)	(HCO ₃)	(SO ₃)	(C1)	as CaCO ₃
		(feet)	collection	(calculated)			(calculated))			(calculated)
380	Oswald Behrends	99	Apr. 7,1936	7 96	-	-	-	463	21	245	-
381	do.	93	do.	1,130	_	-		305	168	410	
382	Max Schuman	38	Apr. 7,1936	2,203		-	-	134	274	1,090	Sup-
3 83	William Herber	74	do.	2,343	205	134	464	201	340	1,100	1,062
384	Mrs. H.J. Burg	53	do.	2,518	101	255	473	457	281	1,180	1,302
385	do.	77	do.	1,002	-	_	***	440	86	330	-
386	Richard Danz	48	do.	1,262	alima .		-	464	223	360	***
387	Lutheran Church	36	do.	413	39	54	38	171	51	146	317
388	Emil Neffendorf	55	do.	336	_	•	***	250	25	60	-
389	D.C. Hodges	35	do.	615	400	~~	•••	268	68	190	
391	Andrew Lindig	900	Mar.18,1936	1,495	304	40	103	61	914	104	925
392	do.	1,200	۰.	2,062	225	2	354	31	668	104	570
393	Alfred Novian	63	Mar.18,1936	2,900	257	370	202	73]	,945	90	1,753
395	Albert Wilke	230	do.	895	27	104	123	256	455	58	498
397	Engel Estate	41	Apr. 1,1936	1,176	123	86	323	464	266	146	661
398	do.	30	do.	552	700	•	440	342	84	96	4-
399	Miss Meth Kreige	er 82	do.	414	58	4 8	25	269	79	70	346
400	Christian Behrer	ıs 71	do.	372	-	-	-	269	25	76	0.0
401	Oswald Behrends	143	do.	349	74	34	15	329	a/	62	324
402	do.	121	do.	333	-	-	***	281	17	49	-
403	Meyer Ranch	132	do.	359		**	-	305	12	45	•
404	Walter Behrends	142	do.	666	-	114	59	195	328	68	470
405	J.W. Adams	240	-	585	46	61	79	330	168	6 6	368
407	A.A. Feidler		Feb 20,1936	837	126	7 8	63	464	252	86	637
408	August Young	302/		488	12	64	77	281	129	66	293
409	Henry Klinkseik	3,024	Reb: 27,1936	836	45	85	145	207	380	78	359



EXPLANATION OF PLATES

- Index map of Gillespie County, Texas, showing locations of plates 1, 2, 3, 4 and 5.
- Plate 1, Showing location of wells in the western part of Gillespie County, Texas.
- Plate 2, Showing location of wells in the central part of Gillespie County, Texas.
- Plate 3, Showing location of wells in the eastern part of Gillespie County, Texas.
- Plate 4, Showing location of wells in the City of Fredericks-burg, Gillespie County, Texas.
- Plate 5, Showing location of wells in the City of Harper, Gillespie County, Texas.

Base maps compiled from county highway map and field notes.

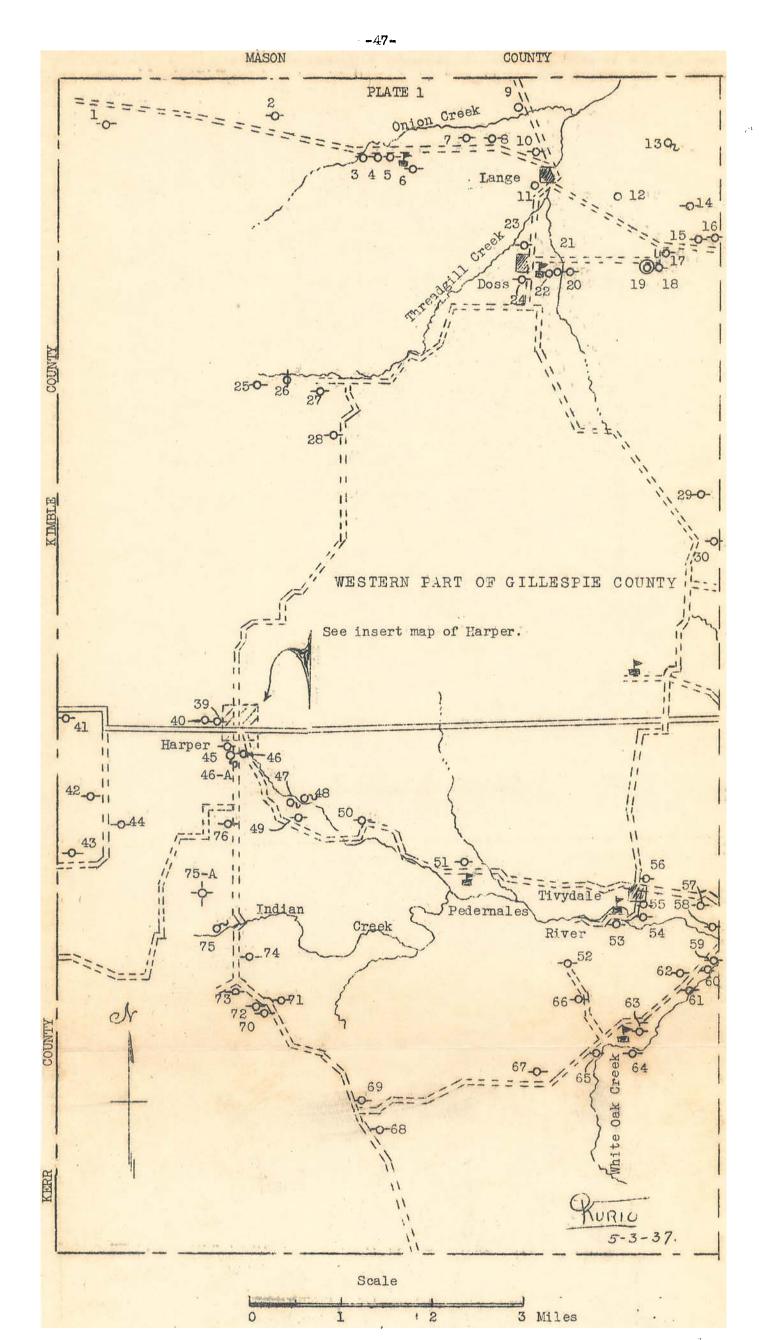
Field work by Elgean Shields.

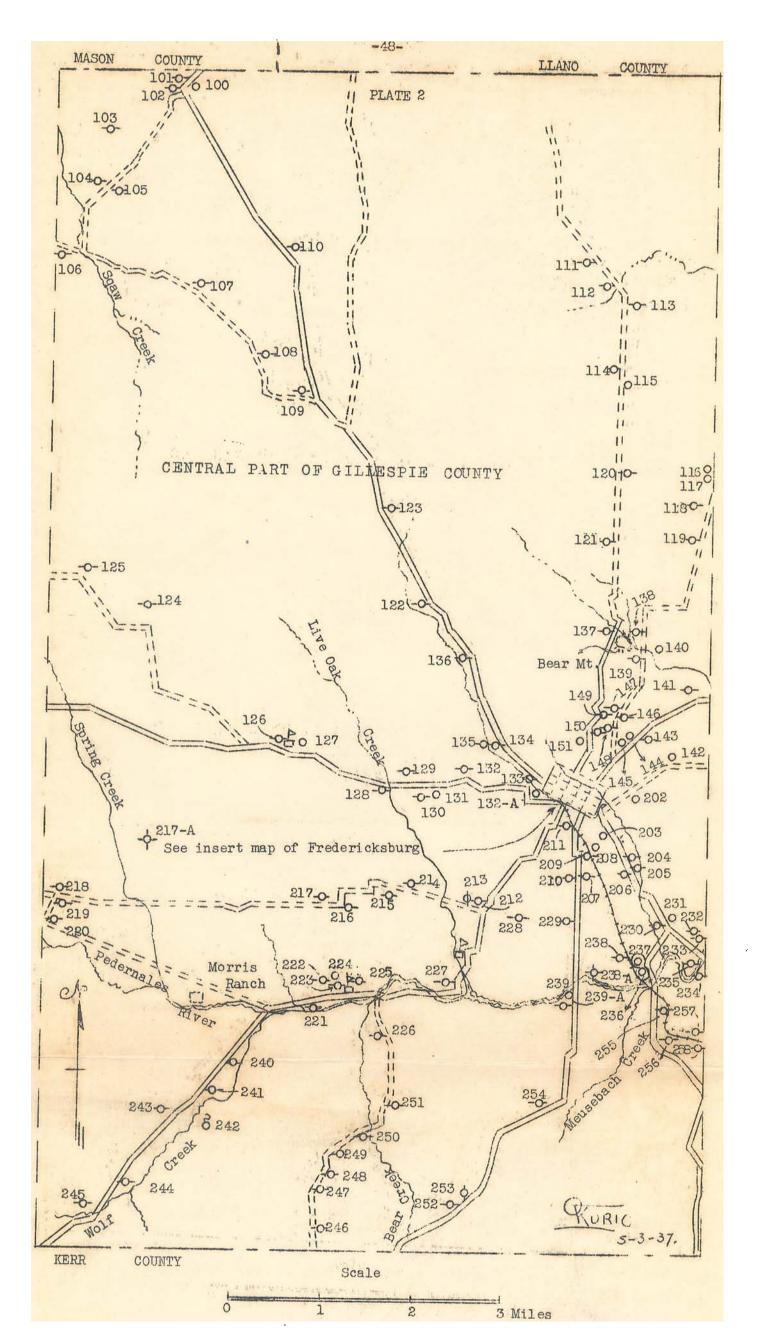
Works Progress Administration Project 2088.

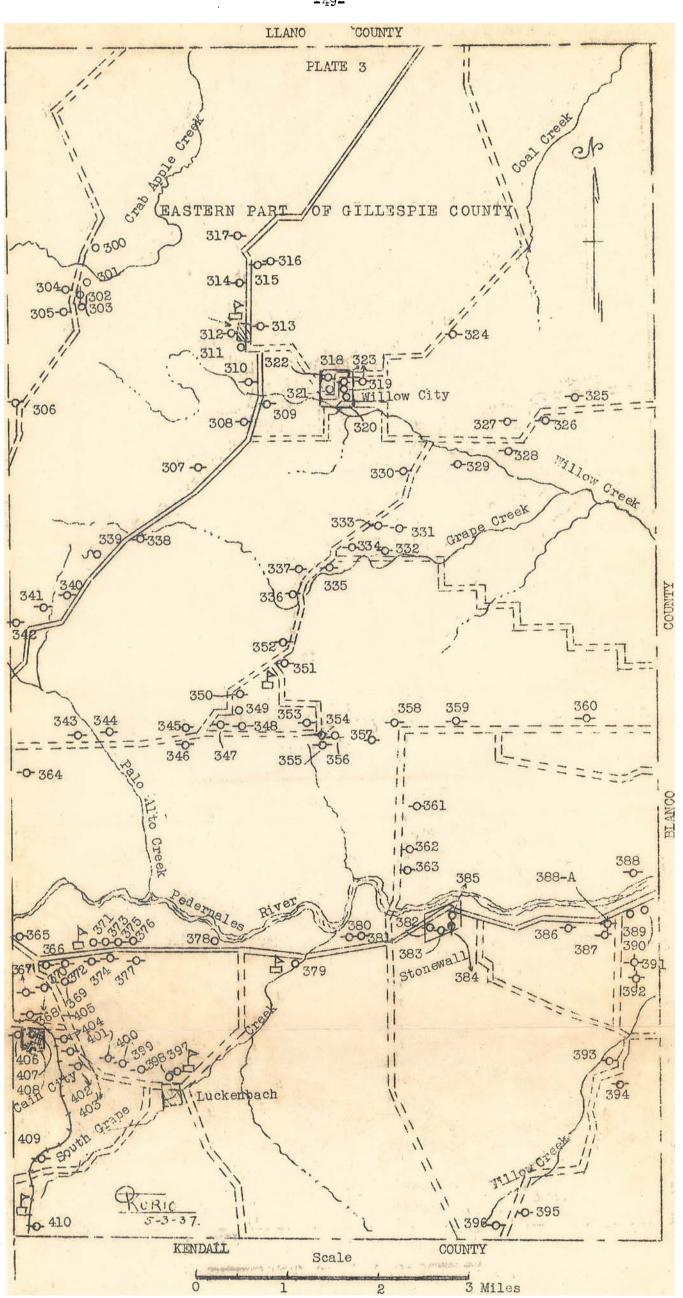
Texas Board of Water Engineers assisted by the U. S. Geological Survey.

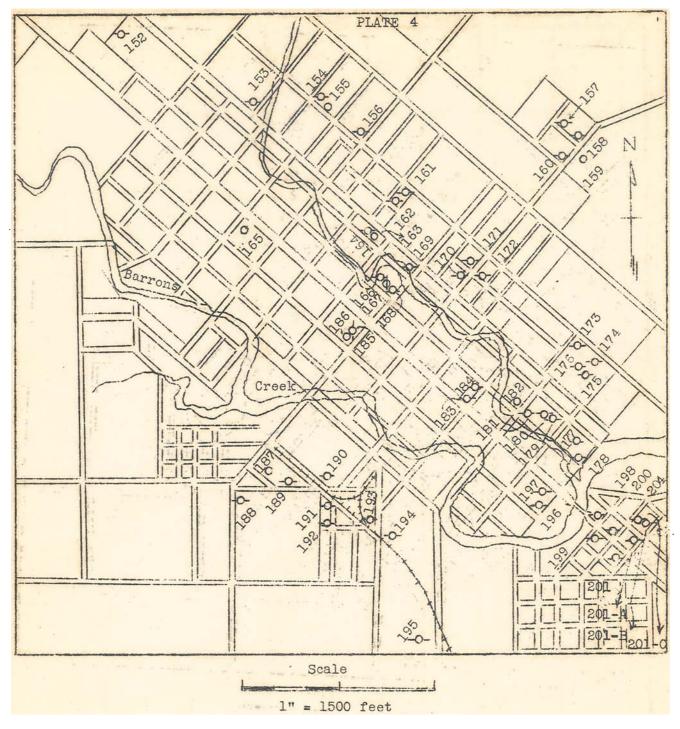
SYMBOLS USED

- O Well with hand pump.
- -Q- Well with windmill or small power pump.
- Well with pumping plant--5 horsepower or larger.
- $-\dot{\mathbf{Q}}$ Well drilled to test for oil or gas.
- Unused well.
- G Spring.









MAP OF CITY OF FREDERICKSBURG

F-1-37.

