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Glasscock Co.  
W. P. A. G. W. Survey Project 699

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GLASSCOCK COUNTY, TEXAS

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

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WORKS PROGRESS ADMINISTRATION

GROUND-WATER SURVEY

PROJECT 6999

Joe W. Lang,  
Project Superintendent

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

\* \* \*

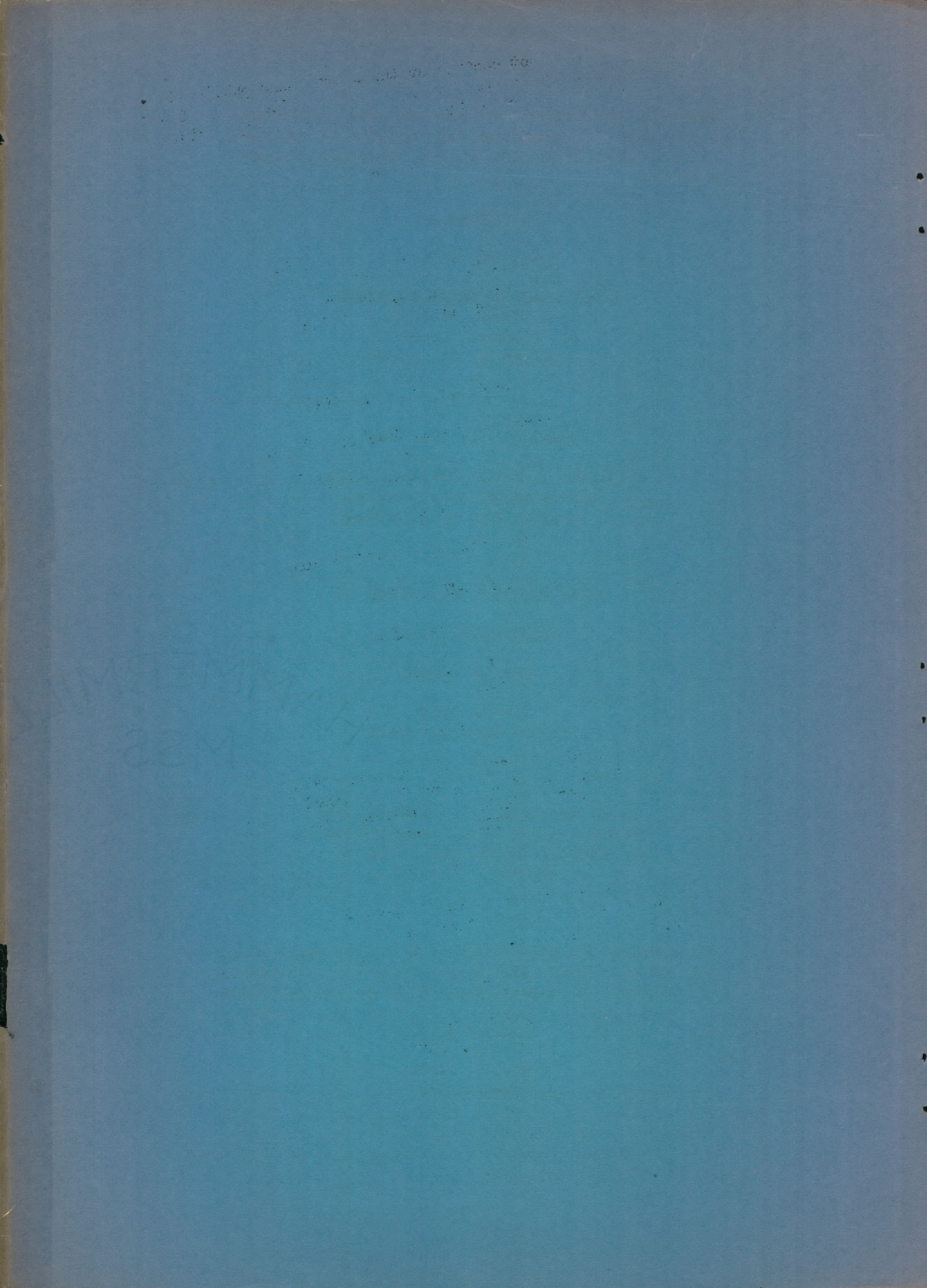
Sponsored by the State Board of Water Engineers with  
the Bureau of Industrial Chemistry of The University  
of Texas and the U. S. Geological Survey cooperating.

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Austin, Texas  
Nov. 22, 1937

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GLASSCOCK 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, and to put down test holes where additional information was needed.

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 Glasscock County was started on January 15, 1937, and completed May 21, 1937. This work was done as Project 6999 of District 18 of the Works Progress Administration, Big Spring, Texas. Joe W. Lang, a geologist, was project superintendent. Mr. Lang should be given credit for his great interest in the work and for the many extra hours he spent on the project. The office of the Works Progress Administration in Big Spring made this work possible by constant help and cooperation.

This release contains the well and spring records and well logs obtained by the project superintendent, logs of the test holes drilled by the W. P. A. labor, and the chemical analyses of water from privately owned wells and springs. Locations of all wells and springs listed are shown on the map in the back of the release.

The test wells were drilled by W. P. A. labor using a soil auger, drop auger, churn drill, and a sand bucket. Samples were collected at one foot intervals by the well driller in charge of the party. The project superintendent studied these samples and compiled the logs.

Records of wells in Glasscock County, Texas

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

(See "Logs of W. P. A. test wells" for all records of test wells.)

No.	Distance from Garden City	Section	Block and Township or Survey	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
1	23 miles northwest	38, NE $\frac{1}{4}$ NE $\frac{1}{4}$	36, T. 1 S.	Mrs. M. G. Parker	--	Old	90	6	1.5
2	do.	do.	do.	do.	M. E. Parker	1930	65	4	0.5
7	21 $\frac{1}{2}$ miles northwest	48, NE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	H. A. King	C. Brothers	--	82	6	1.5
8	20 $\frac{1}{2}$ miles northwest	43, NE $\frac{1}{4}$ SE $\frac{1}{4}$	35, T. 1 S.	do.	--	--	114	6	1.5
10	21 $\frac{1}{2}$ miles northwest	1, NW $\frac{1}{4}$ NW $\frac{1}{4}$	36, T, 2 S.	Chuck Houston	--	--	70	6	--
11	21 miles northwest	do.	do.	do.	C. Brothers	193-	55	6	1
13	21 $\frac{1}{2}$ miles northwest	3, SE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	W. H. Wise	--	--	60	6	0.5
16	20 miles northwest	12, SE $\frac{1}{4}$ SW $\frac{1}{4}$	do.	S. C. Houston	--	--	101	6	0.5
d/17	do.	do.	do.	do.	C. Brothers	Old	102	6	0
d/18	19 miles northwest	12, NE $\frac{1}{4}$ NW $\frac{1}{4}$	35, T. 2 S.	A. L. Houston	Landreth Prod. Corp.	1927	3,845	15 $\frac{1}{2}$	--
19	do.	do.	do.	H. A. Houston	--	1931	110	6	1
d/23	17 $\frac{1}{2}$ miles northwest	11, SW $\frac{1}{4}$ SE $\frac{1}{4}$	do.	A. R. Houston	John Peters	1935	37	--	2
24	17 miles northwest	14, SE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	W. C. Houston	W. C. Houston	Old	30	6	2
25	18 $\frac{1}{2}$ miles northwest	9, NW $\frac{1}{4}$ NE $\frac{1}{4}$	do.	A. R. Houston	W. Skeen	1931	118	6	1
26	18 miles northwest	2, NW $\frac{1}{4}$ NW $\frac{1}{4}$	R. R. Wade sur.	Sand Well School	C. McDaniels	193-	94	8	1
27	17 miles northwest	4, NE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	H. W. Cross	C. Brothers	--	126	6	1
28	do.	5, NW $\frac{1}{4}$ NW $\frac{1}{4}$	do.	H. G. Cross	C. McDaniel	1932	114	6	0.5
29	16 $\frac{1}{2}$ miles northwest	5, NE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	do.	C. Brothers	1922	102	6	0.5
d/30	do.	6, NW $\frac{1}{4}$ NW $\frac{1}{4}$	do.	D. B. Cross	--	--	95	6	0.5
31	do.	do.	do.	do.	--	1934	97	6	0.5
33	do.	8, NE $\frac{1}{4}$ NW $\frac{1}{4}$	34, T. 2 S.	Oxshoor Est.	--	Old	52	6	2
34	15 $\frac{1}{2}$ miles north	11, SW $\frac{1}{4}$ SE $\frac{1}{4}$	do.	W. P. Edwards	--	1936	75	18	1
35	do.	14, NW $\frac{1}{4}$ NE $\frac{1}{4}$	do.	do.	--	Old	15	6	1
36	14 $\frac{1}{2}$ miles north	13, NW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	do.	--	--	57	6	1
38	16 miles north	7, NW $\frac{1}{4}$ SW $\frac{1}{4}$	33, T. 2 S.	L. S. McDowell	--	Old	59	6	1.5

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

b/ C, cylinder; W, windmill; Cf, centrifugal; G, gasoline engine; E, electric; H, hand; number indicates horsepower.



Records obtained by Joe W. Lang, Project Superintendent  
(Chemical analyses of water from these wells are in the table of analyses.)

No.	Water Level		Pump and power	Use of water	Topographic situation	Remarks
	Depth below measuring point (feet)	Date of measurement				
1	53.9	Jan. 27, 1937	C,W	S	Flat	Concrete curb; iron casing. Water reported in sand at 50-55 feet.
2	51.9	do.	C,W	D,S	do.	Concrete curb. Strong supply reported in sand at 52 feet.
7	61.4	Jan. 25, 1937	C,W	S	Bottom of sink	Iron casing. Strong supply reported in sand.
8	98.5	do.	C,W	S	Ridge-top	Do.
10	48	e/	C,W	S	do.	Strong supply reported in sand.
11	31.1	Jan. 12, 1937	None	N	Side of draw	Iron casing. Reported drilled into "Red Beds" at 60 feet.
13	53	Jan. 27, 1937	C,W	S	Ridge-top	Concrete curb; 10 feet galvanized casing at top.
16	69.4	do.	C,W	S	do.	Wood curb. Weak supply.
17	68.7	do.	--	--	do.	10 feet galvanized casing at top. Weak supply.
18	--	--	--	--	--	Oil test. See log.
19	72.2	Jan. 20, 1937	C,W	S	Side of draw	Iron casing. Strong supply reported in sand.
23	27.5	Jan. 26, 1937	Cf, & G, 20	I	Bottom of draw	Dug well. Reported irrigates 3-acre truck farm.
24	27.6	Jan. 25, 1937	C,W	S	do.	Iron casing, top to bottom. Reported one of three close wells.
25	112.4	Feb. 3, 1937	C,W	D,S	Flat	10 feet iron casing of top. Reported seeps at 50-55 feet and 90-95 feet; water from
26	87.6	Feb. 4, 1937	C,W	P	Gentle slope	10 feet iron casing   gravel at 113-117 feet. at top.
27	103.9	do.	C,W	D,S,I	Rolling	Concrete curb; 20 feet iron casing at top. Reported irrigates small garden in summer.
28	91.1	do.	C,W	S	do.	Concrete curb; 20 feet iron casing at top. Reported "Red Beds" at 118 feet.
29	92.4	do.	C,W	D,S	do.	Concrete curb. Reported weak supply.
30	83.6	do.	None	N	Flat	Do.
31	83.8	do.	C,W	D,S	do.	15 feet casing at top. Reported weak supply.
33	46.9	do.	None	N	Rolling	Iron casing.
34	37.1	Feb. 23, 1937	C,W	I	Side of draw	Iron casing. Reported drilled into "Red Beds."
35	5.2	do.	C,W	S	Bottom of draw	Iron casing, top to bottom.
36	51.2	do.	C,W	S	Flat	Iron casing.
38	52.8	do.	C,W	S	do.	20 feet iron casing at top.

c/ S, stock; D, domestic; N, not used; I, irrigation; P, public; Of, oil field.

d/ No water sample collected for analysis.

e/ Water level reported.



## Records of wells in Glasscock County--Continued

No.	Distance from Garden City	Section	Block and Township or Survey	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
40	15 miles north	18, SW $\frac{1}{4}$ NW $\frac{1}{4}$	33, T. 2 S	W. P. Edwards	--	--	60	6	0.5
43	14 $\frac{1}{2}$ miles north	19, NE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	Sam Turner	--	--	107	6	1
44	14 miles north	19, SE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	do.	--	1920	82	6	0.5
d/ 45	14 $\frac{1}{2}$ miles north	20, NE $\frac{1}{4}$ NW $\frac{1}{4}$	do.	Dr. E. A. Lee	--	Old	71	6	0.5
46	15 $\frac{1}{2}$ miles north	17, NW $\frac{1}{4}$ NE $\frac{1}{4}$	do.	W. P. Edwards	--	--	80	8	--
47	13 $\frac{1}{2}$ miles north	28, NE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	Mrs. E. B. Gillean	--	Old	122	6	1
48	14 $\frac{1}{2}$ miles north	22, NW $\frac{1}{4}$ NW $\frac{1}{4}$	do.	W. P. Lantron	C. McDaniel	1936	123	6	0.8
49	15 miles north	15, SE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	R. C. Coffee	E. L. Smith Oil Co.	1932	154	6	1
d/ 51	14 $\frac{1}{2}$ miles north	23, SE $\frac{1}{4}$ SW $\frac{1}{4}$	do.	J. W. Baker	--	1930	165	6	0
52	do.	26, NE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	Mrs. H. Phillips	--	Old	168	6	0
54	15 miles north	24, SE $\frac{1}{4}$ NW $\frac{1}{4}$	do.	do.	--	--	150	6	0
55	16 miles north	8, NW $\frac{1}{4}$ NE $\frac{1}{4}$	32, T. 2 S	G. W. Overton	--	--	162	8	0.5
d/ 56	14 $\frac{1}{2}$ miles north	25, NE $\frac{1}{4}$ NE $\frac{1}{4}$	33, T. 2 S	C. F. Jones	California Oil Co.	--	195	--	--
d/ 57	do.	25, SE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	do.	do.	--	150	--	--
58	14 miles north	36, NE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	J. J. Phillips	--	--	162	6	0.5
59	13 miles north	11, NW $\frac{1}{4}$ NW $\frac{1}{4}$	32, T. 2 S	R. D. Wright	--	Old	156	6	0.5
61	14 $\frac{1}{2}$ miles north	161, SW $\frac{1}{4}$ SW $\frac{1}{4}$	29, W.&N.W. R.R. sur.	Panther Draw School	--	--	139	12	0.7
62	15 miles north	187, NW $\frac{1}{4}$ NE $\frac{1}{4}$	do.	Humble Pipeline Co.	Humble Pipeline Co.	1928	140	5	1
64	13 $\frac{1}{2}$ miles northeast	190, SE $\frac{1}{4}$ NW $\frac{1}{4}$	do.	W. B. Currie	--	Old	177	8	0
65	12 $\frac{1}{2}$ miles northeast	215, SW $\frac{1}{4}$ NW $\frac{1}{4}$	do.	do.	California Oil Co.	--	221	8	0.5
66	do.	219, NW $\frac{1}{4}$ NE $\frac{1}{4}$	do.	do.	do.	--	159	8	0.5
d/ 67	14 miles northeast	213, NE $\frac{1}{4}$ NW $\frac{1}{4}$	do.	do.	do.	--	138	8	0.5
68	do.	do.	do.	do.	--	1935	128	8	0.3
69	14 $\frac{1}{2}$ miles northeast	186, NW $\frac{1}{4}$ SE $\frac{1}{4}$	do.	Mrs. P. A. Ratliff	--	Old	95	8	1
70	15 $\frac{1}{2}$ miles northeast	185, SE $\frac{1}{4}$ NW $\frac{1}{4}$	do.	A. M. Burns	--	--	124	8	0.5
71	15 miles northeast	184, SW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	J. B. Hollis	C. McDaniel	1936	137	6	1
72	do.	193, NW $\frac{1}{4}$ NW $\frac{1}{4}$	do.	I. W. Morgan	--	Old	128	6	1



## Joe W. Lang, Project Superintendent

No.	Water Level		Pump and power b/	Use of water c/	Topographic situation	Remarks
	Depth below measuring point (feet)	Date of measurement				
40	50.2	Feb. 23, 1937	C,W	D,S	Flat	Strong supply reported in sand.
43	75.3	Feb. 24, 1937	C,W	D,Of	Rolling	Iron casing.
44	73.8	do.	C,W	D,S	do.	Concrete curb; galvanized casing.
45	57.3	do.	--	N	Bottom of draw	
46	73.1	Feb. 23, 1937	C,W	D,S,I	Flat	Iron casing.
47	113.6	Feb. 25, 1937	C,W	D,S	Rolling	Concrete curb. Strong supply reported in sand.
48	90.2	May 20, 1937	C,W	D,S	do.	Iron casing. Strong supply reported in sand.
49	103.2	Mar. 1, 1937	C,-	Of	do.	Iron casing. Reported water at 117 feet and 137 feet.
51	85.5	Feb. 24, 1937	C,G,4	Of	Valley floor	Iron casing.
52	92.4	Mar. 1, 1937	C,W	D,S	Valley flat	100 feet casing at top. Reported previously supplied drilling rigs.
54	126.7	Feb. 24, 1937	C,W	D,S	Hill-side	Concrete curb. Reported strong supply.
55	118.3	do.	C,W	S	do.	Do.
56	--	--	--	--	--	Water well drilled for oil field use. See log.
57	--	--	--	--	--	Do.
58	107.6	Mar. 1, 1937	C,W	D,S	Valley flat	Concrete curb; iron casing. Reported strong supply.
59	114.5	Feb. 25, 1937	C,W	S	do.	15 feet iron casing at top. Reported strong supply.
61	106.1	Feb. 24, 1937	C,W	P	do.	Iron casing. Reported "Red Beds" at 140 feet.
62	90.2	Feb. 23, 1937	C,E,2	D,Of	do.	100 feet iron casing at top.
64	161.4	Mar. 11, 1937	C,W	D,S	Ridge-top	Concrete curb. Strong supply reported in sand.
65	173.8	do.	C,W	S	Ridge-side	Iron casing. Reported yield, 1,740 barrels in 24 hours. See log.
66	117.9	do.	--	N	Side of draw	Iron casing. See log.
67	97.6	do.	--	N	Valley flat	Do.
68	96.8	do.	C,W	S	do.	Iron casing.
69	83.8	do.	C,W	S	do.	Concrete curb; 16 feet casing at top. Reported strong supply.
70	97.6	do.	C,W	S	Gentle slope	Iron casing.
71	92.4	Mar. 9, 1937	C,W	D,S	do.	Concrete curb; 10 feet iron casing at top. Strong supply reported in sand.
72	94.5	do.	C,W	D,S	do.	15 feet iron casing at top. Reported 8 feet drawdown after pumping 3-5 gallons a minute for 2 hours.



## Records of wells in Glasscock County--Continued

No.	Distance from Garden City	Section	Block and Township or Survey	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
73	15 miles northeast	193, NE $\frac{1}{4}$ SE $\frac{1}{4}$	29, W.&N.W. R. R. sur.	J.T. & G.B. O'Barr	--	Old	92	6	0.5
74	do.	211, NE $\frac{1}{4}$ NW $\frac{1}{4}$	do.	R. K. Burns	--	Old	89	--	0.5
75	16 miles northeast	194, NW $\frac{1}{4}$ NE $\frac{1}{4}$	do.	C. A. Hale	--	--	157	10	--
77	15 $\frac{1}{2}$ miles northeast	193, NE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	G. B. O'Barr	W. Smith	1936	131	8	1
78	17 miles northeast	166, SW $\frac{1}{4}$ NW $\frac{1}{4}$	do.	H. R. Clay	Shell Pipe-line Co.	1928	162	6	0
79	17 $\frac{1}{2}$ miles northeast	157, SE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	Mrs. Dora Roberts	-- Oil Co.	1932	171	10	0
d/ 80	19 miles northeast	154, NW $\frac{1}{4}$ NE $\frac{1}{4}$	do.	H. R. Clay	--	Old	103	6	0
81	do.	153, NE $\frac{1}{4}$ SW $\frac{1}{4}$	do.	Otis Chalk	--	Old	74	6	0.5
82	18 miles northeast	168, NW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	do.	-- Murdock	1936	132	7	1
83	19 miles northeast	169, NW $\frac{1}{4}$ NE $\frac{1}{4}$	do.	Mrs. Mattie Jones	S. G. Childress	1929	201	8	0.5
84	do.	169, NW $\frac{1}{4}$ SE $\frac{1}{4}$	do.	C. E. Campbell	do.	1907	159	8	0.5
85	17 $\frac{1}{2}$ miles northeast	180, SW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	J. E. Clifton	--	--	115	6	0.5
86	do.	181, NE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	Fairview School	--	--	106	6	--
87	do.	do.	do.	P. Keil	--	Old	99	8	1
89	15 $\frac{1}{2}$ miles northeast	210, NE $\frac{1}{4}$ NW $\frac{1}{4}$	do.	J. D. Biles	--	Old	95	6	0.5
90	15 miles northeast	210, SE $\frac{1}{4}$ SW $\frac{1}{4}$	do.	C. Edmunson	--	Old	80	6	0
92	16 miles northeast	209, SE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	Mrs. P.A. Ratliff	S. G. Childress	Old	113	--	1
93	16 $\frac{1}{2}$ miles northeast	208, NW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	S. G. Childress	do.	1931	148	10	1
94	do.	do.	do.	do.	do.	--	130	6	0.5
95	do.	225, SE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	J. F. Henderson	do.	1931	204	10	0.5
97	15 $\frac{1}{2}$ miles northeast	28, NE $\frac{1}{4}$ SE $\frac{1}{4}$	30, W.&N.W. R. R. sur.	J.T. & G.B. O'Barr	--	1907	83	6	0.5
98	14 $\frac{1}{2}$ miles northeast	27, NE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	do.	--	188-	86	6	1
d/ 99	14 miles northeast	30, SE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	-- Cushing	Enders & Co.	Old	4,500	--	--
100	do.	30, NE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	W. L. Foster	--	Old	116	6	0.5
101	do.	30, SE $\frac{1}{4}$ NW $\frac{1}{4}$	do.	do.	--	--	110	6	0.5
102	12 miles northeast	42, SE $\frac{1}{4}$ SW $\frac{1}{4}$	do.	do.	--	Old	98	7	3
103	13 miles northeast	40, SW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	do.	--	--	115	6	0.5

## Joe W. Lang, Project Superintendent

No.	Water Level		Pump and power b/	Use of water c/	Topographic situation	Remarks
	Depth below measuring point (feet)	Date of measurement				
73	72.9	Mar. 9, 1937	C,W	D,S	Valley flat	Concrete curb. Reported strong supply.
74	80.9	Mar. 23, 1937	C,W	D,S	do.	Do.
75	132.5	e/	C,W	S	Ridge-side	Iron casing. Reported seeps at 110 feet.
77	107.1	Mar. 9, 1937	C,W	S	do.	Concrete curb; iron casing. Reported 1.1 feet drawdown after pumping 3-5 gallons a
78	120.3	Mar. 17, 1937	C,E,3	D,Cf	Bottom of draw	125 feet iron casing minute for 4 hours. Reported 18 feet drawdown after pump-
79	161.8	Mar. 18, 1936	--	N	Hill-side	Iron casing. Reported original depth, 250 feet. ing 5 gallons a minute for 4 hours.
80	87.8	Mar. 17, 1936	C,W	S	Bottom of draw	15 feet iron casing at top.
81	47.5	Mar. 10, 1937	--	N	Valley flat	Galvanized casing. Reported weak supply.
82	69.6	do.	C,W	D,S	Ridge-side	Iron casing. Some water reported from sand at 70 feet; strong supply in red clay at 125
83	157.4	do.	C,W	D,S	do.	Strong supply. Reported "Red Beds" at feet. 165 feet.
84	150.8	do.	C,W	D,S	do.	
85	108.1	Mar. 8, 1937	C,W	D,S	do.	Concrete curb; 10 feet casing at top.
86	86.5	e/	C,W	N	do.	10 feet iron casing at top. Reported seeps in well.
87	87.8	Mar. 10, 1937	C,W	S	Valley flat	10 feet iron casing at top. Reported 1.5 feet drawdown after pumping 3-5 gallons a minute
89	85.1	Mar. 18, 1937	C,W	D,S	do.	15 feet iron casing at top. for 4 hours.
90	69.4	do.	C,W	D,S	do.	Iron casing.
92	105.5	do.	C,W	S	Hill-side	Strong supply.
93	126.6	do.	--	N	Hill-top	Reported "Red Beds," 100-140 feet.
94	96.5	do.	C,W	D,S	Hill-side	Reported seeps in well. Weak supply.
95	152.2	do.	C,W	S	Small canyon	15 feet iron casing at top. Reported seeps at 124 feet.
97	57.9	Mar. 9, 1936	C,W	S	Hill-side	Concrete curb; 10 feet galvanized casing at top.
98	65.5	do.	C,W	S	Bottom of draw	10 feet iron casing at top.
99	--	--	--	--	--	Oil test. See log.
100	78.9	Mar. 22, 1936	C,W	D,S	Valley flat	Iron casing.
101	91.5	do.	C,W	D,S	do.	Concrete curb; 100 feet iron casing at top.
102	76.1	do.	C,W	S	Bottom of draw	Iron casing. Strong supply.
103	87.8	do.	C,W	S	Small canyon	100 feet iron casing at top.



## Records of wells in Glasscock County--Continued

No.	Distance from Garden City	Section	Block and Township or Survey	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) <u>a/</u>
104	13 miles northeast	41, SE $\frac{1}{2}$ NW $\frac{1}{4}$	30, W.&N.W. R. R. sur.	W. L. Foster	--	Old	130	--	1
105	do.	221, NW $\frac{1}{2}$ SE $\frac{1}{4}$	29, W.&N.W. R. R. sur.	R. K. Burns	--	--	130	8	0.5
106	12 $\frac{1}{2}$ miles northeast	220, NE $\frac{1}{2}$ SW $\frac{1}{4}$	do.	Wm. B. Currie	--	Old	162	8	0.5
107	9 $\frac{1}{2}$ miles northeast	59, NW $\frac{1}{2}$ NW $\frac{1}{4}$	30, W.&N.W. R. R. sur.	John. W. Reeder	--	1923	252	6	--
108	10 miles north	12, NW $\frac{1}{2}$ SE $\frac{1}{4}$	33, T. 3 S	Wm. B. Currie	--	--	260	6	4
109	12 miles north	38, SW $\frac{1}{2}$ NE $\frac{1}{4}$	33, T. 2 S	Claude Cole	--	--	159	6	0.5
110	10 $\frac{1}{2}$ miles north	46, SW $\frac{1}{2}$ NE $\frac{1}{4}$	do.	E. F. Turner	California Oil Co.	--	170	8	0.5
111	9 $\frac{1}{2}$ miles north	4, NW $\frac{1}{2}$ SE $\frac{1}{4}$	33, T. 3 S	Luin McWilliams	--	Old	112	6	1
112	do.	4, NW $\frac{1}{2}$ NW $\frac{1}{4}$	do.	do.	--	1921	87	6	0.8
113	do.	5, NW $\frac{1}{2}$ NW $\frac{1}{4}$	do.	J. G. Carter	--	Old	71	6	0.5
114	do.	do.	do.	do.	--	--	89	6	0.5
115	do.	44, NW $\frac{1}{2}$ SE $\frac{1}{4}$	34, T. 2 S	do.	--	Old	31	6	0
116	do.	do.	do.	do.	--	1927	72	6	0.5
118	11 miles northwest	34, NW $\frac{1}{2}$ SW $\frac{1}{4}$	do.	L. S. McDowell	--	--	44	40	0.5
119	11 miles north	do.	do.	do.	--	--	46	6	0.8
d/120	11 $\frac{1}{2}$ miles north	34, NE $\frac{1}{2}$ NW $\frac{1}{4}$	do.	do.	Meriwether Oil Co.	1928	3,905	12 $\frac{1}{2}$	--
121	12 $\frac{1}{2}$ miles north	21, SW $\frac{1}{2}$ SW $\frac{1}{4}$	do.	do.	--	--	72	6	1
122	13 miles north	21, SW $\frac{1}{2}$ NE $\frac{1}{4}$	do.	World Oil Co.	World Oil Co.	1929	84	6	2
123	13 $\frac{1}{2}$ miles north	20, SW $\frac{1}{2}$ SE $\frac{1}{4}$	do.	Mrs. -- Overton	--	Old	86	6	0.5
126	do.	19, SE $\frac{1}{2}$ SE $\frac{1}{4}$	do.	W. P. Edwards	--	--	139	6	0
127	12 $\frac{1}{2}$ miles northwest	30, NE $\frac{1}{2}$ NW $\frac{1}{4}$	do.	L. S. McDowell	--	--	20	6	2
128	13 $\frac{1}{2}$ miles northwest	24, SE $\frac{1}{2}$ NW $\frac{1}{4}$	do.	do.	--	--	145	6	2
131	11 miles northwest	40, NW $\frac{1}{2}$ NE $\frac{1}{4}$	do.	J. T. Bell	--	--	45	6	1
132	do.	40, SE $\frac{1}{2}$ NW $\frac{1}{4}$	do.	do.	J. T. Haley	--	54	48	0.5
133	do.	39, NE $\frac{1}{2}$ NE $\frac{1}{4}$	do.	L. S. McDowell	--	--	22	40	2

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

b/ C, cylinder; W, windmill; Cf, centrifugal; G, gasoline engine; E, electric; H, hand; number indicates horsepower.

Joe W. Lang, Project Superintendent

No.	Water Level		Pump and power <u>b/</u>	Use of water <u>c/</u>	Topographic situation	Remarks
	Depth below measuring point (feet)	Date of measurement				
104	104.6	Mar. 22, 1936	C,W	S	Bottom of draw	Strong supply reported in sand.
105	117	Mar. 23, 1937	C,W	S	Hill-side	10 feet iron casing at top.
106	135	Mar. 11, 1937	C,W	S	Bottom of draw	15 feet iron casing at top.
107	125.5	do.	C,W	D,S	Ridge-top	Concrete curb; 15 feet iron casing at top. Water reported in sand at 125-130 feet and
108	123	do.	C,W	S	do.	Iron casing. 230 feet.
109	98.5	Feb. 25, 1937	C,W	D,S	Valley flat	Concrete curb; 15 feet iron casing at top.
110	78.5	Mar. 1, 1937	C,W	S	Bottom of draw	Iron casing. Strong supply reported in sand at 65-75 feet. See log.
111	84.6	Mar. 2, 1937	C,W	S	Gentle slope	Concrete curb. Strong supply reported in sand.
112	66.6	do.	C,W	D,S	Valley flat	Wood curb. Reported 1.2 feet drawdown after pumping 6 gallons a minute for 2 hours.
113	44.6	do.	C,W	D,S,I	Flat	Concrete curb; 10 feet galvanized casing at top. Reported 3.9 feet drawdown after pumping
114	58	do.	C,W	D,S	do.	Concrete curb. 8-10 gallons a minute for 4 hours.
115	18.2	do.	--	N	Valley flat	Wood curb and casing.
116	48	do.	C,W	S	do.	Concrete curb; iron casing.
118	40.7	Feb. 9, 1937	C,W	S	Rolling	Dug well. Wood curb and casing. Water reported in sand.
119	40.5	do.	C,W	S	do.	Iron casing. About 85 feet north of Well 118.
120	--	--	--	--	--	Oil test. See log.
121	30.7	Feb. 9, 1937	C,W	S	Bottom of draw	Concrete curb. Strong supply reported in sand.
122	72.5	Feb. 23, 1937	C,-	Of	Rolling	Reported yield, 500 barrels in 24 hours.
123	72.6	do.	C,W	D,S,I	do.	Reported irrigates small garden.
126	53.7	do.	C,W	S	Gentle slope	Iron casing. Strong supply reported in sand.
127	9.5	Feb. 9, 1937	C,W	S	Bottom of draw	Concrete curb; iron casing, top to bottom. Strong supply reported in sand.
128	89.4	do.	C,W	N	Ridge-top	Concrete curb; 15 feet iron casing at top.
131	41.5	Feb. 5, 1937	C,W	D,S	Rolling	Concrete curb; 10 feet galvanized casing at top.
132	50.9	do.	C,W	D,S	Hill-side	Dug well. Concrete curb. Strong supply reported in fine-grained sand.
133	14.6	Feb. 9, 1937	C,W	S	Bottom of draw	Dug well. Wood curb. Strong supply reported in sand.

c/ S, stock; D, domestic; N, not used; I, irrigation; P, public; Of, oil field.

d/ No water sample collected for analysis.

e/ Water level reported.



Records of wells in Glasscock County--Continued

No.	Distance from Garden City	Section	Block and Township or Survey	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) <sub>a/</sub>
135	12 miles northwest	38, NW $\frac{1}{4}$ SE $\frac{1}{4}$	34, T. 2 S.	W.J. Wooster	W. O. Daves	1935	34	40	0
139	15 miles northwest	13, NE $\frac{1}{4}$ NE $\frac{1}{4}$	R. R. Wade sur.	C. S. Berryhill	--	--	100	6	1
d/140	13 miles northwest	29, SE $\frac{1}{4}$ SW $\frac{1}{4}$	35, T. 2 S.	A. L. Houston	Landreth Prod. Corp.	1929	3,465	15 $\frac{1}{2}$	--
141	15 $\frac{1}{2}$ miles northwest	22, NE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	W. C. Houston	C. Peters	--	20	4 $\frac{1}{2}$	1
142	do.	do.	do.	do.	--	1934	18	--	0
143	17 $\frac{1}{2}$ miles northwest	20, SW $\frac{1}{4}$ NW $\frac{1}{4}$	do.	H. A. Houston	C. Brothers	--	65	6	1
144	18 miles northwest	25, NE $\frac{1}{4}$ NW $\frac{1}{4}$	36, T. 2 S.	S. C. Houston	--	--	95	6	1.5
146	18 $\frac{1}{2}$ miles northwest	26, NW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	W. S. Woolsey	C. Brothers	1928	112	6	0.5
150	18 miles northwest	34, SW $\frac{1}{4}$ SE $\frac{1}{4}$	do.	Mrs. Ada Baise	--	--	76	6	0
151	do.	34, SE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	Line School	--	--	69	6	0
153	17 $\frac{1}{2}$ miles northwest	35, SE $\frac{1}{4}$ SW $\frac{1}{4}$	do.	George Overton	--	--	90	6	1
154	do.	35, NE $\frac{1}{4}$ SW $\frac{1}{4}$	do.	do.	--	Old	94	6	0
155	18 miles northwest	35, NE $\frac{1}{4}$ NW $\frac{1}{4}$	do.	Otis Odom	--	Old	100	6	1
156	do.	26, SE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	W. S. Woolsey	C. Brothers	1910	92	5	0.5
157	16 $\frac{1}{2}$ miles northwest	38, SE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	L. M. Geary	--	--	73	6	0.5
160	18 miles west	39, SW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	Z. K. McClintic	--	--	73	6	1.5
d/161	17 $\frac{1}{2}$ miles west	46, SW $\frac{1}{4}$ NW $\frac{1}{4}$	do.	W. Skeen	W. Skeen	--	75	6	0.5
162	do.	4, NE $\frac{1}{4}$ NE $\frac{1}{4}$	36, T. 3 S.	S. N. Woody	--	Old	42	6	0
163	16 $\frac{1}{2}$ miles west	3, NE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	do.	C. Brothers	Old	52	6	0.5
164	16 miles west	2, NE $\frac{1}{4}$ NW $\frac{1}{4}$	do.	Mrs. A. L. Zant	W. Skeen	1937	56	6	1.3
165	16 $\frac{1}{2}$ miles west	47, NE $\frac{1}{4}$ SW $\frac{1}{4}$	36, T. 2 S.	do.	--	Old	65	6	0.5
166	15 miles northwest	33, SW $\frac{1}{4}$ SW $\frac{1}{4}$	35, T. 2 S.	Glenn Brunson	--	--	24	48	0
167	do.	48, SE $\frac{1}{4}$ SE $\frac{1}{4}$	36, T. 2 S.	do.	--	Old	31	40	0.5
171	16 $\frac{1}{2}$ miles west	16, NE $\frac{1}{4}$ NE $\frac{1}{4}$	36, T. 3 S.	-- Cathey	--	--	25	48	0
172	14 $\frac{1}{2}$ miles west	23, NW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	Mrs. A. C. Weyman	--	Old	66	6	0.5
174	10 miles west	28, NE $\frac{1}{4}$ NE $\frac{1}{4}$	35, T. 3 S.	Lay Powell	--	Old	103	6	1
175	9 miles west	34, NE $\frac{1}{4}$ NW $\frac{1}{4}$	do.	Steve Calverly	-- Shipman	1934	155	8	0.5

## Joe W. Lang, Project Superintendent

No.	Water Level		Pump and power b/	Use of water c/	Topographic situation	Remarks
	Depth below measuring point (feet)	Date of measurement				
135	29.2	Feb. 3, 1937	C,W	S	Hill-side	Dug well. Concrete curb. Tenant reports more than 50 dry wells drilled on this ranch.
139	86.6	Feb. 4, 1937	C,W	D,S	Bottom of sink	10 feet iron casing at top. Weak supply.
140	--	--	--	--	--	Oil test. See log.
141	11.5	Jan. 26, 1937	--	N	Bottom of sink	Iron casing. Weak supply. Reported drilled into red shale.
142	15.8	do.	--	N	do.	Dug well. Reported fails in drought. Reported red shale at bottom.
143	52.4	do.	C,W	S	Rolling	Concrete curb; 10 feet galvanized casing at top.
144	73.1	Jan. 27, 1937	C,W,& G, 2 $\frac{1}{2}$	S	Hill-top	Concrete curb.
146	87.8	do.	C,W	D,S	Ridge-top	Concrete curb; 10 feet galvanized casing at top. Water reported in sand at 85 feet.
150	54.1	Apr. 15, 1937	C,W	D,S	Rolling	Concrete curb.
151	54.9	Jan. 28, 1937	C,W	P	do.	Do.
153	53.9	do.	C,W	D,S	do.	20 feet iron casing at top. Strong supply reported in sand.
154	87.5	Apr. 15, 1937	--	N	Ridge-top	Reported weak supply.
155	87.8	do.	C,W	D,S	Rolling	Concrete curb.
156	86.2	Jan. 27, 1937	C,W	D,S	do.	Concrete curb; 10 feet casing at top.
157	53.5	Feb. 16, 1937	C,W	D,S	do.	Iron casing. Reported yield, 20 gallons a minute.
160	44.8	Jan. 28, 1937	C,W	S	do.	Strong supply reported in sand.
161	50.5	Feb. 12, 1937	C,W	N	do.	
162	32.4	do.	C,W	D,S	do.	Strong supply reported in sand.
163	40.6	do.	C,W	D,S	Flat	10 feet iron casing at top.
164	45.6	do.	C,W	D,S	do.	15 feet iron casing at top. Water reported in sand at 56 feet.
165	58.2	do.	C,W	S	Rolling	10 feet iron casing at top.
166	20.1	Feb. 16, 1937	C,W	S	Bottom of draw	Dug well.
167	27.6	Mar. 31, 1937	C,W	D,S	Ridge-top	Do.
171	16.3	Feb. 12, 1937	C,W	D,S	Bottom of draw	Dug well. Galvanized curb and casing. Reported weak supply.
172	54.5	Feb. 16, 1937	C,W	S	Rolling	10 feet iron casing at top. Strong supply reported in sand.
174	49.2	Feb. 15, 1937	C,W	S	Hill-side	Concrete curb. Reported 6 $\frac{3}{4}$ feet drawdown after pumping 5 gallons a minute for 4 hours.
175	132.6	Feb. 22, 1937	C,W	S	Ridge-top	Concrete curb; galvanized casing. Strong supply reported in sand.



Records of wells in Glasscock County--Continued

No.	Distance from Garden City	Section	Block and Township or Survey	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) <u>a/</u>
176	8½ miles west	26, SE½SW¼	35, T. 3 S.	Steve Calverly	-- Adams	--	156	6	0
d/177	8 miles northwest	25, NE½SW¼	do.	do.	California Oil Co.	1936	3,454	16	--
178	do.	25, NW½SW¼	do.	do.	--	1902	98	6	0.5
179	8½ miles northwest	25, NW¼NW¼	do.	E. T. Cobb	--	--	75	6	0.5
d/180	do.	do.	do.	do.	-- Shipman	Old	75	6	0.5
181	8 miles northwest	19, NW¼SW¼	34, T. 3 S.	J. O. Mock	--	Old	73	6	1
182	7½ miles northwest	19, SE½SW¼	do.	do.	J. Adams	Old	102	6	0.5
183	do.	19, SW¼SE¼	do.	R. G. Pointer	do.	1921	94	6	0.5
184	7 miles northwest	20, NW¼SE¼	do.	J. B. Ratliff	--	Old	57	6	2
d/185	do.	do.	do.	do.	--	Old	49	6	0.5
186	do.	20, SE½NE¼	do.	do.	-- Shipman	1936	100	6	1
187	8 miles northwest	18, SW¼SE¼	do.	G. R. Hillger	--	--	75	6	0.5
188	9 miles northwest	13, SW¼SE¼	35, T. 3 S.	B. H. Hillger	C. McDaniel	1929	93	8	0.5
d/189	9½ miles northwest	12, SE½SE¼	do.	do.	do.	--	60	6	1
190	9 miles northwest	7, SW¼SE¼	34, T. 3 S.	R. M. Davenport	-- Shipman	--	67	6	0.5
192	9½ miles northwest	7, SW¼NE¼	do.	do.	do.	--	51	6	0.5
193	10½ miles northwest	1, SW¼SE¼	35, T. 3 S.	C. A. Byerley	--	1924	67	8	1
194	do.	6, SE¼NW¼	34, T. 3 S.	G. R. Hillger	--	Old	71	6	0.5
197	8½ miles northwest	8, NE½SE¼	do.	do.	--	--	73	8	1
198	do.	8, SE½SE¼	do.	do.	C. McDaniel	1921	72	8	1
199	6½ miles northwest	21, NE¼SE¼	do.	J. B. Ratliff	--	1920	115	6	1
200	4½ miles northwest	27, SE½SE¼	do.	Kerr Bros.	--	Old	167	16	0.5
201	6 miles northwest	23, NE¼SW¼	do.	do.	--	--	193	6	0.5
202	8 miles north	12, NE¼SW¼	do.	J. G. Carter	--	1930	170	6	0
d/203	6½ miles north	13, SE½SE¼	do.	A. D. Neal	--	1936	156	6	1
204	do.	20, NW¼NW¼	33, T. 3 S.	Mrs. L. B. Hovencamp	--	1935	190	6	1
205	7½ miles north	16, SE½SE¼	do.	A. D. Neal	--	Old	160	6	0.3

## Joe W. Lang, Project Superintendent

No.	Water Level		Pump and power <u>b/</u>	Use of water <u>c/</u>	Topographic situation	Remarks
	Depth below measuring point (feet)	Date of measurement				
176	92.1	Feb. 22, 1937	C,W	S	Side of draw	Concrete curb; 15 feet casing at top. Reported weak supply.
177	--	--	--	--	--	Oil test. See log.
178	68.1	Feb. 22, 1937	C,W	S,I	Gentle slope	Concrete curb; 10 feet casing at top.
179	53.8	Feb. 15, 1937	C,W	D,S	Valley flat	Concrete curb. Strong supply reported in sand.
180	52.6	do.	C,W	S	do.	Reported yield, 40 gallons a minute from sand.
181	38.9	do.	C,H	N	Hill-side	Concrete curb.
182	42.6	do.	C,W	D,S,I	Gentle slope	Reported yield, 60 gallons a minute.
183	38.9	do.	C,W	S,I	do.	Concrete curb; 3 feet iron casing at top. Reported 1.85 feet drawdown after pumping 5
184	44.1	Feb. 10, 1937	--	N	Valley flat	Iron casing. Reported one of four wells in group.
185	42.3	do.	--	N	do.	Do.
186	52.5	do.	C,W	D,S	Side of draw	20 feet iron casing at top. Strong supply reported in sand.
187	31.4	do.	C,W	S	Flat	
188	31.5	Feb. 5, 1937	--	N	Rolling	7 feet iron casing at top.
189	39.8	do.	C,W	D,S	Flat	10 feet iron casing at top.
190	31.4	do.	C,W	D,S,I	Rolling	Concrete curb; 15 feet galvanized casing at top.
192	21.1	do.	--	N	do.	Concrete curb. Strong supply reported in sand.
193	61.3	Feb. 3, 1937	C,W	I	Flat	10 feet iron casing at top. Reported weak supply.
194	68.2	Feb. 5, 1937	C,W	D,S	Rolling	Concrete curb; 10 feet galvanized casing at top.
197	59.5	Feb. 10, 1937	C,W	D,S	Flat	15 feet iron casing at top. Strong supply reported in sand.
198	57.5	do.	C,W	D,S,I	do.	20 feet iron casing at top. Strong supply reported in sand.
199	88.1	do.	--	N	Ridge-side	Concrete curb.
200	132.5	Feb. 17, 1937	C,W	D,S	Flat	15 feet iron casing at top.
201	101	do.	C,W	S	do.	Concrete curb; 15 feet casing at top.
202	112	Mar. 3, 1937	C,G,4	Of	Hill-side	Concrete curb; 10 feet iron casing at top. Reported yield, 30 gallons a minute from sand
203	156	Mar. 2, 1937	--	N	Side of draw	Iron casing. Reported weak at 165 feet.
204	125.7	Mar. 3, 1937	C,W	S	do.	150 feet iron casing at top. Strong supply reported from sand.
205	125.4	May 18, 1937	C,W	D,S	Bottom of draw	10 feet iron casing at top. Reported 11.5 feet drawdown after pumping 3-5 gallons a minute for 2 hours.



Records of wells in Glasscock County--Continued

No.	Distance from Garden City	Section	Block and Township or Survey	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) <u>a/</u>
<u>d/</u> 206	6½ miles northeast	27, SE¼SE¼	33, T. 3 S.	A. D. & Jess Neal	Choate & Henshaw	1926	3,302	15½	--
207	6 miles northeast	34, SW¼NE¼	do.	A. D. Neal	--	Old	195	6	1
208	6½ miles northeast	37, NW¼SW¼	do.	do.	--	--	98	8	1.3
209	10½ miles northeast	49, SE¼NE¼	30, W.&N.W. R. R. sur.	J. R. Bertlett	--	Old	128	6	1
210	do.	45, SE¼NW¼	do.	Hughes & Mason	R. R. Penn	1928	228	6	0
211	10 miles northeast	46, NE¼NW¼	do.	do.	--	--	212	6	1
212	13½ miles northeast	25, SW¼NW¼	do.	R. L. Stansberry	--	--	125	6	1
213	13 miles northeast	24, SE¼SW¼	do.	do.	--	Old	130	--	0.5
214	12½ miles northeast	33, SE¼SE¼	do.	do.	--	--	158	6	0.5
215	10½ miles east	14, NW¼SW¼	32, T. 4 S.	W. R. Cole	--	--	121	6	1
216	11½ miles east	26, SE¼SW¼	do.	C. C. Reynolds	--	Old	137	6	0.5
217	12½ miles east	38, NE¼SE¼	do.	H. G. Ratliff	--	Old	170	6	1.5
218	do.	47, SW¼NE¼	do.	C. C. Reynolds	--	--	151	6	0
<u>d/</u> 219	13½ miles east	1, SW¼NW¼	32, T. 5 S.	J. L. Glass	--	--	99	6	0.5
220	11½ miles east	46, SW¼SW¼	32, T. 4 S.	Currie Bros.	--	Old	100	6	1
221	do.	4, SE¼NE¼	32, T. 5 S.	do.	--	Old	55	6	1
<u>d/</u> 222	10 miles east	44, NE¼NE¼	32, T. 4 S.	do.	--	Old	27	6	2
223	do.	do.	do.	do.	--	Old	96	7	1
224	9½ miles east	41, SE¼NE¼	do.	do.	--	Old	95	6	0.5
226	8½ miles east	29, SE¼NW¼	do.	do.	--	--	103	6	1
227	do.	20, SW¼NE¼	do.	Nellie Calder	--	Old	118	6	1.3
<u>d/</u> 228	8 miles east	20, SE¼NW¼	do.	do.	Marland Oil Co.	1926	3,500	15½	--
229	5½ miles east	14, SW¼SE¼	33, T. 4 S.	Currie Bros.	--	Old	93	7	1
230	3½ miles east	15, NW¼NW¼	do.	Mrs. T. B. Long	-- Shipman	--	127	5	3
231	4½ miles east	11, SW¼SW¼	do.	do.	--	--	108	6	1.3

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

b/ C, cylinder; W, windmill; Cf, centrifugal; G, gasoline engine; E, electric; H, hand; number indicates horsepower.

Joe W. Lang, Project Superintendent

No.	Water Level		Pump and power b/	Use of water c/	Topographic situation	Remarks
	Depth below measuring point (feet)	Date of measurement				
206	--	--	--	--	--	Oil test. See log.
207	115	Mar. 3, 1937	C,W	S	Hill-side	20 feet iron casing at top.
208	65.3	May 6, 1937	C,W	S	do.	Iron casing. Reported 2.3 feet drawdown after pumping 3 gallons a minute for 2 hours.
209	89.9	do.	C,W	D,S	Bottom of draw	Iron casing. Strong supply reported in sand.
210	204.3	do.	--	N	Ridge-side	Iron casing.
211	198.4	do.	C,W	S	Flat	Concrete curb.
212	100.7	Mar. 22, 1937	C,W	S	Bottom of draw	Do.
213	95.1	do.	C,W	D,S	do.	Do.
214	122.9	do.	C,W	S	do.	Do.
215	92.6	May 6, 1937	C,W	S	do.	Do.
216	116.2	May 18, 1937	C,W	S	do.	10 feet iron casing at top. Reported weak supply.
217	136.7	do.	C,W	S	do.	10 feet iron casing at top.
218	133.7	do.	C,W	S	Head of canyon	Concrete curb.
219	69.5	May 5, 1937	C,W	S	Valley flat	Concrete curb; 10 feet galvanized casing at top.
220	37.7	do.	C,W	S	do.	Concrete curb.
221	29.6	do.	C,W	S	do.	Do.
222	20.3	do.	C,W	N	Bottom of draw	10 feet iron casing at top.
223	24.9	do.	C,W	S	Ridge-side	Concrete curb. Strong supply reported in sand.
224	39.9	do.	C,W	D,S,I	do.	Do.
226	48.6	do.	C,W	S	Side of draw	Do.
227	90	do.	C,W	S	Valley flat	10 feet iron casing at top.
228	--	--	--	--	--	Oil test. See log.
229	48.3	May 5, 1937	C,W	D,S,I	Bottom of draw	Concrete curb; 10 feet iron casing at top.
230	106	May 6, 1937	C,W	S	Hill-side	Concrete curb; iron casing.
231	51.9	do.	C,W	S	Valley flat	Do.

c/ S, stock; D, domestic; N, not used; I, irrigation; P, public; Of, oil field.

d/ No water sample collected for analysis.

e/ Water level reported

## Records of wells in Glasscock County--Continued

No.	Distance from Garden City	Section	Block and Township or Survey	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
232	6 miles east	12, SE $\frac{1}{2}$ SW $\frac{1}{4}$	33, T. 4 S.	Nellie Calder	--	Old	103	6	0.5
233	6 $\frac{1}{2}$ miles east	6, SW $\frac{1}{2}$ SW $\frac{1}{4}$	32, T. 4 S.	G. Donaldson	--	--	140	--	--
234	5 miles east	2, SE $\frac{1}{2}$ SW $\frac{1}{4}$	33, T. 4 S.	B. A. Keathly	-- Shipman	--	120	6	0.3
235	4 $\frac{3}{4}$ miles northeast	47, SW $\frac{1}{2}$ SW $\frac{1}{4}$	33, T. 3 S.	A. D. Neal	do.	Old	92	6	2.5
236	3 $\frac{1}{2}$ miles northeast	40, SW $\frac{1}{2}$ SW $\frac{1}{4}$	do.	Steve Calverly, Jr.	--	Old	104	6	0
d/237	5 $\frac{1}{2}$ miles north	19, SW $\frac{1}{2}$ SE $\frac{1}{4}$	do.	A. A. Coulson	Fleetborn Oil Corp.	1937	2,778	15 $\frac{1}{2}$	--
238	4 $\frac{1}{2}$ miles north	30, SW $\frac{1}{2}$ SW $\frac{1}{4}$	do.	Roxie Neal	--	Old	113	6	3
240	3 $\frac{1}{2}$ miles north	36, SE $\frac{1}{2}$ SE $\frac{1}{4}$	34, T. 3 S.	J. A. George	--	--	121	6	1
241	2 miles west	47, NE $\frac{1}{2}$ SE $\frac{1}{4}$	do.	C. T. Hightower	--	Old	157	6	1.5
242	1 $\frac{1}{2}$ miles north	48, SE $\frac{1}{2}$ SW $\frac{1}{4}$	do.	do.	--	Old	152	6	1
243	$\frac{3}{4}$ mile northeast	6, SW $\frac{1}{2}$ SW $\frac{1}{4}$	33, T. 4 S.	B. A. Keathly	-- Shipman	--	110	6	0.5
244	do.	7, NW $\frac{1}{2}$ NW $\frac{1}{4}$	do.	Steve Calverly	--	--	108	6	1
245	$\frac{1}{4}$ mile east	12, SE $\frac{1}{2}$ NE $\frac{1}{4}$	34, T. 4 S.	Fred Ratliff	--	--	109	6	0.5
246	$\frac{3}{4}$ mile south	12, SE $\frac{1}{2}$ SE $\frac{1}{4}$	do.	J. H. Christie	--	Old	78	6	0.5
247	In Garden City	12, SW $\frac{1}{2}$ NE $\frac{1}{4}$	do.	Glasscock County	-- Shipman	--	145	6	0.5
248	do.	12, NW $\frac{1}{2}$ NE $\frac{1}{4}$	do.	Henry Currie	--	1905	125	6	0.8
249	$\frac{1}{2}$ mile north	1, SW $\frac{1}{2}$ SE $\frac{1}{4}$	do.	Christ Shaffer	-- Shipman	1937	160	6	3
250	$\frac{1}{2}$ mile northwest	1, SE $\frac{1}{2}$ SW $\frac{1}{4}$	do.	Garden City Pub. School	do.	Old	148	6	0
251	$\frac{1}{2}$ mile west	11, SE $\frac{1}{2}$ NE $\frac{1}{4}$	do.	Henry Currie	do.	1921	148	6	1
252	1 $\frac{1}{4}$ miles southwest	14, SW $\frac{1}{2}$ NW $\frac{1}{4}$	do.	W. B. Burns	--	Old	67	8	0.5
253	1 $\frac{1}{2}$ miles southwest	14, NW $\frac{1}{2}$ NW $\frac{1}{4}$	do.	do.	--	Old	58	6	0
254	2 miles west	10, SW $\frac{1}{2}$ NE $\frac{1}{4}$	do.	Henry Currie	-- Shipman	--	114	6	0.5
255	2 $\frac{1}{2}$ miles west	4, SE $\frac{1}{2}$ SE $\frac{1}{4}$	do.	Fred Ratliff	do.	--	95	6	0.5
256	3 $\frac{1}{4}$ miles west	8, NE $\frac{1}{2}$ NE $\frac{1}{4}$	do.	Henry Currie	--	Old	96	6	1.5
257	5 miles west	6, SW $\frac{1}{2}$ SE $\frac{1}{4}$	do.	do.	-- Shipman	1930	192	6	0.4
258	4 $\frac{1}{4}$ miles west	44, SE $\frac{1}{2}$ NE $\frac{1}{4}$	34, T. 3 S.	S. R. A. Wagner Est.	--	Old	142	6	1
259	5 $\frac{1}{2}$ miles west	43, SE $\frac{1}{2}$ NW $\frac{1}{4}$	do.	Steve Calverly	-- Shipman	--	182	7	1



## Joe W. Lang, Project Superintendent

No.	Water Level		Pump and power <u>b/</u>	Use of water <u>c/</u>	Topographic situation	Remarks
	Depth below measuring point (feet)	Date of measurement				
232	74.3	May 5, 1937	C,W	D,S	Valley flat	Concrete curb.
233	107	e/	C,W	D,S	do.	Reported "red beds" at 90-100 feet.
234	73.2	May 17, 1937	C,W	S	do.	Concrete curb; 10 feet galvanized casing at top.
235	83.8	do.	C,W	S	do.	15 feet iron casing at top.
236	72.1	do.	C,W	D,S	Side of draw	10 feet iron casing at top.
237	--	--	--	--	--	Oil test. See log.
238	103.6	Mar. 2, 1937	C,W	D,S,I	Valley flat	20 feet iron casing at top.
240	111.2	May 18, 1937	C,W	S	do.	15 feet iron casing at top.
241	145.9	Apr. 24, 1937	C,W	D,S,I	Ridge-top	Strong supply reported from sand.
242	129.5	do.	C,W	D,S	Bottom of draw	10 feet iron casing at top. Strong supply reported in sand.
243	95.8	Apr. 23, 1937	C,W	S	Gentle slope	Concrete curb. Reported strong supply.
244	89.8	do.	C,W	D,S,I	do.	Do.
245	76.8	Apr. 27, 1937	C,W	D,S,I	Valley flat	10 feet galvanized casing at top.
246	66.4	Apr. 24, 1937	C,W	S	do.	
247	88.9	Apr. 27, 1937	C,W	S	Rolling	Iron casing.
248	81.4	Apr. 26, 1937	C,W	D,S	Gentle slope	Concrete curb; 10 feet galvanized casing at top.
249	94.6	Apr. 24, 1937	C,W	D,S	do.	15 feet iron casing at top. Reported drilled to second strata of water.
250	125.6	do.	C,W	P	Ridge-top	Concrete curb. Reported strong supply.
251	79.6	Apr. 26, 1937	C,W	S	Gentle slope	Do.
252	49.6	Apr. 27, 1937	C,W	S	Valley flat	Iron casing. Strong supply reported in sand.
253	45.4	do.	C,W	D,S,I	do.	Concrete curb. Reported strong supply.
254	61.4	Apr. 28, 1937	C,W	D,S	do.	Do.
255	66.4	Apr. 27, 1937	C,W	S	Bottom of draw	Do.
256	79.2	Apr. 28, 1937	C,W	S	do.	Reported strong supply.
257	135.1	do.	C,W	S	Gentle slope	Concrete curb. Strong supply reported in sand.
258	110.8	Feb. 22, 1937	C,W	S	Bottom of draw	Do.
259	136.5	do.	C,W	S	Rolling	10 feet iron casing at top.

Records of wells in Glasscock County--Continued

No.	Distance from Garden City	Section	Block and Township or Survey	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) <u>a/</u>
260	7 miles west	2, NE $\frac{1}{4}$ NE $\frac{1}{4}$	35, T. 4 S.	Will Hanson	--	Old	158	6	1
261	9 $\frac{1}{2}$ miles west	40, SE $\frac{1}{4}$ SW $\frac{1}{4}$	35, T. 3 S.	do.	--	--	132	8	1.3
262	12 miles west	48, SW $\frac{1}{4}$ NE $\frac{1}{4}$	36, T. 3 S.	Glenn Brunson	--	--	129	6	1
263	13 miles west	47, NE $\frac{1}{4}$ SW $\frac{1}{4}$	do.	A. Yonkers	Penn. Oil Co.	--	155	6	0.5
d/264	do.	do.	do.	Anna L. Yonkers, et al.	do.	1932	3,810	15 $\frac{1}{2}$	--
266	12 $\frac{1}{2}$ miles west	36, SE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	Glenn Brunson	--	1936	60	6	1.5
268	15 $\frac{1}{2}$ miles west	28, NW $\frac{1}{4}$ SE $\frac{1}{4}$	do.	H. C. Wrage Est.	--	Old	59	6	0.5
269	do.	do.	do.	do.	W. Skeen	193-	60	6	0.5
270	do.	33, SW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	do.	--	Old	48	6	0
271	15 miles west	34, SW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	Glenn Brunson	--	Old	64	7	0.5
272	15 $\frac{1}{2}$ miles west	40, SW $\frac{1}{4}$ NE $\frac{1}{4}$	do.	H. C. Wrage Est.	--	--	95	6	0.8
273	16 $\frac{1}{2}$ miles west	44, NE $\frac{1}{4}$ SW $\frac{1}{4}$	do.	do.	W. Skeen	1937	71	7	1
274	17 $\frac{1}{2}$ miles west	18, NW $\frac{1}{4}$ NW $\frac{1}{4}$	36, T. 4 S.	W. A. Hutchinson	do.	1937	94	8	0.5
275	16 $\frac{1}{2}$ miles west	8, NW $\frac{1}{4}$ NW $\frac{1}{4}$	do.	H. C. Wrage Est.	--	--	108	8	1
276	14 $\frac{1}{2}$ miles west	4, SE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	W. H. Underwood	--	Old	47	6	0.5
277	14 miles west	10, NW $\frac{1}{4}$ SE $\frac{1}{4}$	do.	Sam Ratliff	--	--	79	6	0
278	15 miles west	16, NE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	L. J. Medlin	--	Old	99	6	0.5
279	13 miles west	14, SW $\frac{1}{4}$ NE $\frac{1}{4}$	do.	J. C. Calverly	--	Old	47	6	0
280	12 $\frac{1}{2}$ miles west	14, SE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	do.	--	Old	110	6	0.5
d/281	12 miles southwest	24, NE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	do.	Wahlenmier Pet. Co.	1934	3,701	15 $\frac{3}{8}$	--
282	12 miles west	12, NW $\frac{1}{4}$ SE $\frac{1}{4}$	do.	W. H. Underwood	C. McDaniel	1937	138	6	1
283	11 miles west	6, SE $\frac{1}{4}$ SW $\frac{1}{4}$	35, T. 4 S.	Sam Ratliff	--	1900	149	6	0
284	9 miles west	16, SW $\frac{1}{4}$ NE $\frac{1}{4}$	do.	A. B. Cole	--	--	151	6	0.5
285	do.	9, SE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	Bailey Bros.	--	--	147	6	0
286	8 $\frac{1}{2}$ miles west	10, SW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	Henry Currie	Currie, et al.	--	179	8	0.5
287	7 $\frac{1}{2}$ miles west	11, SW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	do.	--	Old	165	6	0
288	6 $\frac{1}{2}$ miles southwest	13, SW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	C. W. Turner	C. McDaniel	--	147	6	0.3

## Joe W. Lang, Project Superintendent

No.	Water Level		Pump and power b/	Use of water c/	Topographic situation	Remarks
	Depth below measuring point (feet)	Date of measurement				
260	137.6	Apr. 28, 1937	C,W	D,S	Flat	Reported strong supply.
261	105.9	Apr. 1, 1937	C,W	S	Head of draw	Iron casing. Strong supply reported in sand.
262	107.5	Mar. 31, 1937	C,W	S	do.	Concrete curb. Reported altitude, 2,700 feet.
263	134.4	Apr. 1, 1937	C,W	S	Ridge-top	Concrete curb. Reported strong supply.
264	--	--	--	--	--	Oil test. See log.
266	38.2	Mar. 31, 1937	C,W	S	Bottom of draw	Iron casing.
268	46.8	Mar. 25, 1937	--	N	Side of draw	Concrete curb; 5 feet galvanized casing at top.
269	45.2	Mar. 24, 1937	C,W	S	do.	Concrete curb; 10 feet galvanized casing at top.
270	35.8	do.	C,W	S	do.	Do.
271	50.1	do.	C,W	S	Bottom of draw	Iron casing.
272	67.5	do.	C,W	D,S	Ridge-top	Strong supply reported in sand.
273	42.3	Mar. 27, 1937	C,W	D,S	Valley flat	15 feet iron casing at top. Reported altitude, 2,627 feet.
274	62.9	Mar. 30, 1937	C,W	D,S	Ridge-side	15 feet iron casing at top. Strong supply reported in sand and coarse gravel.
275	82	Mar. 27, 1937	C,W	S	Ridge-top	Iron casing. Reported 1.2 feet drawdown after pumping 3 gallons a minute for 4 hours.
276	31.3	Apr. 1, 1937	C,W	S	Bottom of draw	Concrete curb. Reported strong supply.
277	52.2	do.	C,W	D,S	Gentle slope	Do.
278	52.4	Mar. 30, 1937	C,W	D,S	do.	Reported water sand at 70 feet. Reported altitude, 2,663 feet.
279	11.5	Apr. 1, 1937	--	N	Bottom of draw	Iron casing. Reported weak supply.
280	58.5	do.	C,W	D,S	do.	6 feet iron casing at top. Strong supply reported in sand.
281	--	--	--	--	--	Oil test. See log.
282	93.5	Apr. 1, 1937	C,W	D,S	Head of draw	Concrete curb. Water reported in sand at 112-140 feet.
283	136.2	do.	C,W	D,S	Flat	Concrete curb. Reported yield, 20 gallons a minute for 24 hours. Reported altitude, 2,737
284	118.5	do.	C,W	D,S	do.	Concrete curb. feet.
285	115	do.	C,W	D,S	do.	Concrete curb; 10 feet iron casing at top.
286	127.9	Apr. 12, 1937	--	N	do.	Iron casing.
287	128.1	do.	--	N	do.	10 feet galvanized casing at top.
288	119	do.	C,W	S	do.	Concrete curb; 10 feet casing at top. Reported strong supply.



Records of wells in Glasscock County--Continued

No.	Distance from Garden City	Section	Block and Township or Survey	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) <u>a/</u>
289	7 miles southwest	25, SW $\frac{1}{2}$ SE $\frac{1}{2}$	35, T. 4 S.	R. L. Boston	--	1926	176	6	0.5
290	6 miles southwest	30, NE $\frac{1}{2}$ SE $\frac{1}{2}$	do.	do.	Roxana Pet. Co.	1928	198	6	0
d/291	do.	do.	do.	do.	do.	1928	3,875	--	--
292	do.	30, NW $\frac{1}{2}$ SE $\frac{1}{2}$	34, T. 4 S.	do.	do.	1928	171	20	1
293	4 $\frac{1}{2}$ miles southwest	20, NW $\frac{1}{2}$ SE $\frac{1}{2}$	do.	Shell Pipe-line Corp.	Shell Pipe-line Corp.	1925	178	6	0.5
294	3 miles south	22, SE $\frac{1}{2}$ SE $\frac{1}{2}$	do.	W.B. Burns	-- Shipman	1937	140	6	0.5
295	1 $\frac{1}{2}$ miles south	13, NW $\frac{1}{2}$ SW $\frac{1}{2}$	do.	Moore & Peebles	do.	--	85	6	0.5
296	2 miles south	24, SE $\frac{1}{2}$ NW $\frac{1}{2}$	do.	Henry Currie	--	--	100	6	1
297	3 $\frac{1}{2}$ miles south	26, NE $\frac{1}{2}$ SE $\frac{1}{2}$	do.	W.B. Burns	--	Old	66	6	0.5
298	3 $\frac{1}{2}$ miles south	36, NE $\frac{1}{2}$ NW $\frac{1}{2}$	do.	W. C. Buchanan	--	--	66	6	0.3
299	4 $\frac{1}{2}$ miles south	35, NW $\frac{1}{2}$ SE $\frac{1}{2}$	do.	Henry Currie	--	--	105	6	1
300	5 $\frac{1}{2}$ miles south	38, SE $\frac{1}{2}$ SE $\frac{1}{2}$	do.	W. C. Buchanan	--	Old	135	6	1
301	6 $\frac{1}{2}$ miles southeast	44, SW $\frac{1}{2}$ NE $\frac{1}{2}$	33, T. 4 S.	B. C. Mann	--	Old	124	6	0.5
302	6 miles southeast	40, SE $\frac{1}{2}$ SW $\frac{1}{2}$	do.	M.K. & R.M. Hodges	--	Old	151	6	0.5
d/303	3 $\frac{1}{2}$ miles southeast	29, NE $\frac{1}{2}$ NE $\frac{1}{2}$	do.	S. R. Cox	White Eagle Oil & Ref. Co.	1928	3,272	--	--
304	3 $\frac{1}{4}$ miles southeast	20, SE $\frac{1}{2}$ SE $\frac{1}{2}$	do.	do.	--	--	90	5	1
305	5 miles east	22, SE $\frac{1}{2}$ SE $\frac{1}{2}$	do.	do.	--	Old	51	6	1
d/306	5 $\frac{1}{2}$ miles east	23, SW $\frac{1}{2}$ SW $\frac{1}{2}$	do.	Currie Bros.	-- Shipman	--	72	6	1.3
309	6 miles east	26, SE $\frac{1}{2}$ NE $\frac{1}{2}$	do.	do.	--	Old	55	6	2
310	6 $\frac{1}{2}$ miles east	36, NW $\frac{1}{2}$ NW $\frac{1}{2}$	do.	do.	--	Old	43	6	2
311	8 $\frac{1}{2}$ miles southeast	43, NW $\frac{1}{2}$ NW $\frac{1}{2}$	32, T. 4 S.	do.	--	--	114	6	1
d/312	do.	2, SE $\frac{1}{2}$ NW $\frac{1}{2}$	33, T. 5 S.	Irene Dean	Gibson & Johnson	1929	3,620	15 $\frac{1}{2}$	--
313	10 $\frac{1}{2}$ miles southeast	7, NE $\frac{1}{2}$ NE $\frac{1}{2}$	32, T. 5 S.	Currie Bros.	--	Old	138	6	2
314	11 $\frac{1}{2}$ miles southeast	24, NW $\frac{1}{2}$ NE $\frac{1}{2}$	33, T. 5 S.	H. V. Hodges	-- Shipman	Old	200	6	0.3
315	12 miles southeast	25, SW $\frac{1}{2}$ NW $\frac{1}{2}$	do.	A. Kloh	--	Old	198	6	1

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

b/ C, cylinder; W, windmill; Cf, centrifugal; G, gasoline engine; E, electric; H, hand; number indicates horsepower.

Joe W. Lang, Project Superintendent

No.	Water Level		Pump and power b/	Use of water c/	Topographic situation	Remarks
	Depth below measuring point (feet)	Date of measurement				
289	95.5	Apr. 28, 1937	C,W	S	Flat	Concrete curb; 15 feet galvanized casing at top.
290	129.2	do.	--	N	do.	10 feet galvanized casing at top.
291	--	--	--	--	--	Oil test. See log.
292	136.1	Apr. 28, 1937	--	N	Flat	Wood casing. Reported yield 15 barrels an hour from sand at 135-245 feet. Reported
293	140.2	do.	C,E,2	D,S, Of,I	do.	Iron casing. Reported <del>2.3 feet</del> 2.7 feet. 2.3 feet drawdown after pumping 20 gallons a
294	103.4	Apr. 27, 1937	C,W	S	Bottom of draw	10 feet iron casing at top. Strong supply reported in sand. <u>minute for 6 hours.</u>
295	68	do.	C,W	S	Valley flat	Do.
296	74.2	do.	C,W	D,S	Head of draw	Concrete curb. Reported strong supply.
297	48.2	Apr. 26, 1937	C,W	S	Bottom of draw	Do.
298	54.6	do.	C,W	D,S	do.	Strong supply reported in sand.
299	65.8	do.	C,W	S	Gentle slope	Concrete curb. Reported 2.1 feet drawdown after pumping 2-3 gallons a minute for 2 hours.
300	110.9	do.	C,W	S	Bottom of draw	10 feet galvanized casing at top. Strong supply reported in sand.
301	97.2	do.	C,W	S	do.	Reported 2 feet drawdown after pumping 3-4 gallons a minute for 4 hours.
302	93	do.	C,W	S	do.	Reported strong supply.
303	--	--	--	--	--	Oil test. See log.
304	54.8	Apr. 26, 1937	C,W	D,S	Valley flat	10 feet iron casing at top. Reported 6.5 feet drawdown after pumping 3-5 gallons a minute
305	39.1	Apr. 27, 1937	C,W	S	do.	Concrete curb. Strong supply <u>for 4 hours.</u> reported in sand.
306	35.8	May 17, 1937	C,W	D,S,I	do.	Do.
309	25	May 15, 1937	C,W	S	do.	Concrete curb; iron casing. Reported never fails in drought.
310	22.6	do.	C,W	S	Bottom of draw	Concrete curb. Reported 7.4 feet drawdown after pumping 3-5 gallons a minute for 2 hours.
311	74.4	May 5, 1937	C,W	S	Valley flat	Concrete curb.
312	--	--	--	--	--	Oil test. See log.
313	104.4	May 5, 1937	C,W	S	Bottom of draw	Concrete curb.
314	164.9	May 12, 1937	C,W	S	Flat	Rock curb; 10 feet iron casing at top.
315	146.7	do.	C,W	S	Edge of sink	Do.

c/ S, stock; D, domestic; N, not used; I, irrigation; P, public; Of, oil field.

d/ No water sample collected for analysis.

e/ Water level reported.

Records of wells in Glasscock County--Continued

No.	Distance from Garden City	Section	Block and Township or Survey	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
316	14 miles southeast	42, NW $\frac{1}{4}$ NW $\frac{1}{4}$	32, T. 5 S.	H. V. Hodges	--	Old	216	6	0.5
317	do.	40, SE $\frac{1}{4}$ SE $\frac{1}{4}$	33, T. 5 S.	W. H. Martin	--	Old	178	6	0
318	11 $\frac{1}{2}$ miles southeast	28, SE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	Sam Greer	--	Old	204	6	0.5
319	11 miles southeast	22, SW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	do.	-- Shipman	--	224	6	0.5
320	10 $\frac{1}{2}$ miles southeast	20, NE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	J. W. Hardy	--	1906	241	6	0.5
321	8 miles southeast	4, NE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	Sam Greer	--	Old	162	6	1.3
d/322	7 miles south	6, NW $\frac{1}{4}$ NW $\frac{1}{4}$	do.	B. C. Mann	Gibson & Johnson	1929	3,630	15 $\frac{1}{2}$	--
323	8 $\frac{1}{2}$ miles south	18, NW $\frac{1}{4}$ NW $\frac{1}{4}$	do.	Henry Currie	-- Shipman	--	210	6	0.5
324	10 $\frac{1}{2}$ miles south	22, SE $\frac{1}{4}$ SE $\frac{1}{4}$	34, T. 5 S.	Mrs. M. A. Wilkerson	--	1918	240	6	0.3
325	12 miles south	34, SE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	G. W. Overton	--	--	225	8	0.5
326	12 $\frac{1}{2}$ miles south	42, NW $\frac{1}{4}$ NW $\frac{1}{4}$	33, T. 5 S.	Mrs. H. Hammond	-- Shipman	1934	255	6	0.8
327	14 $\frac{1}{2}$ miles south	48, SE $\frac{1}{4}$ SE $\frac{1}{4}$	34, T. 5 S.	Brock & Johnson	--	Old	250	6	0.5
328	13 $\frac{1}{2}$ miles south	47, NW $\frac{1}{4}$ NW $\frac{1}{4}$	do.	G. W. Overton	--	Old	200	6	0.5
329	11 $\frac{1}{2}$ miles south	20, SW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	W. J. Roby	--	Old	158	6	1
330	10 $\frac{1}{2}$ miles south	21, NE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	Mrs. M. A. Wilkerson	-- Shipman	1933	208	6	0.3
d/331	10 miles south	16, SE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	J. J. Hubbard	Moore Bros.	1934	3,245	12 $\frac{1}{2}$	--
332	do.	do.	do.	Oliver Daniel	-- Shipman	--	221	6	0.8
333	9 miles south	16, NE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	do.	do.	1933	206	6	0.8
334	8 $\frac{1}{2}$ miles south	8, NE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	do.	--	Old	188	6	0.5
335	10 miles south	7, SW $\frac{1}{4}$ NW $\frac{1}{4}$	do.	do.	--	Old	132	7	4
336	do.	do.	do.	do.	-- Shipman	1936	290	8	1
337	9 miles south	6, NW $\frac{1}{4}$ SE $\frac{1}{4}$	do.	do.	do.	--	200	6	1
338	6 miles south	40, SW $\frac{1}{4}$ NE $\frac{1}{4}$	34, T. 4 S.	R. S. Dunbar	--	Old	94	6	1.3
339	5 $\frac{1}{2}$ miles south	33, NE $\frac{1}{4}$ SW $\frac{1}{4}$	do.	Moore & Peebles	--	Old	123	4	1
340	9 miles southwest	38, SW $\frac{1}{4}$ SE $\frac{1}{4}$	35, T. 4 S.	R. L. Boston	--	Old	126	6	1



## Joe W. Lang, Project Superintendent

No.	Water Level		Pump and power <u>b/</u>	Use of water <u>c/</u>	Topographic situation	Remarks
	Depth below measuring point (feet)	Date of measurement				
316	151.6	May 12, 1937	C,W	S	Edge of sink	15 feet iron casing at top. Reported strong supply.
317	102.2	May 14, 1937	C,W	D,S	Flat	Concrete curb; 20 feet galvanized casing at top. Reported 8.5 feet drawdown after pumping
318	139.1	do.	C,W	S	Edge of sink	Concrete curb. Reported strong supply. 3-5 gallons a minute for 2 hours.
319	151.4	May 12, 1937	C,W	D,S,I	Gentle slope	Do.
320	162.3	do.	C,W	D,S,I	Flat	Concrete curb; 10 feet galvanized casing at top. Reported 25 feet drawdown after pumping
321	125.7	do.	C,W	S	Bottom of draw	10 feet galvanized casing at top. Reported strong supply. 3 gallons a minute for 2 hours.
322	--	--	--	--	--	Oil test. See log. supply.
323	123.4	May 12, 1937	C,W	S	Gentle slope	Concrete curb; 10 feet iron casing at top. Reported strong supply.
324	120	May 14, 1937	C,W	D,S	Flat	Concrete curb.
325	136	do.	C,W	S	do.	Concrete curb; 15 feet galvanized casing at top. Reported strong supply.
326	175	do.	C,W	D,S	do.	20 feet iron casing at top. Water reported in sand at 240-245 feet.
327	151	do.	C,W	S	do.	15 feet galvanized casing at top.
328	143.1	do.	C,W	D,S	do.	15 feet iron casing at top. Reported original depth, 500 feet.
329	95.3	do.	C,W	S	do.	Reported strong supply.
330	121.4	do.	C,W	S	do.	Concrete curb; 10 feet galvanized casing at top. Water reported in sand at 175 feet and
331	--	--	--	--	--	Oil test. See log. 200 feet.
332	118.2	May 11, 1937	--	N	Flat	10 feet iron casing at top.
333	120.2	do.	C,W	S	do.	Do.
334	105	do.	C,W	D,S,I	do.	Reported strong supply.
335	49.4	do.	C,W	S	Edge of draw	10 feet iron casing at top. Reported strong supply.
336	58.2	do.	--	N	do.	Do.
337	80.6	do.	C,W	S	Flat	Concrete curb; 10 feet iron casing at top.
338	70.4	May 10, 1937	C,W	D,S	Side of draw	Reported strong supply.
339	108.4	Apr. 28, 1937	C,W	S	Bottom of draw	Iron casing. Reported 4.3 feet drawdown after pumping 3-5 gallons a minute for 4 hours.
340	72.5	do.	C,W	S	Flat	Strong supply reported in sand.

Records of wells in Glasscock County--Continued

No.	Distance from Garden City	Section	Block and Township or Survey	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) a/
341	10 miles southwest	2, NE $\frac{1}{4}$ SW $\frac{1}{4}$	35, T. 5 S.	Oliver Daniel	-- Shipman	--	178	8	1.2
d/342	11 miles southwest	11, NW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	L. S. Bell	Plateau Oil Co.	1927	3,201	12 $\frac{1}{8}$	--
343	11 $\frac{1}{2}$ miles southwest	10, SE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	Oliver Daniel	J. Allen	Old	162	6	1
344	do.	do.	do.	do.	do.	1922	158	6	1
345	11 $\frac{1}{8}$ miles south	24, NW $\frac{1}{4}$ NW $\frac{1}{4}$	do.	W. D. Sanders	--	--	155	6	0.5
346	12 $\frac{1}{8}$ miles south	22, NE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	L. S. Bell	--	--	158	8	0.5
347	14 $\frac{1}{2}$ miles south	34, NW $\frac{1}{4}$ NW $\frac{1}{4}$	do.	C. W. Merchant	-- Shipman	1936	200	--	0.8
348	16 $\frac{1}{2}$ miles southwest	32, SW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	G. P. Lester	do.	1936	169	6	0.5
d/349	18 miles southwest	35, NE $\frac{1}{4}$ SW $\frac{1}{4}$	36, T. 5 S.	H. Boles	--	Old	137	6	0.5
d/350	16 $\frac{1}{2}$ miles southwest	25, NW $\frac{1}{4}$ SE $\frac{1}{4}$	do.	Harbison Est.	--	--	74	6	0
d/351	15 $\frac{1}{2}$ miles southwest	30, NE $\frac{1}{4}$ SE $\frac{1}{4}$	35, T. 5 S.	G. P. Lester	--	--	123	6	1
352	do.	24, NE $\frac{1}{4}$ SE $\frac{1}{4}$	36, T. 5 S.	Harbison Est.	--	Old	105	--	0.5
353	12 $\frac{1}{2}$ miles southwest	16, SW $\frac{1}{4}$ NE $\frac{1}{4}$	35, T. 5 S.	L. S. Bell	-- Shipman	--	171	6	1.3
354	13 miles southwest	6, SE $\frac{1}{4}$ NW $\frac{1}{4}$	do.	F. S. Makowsky	--	--	119	8	0.5
355	12 miles southwest	44, SE $\frac{1}{4}$ NW $\frac{1}{4}$	35, T. 4 S.	Mrs. M. E. Gooch	--	--	139	6	0
356	10 $\frac{1}{2}$ miles southwest	33, NW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	Mrs. Mary E. McDaniel	--	Old	153	6	0.5
357	do.	32, SW $\frac{1}{4}$ NE $\frac{1}{4}$	do.	D. D. Wall	--	Old	133	6	0.3
358	9 $\frac{1}{2}$ miles southwest	28, NE $\frac{1}{4}$ SW $\frac{1}{4}$	do.	Mrs. Mary E. McDaniel	--	--	142	6	0.3
359	8 $\frac{1}{2}$ miles southwest	27, NW $\frac{1}{4}$ NE $\frac{1}{4}$	do.	R. L. Boston	--	--	146	6	0
360	9 $\frac{1}{2}$ miles southwest	21, SW $\frac{1}{4}$ SW $\frac{1}{4}$	do.	B. C. Mann	-- Shipman	--	143	6	1.3
361	14 $\frac{1}{2}$ miles southwest	38, SW $\frac{1}{4}$ SW $\frac{1}{4}$	36, T. 4 S.	J. O. Bigby	--	Old	151	6	0
362	15 $\frac{1}{2}$ miles southwest	40, NE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	J. H. Kelly	--	Old	125	6	1
363	14 $\frac{1}{2}$ miles southwest	27, SE $\frac{1}{4}$ SW $\frac{1}{4}$	do.	J. C. Calverly	--	--	93	6	0.5
364	15 $\frac{1}{2}$ miles southwest	28, SW $\frac{1}{4}$ NE $\frac{1}{4}$	do.	do.	--	--	157	6	1
365	17 $\frac{1}{2}$ miles southwest	30, SE $\frac{1}{4}$ NW $\frac{1}{4}$	do.	W. H. Underwood	--	--	78	6	1.5
366	19 miles southwest	48, NW $\frac{1}{4}$ SE $\frac{1}{4}$	37, T. 4 S.	J. H. Jarrell	--	Old	111	6	0.5
367	17 miles southwest	41, SE $\frac{1}{4}$ SW $\frac{1}{4}$	36, T. 4 S.	Lang & Stone	--	--	162	6	0.5

## Joe W. Lang, Project Superintendent

No.	Water Level		Pump and power <u>b/</u>	Use of water <u>c/</u>	Topographic situation	Remarks
	Depth below measuring point (feet)	Date of measurement				
341	19.7	May 11, 1937	C,W	D,S	Edge of sink	10 feet iron casing at top. Reported strong supply.
342	--	--	--	--	--	Oil test. See log.
343	53.6	May 11, 1937	C,W	D,S,I	Edge of lake	Concrete curb; iron casing. Reported strong supply.
344	57.9	do.	--	N	do.	10 feet iron casing at top.
345	59.1	Apr. 14, 1937	C,W	S	do.	Concrete curb. Reported strong supply.
346	63.5	do.	C,W	D,S	Flat	Do.
347	72.5	do.	C,W	S	do.	Do.
348	73.2	do.	C,W	S	do.	Concrete curb; 10 feet galvanized casing at top. Reported strong supply.
349	83.5	Apr. 2, 1937	C,W	S	do.	Strong supply reported in sand.
350	47.3	Apr. 14, 1937	--	N	do.	Wood curb and casing.
351	65.8	do.	C,W	D,S	do.	
352	62.7	do.	C,W	D,S	do.	Concrete curb. Reported strong supply.
353	68.2	do.	C,W	S	do.	15 feet iron casing at top.
354	73.5	Apr. 13, 1937	C,W	S	do.	Concrete curb.
355	79.4	do.	C,W	D,S	do.	
356	88.6	Apr. 12, 1937	C,W	D,S	do.	Wood curb and casing. Strong supply reported in sand.
357	96.5	do.	C,W	D,S	do.	Concrete curb. Reported strong supply.
358	105.4	do.	C,W	D,S	do.	Strong supply reported in sand.
359	112.5	do.	C,W	S	do.	Wood curb and casing.
360	104.8	do.	C,W	D,S	do.	10 feet iron casing at top. Strong supply reported in sand.
361	85.8	do.	C,W	D,S	do.	Reported estimated yield, 25-30 gallons a minute.
362	90.2	do.	C,W	S	do.	Iron casing. Reported strong supply.
363	51.7	do.	C,W	S	Bottom of sink	Concrete curb; iron casing. Strong supply reported in sand.
364	106.4	do.	C,W	S	Flat	Do.
365	48.9	Mar. 30, 1937	C,W	S	Bottom of draw	Do.
366	79.8	Apr. 9, 1937	C,W	S	Flat	8 feet iron casing at top.
367	91.5	do.	C,W	D,S	do.	Reported altitude, 2,729 feet.

Records of wells in Glasscock County--Continued

No.	Distance from Garden City	Section	Block and Township or Survey	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.) <u>a/</u>
368	17 miles southwest	44, NW $\frac{1}{4}$ SE $\frac{1}{4}$	36, T. 4 S.	J. C. Cox	--	Old	137	6	0.3
369	16 $\frac{1}{2}$ miles southwest	45, SW $\frac{1}{4}$ SE $\frac{1}{4}$	do.	J. P. Glenn	--	Old	148	6	0
370	17 $\frac{1}{2}$ miles southwest	8, NE $\frac{1}{4}$ NE $\frac{1}{4}$	36, T. 5 S.	C. S. Bryans	--	--	138	6	0.3
371	15 $\frac{1}{2}$ miles southwest	10, NE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	J. O. Bigby	--	--	130	8	0.5
372	17 $\frac{1}{2}$ miles southwest	16, SW $\frac{1}{4}$ SE $\frac{1}{4}$	do.	do.	--	--	128	6	1
d/373	20 miles southwest	30, SW $\frac{1}{4}$ NE $\frac{1}{4}$	do.	W. A. Bigby	--	Old	121	8	0.5
d/374	21 miles southwest	24, SW $\frac{1}{4}$ SE $\frac{1}{4}$	37, T. 5 S.	J. D. Briggs	--	--	150	6	1
375	19 $\frac{1}{2}$ miles southwest	12, NE $\frac{1}{4}$ SE $\frac{1}{4}$	do.	T. S. Murphy	--	--	125	6	0.8
376	21 $\frac{1}{2}$ miles southwest	10, NE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	Jess Neal	--	--	126	6	1
d/377	22 miles southwest	22, NE $\frac{1}{4}$ NE $\frac{1}{4}$	do.	do.	--	Old	112	6	0

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

b/ C, cylinder; W, windmill; Cf, centrifugal; G, gasoline engine; E, electric; H, hand; number indicates horsepower.



Joe W. Lang, Project Superintendent

No.	Water Level		Pump and power b/	Use of water c/	Topographic situation	Remarks
	Depth below measuring point (feet)	Date of measurement				
368	79.8	Apr. 9, 1937	C,W	D,S	Flat	10 feet iron casing at top. Reported 16.4 feet drawdown after pumping 5 gallons a minute
369	83.2	Apr. 12, 1937	C,W	S	do.	10 feet iron casing at top. for 4 hours.
370	74.8	Apr. 10, 1937	C,W	D,S	do.	Concrete curb. Reported altitude, 2,711 feet.
371	78.5	Apr. 2, 1937	C,W	D,S	do.	10 feet iron casing at top.
372	69.8	do.	C,W	S	do.	Reported 1.2 feet drawdown after pumping 4 gallons a minute for 4 hours.
373	82.5	do.	C,W	S	do.	10 feet iron casing at top.
374	88.5	Apr. 9, 1937	C,W	S	do.	Concrete curb. Reported altitude, 2,695 feet.
375	76.7	Apr. 10, 1937	C,W	S	do.	Concrete curb. Reported 32.7 feet drawdown after pumping 5 gallons a minute for 4 hours.
376	82.2	Apr. 9, 1937	C,W	S	do.	10 feet iron casing at top.
377	86.3	do.	C,W	S	do.	Concrete curb. Strong supply reported in sand.

c/ S, stock; D, domestic; N, not used; I, irrigation; P, public; Of, oil field.

d/ No water sample collected for analysis.

e/ Water level reported.

Table of Drillers' Logs, Glasscock County, Texas

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 18</u>		
Landreth Prod. Corp., A. L. Houston No. 1, 19 miles northwest of Garden City.		
Red sand - - - - -	10	10
Lime - - - - -	12	22
Broken lime- - - - -	23	45
Lime - - - - -	20	65
Broken lime- - - - -	15	80
Water sand - - - - -	5	85
Broken lime- - - - -	30	115
Water sand - - - - -	10	125
Yellow sand and gravel - -	45	170
Red rock - - - - -	10	180
Red beds - - - - -	500	680
Sandy lime - - - - -	10	690
Brown rock - - - - -	15	705
Red beds - - - - -	26	731
Sandy shale- - - - -	50	781
Water sand - - - - -	29	810
Red rock - - - - -	5	815
Water sand - - - - -	25	840
Red bed- - - - -	10	850
Water sand - - - - -	10	860
Hard water sand- - - - -	20	880
Red rock - - - - -	10	890
Sand - - - - -	10	900
Red rock - - - - -	17	917
Yellow sand- - - - -	43	960
Red rock - - - - -	10	970
Yellow sand- - - - -	15	985
Red rock - - - - -	15	1000
Red beds - - - - -	15	1015
Yellow clay- - - - -	12	1027
Red clay - - - - -	28	1055
Sandy clay - - - - -	10	1065
Red gravel - - - - -	8	1073
Red clay - - - - -	27	1100
Red rock and clay- - - - -	90	1190
Red beds - - - - -	25	1215
Red rock - - - - -	10	1225
Broken lime- - - - -	55	1280
Red rock - - - - -	50	1330
Gravel - - - - -	10	1340
Gravel and red rock- - - -	60	1400
Lime - - - - -	10	1410
Salt - - - - -	385	1795
TOTAL DEPTH- - - - -		3845

<u>Driller's log of well 56</u>		
The California Company, J. F. Jones water well No. 1, 14 $\frac{1}{2}$ miles north of Garden City.		
Soil - - - - -	6	6
Broken lime- - - - -	69	75
Water sand-- - - - - -	95	170
Red beds - - - - -	25	195
TOTAL DEPTH- - - - -		195

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 57</u>		
The California Company, C. F. Jones water well No. 2, 14 $\frac{1}{2}$ miles north of Garden City.		
Soil - - - - -	4	4
White lime- - - - -	21	25
Sandy lime - - - - -	15	40
Lime - - - - -	10	50
Sand rock- - - - -	75	125
Red beds - - - - -	25	150
TOTAL DEPTH- - - - -		150

<u>Driller's log of well 65</u>		
The California Company, Wm. B. Currie water well No. 3, 12 $\frac{1}{2}$ miles northeast of Garden City.		
Soil - - - - -	5	5
Boulders - - - - -	10	15
Yellow lime- - - - -	34	49
Blue lime- - - - -	46	95
Red sand rock- - - - -	6	101
White sand rock- - - - -	6	107
Red sand rock- - - - -	45	152
White sand rock- - - - -	5	157
Concrete rock- - - - -	15	172
White sand rock- - - - -	25	197
Gravel-- - - - - -	15	212
Water sand - - - - -	14	226
TOTAL DEPTH- - - - -		226

<u>Driller's log of well 66</u>		
The California Company, Wm. B. Currie water well No. 4, 12 $\frac{1}{2}$ miles northwest of Garden City.		
Soil - - - - -	12	12
Lime - - - - -	38	50
Hard sand- - - - -	20	70
Red shale- - - - -	15	85
Hard sand- - - - -	50	135
Water sand - - - - -	35	170
Red bed- - - - -	3	173
TOTAL DEPTH- - - - -		173

<u>Driller's log of well 67</u>		
The California Company, Wm. B. Currie water well No. 2, 14 miles northeast of Garden City.		
Surface- - - - -	3	3
Pink clay- - - - -	49	52
White lime - - - - -	28	80
Yellow sand- - - - -	10	90
Red water sand - - - - -	5	95
Hard white sand- - - - -	15	110
TOTAL DEPTH- - - - -		110

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Table of Drillers' Logs, Glasscock County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 99</u>		
Enders and Co., Cushing No. 1, 14 miles northeast of Garden City.		
Gray surface soil - - - - -	10	10
Lime and shells - - - - -	4	14
Yellow clay and gravel - - -	21	35
Yellow lime shells and clay	23	58
Yellow lime - - - - -	7	65
Yellow fire clay - - - - -	10	75
Yellow lime - - - - -	8	83
Yellow clay - - - - -	10	93
Yellow lime and flint - - -	7	100
Soft yellow lime - - - - -	5	105
Water sand - - - - -	58	163
Red rock - - - - -	-112	275
Red sand - - - - -	91	366
Brown shale - - - - -	-129	495
Soft red shale - - - - -	11	506
Sandy brown shale - - - - -	19	525
Red shale - - - - -	10	535
Red clay - - - - -	10	545
Red beds - - - - -	45	590
Light red sand rock - - - -	20	610
Brown shale - - - - -	10	620
Brown water sand and rock -	20	640
Red sand - - - - -	12	652
Brown shale - - - - -	42	694
Sandy shale - - - - -	4	698
Red beds - - - - -	37	735
Light brown shale - - - - -	7	742
Brown shale - - - - -	23	765
Gray sand - - - - -	5	770
Hard blue sand - - - - -	25	795
Red sand - - - - -	5	800
Red shale - - - - -	5	805
Brown shale - - - - -	12	817
Blue shale - - - - -	3	820
Brown shale - - - - -	25	845
Red shale - - - - -	15	860
Blue shale - - - - -	20	880
Red gravel and shale - - -	15	895
Brown shale - - - - -	70	965
Blue shale - - - - -	10	975
Brown lime - - - - -	5	980
Blue sand - - - - -	20	1000
Red shale - - - - -	-130	1130
Red sand - - - - -	35	1165
Red shale - - - - -	-100	1265
Red sand - - - - -	65	1330
Red gravel and sand - - - -	15	1345
Red shale - - - - -	65	1410
Salt water sand - - - - -	30	1440
TOTAL DEPTH - - - - -		4500

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 110</u>		
The California Company, E. F. Turner water well No. 1, 10½ miles north of Garden City.		
Clay - - - - -	12	12
Lime - - - - -	28	40
Chalk - - - - -	25	65
Water sand - - - - -	10	75
Red rock - - - - -	10	85
Gray sand - - - - -	70	155
Gray water sand - - - - -	16	171
Red beds - - - - -	5	176
TOTAL DEPTH - - - - -		176

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 120</u>		
Meriwether Oil Co., Inc., L. S. McDowell, Wife and Son No. 1, 11½ miles north of Garden City.		
Yellow clay - - - - -	55	55
Red rock - - - - -	15	70
Sandy gravel - - - - -	5	75
Red water rock - - - - -	300	375
Brown shale - - - - -	25	400
Red bed and water - - - - -	105	505
Blue shale - - - - -	5	510
Brown shale - - - - -	30	540
Water sand - - - - -	85	625
Brown shale - - - - -	10	635
Water sand and shale - - -	65	700
Brown shale - - - - -	20	720
Red rock - - - - -	255	975
Water sand - - - - -	10	985
Red rock - - - - -	10	995
Salt - - - - -	420	1415
Blue shale - - - - -	20	1435
TOTAL DEPTH - - - - -		3905

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 140</u>		
Landreth Production Corp., A. L. Houston No. 1, 13 miles northwest of Garden City.		
Sand - - - - -	60	60
Red beds - - - - -	320	380
Red rock - - - - -	70	450
Red beds - - - - -	150	600
Water sand - - - - -	17	617
Red beds - - - - -	8	625
Water sand - - - - -	2	627
Sand - - - - -	38	665
Red beds - - - - -	10	675
Red sand - - - - -	35	710
Red beds - - - - -	10	720
Red sand - - - - -	34	754
Red beds - - - - -	376	1130
Water sand - - - - -	30	1160

(Continued on next page)

Table of Drillers' Logs, Glasscock County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 140--Continued</u>		
Hard sand - - - - -	5	1165
Red beds- - - - -	3	1168
Salt and anhydrite- - - - -	17	1185
TOTAL DEPTH - - - - -		3465

<u>Driller's log of well 177</u>		
The California Co., Steve Calverly No. 1, 8 miles northwest of Garden City.		
Soil - - - - -	8	8
Clay and caliche- - - - -	32	40
Yellow sand - - - - -	35	75
Water sand- - - - -	5	80
Gypsum rock - - - - -	5	85
Water sand- - - - -	17	102
Red bed - - - - -	13	115
Water sand and gravel - - - - -	15	130
Sandy yellow shale- - - - -	18	148
Red shale- - - - -	87	235
Sand- - - - -	9	244
Red shale, hole caving - - - - -	351	595
Red shale - - - - -	13	608
Water sand- - - - -	7	615
Sandy lime- - - - -	12	627
Water sand- - - - -	14	641
Red shale - - - - -	2	643
Gray sand - - - - -	27	670
Red shale - - - - -	2	672
Water sand- - - - -	28	700
Red shale - - - - -	32	732
Red rock- - - - -	5	737
Sandy red shale - - - - -	28	765
Red shale - - - - -	25	790
Sticky red shale- - - - -	75	865
Red shale - - - - -	215	1080
Anhydrite - - - - -	2	1082
TOTAL DEPTH - - - - -		3454

<u>Driller's log of well 206</u>		
Choate and Henshaw, A. D. and Jess Neal No. 1, 6 $\frac{1}{2}$ miles northeast of Garden City.		
Lime- - - - -	100	100
Gray lime - - - - -	40	140
Lime- - - - -	45	185
Red water sand- - - - -	40	225
Sandy lime- - - - -	15	240
Red sand- - - - -	20	260
Yellow water sand - - - - -	40	300
Gravel- - - - -	20	320
Red rock- - - - -	230	550
Blue slate- - - - -	10	560
Red rock- - - - -	30	590
Lime- - - - -	5	595
Red rock- - - - -	65	660
Gray shale- - - - -	90	750

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 206--Continued</u>		
Lime- - - - -	18	768
Dark-colored shale- - - - -	12	780
Water sand- - - - -	5	785
Gray lime - - - - -	40	825
Sandy lime- - - - -	25	850
Red rock- - - - -	5	855
Gray lime - - - - -	25	880
Red rock- - - - -	25	905
Gray shale- - - - -	5	910
Lime- - - - -	5	915
Red rock- - - - -	-105	1020
Sandy lime- - - - -	5	1025
Red rock- - - - -	25	1050
Water sand- - - - -	50	1100
Sand- - - - -	10	1110
Sandy shale - - - - -	5	1115
Sandy red <b>slate</b> - - - - -	60	1175
Sandy red rock- - - - -	40	1215
Red rock- - - - -	-340	1555
Sand- - - - -	5	1560
Red rock- - - - -	45	1605
Lime- - - - -	25	1630
Blue shale- - - - -	30	1660
Water sand- - - - -	60	1720
TOTAL DEPTH - - - - -		3302

<u>Driller's log of well 228</u>		
Marland Oil Co., Nellie Calder No. 1, 8 miles east of Garden City.		
Hard white lime - - - - -	5	5
Broken red lime - - - - -	95	100
Sand shells - - - - -	25	125
Broken lime - - - - -	75	200
Gravel- - - - -	25	225
Red rock- - - - -	10	235
Red lime shells - - - - -	-330	565
Red rock- - - - -	15	580
Blue shale- - - - -	90	670
Red mud - - - - -	10	680
Gray lime - - - - -	45	725
Red rock- - - - -	10	735
Water sand- - - - -	5	740
Sandy red shale - - - - -	40	780
Lime- - - - -	-270	1050
Sandy red shale - - - - -	10	1060
Broken lime - - - - -	60	1120
Salt- - - - -	40	1160
TOTAL DEPTH - - - - -		3500

<u>Driller's log of well 237</u>		
Fleetborn Oil Corp., A. A. Coulson No. 1, 5 $\frac{1}{2}$ miles north of Garden City.		
Lime- - - - -	-100	100
Sand- - - - -	20	120

(Continued on next page)

Table of Drillers' Logs, Glasscock County--Continued

	Thickness (feet)	Depth (feet)
<u>Drillers log of well 237--Continued</u>		
Sandy lime - - - - -	35	155
Water sand - - - - -	25	180
Sand- - - - -	20	200
Water sand - - - - -	20	220
Sand and gravel- - - - -	17	237
Red beds - - - - -	13	250
Red shale- - - - -	40	290
Red rock - - - - -	75	365
Red shale- - - - -	70	435
Red rock - - - - -	55	490
Red rock and blue shale- -	15	505
Red rock - - - - -	15	520
Brown shale- - - - -	55	575
Red rock - - - - -	95	670
Red rock and blue shale- -	25	695
Red shale- - - - -	15	710
Red rock - - - - -	50	760
Red shale- - - - -	15	775
White water sand - - - - -	15	790
Water sand - - - - -	10	800
Red rock - - - - -	5	805
Blue shale - - - - -	15	820
Red rock - - - - -	5	825
Brown shale- - - - -	15	840
Red shale- - - - -	10	850
Sandy brown lime - - - - -	10	860
Brown shale- - - - -	20	880
Sandy blue shale - - - - -	55	935
Blue water sand- - - - -	12	947
Sandy blue shale - - - - -	8	955
Gray water sand- - - - -	25	980
Gray sand- - - - -	10	990
Blue shale - - - - -	20	1010
Red rock - - - - -	5	1015
Red shale- - - - -	25	1040
Red beds - - - - -	35	1075
Red rock - - - - -	20	1095
Red rock and blue shale- -	10	1105
Red shale- - - - -	80	1185
Water sand - - - - -	5	1190
Red rock, shale and anhydrite - - - - -	10	1200
TOTAL DEPTH- - - - -		2778

<u>Driller's log of well 264</u>		
Penn Oil Co., Anna L. Yonker, et al No. 1, 13 miles west of Garden City.		
Lime - - - - -	22	22
Blue shale - - - - -	68	90
Red sand - - - - -	4	94
Yellow water sand- - - - -	38	132
Gray shale and water - - -	53	185
Red rock - - - - -	285	470
Gray sand- - - - -	15	485
Red rock - - - - -	65	550

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 264--Continued</u>		
Gray sand - - - - -	150	700
Red rock- - - - -	60	760
Red sandy shale - - - - -	17	777
Hard brown water sand - -	117	894
Brown sand- - - - -	66	960
Sandy red shale - - - - -	40	1000
Shells- - - - -	60	1060
Red rock- - - - -	50	1110
Red shale - - - - -	62	1172
Red sand- - - - -	82	1254
Red sand and shale- - - -	146	1400
Red sand and anhydrite- -	73	1473
TOTAL DEPTH - - - - -		3810

<u>Driller's log of well 281</u>		
S. C. Currie and Wahlenmier Pet. Co., Joe Calverly No. 1, 12 miles southwest of Garden City.		
Caliche - - - - -	5	5
Lime- - - - -	88	93
Sand- - - - -	17	110
Yellow water sand - - - -	38	148
Sand- - - - -	40	188
Red beds- - - - -	17	205
Sand- - - - -	39	244
Red rock- - - - -	121	365
Lime- - - - -	45	410
Red rock- - - - -	125	535
Lime- - - - -	5	540
Red rock- - - - -	120	660
Sandy lime and water- - -	10	670
Red rock- - - - -	30	700
Sandy blue shale- - - - -	10	710
Red rock- - - - -	60	770
Water sand- - - - -	3	773
Sand- - - - -	10	783
Red rock- - - - -	12	795
Red water sand- - - - -	20	815
Gray water sand - - - - -	15	830
Sand- - - - -	15	845
Sandy shale - - - - -	5	850
Water sand- - - - -	25	875
Sandy shale - - - - -	65	940
Red sand- - - - -	25	965
Lime- - - - -	5	970
Red rock- - - - -	105	1075
Water sand- - - - -	5	1080
Red shale - - - - -	195	1275
Sandy red shale - - - - -	25	1300
Red shale - - - - -	30	1330
Anhydrite - - - - -	8	1338
TOTAL DEPTH - - - - -		3701



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Table of Drillers' Logs, Glasscock County--Continued

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 291</u>		
Roxana Pet. Corp., R. L. Boston No. 1, 6 miles southwest of Garden City.		
Lime - - - - -	135	135
Water sand - - - - -	110	245
Red rock - - - - -	25	270
Brown sand - - - - -	20	290
Red beds - - - - -	360	650
Brown water sand - - - - -	60	710
Red beds - - - - -	495	1205
Salt and red beds - - - - -	760	1965
TOTAL DEPTH - - - - -		3875

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 303</u>		
White Eagle Oil and Ref. Co. and East- land Oil Co., Cox No. 1, 3½ miles southeast of Garden City.		
Pink shale - - - - -	10	10
Sandy white shale - - - - -	40	50
Water sand and gravel - - - - -	15	65
Gravel - - - - -	15	80
Quick sand - - - - -	70	150
Red sand - - - - -	15	165
Red rock and sand - - - - -	45	210
Red shale - - - - -	10	220
Sand - - - - -	15	235
Lime shell - - - - -	5	240
Red rock - - - - -	15	255
Red shale - - - - -	170	425
Red rock - - - - -	60	485
Lime shell - - - - -	5	490
Brown shale - - - - -	90	580
Red shale - - - - -	5	585
Water sand - - - - -	10	595
Red shale - - - - -	95	690
Water sand - - - - -	20	710
Red shale - - - - -	30	740
Water sand - - - - -	30	770
Sand - - - - -	30	800
Red shale - - - - -	75	875
Red rock - - - - -	20	895
Red shale - - - - -	205	1100
Red shale and anhydrite shells - - - - -	45	1145
Red shale - - - - -	20	1165
Red shale and gypsum - - - - -	85	1250
Salt - - - - -	50	1300
TOTAL DEPTH - - - - -		3272

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 312</u>		
Gibson and Johnson, Irene Dean No. 1, 8½ miles southeast of Garden City.		
Lime - - - - -	220	220
Red slate - - - - -	10	230
Sand - - - - -	30	260

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 312--Continued</u>		
Red shale - - - - -	10	270
Sand - - - - -	15	285
Sandy red shale and water - - - - -	30	308
Sand - - - - -	65	380
Red shale - - - - -	200	580
Sandy brown shale - - - - -	25	605
Water sand - - - - -	35	640
Red shale - - - - -	15	655
Lime - - - - -	3	658
Red shale - - - - -	12	670
Water sand - - - - -	45	715
Red shale - - - - -	380	1095
Salt - - - - -	425	1520
TOTAL DEPTH - - - - -		3620

	Thickness (feet)	Depth (feet)
<u>Driller's log of well 322</u>		
Gibson and Johnson, B. C. Mann No. 1, 7 miles south of Garden City.		
Lime - - - - -	175	175
Red slate - - - - -	5	180
Light-colored water sand - - - - -	40	220
Red slate - - - - -	10	230
Brown shale - - - - -	10	240
Water sand - - - - -	25	265
Sandy red shale - - - - -	30	295
Sandy gray shale - - - - -	60	355
Gravel - - - - -	10	365
Sand - - - - -	8	373
Hard lime - - - - -	7	380
Blue shale - - - - -	5	385
Red shale - - - - -	75	460
Red slate - - - - -	5	465
Sand - - - - -	10	475
Red shale - - - - -	40	515
Red rock - - - - -	85	600
Sand - - - - -	15	615
Red rock - - - - -	10	625
Water sand - - - - -	20	645
Red rock - - - - -	45	690
Water sand - - - - -	40	730
Sandy red shale - - - - -	5	735
Red rock - - - - -	5	740
Sand - - - - -	10	750
Red rock - - - - -	125	875
Hard lime - - - - -	4	879
Red rock - - - - -	236	1115
Lime shells - - - - -	5	1120
Anhydrite - - - - -	50	1170
TOTAL DEPTH - - - - -		3630

Table of Drillers' Logs, Glasscock County--Continued

	Thickness (feet)	Depth (feet)
Driller's log of well 331		
Moore Bros., J. J. Hubbard No. 1, 10 miles south of Garden City.		
Caliche - - - - -	12	12
Hard lime - - - - -	8	20
Anhydrite - - - - -	100	120
Lime- - - - -	40	160
Sandy blue shale- - - - -	15	175
Water sand- - - - -	115	290
Red rock- - - - -	5	295
Water sand- - - - -	20	315
Red rock- - - - -	15	330
Water sand- - - - -	20	350
Light-colored shale - - - - -	10	360
Red beds- - - - -	10	370
Red rock and water- - - - -	90	460
Water sand- - - - -	5	465
Red rock- - - - -	60	525
Sandy lime- - - - -	20	545
Water sand- - - - -	35	580
Red rock- - - - -	45	625
Water sand- - - - -	60	685
Sandy red rock- - - - -	35	720
Sandy red shale - - - - -	30	750
Red rock- - - - -	185	935
Anhydrite - - - - -	5	940
TOTAL DEPTH - - - - -		3245

	Thickness (feet)	Depth (feet)
Driller's log of well 342		
Plateau Oil Co., L. S. Bell No. 1, 11 miles southwest of Garden City.		
Lime- - - - -	147	147
Water sand- - - - -	113	260
Red rock- - - - -	25	285
Sand- - - - -	20	305
Red gumbo - - - - -	130	435
Red rock- - - - -	122	557
Blue shale- - - - -	10	567
Coarse water sand - - - - -	7	574
Blue shale- - - - -	8	582
Red shale - - - - -	71	653
Lime- - - - -	12	665
Gray limestone- - - - -	25	690
Water sand- - - - -	55	745
Hard sand - - - - -	45	790
Sand- - - - -	25	815
Red rock- - - - -	15	830
Brown sand- - - - -	18	848
Red rock- - - - -	27	875
Blue shale- - - - -	10	885
Red rock- - - - -	20	905
Blue shale- - - - -	5	910
Red rock- - - - -	90	1000
Red rock and broken chalk	20	1020
Red rock- - - - -	210	1230
Limestone - - - - -	5	1235
Red rock- - - - -	30	1265
Limestone - - - - -	10	1275
Salt- - - - -	25	1300
TOTAL DEPTH - - - - -		3201

Logs of test wells drilled by W. P. A. labor in Glasscock County, Texas  
(Samples examined and classified by Joe W. Lang, Project Superintendent.)

	Thickness (feet)	Depth (feet)
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Well 3

Small sink, side of county road, SE $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 38, blk. 36, T. 1 S., 23 miles northwest of Garden City.

Black clay and sand - - -	3	3
Limy, white clay and sand	9	12
Caliche rock - - -	-	12

No water sample collected. Jan. 11, 1937.

Well 4

Ridge above lake, side of county road, SE $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 38, blk. 36, T. 1 S., 23 miles northwest of Garden City.

Sandy, brown loam - - -	2	2
Red clay and sand - - -	2	4
Limy, white clay and sand	4	8
Chalky sand - - - - -	8	16
Caliche rock - - - - -	-	16

No water sample collected. Jan. 11, 1937.

Well 5

Gently rolling, side of county road, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 47, blk. 36, T. 1 S., 22 miles northwest of Garden City.

Sandy, brown loam - - -	3	3
Red clay and sand - - -	3	6
Limy, white clay and sand	12	18
Caliche rock - - - - -	-	18

No water sample collected. Jan. 11, 1937.

Well 6

Gently rolling, Chuck Houston tract, SE $\frac{1}{4}$ SE $\frac{1}{4}$ , sec. 47, blk. 36, T. 1 S., 21 $\frac{1}{2}$  miles northwest of Garden City.

Sandy, brown loam - - -	3	3
Red clay and sand - - -	6	9
Limy, white clay and sand	11	20

No water sample collected. Jan. 12, 1937.

Well 9

Flat, H. A. Houston tract, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 1, blk. 36, T. 2 S., 21 miles northwest of Garden City.

Sandy, chocolate-colored loam - - - - -	3	3
Brown clay and sand - - -	4	7
Limy, white and gray sand and clay - - - - -	8	15
Soft, limy sandstone - - -	4	19
Hard, limy sandstone - - -	1	20

No water sample collected. Jan. 19, 1937.

Well 12

Bottom of draw, Chuck Houston tract,

	Thickness (feet)	Depth (feet)
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Well 12--Continued

SW $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 1, blk. 36, T. 2 S., 21 miles northwest of Garden City

Sandy, black loam - - -	2	2
Sandy, pink clay - - -	6	8
Clay and sand with caliche pebbles - - - - -	1	9
Sandy, blue clay - - -	2	11
Limy, white sand and gravel	2	13
Sandy, blue clay - - -	2	15
Clay and sand with small gravel - - - - -	1	16
Water sand - - - - -	1	17
Blue gumbo clay and sand	1	18
Limy clay and sand with iron-colored clay - -	12	30
Small rocks in limy sand-	2	32
Blue gumbo clay and sand	3	35
Limy sand and clay - - -	12	47
Coarse-grained, brown water sand - - - - -	1	48
Pink gumbo clay - - - - -	1	49
Coarse, brown water sand and clay - - - - -	3	52
Pink gumbo clay - - - - -	1	53
Clay and coarse-grained sand	1	54
Red shale - - - - -	2	56

Water level, 15.2 feet below top of ground 4 hours after hole completed.  
Water sample collected. Jan. 14, 1937.

Well 14

Gently rolling, side of county road, SW $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 11, blk. 36, T. 2 S., 21 miles northwest of Garden City.

Clay and red sand - - -	4	4
Clay and dark gray sand -	1	5
Limy clay and light gray sand - - - - -	20	25
Sandy, light gray lime rock	2	27

No water sample collected. Mar. 24, 1937.

Well 15

Sandy ridge, side of county road, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 14, blk. 36, T. 2 S., 20 $\frac{1}{2}$  miles northwest of Garden City.

Clay and brown sand - - -	3	3
Clay and light brown sand	4	7
Limy sand and yellow clay	22	29
Caliche rock - - - - -	1	30

No water sample collected. Mar. 26, 1937.

Well 20

Sink bottom, -- Houston tract, NW $\frac{1}{4}$ SW $\frac{1}{4}$ ,  
(Continued on next page.)

Logs of test wells in Glasscock County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 20--Continued</u>		
sec. 11, blk. 35, T. 2 S., 18 miles north-west of Garden City.		
Sandy, black clay - - -	3	3
Clay and iron-colored sand	4	7
Limy, white sand and clay	2	9
Limy, gray sand - - -	9	18
Caliche rock - - -	-	18
No water sample collected. Jan. 25, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 21</u>		
Bottom of draw, W. C. Houston tract, NE $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 14, blk. 35, T. 2 S., 17 $\frac{1}{2}$ miles northwest of Garden City.		
Chocolate-colored loam -	3	3
Clay and brown sand - -	6	9
Clay and light brown sand	3	12
Limy clay and sand - -	6	18
Soft caliche rock and boulders - - - -	3	21
Hard caliche - - -	-	21
No water sample collected. Jan. 26, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 22</u>		
Bottom of draw, S. C. Houston tract, NW $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 14, blk. 35, T. 2 S., 17 $\frac{1}{2}$ miles northwest of Garden City.		
Sandy, black loam - - -	3	3
Brown, clayey sand - - -	5	8
Limy, gray sand and clay	10	18
Limy, white sand - - -	7	25
Coarse-grained white sand	5	30
Pink sand - - - -	2	32
Coarse-grained sand - -	1	33
Coarse-grained sand and pink clay - - - -	2	35
Quicksand - - - -	-	35
Water sample collected. Jan. 28, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 32</u>		
Gently rolling, side of county road, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 1, R. R. Wade survey, 17 miles northwest of Garden City.		
Sandy, brown loam - - -	2	2
Clay and red sand - - -	3	5
Limy, sand and white clay	19	24
Caliche rock - - -	-	24
No water sample collected. Feb. 8, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 37</u>		
Flat, side of county road, SE $\frac{1}{4}$ SE $\frac{1}{4}$ , sec. 12, blk. 34, T. 2 S., 15 $\frac{1}{2}$ miles north of Garden City.		
Sandy, dark gray loam -	1	1
Light brown clay and sand	3	4

	Thickness (feet)	Depth (feet)
<u>Well 37--Continued</u>		
Yellow sand and clay with streaks of lime - -		
	12	16
Chalky, white lime - -	1	17
Caliche rock - - -	-	17
No water sample collected. Mar. 9, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 39</u>		
Flat, side of county road, NE $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 18, blk. 33, T. 2 S., 15 $\frac{1}{2}$ miles north of Garden City.		
Sandy, dark gray clay -	1	1
Brown clay and sand - -	2	3
Limy, white clay and streaks of sandy, brown clay -	3	6
White chalk and gray clay	3	9
Sandy, brown clay and lime	2	11
Caliche rock - - -	-	11
No water sample collected. Mar. 10, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 41</u>		
Rolling, side of county road, SE $\frac{1}{4}$ SE $\frac{1}{4}$ , sec. 13, blk. 34, T. 2 S., 14 $\frac{1}{2}$ miles north of Garden City.		
Sandy, brown loam - - -	1	1
Sandy, chocolate-colored clay - - - - -	1	2
Sandy, reddish brown clay	1	3
Sandy, white lime and clay	4	7
Red clay and sand with lime - - - - -	1	8
Sandy, light brown lime and clay - - - - -	2	10
Caliche rock - - -	-	10
No water sample collected. Mar. 8, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 42</u>		
Sink bottom, side of county road, SW $\frac{1}{4}$ SE $\frac{1}{4}$ , sec. 18, blk. 33, T. 2 S., 14 $\frac{1}{2}$ miles north of Garden City.		
Brown sand - - - - -	1	1
Sandy, black clay - - -	1	2
Sandy, brown clay and lime	4	6
Sandy, gray lime and clay with chalky lime - -	7	13
Rock - - - - -	-	13
No water sample collected. Mar. 8, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 50</u>		
Bottom of draw, side of county road, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 26, T. 2 S., 14 miles north of Garden City.		
Sandy, dark gray clay -	4	4
Sandy, light brown clay with small caliche pebbles -	4	8

(Continued on next page.)

Logs of test wells in Glasscock County--Continued

	Thickness (feet)	Depth (feet)
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Well 50--Continued

Sandy, yellow lime with caliche pebbles and small lime boulders - - -	3	11
Boulders - - -		11
No water sample collected. Mar. 11, 1937.		

Well 53

Side of draw, side of road, SW $\frac{1}{4}$ SW $\frac{1}{4}$ , sec. 24, blk. 33, T. 2 S., 14 $\frac{1}{2}$  miles north of Garden City.

Sandy, dark gray clay -	2	2
Sandy, yellow lime and clay	4	6
Light gray caliche and clay	2	8
Caliche rock - - -		8
No water sample collected. Mar. 16, 1937.		

Well 60

Flat, side of county road, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 188, blk. 29, W. & N.W.R.R.Co., 14 $\frac{1}{2}$  miles north of Garden City.

Sandy, light brown clay -	2	2
Sandy lime and yellow clay	4	6
Sandy lime and dark gray clay - - - - -	4	10
Soft caliche rock - -	1	11
Hard caliche rock - -		11
No water sample collected. Mar. 16, 1937.		

Well 63

Bottom of draw, side of county road, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 187, blk. 29, W. & N.W.R.R.Co., 15 miles north of Garden City.

Sandy, dark gray clay -	6	6
Sandy, light brown clay and streaks of lime - -	12	18
Soft caliche rock - -	1	19
Hard rock - - - -		19
No water sample collected. Mar. 17, 1937.		

Well 76

Gentle slope, side of county road, SW $\frac{1}{4}$ SW $\frac{1}{4}$ , sec. 183, blk. 29, W. & N.W.R.R.Co., 15 $\frac{1}{2}$  miles northeast of Garden City.

Sandy, dark gray clay -	2	2
Sandy, light brown clay -	1	3
Limy, yellow gravel and clay - - - - -	9	12
Lime rock - - - -		12
No water sample collected. Mar. 17, 1937.		

Well 88

Bottom of draw, side of county road, SE $\frac{1}{4}$ SW $\frac{1}{4}$ , sec. 181, blk. 29, W. & N.W.R.R.Co., 17 miles northeast of Garden City.

Sandy, dark gray clay -	5	5
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	Thickness (feet)	Depth (feet)
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Well 88--Continued

Sandy, brown clay - -	3	8
Sandy, light brown clay and lime - - - - -	5	13
Sandy, light brown clay and caliche gravel - -	4	17
Hard caliche rock - -		17
No water sample collected. Mar. 19, 1937.		

Well 91

Valley flat, side of State highway, SW $\frac{1}{4}$ SE $\frac{1}{4}$ , sec. 210, blk. 29, W. & N.W.R.R.Co., 15 miles northeast of Garden City.

Sandy, black clay - -	3	3
Sandy, dark gray clay -	3	6
Clay and light brown sand	5	11
Sandy lime and light brown clay with caliche pebbles - - - - -	4	15
Limy, white clay - -	1	16
Sandy, light red clay and white lime - - -	10	26
No water sample collected. Mar. 23, 1937.		

Well 96

Broad valley slope, side of county road, SW $\frac{1}{4}$ SW $\frac{1}{4}$ , sec. 225, blk. 29, W. & N.W.R.R.Co., 15 $\frac{1}{2}$  miles northeast of Garden City.

Sandy, dark gray clay -	2	2
Sandy, brown clay and lime	1	3
Sandy, light brown clay and caliche pebbles - -	37	40
Caliche rock - - -		40
No water sample collected. Mar. 19, 1937.		

Well 117

Flat, side of county road, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 44, blk. 34, T. 2 S., 10 $\frac{1}{2}$  miles north of Garden City.

Light brown clay and sand	1	1
Brown clay and sand - -	3	4
Sandy, tan-colored clay -	12	16
Sandy, white clay - -	6	22
No water sample collected. Feb. 25, 1937.		

Well 124

Rolling, side of county road, NE $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 21, blk. 34, T. 2 S., 13 $\frac{1}{2}$  miles north of Garden City.

Sandy, red loam - - -	3	3
Sandy, brown clay - -	4	7
Sandy white lime and clay	4	11
Chalky lime and sand -	7	18
No water sample collected. Mar. 3, 1937.		



Logs of test wells in Glasscock County--Continued

	Thickness (feet)	Depth (feet)
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Well 125

Gently rolling, side of county road, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 22, blk. 34, T. 2 S., 13 miles north of Garden City.

Sandy, brown loam - - -	2	2
Sandy, white lime and clay	4	6
Sandy, light brown clay -	16	22
Sandy, white lime and clay	4	26
Sandy, white lime and clay and lime gravel - -	3	29
Caliche rock - - -	-	29
No water sample collected. Mar. 2, 1937.		

Well 129

Bottom of draw, side of county road, NE $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 42, blk. 34, T. 2 S., 10 $\frac{1}{2}$  miles northwest of Garden City.

Sandy, black loam - - -	2	2
Sandy, brown clay and lime	8	10
Gray lime and sand - -	2	12
White lime - - - -	2	14
Sandy lime and yellow clay	7	21
No water sample collected. Feb. 24, 1937.		

Well 130

Gentle slope, side of county road, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 41, blk. 34, T. 2 S., 9 $\frac{1}{2}$  miles northwest of Garden City.

Sandy, chocolate-colored loam - - - -	2	2
Sandy, brown clay and loam	2	4
Sandy lime and yellow clay	4	8
Sandy lime and white clay	4	12
Powdery, tan-colored, limy sand and clay - - -	1	13
Sandy, fine-grained, light yellow clay - - -	3	16
Sandy, white lime and clay	2	18
Limy, powdered clay - -	4	22
Gray lime and sand - -	3	25
Rock - - - -	-	25
No water sample collected. Feb. 23, 1937.		

Well 134

Side of draw, side of county road, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 39, blk. 34, T. 2 S., 11 miles northwest of Garden City.

Clay and brown sand - -	2	2
Sandy, light red clay -	7	9
Sandy, white clay and gypsum crystals - - -	3	12
Water sand - - - -	2	14
Red clay and gravel - -	3	17
Water level, 13.5 feet below top of ground 2 hours after hole completed. Water sample collected. Feb. 11, 1937.		

	Thickness (feet)	Depth (feet)
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Well 136

Side of sandy ridge, side of county road, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 27, blk. 35, T. 2 S., 12 $\frac{1}{2}$  miles northwest of Garden City.

Brown sand - - - -	2	2
Red sand - - - -	7	9
Clay and red sand - -	3	12
Red sand - - - -	8	20
Limy sand and white clay-	3	23
Limy, brown sand and caliche pebbles - -	7	30
No water sample collected. Feb. 11, 1937.		

Well 137

Rolling, side of county road, SE $\frac{1}{4}$ SE $\frac{1}{4}$ , sec. 14, R. R. Wade survey, 13 $\frac{1}{2}$  miles northwest of Garden City.

Brown sand - - - -	3	3
Brown clay and sand - -	4	7
Limy, brown sand - - -	11	18
Limy sand and white clay	18	36
Caliche rock - - - -	-	36
No water sample collected. Feb. 9, 1937.		

Well 138

Rolling, side of county road, NE $\frac{1}{4}$ SE $\frac{1}{4}$ , sec. 11, R. R. Wade survey, 15 miles northwest of Garden City.

Sandy, brown loam - - -	3	3
Clay and red sand - - -	6	9
Limy sand and white clay-	23	32
No water sample collected. Feb. 9, 1937.		

Well 145

Bottom of draw, side of county road, SE $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 22, blk. 36, T. 2 S., 19 $\frac{1}{2}$  miles northwest of Garden City.

Clay and brown sand - -	2	2
Sandy, lime and gray clay	2	4
Sandy, white lime - - -	3	7
Sandy, gravel and light gray lime - - - -	18	25
No water sample collected. Apr. 5, 1937.		

Well 147

Side of ridge, side of county road, NE $\frac{1}{4}$ SE $\frac{1}{4}$ , sec. 27, blk. 36, T. 2 S., 18 $\frac{1}{2}$  miles northwest of Garden City.

Clay and light brown sand	4	4
Clay and sandy, red loam	4	8
Clay and light brown sand	21	29
Clay and sandy, dark gray lime with caliche pebbles	19	48
Limy, light brown sand -	7	55
Hard rock - - - -	-	55
No water sample collected. Apr. 7, 1937.		

Logs of test wells in Glasscock County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 148</u>		
Bottom of small sink, side of county road, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 34, blk. 36, T. 2 S., 18 $\frac{1}{2}$ miles northwest of Garden City.		
Clay and sandy, dark brown loam - - - - -	4	4
Clay and dark gray sand -	3	7
Sandy, blue clay and sandy, brown clay - - -	5	12
Sandy, dark gray clay and white lime - - -	5	17
Clay and light brown sand with lime - - - -	4	21
Limy white clay and sand with caliche pebbles -	14	35
Hard caliche rock - -		35
No water sample collected. Apr. 6, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 149</u>		
Top of sandy ridge, side of county road, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 39, blk. 36, T. 2 S., 18 $\frac{1}{2}$ miles northwest of Garden City.		
Sandy, light red loam - -	2	2
Clay and red sand - - -	11	13
Clay and brown sand and lime - - - - -	4	17
Sandy lime rock - - -	1	18
Limy, light tan sand and clay with white lime -	11	29
Sandy lime and clay with caliche pebbles - -	1	30
Hard caliche rock - -		30
No water sample collected. May 3, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 152</u>		
Side of ridge, side of county road, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 38, blk. 36, T. 2 S., 17 $\frac{1}{2}$ miles northwest of Garden City.		
Light brown clay and sand	3	3
Limy clay and yellow sand	4	7
Limy, white clay and sand	13	20
Caliche rock - - -	5	25
No water sample collected. Apr. 8, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 158</u>		
Rolling, side of county road, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 48, blk. 36, T. 2 S., 16 miles northwest of Garden City.		
Brown sand and clay - -	1	1
Clay and red sand - -	4	5
Soft lime rock - - -	1	6
Hard, limy clay and sand-	29	35
Hard caliche rock - -		35
No water sample collected. May 11, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 159</u>		
Bottom of sink, side of county road, SE $\frac{1}{4}$ SE $\frac{1}{4}$ , sec. 39, blk. 36, T. 2 S., 17 miles northwest of Garden City.		
Clay and dark brown sand	4	4
Clay and light brown sand	7	11
Sandy, white lime - -	12	23
Sandy, light gray caliche	6	29
Limy, light brown sand -	4	33
Clay and light gray lime-	7	40
Limy, light gray sand -	12	52
No water sample collected. Apr. 8, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 168</u>		
Bottom of small sink, side of county road, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 1, blk. 36, T. 3 S., 15 $\frac{1}{2}$ miles west of Garden City.		
Sandy, black clay - -	3	3
Sandy, dark gray clay -	2	5
Sandy, light gray clay -	3	8
Limy, white sand - -	7	15
Fine, light yellow clay and sand - - - - -	9	24
Clay with white sand and red clay - - - - -	1	25
Limy, coarse-grained sand and gravel - - - -	1	26
Red gumbo clay - - -	14	40
Water level, 16.3 feet below top of ground 2 hours after hole completed. Water sample collected. May 13, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 169</u>		
Bottom of draw, side of county road, SW $\frac{1}{4}$ SW $\frac{1}{4}$ , sec. 1, blk. 36, T. 3 S., 15 miles west of Garden City.		
Sandy, black loam - -	3	3
Clay and limy, gray sand-	6	9
Clay and limy, pink sand	12	21
Red shale - - - - -	9	30
Water level, 6.1 feet below top of ground 24 hours after hole completed. Water sample collected. May 14, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 170</u>		
Bottom of draw, side of county road, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 14, blk. 36, T. 3 S., 14 $\frac{1}{2}$ miles west of Garden City.		
Sandy, light red clay -	2	2
Sandy, light brown clay -	3	5
Sandy lime and yellow clay with spots of white lime	16	21
Sandy, light red clay -	8	29
Sandy lime and red clay -	6	35
No water sample collected. May 17, 1937.		

Logs of test wells in Glasscock County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 173</u>		
Bottom of draw, side of county road, SE $\frac{1}{4}$ SE $\frac{1}{4}$ , sec. 23, blk. 36, T. 3 S., 13 $\frac{1}{2}$ miles west of Garden City.		
Sandy, brown clay - - -	4	4
Sandy lime and gray clay-	6	10
Limy clay and gray sand with spots of rust-colored sand	4	14
Lime rock - - - -		14
No water sample collected. May 18, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 191</u>		
Gentle slope, side of county road, NE $\frac{1}{4}$ SE $\frac{1}{4}$ , sec. 7, blk. 34, T. 3 S., 9 miles northwest of Garden City.		
Sandy, brown loam - - -	2	2
Sandy, light brown clay -	5	7
Caliche rock - - - -	1	8
Rock - - - - -		8
No water sample collected. Feb. 17, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 195</u>		
Gentle slope, side of county road, SE $\frac{1}{4}$ SE $\frac{1}{4}$ , sec. 39, blk. 34, T. 2 S., 10 $\frac{1}{2}$ miles northwest of Garden City.		
Sandy, brown loam - - -	3	3
Light brown clay and sand	16	19
Sandy, brown lime and clay	12	31
Limy, white sand and clay	10	41
No water sample collected. Feb. 15, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 196</u>		
Flat, side of county road, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 8, blk. 34, T. 3 S., 9 $\frac{1}{2}$ miles northwest of Garden City.		
Sandy, brown loam - - -	3	3
Sandy, light brown lime and clay - - - - -	2	5
Limy, white sand and clay	15	20
Limy, brown sand and clay	9	29
Limy, white sand and clay	12	41
Caliche rock - - - -		41
No water sample collected. Feb. 18, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 225</u>		
Valley flat, side of county road, SE $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 41, blk. 32, T. 4 S., 9 $\frac{1}{2}$ miles east of Garden City.		
Sandy, dark gray clay and loam - - - - -	1	1
Sandy, brown clay and loam	1	2
Limy, yellow sand and clay with caliche pebbles -	16	18
No water sample collected. May 18, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 239</u>		
Bottom of draw, SE $\frac{1}{4}$ SE $\frac{1}{4}$ , sec. 25, blk. 34, T. 3 S., 4 $\frac{1}{2}$ miles north of Garden City.		
Sandy, dark gray loam - -	3	3
Sandy, brown clay - - -	5	8
Limy, light gray clay and caliche pebbles - - -	3	11
Limy, light brown clay and caliche gravel - - -	6	17
No water sample collected. May 18, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 265</u>		
Bottom of draw, side of county road, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 37, blk. 36, T. 3 S., 12 miles west of Garden City.		
Sandy, dark gray clay - -	2	2
Sandy gravel and limy clay	3	5
No water sample collected. May 13, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 267</u>		
Top of ridge, side of county road, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 35, blk. 36, T. 3 S., 13 $\frac{1}{2}$ miles west of Garden City.		
Sandy lime and gray clay with small, lime boulders	2	2
Limestone boulders in sandy lime and clay -	1	5
Limestone - - - - -		3
No water sample collected. May 18, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 307</u>		
Valley flat, Currie Bros. tract, SW $\frac{1}{4}$ SW $\frac{1}{4}$ , sec. 23, blk. 33, T. 4 S., 5 $\frac{1}{2}$ miles east of Garden City.		
Sandy, dark gray loam - -	2	2
Sandy, brown clay - - -	2	4
Sandy lime and light gray clay - - - - -	3	7
Sandy lime and light red clay - - - - -	2	9
Limy, white clay and caliche pebbles with streaks of sandy, red clay - - -	6	15
No water sample collected. May 19, 1937.		

	Thickness (feet)	Depth (feet)
<u>Well 308</u>		
Valley flat, Currie Bros. tract, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , sec. 26, blk. 33, T. 4 S., 6 miles east of Garden City.		
Sandy, dark gray loam - -	2	2
Sandy lime and light gray clay - - - - -	4	6
Sandy lime and gray clay	7	13
Limy, rusty-colored, gray clay and caliche pebbles	4	17
Limestone boulders - -		17
No water sample collected. May 19, 1937.		

Partial analyses of water from wells in Glasscock County, Texas

(Analyzed at The University of Texas under the direction of Dr. E. P. Schoch, Director of the Bureau of Industrial Chemistry, by J. E. Stullken, D. F. Riddell, H. T. Davidson and Floyd H. Ward, 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.)

Well No.	Owner	Depth of well (feet)	Date of collection	Total dissolved solids (calculated)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na / K) (calculated)	Bicarbonate (HCO <sub>3</sub> )	Sulphate (SO <sub>3</sub> )	Chloride (Cl)	Total hardness as CaCO <sub>3</sub> (calculated)
1	Mrs. M.G. Parker	90	Jan.27,1937	1,801	187	114	284	232	512	590	936
2	do.	65	do.	723	-	-	-	293	182	144	-
7	H.A. King	82	Jan.25,1937	1,323	-	-	-	305	415	310	-
8	do.	114	do.	774	-	-	-	293	176	182	-
10	Chuck Houston	70	Jan.12,1937	6,764	357	379	1,412	244	2,756	1,740	2,451
11	do.	55	do.	1,786	2	6	691	994	348	250	29
12	W.P.A. test well	56	Jan.14,1937	3,553	246	225	635	336	1,562	720	1,536
13	W.H. Wise	60	Jan.27,1937	4,204	-	-	-	195	1,794	960	-
16	S.C. Houston	101	do.	823	-	-	-	427	210	112	-
19	H.A. Houston	110	Jan.20,1937	586	72	40	85	281	145	106	345
22	W.P.A. test well	35	Jan.28,1937	349	-	-	-	354	36	5	-
24	W.C. Houston	30	Jan.25,1937	741	123	60	62	451	190	84	552
25	A.R. Houston	118	Feb. 3,1937	2,405	175	109	499	317	966	500	888
26	Sand Well School	94	Feb. 4,1937	598	83	51	75	427	61	118	417
27	H.W. Cross	126	do.	784	108	50	102	305	216	158	476
28	H.G. Cross	114	do.	767	93	52	106	268	224	160	447
29	do.	102	do.	448	-	-	-	317	49	76	-
31	D.B. Cross	97	do.	453	-	-	-	281	80	70	-
33	Oxsheer Estate	52	do.	578	-	-	-	293	137	92	-
34	W.P. Edwards	75	Feb.23,1937	3,866	-	-	-	250	685	1,720	-
35	do.	15	do.	795	-	-	-	287	210	163	-
36	do.	57	do.	2,697	-	-	-	342	581	1,020	-
38	L.S. McDowell	59	do.	529	-	-	-	305	81	105	-
40	W.P. Edwards	60	do.	1,158	-	-	-	329	246	345	-
43	Sam Turner	108	Feb.24,1937	608	-	-	-	244	202	78	-
44	do.	82	do.	536	-	-	-	329	102	78	-
46	W.P. Edwards	80	Feb.23,1937	461	-	-	-	268	93	70	-
47	Mrs. E.B. Gillean	122	Feb.25,1937	526	-	-	-	232	105	120	-
48	W.P. Lantron	123	May 20,1937	397	56	20	66	262	72	54	222
49	R.C. Coffee	154	Mar. 1,1937	1,270	-	-	-	159	44	690	-
52	Mrs. H. Phillips	168	do.	442	80	17	62	268	73	78	271

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

Results are in parts per million.

Well No.	Owner	Depth of well (feet)	Date of collection	Total dissolved solids (calculated)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na / K) (calculated)	Bicarbonate (HCO <sub>3</sub> )	Sulphate (SO <sub>4</sub> )	Chloride (Cl)	Total hardness as CaCO <sub>3</sub> (calculated)
54	Mrs. H. Phillips	150	Feb.24,1937	355	51	13	63	183	68	70	183
55	G.W. Overton	162	do.	283	-	-	-	220	44	26	-
58	J.J. Phillips	162	Mar. 1,1937	376	-	-	-	238	57	64	-
59	R.D. Wright	156	Feb.25,1937	582	-	-	-	287	137	98	-
61	Panther Draw School	139	Feb.24,1937	554	68	17	115	262	109	116	241
62	Humble Pipeline Co.	140	Feb.23,1937	325	68	14	35	183	19	93	229
64	W.B. Currie	177	Mar.11,1937	450	78	10	79	244	61	102	236
65	do.	221	do.	319	65	9	45	244	40	40	201
66	do.	159	do.	287	71	9	26	238	32	32	216
68	do.	128	do.	306	-	-	-	232	44	34	-
69	Mrs. P.A. Ratliff	95	do.	288	-	-	-	207	28	50	-
70	A.M. Burns	124	do.	405	-	-	-	214	81	74	-
71	J.B. Hollis	137	Mar. 9,1937	368	79	15	39	268	55	48	260
72	I.W. Morgan	128	do.	335	-	-	-	177	46	80	-
73	J.T. & G.B. O'Barr	92	do.	463	-	-	-	305	49	92	-
74	R.K. Burns	89	Mar.23,1937	333	-	-	-	214	23	80	-
75	C.A. Hale	157	Mar.10,1937	315	-	-	-	238	36	44	-
77	G.B. O'Barr	131	Mar. 9,1937	306	-	-	-	256	23	41	-
78	H.R. Clay	162	Mar.17,1937	517	114	19	51	281	83	112	362
79	Mrs. Dora Roberts	171	Mar.18,1937	505	-	-	-	244	109	96	-
81	Otis Chalk	74	Mar.10,1937	247	68	4	26	275	a/	14	188
82	do.	132	do.	354	71	14	46	281	43	42	234
83	Mrs. Mattie Jones	201	do.	313	-	-	-	287	15	36	-
84	C.E. Campbell	159	do.	357	-	-	-	220	52	66	-
85	J.E. Clifton	115	Mar. 8,1937	492	-	-	-	293	72	96	-
86	Fairview School	106	do.	415	-	-	-	238	87	62	-
87	P. Keil	99	Mar.10,1937	389	-	-	-	244	65	62	-
89	J.D. Biles	95	Mar.18,1937	405	-	-	-	256	65	66	-
90	C. Edmunson	80	do.	347	-	-	-	256	44	48	-
92	Mrs. P.A. Ratliff	113	do.	222	-	-	-	183	24	24	-
93	S.G. Childress	148	do.	341	-	-	-	256	44	44	-
94	do.	130	do.	364	83	9	39	207	61	70	246
95	J.F. Henderson	204	do.	199	55	2	19	165	20	22	146
97	J.T. & G.B. O'Barr	83	Mar. 9,1937	438	-	-	-	305	53	72	-

a/ Sulphate less than 10 parts per million.



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

Well No.	Owner	Depth of well (feet)	Date of collection	Total dissolved solids (calculated)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na / K) (calculated)	Bicarbonate (HCO <sub>3</sub> )	Sulphate (SO <sub>4</sub> )	Chloride (Cl)	Total hardness as CaCO <sub>3</sub> (calculated)
98	J.T. & G.B. O'Barr	86	Mar. 9, 1937	195	-	-	-	146	15	34	-
100	W.L. Foster	116	Mar. 22, 1937	340	73	17	36	305	32	32	250
101	do.	110	do.	361	77	17	39	305	40	38	260
102	do.	98	do.	293	-	-	-	281	11	30	-
103	do.	115	do.	277	72	12	20	268	20	21	227
104	do.	130	do.	260	-	-	-	256	11	22	-
105	R.K. Burns	130	Mar. 23, 1937	242	64	14	-	238	11	36	219
106	Wm. B. Currie	162	Mar. 11, 1937	313	48	-	74	210	44	44	119
107	John W. Reeder	252	do.	278	62	10	30	220	40	28	196
108	Wm. B. Currie	260	do.	313	64	10	41	220	48	42	201
109	Claude Cole	159	Feb. 25, 1937	473	-	-	-	281	101	64	-
110	E.F. Turner	170	Mar. 1, 1937	367	84	7	46	268	52	46	239
111	Luin McWilliams	112	Mar. 2, 1937	339	90	9	32	293	a/	64	260
112	do.	87	do.	356	-	-	-	226	52	62	-
113	J.G. Carter	71	do.	848	-	-	-	342	189	192	-
114	do.	89	do.	429	-	-	-	256	91	58	-
115	do.	31	do.	674	-	-	-	220	178	155	-
116	do.	72	do.	664	90	27	114	281	163	132	337
118	L.S. McDowell	44	Feb. 9, 1937	355	-	-	-	341	a/	48	-
119	do.	46	do.	506	-	-	-	220	38	174	-
121	do.	72	do.	532	-	-	-	366	49	104	-
122	World Oil Co.	84	Feb. 23, 1937	705	99	38	109	195	89	274	403
123	Mrs. - Overton	86	do.	592	-	-	-	207	117	164	-
126	W.P. Edwards	139	do.	620	-	-	-	244	113	166	-
127	L.S. McDowell	20	Feb. 9, 1937	404	88	34	26	451	a/	34	361
128	do.	145	do.	804	116	33	129	256	182	218	425
131	J.T. Bell	45	Feb. 5, 1937	1,947	-	-	-	439	607	465	-
132	do.	54	do.	-	-	-	-	-	740	530	-
133	L.S. McDowell	22	Feb. 9, 1937	9,285	1,086	734	1,048	403	2,939	3,280	5,734
134	W.P.A. test well	17	Feb. 11, 1937	22,924	-	-	-	293	6,250	8,850	-
135	W.J. Wooster	34	Feb. 3, 1937	8,071	-	-	-	195	1,422	3,770	-
139	C.S. Berryhill	100	Feb. 4, 1937	810	168	56	40	378	216	144	650
141	W.C. Houston	20	Jan. 26, 1937	109	18	1	24	73	a/	30	51
142	do.	18	do.	3,168	353	134	476	195	1,814	295	1,433

a/ Sulphate less than 10 parts per million.

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

Results are in parts per million.

Well No.	Owner	Depth of well (feet)	Date of collection	Total dissolved solids (calculated)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na / K) (calculated)	Bicarbonate (HCO <sub>3</sub> )	Sulphate (SO <sub>4</sub> )	Chloride (Cl)	Total hardness as CaCO <sub>3</sub> (calculated)
143	H.A. Houston	65	Jan.26,1937	615	67	38	100	244	186	104	323
144	S.C. Houston	95	Jan.27,1937	550	74	33	65	262	149	100	320
146	W.S. Woolsey	112	do.	557	72	34	82	256	145	98	321
150	Mrs. Ada Baise	76	Apr.15,1937	1,822	-	-	-	275	658	425	-
151	Line School	69	Jan.28,1937	737	80	50	112	250	218	154	406
153	George Overton	90	do.	790	90	49	126	281	209	178	425
154	do.	94	Apr.15,1937	938	-	-	-	281	288	192	-
155	Otis Odom	100	do.	632	-	-	-	268	163	116	-
156	W.S. Woolsey	92	Jan.27,1937	559	-	-	-	244	145	98	-
157	L.M. Geary	73	Feb.16,1937	1,303	-	-	-	256	374	360	-
160	Z.K. McClintic	73	Jan.28,1937	1,648	-	-	-	317	660	290	-
162	S.N. Woody	42	Feb.12,1937	3,066	257	165	541	281	1,365	600	1,322
163	do.	52	do.	3,376	242	192	643	384	1,350	760	1,394
164	Mrs. A.L. Zant	56	do.	2,031	151	122	372	262	807	450	881
165	do.	65	do.	1,201	125	94	135	268	644	71	696
166	Glenn Brunson	24	Feb.16,1937	3,430	-	-	-	549	1,286	740	-
167	do.	31	Mar.31,1937	7,246	-	-	-	281	2,822	1,930	-
168	W.P.A. test well	40	May 13,1937	2,357	-	-	-	366	1,331	110	-
169	do.	30	May 14,1937	16,102	593	652	3,785	390	8,870	2,010	4,162
171	- Cathey	25	Feb.12,1937	2,256	-	-	-	134	1,498	15	-
172	Mrs. A.C. Weyman	66	Feb.16,1937	2,636	-	-	-	195	1,362	350	-
174	Lay Powell	103	Feb.15,1937	601	88	17	109	244	129	138	291
175	Steve Calverly	155	Feb.22,1937	445	90	15	55	256	80	79	284
176	do.	156	do.	947	-	-	-	73	125	454	-
178	do.	98	do.	686	-	-	-	232	167	166	-
179	E.T. Cobb	75	Feb.15,1937	706	-	-	-	207	174	185	-
181	J.O. Mock	73	do.	637	-	-	-	415	121	80	-
182	do.	102	do.	474	47	15	108	207	110	92	179
183	R.G. Pointer	94	do.	1,994	-	-	-	220	607	610	-
184	J.B. Ratliff	57	Feb.10,1937	409	-	-	-	354	38	42	-
186	do.	100	do.	333	56	16	49	232	46	52	205
187	G.R. Hillger	75	do.	1,530	-	-	-	439	478	315	-
188	B.H. Hillger	93	Feb. 5,1937	797	108	46	133	525	102	150	459
190	R.M. Davenport	67	do.	899	-	-	-	366	171	228	-

a/ Sulphate less than 10 parts per million.

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

Results are in parts per million.

Well No.	Owner	Depth of well (feet)	Date of collection	Total dissolved solids (calculated)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na / K) (calculated)	Bicarbonate (HCO <sub>3</sub> )	Sulphate (SO <sub>4</sub> )	Chloride (Cl)	Total hardness as CaCO <sub>3</sub> (calculated)
192	R.M. Davenport	51	Feb. 5, 1937	448	-	-	-	293	12	122	-
193	C.A. Byerley	67	Feb. 3, 1937	948	-	-	-	342	273	180	-
194	G.R. Hillger	71	Feb. 5, 1937	1,826	-	-	-	232	508	586	-
197	do.	73	Feb. 10, 1937	698	-	-	-	317	137	156	-
198	do.	72	do.	559	-	-	-	268	118	110	-
199	J.B. Ratliff	115	do.	327	-	-	-	305	19	32	-
200	Kerr Brothers	167	Feb. 17, 1937	437	-	-	-	281	91	50	-
201	do.	193	do.	685	134	23	75	262	219	105	429
202	J.G. Carter	170	Mar. 3, 1937	482	-	-	-	207	110	100	-
204	Mrs. L.B. Hevencamp	190	do.	383	-	-	-	232	53	76	-
205	A.D. Neal	160	May 18, 1937	301	-	-	-	244	23	44	-
207	do.	195	Mar. 3, 1937	215	66	7	9	214	a/	28	194
208	do.	98	May 6, 1937	260	68	7	23	244	26	16	199
209	J.R. Bartlett	128	do.	516	120	19	50	336	52	110	377
210	Hughes & Mason	228	do.	274	74	21	1	268	24	22	273
211	do.	212	do.	351	-	-	-	256	40	54	-
212	R.L. Stansberry	125	Mar. 22, 1937	429	-	-	-	348	53	44	-
213	do.	130	do.	305	-	-	-	256	15	47	-
214	do.	158	do.	276	-	-	-	244	26	25	-
215	W.R. Cole	121	May 6, 1937	264	-	-	-	244	24	19	-
216	C.C. Reynolds	137	May 18, 1937	237	63	17	8	250	a/	26	225
217	H.G. Ratliff	170	do.	254	-	-	-	268	a/	22	-
218	C.C. Reynolds	151	do.	298	-	-	-	268	15	36	-
220	Currie Bros.	100	May 5, 1937	1,179	95	62	226	268	468	196	493
221	do.	55	do.	501	-	-	-	366	89	48	-
223	do.	96	do.	767	-	-	-	403	182	115	-
224	do.	95	do.	816	-	-	-	366	190	158	-
226	do.	103	do.	400	-	-	-	256	57	70	-
227	Nellie Calder	118	do.	917	91	55	166	378	234	185	454
229	Currie Bros.	93	do.	393	-	-	-	256	65	58	-
230	Mrs. T.B. Long	127	May 6, 1937	392	-	-	-	232	81	56	-
231	do.	108	do.	465	-	-	-	287	81	74	-
232	Nellie Calder	103	May 5, 1937	348	-	-	-	293	32	40	-
233	G. Donaldson	140	May 6, 1937	493	-	-	-	305	81	82	-

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

Results are in parts per million.

Well No.	Owner	Depth of well (feet)	Date of collection	Total dissolved solids (calculated)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na / K) (calculated)	Bicarbonate (HCO <sub>3</sub> )	Sulphate (SO <sub>4</sub> )	Chloride (Cl)	Total hardness as CaCO <sub>3</sub> (calculated)
234	B.A. Keathly	120	May 17, 1937	495	-	-	-	372	57	70	-
235	A.D. Neal	92	do.	452	-	-	-	244	72	96	-
236	Steve Calverly Jr.	104	do.	494	-	-	-	305	91	74	-
238	Roxie Neal	113	Mar. 2, 1937	698	-	-	-	451	117	104	-
240	J.A. George	121	May 18, 1937	542	-	-	-	287	144	66	-
241	C.T. Hightower	157	Apr. 24, 1937	572	88	30	83	354	121	76	343
242	do.	152	do.	545	-	-	-	287	139	72	-
243	B.A. Keathly	110	Apr. 23, 1937	385	-	-	-	146	110	70	-
244	Steve Calverly	108	do.	346	-	-	-	238	49	52	-
245	Fred Ratliff	109	Apr. 27, 1937	437	-	-	-	293	64	68	-
246	J.H. Christie	78	Apr. 24, 1937	414	-	-	-	287	60	60	-
247	Glasscock County	145	Apr. 27, 1937	1,019	140	30	182	323	303	205	473
248	Henry Currie	125	Apr. 26, 1937	517	-	-	-	323	83	86	-
249	Christ Shaffer	160	Apr. 24, 1937	443	-	-	-	232	110	62	-
250	Garden City Public School	148	do.	590	85	25	90	226	185	94	316
251	Henry Currie	148	Apr. 26, 1937	650	-	-	-	287	178	104	-
252	W.B. Burns	67	Apr. 27, 1937	1,071	166	56	152	615	235	160	643
253	do.	58	do.	1,686	188	78	280	342	692	280	787
254	Henry Currie	114	Apr. 28, 1937	610	-	-	-	317	132	104	-
255	Fred Ratliff	95	Apr. 27, 1937	441	-	-	-	275	91	56	-
256	Henry Currie	96	Apr. 28, 1937	481	-	-	-	293	91	72	-
257	do.	192	do.	208	70	6	5	232	a/	13	198
258	S.R.A. Wagner Est.	142	Feb. 22, 1937	508	-	-	-	342	57	94	-
259	Steve Calverly	182	do.	270	62	9	32	256	19	22	190
260	Will Hanson	158	Apr. 28, 1937	538	-	-	-	268	114	100	-
261	do.	132	Apr. 1, 1937	414	-	-	-	146	117	82	-
262	Glenn Brunson	129	Mar. 31, 1937	490	104	14	84	207	194	92	319
263	A. Yonkers	155	Apr. 1, 1937	1,207	-	-	-	195	629	100	-
266	Glenn Brunson	60	Mar. 31, 1937	463	-	-	-	293	89	62	-
268	H.C. Wrage Est.	59	Mar. 26, 1937	1,724	-	-	-	329	645	345	-
269	do.	60	Mar. 24, 1937	1,924	-	-	-	354	717	395	-
270	do.	48	do.	2,217	-	-	-	98	984	475	-
271	Glenn Brunson	64	do.	1,327	84	43	323	232	483	280	386
272	H.C. Wrage Est.	95	do.	1,745	265	60	242	195	677	405	907

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

Well No.	Owner	Depth of well (feet)	Date of collection	Total dissolved solids (calculated)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na / K) (calculated)	Bicarbonate (HCO <sub>3</sub> )	Sulphate (SO <sub>4</sub> )	Chloride (Cl)	Total hardness as CaCO <sub>3</sub> (calculated)
273	H.C. Wrage Est.	71	Mar.27,1937	1,869	-	-	-	207	1,089	100	-
274	W.A. Hutchinson	94	Mar.30,1937	995	-	-	-	183	508	80	-
275	H.C. Wrage Est.	108	Mar.27,1937	1,713	286	65	162	165	1,029	90	980
276	W.H. Underwood	47	Apr. 1,1937	1,685	-	-	-	195	911	150	-
277	Sam Ratliff	79	do.	1,524	-	-	-	256	718	190	-
278	L.J. Medlin	99	Mar.30,1937	2,210	382	72	238	262	1,099	290	1,249
279	J.C. Calverly	47	Apr. 1,1937	1,158	-	-	-	232	573	100	-
280	do.	110	do.	2,330	442	53	234	256	1,250	225	1,322
282	W.H. Underwood	138	do.	726	-	-	-	189	315	80	-
283	Sam Ratliff	149	do.	1,255	212	29	162	226	621	120	648
284	A.B. Cole	151	do.	474	61	17	83	122	153	100	220
285	Bailey Bros.	147	do.	361	-	-	-	201	81	52	-
286	Henry Currie	179	Apr.12,1937	572	109	7	104	350	34	146	301
287	do.	165	do.	469	-	-	-	268	136	36	-
288	C.W. Turner	147	do.	354	-	-	-	256	53	44	-
289	R.L. Boston	176	Apr.28,1937	552	-	-	-	293	132	80	-
290	do.	198	do.	273	79	15	8	293	a/	27	260
292	do.	171	do.	3,249	457	64	601	256	881	1,120	1,404
293	Shell Pipeline Co.	178	do.	355	72	13	43	238	68	42	233
294	W.B. Burns	140	Apr.27,1937	415	88	19	38	281	98	34	297
295	Moore & Peebles	85	do.	626	-	-	-	305	155	100	-
296	Henry Currie	100	do.	524	-	-	-	281	132	68	-
297	W.B. Burns	66	Apr.26,1937	436	-	-	-	238	117	48	-
298	W.C. Buchanan	56	do.	731	-	-	-	238	246	120	-
299	Henry Currie	105	do.	505	-	-	-	256	140	62	-
300	W.C. Buchanan	135	do.	371	-	-	-	232	57	64	-
301	B.C. Mann	124	do.	356	-	-	-	244	64	42	-
302	M.K. & R.M. Hodges	151	do.	339	63	26	26	232	64	46	266
304	S.R. Cox	90	do.	604	-	-	-	299	147	96	-
305	do.	51	Apr.24,1937	1,342	-	-	-	336	394	325	-
309	Currie Bros.	55	May 15,1937	645	121	28	74	366	168	74	417
310	do.	48	do.	611	-	-	-	342	163	64	-
311	do.	114	May 5, 1937	364	-	-	-	305	32	44	-
313	do.	138	do.	305	-	-	-	220	63	32	-

a/ Sulphate less than 10 parts per million.



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

Well No.	Owner	Depth of well (feet)	Date of collection	Total dissolved solids (calculated)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calculated)	Bicarbonate (HCO <sub>3</sub> )	Sulphate (SO <sub>4</sub> )	Chloride (Cl)	Total hardness as CaCO <sub>3</sub> (calculated)
314	H.V. Hodges	200	May 12, 1937	254	-	-	-	238	a/	38	-
315	A. Kloh	198	do.	336	-	-	-	256	23	60	-
316	H.V. Hodges	216	do.	226	51	24	5	232	a/	32	225
317	W.H. Martin	178	May 14, 1937	218	-	-	-	238	a/	15	-
318	Sam Greer	204	do.	336	-	-	-	256	38	46	-
319	do.	224	May 12, 1937	273	12	19	73	250	12	34	107
320	J.W. Hardy	241	do.	305	56	29	18	262	55	18	258
321	Sam Greer	162	do.	381	-	-	-	256	57	58	-
323	Henry Currie	210	do.	307	-	-	-	250	19	48	-
324	Mrs. M.A. Wilkerson	May 14, 1937	1,189	171	62	136	275	575	110	683	
		240									
325	G.W. Overton	225	do.	831	-	-	-	268	356	68	-
326	Mrs. H. Hammond	255	do.	908	121	84	58	281	468	39	647
327	Brock & Johnson	250	do.	1,498	172	105	163	256	832	100	865
328	G.W. Overton	200	do.	835	117	62	75	262	386	66	543
329	W.J. Roby	158	do.	670	-	-	-	256	197	116	-
330	Mrs. M.A. Wilkerson	do.	1,045	-	-	-	275	484	86	-	
		208									
332	Oliver Daniel	221	May 11, 1937	1,115	146	60	139	238	545	108	612
333	do.	206	do.	968	-	-	-	281	408	102	-
334	do.	188	do.	748	117	45	82	305	250	104	478
335	do.	132	do.	968	140	53	112	268	431	100	567
336	do.	290	do.	6,986	693	228	1,438	299	2,080	2,400	2,670
337	do.	200	do.	590	-	-	-	299	197	42	-
338	R.S. Dunbar	94	May 10, 1937	469	-	-	-	256	121	56	-
339	Moore & Peebles	123	Apr. 28, 1937	313	-	-	-	262	34	32	-
340	R.L. Boston	126	do.	1,040	-	-	-	275	432	130	-
341	Oliver Daniel	178	May 11, 1937	509	-	-	-	336	121	40	-
343	do.	162	do.	668	-	-	-	262	238	74	-
344	do.	158	do.	918	-	-	-	348	310	124	-
345	W.D. Sanders	155	Apr. 14, 1937	355	-	-	-	232	68	44	-
346	L.S. Bell	158	do.	877	-	-	-	268	371	84	-
347	C.W. Merchant	200	do.	634	122	27	62	281	219	66	417
348	G.P. Lester	169	do.	804	-	-	-	244	353	66	-

a/ Sulphate less than 10 parts per million.

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

Results are in parts per million.

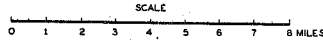
Well No.	Owner	Depth of well (feet)	Date of collection	Total dissolved solids (calculated)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na / K) (calculated)	Bicarbonate (HCO <sub>3</sub> )	Sulphate (SO <sub>4</sub> )	Chloride (Cl)	Total hardness as CaCO <sub>3</sub> (calculated)
352	Harbison Est.	105	Apr. 14, 1937	1,978	-	-	-	299	1,002	200	-
353	L.S. Bell	171	do.	563	107	26	56	293	178	52	576
354	F.S. Makowsky	119	Apr. 13, 1937	2,543	550	64	161	195	1,437	235	1,640
355	Mrs. M.E. Gooch	139	do.	995	-	-	-	299	390	126	-
356	Mrs. Mary E. McDaniel	153	Apr. 12, 1937	458	-	-	-	250	117	56	-
357	D.D. Wall	133	do.	1,316	265	-	178	275	583	155	663
358	Mrs. Mary E. McDaniel	142	do.	692	-	-	-	232	273	74	-
359	R.L. Boston	146	do.	412	-	-	-	79	174	64	-
360	B.C. Mann	143	do.	335	-	-	-	256	42	42	-
361	J.O. Bigby	151	do.	382	82	18	34	268	78	38	281
362	J.H. Kelly	125	do.	494	-	-	-	122	201	70	-
363	J.C. Calverly	93	do.	490	-	-	-	220	133	78	-
364	do.	157	do.	730	123	2	128	238	295	65	316
365	W.H. Underwood	78	Mar. 30, 1937	2,336	-	-	-	281	1,249	215	-
366	J.H. Jarrell	111	Apr. 9, 1937	878	160	40	82	317	374	66	565
367	Lang & Stone	162	do.	814	155	25	87	244	333	94	490
368	J.C. Cox	137	do.	538	-	-	-	305	137	60	-
369	J.P. Glenn	148	Apr. 2, 1937	1,119	180	29	136	61	636	108	568
370	C.S. Bryans	138	Apr. 10, 1937	1,514	300	40	140	281	741	155	916
371	J.O. Bigby	130	Apr. 2, 1937	567	-	-	-	287	159	68	-
372	do.	128	do.	1,008	-	-	-	275	431	110	-
375	T.S. Murphy	125	Apr. 10, 1937	1,473	-	-	-	268	719	150	-
376	Jess Neal	126	Apr. 9, 1937	490	-	-	-	232	117	86	-

# MAP OF GLASSCOCK COUNTY, TEXAS SHOWING LOCATIONS OF WATER WELLS LISTED

TEXAS BOARD OF  
WATER ENGINEERS  
ASSISTED BY  
U. S. GEOLOGICAL SURVEY

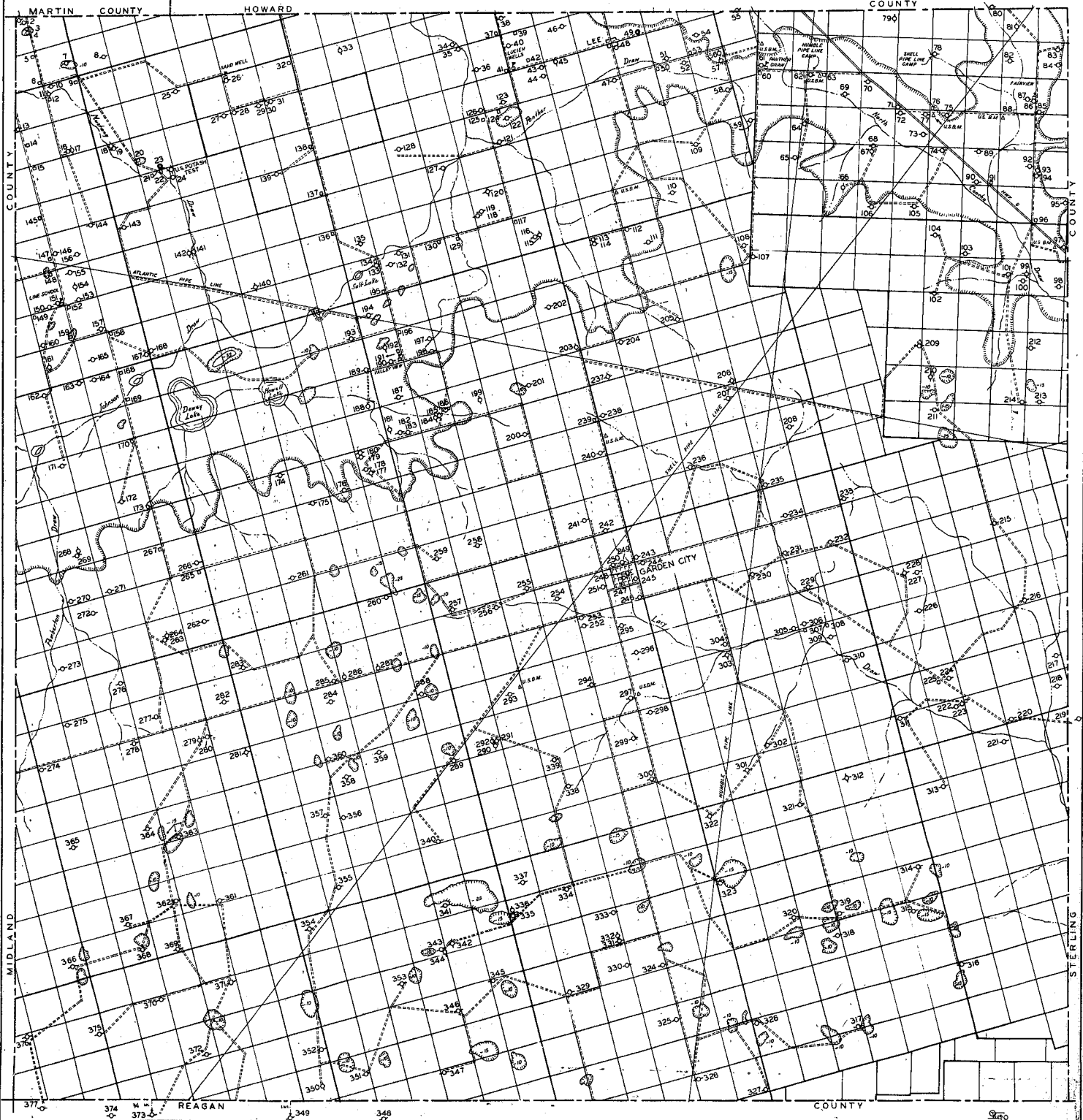
FIELD WORK BY  
JOE W. LANG  
PROJECT SUPERINTENDENT  
W.P.A. PROJECT 6504-5316

BASE COMPILED FROM  
LAND OWNERSHIP MAP  
AND FIELD NOTES



### EXPLANATION

- WELL WITH HANDPUMP BUCKET OR BAILER
- WELL WITH WINDMILL OR SMALL POWER PUMP
- WELL WITH PUMPING PLANT - 5 HORSE POWER OR LARGER
- WELL DRILLED TO TEST FOR OIL OR GAS
- TEST WELL DRILLED BY W.P.A. LABOR
- ◇ UNUSED WELL
- ◊ ESCARPMENT
- SINK WITH NUMBER INDICATING DEPTH BELOW GENERAL GROUND LEVEL
- ⊙ SCHOOL HOUSE
- IMPROVED ROAD
- - - UNIMPROVED ROAD





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