

TEXAS WATER COMMISSION

Joe D. Carter, Chairman  
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BULLETIN 6214

VOLUME II

GEOLOGY AND GROUND-WATER RESOURCES  
OF REEVES COUNTY, TEXAS

Drillers' Logs, Water Levels in Wells,  
and Chemical Analyses of Water

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Prepared in cooperation with the U. S. Geological Survey,  
the City of Pecos, and Reeves County

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FOREWORD

Volume II

GEOLOGY AND GROUND-WATER RESOURCES  
OF REEVES COUNTY, TEXAS

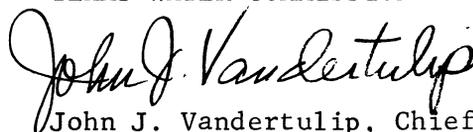
This is the second volume of a two-volume publication on the geology and ground-water resources of Reeves County, Texas, prepared by the Texas Water Commission [formerly the Texas Board of Water Engineers] and the U. S. Geological Survey in cooperation with the city of Pecos and the Reeves County Commissioner's Court.

The first volume of this report contains the text which describes the source, direction of movement, quantity, and quality of ground water in Reeves County, and relates the occurrence of ground water to the discharge of the springs and to the geology; the maps and other graphic matter which illustrate the results of the study; and basic data on records of wells and springs (Tables 6 and 7).

This volume contains drillers' logs of wells (Tables 8 and 9), tabular data on water levels in wells (Table 10), and chemical analyses of water samples from wells and springs (Tables 11, 12, and 13).

Locations of wells and springs listed in these tables are shown on the map (Plate 1) at the end of Volume I.

TEXAS WATER COMMISSION



John J. Vandertulip, Chief Engineer

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TABLE 8

DRILLERS' LOGS OF WELLS

IN

REEVES COUNTY

Table 8.--Drillers' logs of wells in Reeves County

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well A-34--partial log

Owner: T. X. L. Oil Corp. Driller: General Crude Oil Co.

Sand-----	25	25	Red beds-----	28	1,300
Sand and shells-----	115	140	Red beds and anhydrite	30	1,330
Sand and gravel-----	60	200	Salt-----	30	1,360
Limestone, white-----	10	210	Red beds and anhydrite	12	1,372
Limestone, brown, and anhydrite-----	90	300	Shale, blue, and anhydrite-----	10	1,382
Sandstone, brown, and anhydrite-----	85	385	Anhydrite-----	213	1,595
Red beds-----	20	405	Salt-----	150	1,745
Red beds and anhydrite	58	463	Anhydrite-----	97	1,842
Limestone and salt----	67	530	Salt-----	222	2,064
Anhydrite-----	180	710	Anhydrite-----	36	2,100
Anhydrite and salt----	300	1,010	Limestone and anhydrite	132	2,232
Red beds-----	25	1,035	Limestone, gray-----	8	2,240
Salt-----	75	1,110	Limestone, black-----	15	2,255
Anhydrite-----	110	1,220	Sandstone, limestone, and pyrite-----	37	2,292
Shale-----	38	1,258	Total depth-----		3,590
Salt-----	14	1,272			

Well B-4

Owner: T. & P. Lands Trust. Driller: Grisham-Hunter Oil Co.

Caliche-----	12	12	Shale, sandy, red-----	25	165
Sand-----	16	28	Sand (water)-----	60	225
Sand, hard-----	19	47	Sand-----	35	260
Sand-----	93	140	Shale, sandy, blue----	60	320

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well B-4--Continued					
Sand (water)-----	8	328	Anhydrite-----	28	690
Gumbo-----	7	335	Shale, red-----	10	700
Shale, brown-----	4	339	Anhydrite-----	7	707
Shale, blue-----	3	342	Salt-----	88	795
Gravel-----	6	348	Limestone-----	5	800
Shale, blue-----	2	350	Shale, brown-----	10	810
Sand (water)-----	3	353	Limestone, hard-----	5	815
Anhydrite-----	47	400	Limestone, hard, sandy (water)-----	10	825
Shale, red-----	5	405	Anhydrite-----	35	860
Anhydrite-----	1	406	Salt-----	170	1,030
Rock, red-----	14	420	Anhydrite-----	15	1,045
Anhydrite-----	90	510	Salt-----	105	1,150
Shale, blue-----	5	515	Shale, blue-----	25	1,175
Shale, red-----	30	545	Limestone, hard, sandy	10	1,185
Anhydrite-----	5	550	Shale-----	15	1,200
Rock, red-----	17	567	Limestone, gray-----	15	1,215
Anhydrite-----	23	590	Limestone, brown (water)	25	1,240
Shale, sandy-----	10	600	Limestone-----	90	1,330
Shale, red, and gypsum	6	606	Anhydrite-----	105	1,435
Rock, red-----	7	613	Shale, blue-----	60	1,495
Anhydrite-----	17	630	Anhydrite-----	110	1,605
Limestone, gray (water)	20	650	Limestone, sandy-----	10	1,615
Anhydrite-----	7	657	Anhydrite, sandy (show of gas)-----	30	1,645
Shale, blue-----	5	662			

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well B-4--Continued					
Anhydrite-----	315	1,960	Sand, hard-----	15	3,110
Shale, carbonaceous, black-----	60	2,020	Shale, sandy (water)--	5	3,115
Anhydrite-----	175	2,195	Limestone, black-----	24	3,139
Sand, hard (water)----	65	2,260	Shells and sandy shale	8	3,147
Anhydrite-----	80	2,340	Sand, hard, gray (show of gas)-----	28	3,175
Limestone, sandy-----	20	2,360	Shale, sandy, and shells	25	3,200
Anhydrite-----	288	2,648	Sand (show of oil)----	13	3,213
Salt-----	122	2,770	Shale, sandy, blue----	7	3,220
Limestone, gray-----	35	2,805	Sand, gray (show of oil)-----	15	3,235
Sandstone, hard, gray-	10	2,815	Sand and shale-----	25	3,260
Limestone, gray-----	132	2,947	Limestone, black-----	8	3,268
Limestone, black-----	26	2,973	Sand-----	11	3,279
Shale, sandy, calcar- eous (show of oil)--	12	2,985	Sand, white, calcareous (water)-----	21	3,300
Shale, sandy, dark----	30	3,015	Limestone, gray, sandy	15	3,315
Limestone, black (show of oil)-----	5	3,020	Sand (water)-----	7	3,322
Sand, gray-----	50	3,070	Sandstone, gray, calcareous-----	21	3,343
Shale, sandy, blue----	25	3,095	Sand (water)-----	7	3,350

## Well B-27--partial log

Owner: R. L. Biggs. Driller: World Oil Co.

Gypsum-----	40	40	Shale, blue-----	310	370
Clay, yellow-----	20	60	Shale, gray-----	25	395

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well B-27--Continued					
Limestone, gray-----	10	405	Shale, red-----	10	820
Gypsum-----	30	435	Anhydrite-----	45	865
Shale, blue-----	5	440	Anhydrite and red shale	15	880
Limestone, gray, and gypsum-----	5	445	Anhydrite-----	30	910
Anhydrite-----	15	460	Shale, blue-----	80	990
Shale, red-----	5	465	Anhydrite-----	13	1,003
Sand and gravel (water)	5	470	Rock, red-----	7	1,010
Shale, red-----	5	475	Anhydrite-----	5	1,015
Red beds-----	15	490	Shale, blue-----	15	1,030
Rock, red-----	110	600	Anhydrite (show of oil from 1,500-1,515 feet)	510	1,540
Anhydrite-----	20	620	Anhydrite and limestone	20	1,560
Rock, red-----	10	630	Anhydrite-----	60	1,620
Anhydrite-----	85	715	Limestone, brown-----	15	1,635
Limestone, gray-----	30	745	Anhydrite-----	30	1,665
Anhydrite-----	15	760	Limestone-----	10	1,675
Shale, blue-----	10	770	Anhydrite-----	50	1,725
Shale, red-----	20	790	Limestone, white-----	15	1,740
Anhydrite-----	20	810	Total depth-----		3,006

Well F-30

Owner: H. H. Johnson, et al. Driller: Dunnigan Bros. & Brahney Oil Co.

Surface sand-----	14	14	Sand-----	25	540
Sand and gravel-----	136	150	Shale, blue, and sand-	280	820
Sand-----	250	400	Sand and gravel-----	40	860
Sand and gravel-----	78	478	Slate, white-----	130	990
Shale, blue-----	37	515	Shale, blue-----	260	1,250

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well F-30--Continued					
Rock, red, and gypsum-	90	1,340	Salt and anhydrite--	198	3,496
Shale, blue-----	140	1,480	Anhydrite and lime- stone-----	45	3,541
Limestone, black-----	5	1,485	Salt and anhydrite--	419	3,960
Shale, red-----	15	1,500	Anhydrite and lime- stone-----	90	4,050
Sand and shale-----	20	1,520	Salt-----	100	4,150
Shale and anhydrite---	30	1,550	Anhydrite and lime- stone-----	179	4,329
Shale, brown-----	15	1,565			
Rock, red-----	164	1,729	Delaware Mountain group:		
Rustler formation:			Limestone, black----	25	4,354
Anhydrite-----	36	1,765	Sand and limestone--	7	4,361
Dolomite and anhydrite	170	1,935	Shale, black, calcareous-----	19	4,380
Anhydrite-----	10	1,945	Sand, gray, and shale	34	4,414
Dolomite-----	180	2,125	Shale, black, sandy-	6	4,420
Anhydrite and blue shale-----	645	2,770	Sand, gray-----	13	4,433
Anhydrite (water)---	50	2,820	Shale, black, sandy-	59	4,492
Limestone and anhy- drite (water)-----	72	2,892	Sand, gray (water)--	47	4,539
Castile formation:			Shale, black, sandy-	25	4,564
Salt, limestone, and anhydrite-----	33	2,925	Sand, gray (water)--	22	4,586
Anhydrite and lime- stone-----	53	2,978	Shale, black-----	6	4,592
Salt and anhydrite--	122	3,100	Sand, gray (water)--	96	4,688
Limestone-----	15	3,115	Show of gas and oil reported at numerous depths in the Delaware Mountain group		
Salt-----	18	3,133			
Anhydrite and lime- stone-----	165	3,298			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well F-31

Owner: E. C. Schwalbe. Driller: Lowery Walker.

Surface-----	20	20	Gravel, sand, and clay	56	195
Clay-----	40	60	Sand and gravel-----	26	221
Clay, red-----	45	105	Clay, sandy-----	75	296
Clay and gravel-----	20	125	Clay, blue-----	7	303
Clay, sandy-----	14	139			

Well F-37

Owner: J. E. Couch. Driller: Tom Simmons.

Soil-----	25	25	Clay, red-----	38	111
Gravel, coarse (little water)-----	5	30	Sand and some gravel--	20	131
Clay-----	15	45	Clay, blue-----	18	149
Quicksand (water)-----	18	63	Clay, red-----	1	150
Sand (water)-----	10	73			

Well F-38

Owner: J. E. Couch. Driller: Tom Simmons.

Soil-----	25	25	Sand and gravel (water)	22	133
Sand and gravel-----	5	30	Clay, blue-----	2	135
Clay-----	34	64	Sand and gravel-----	8	143
Sand and gravel (water)	6	70	Clay, blue-----	2	145
Clay, red-----	41	111			

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well F-41

Owner: Charlie Fitzgerald. Driller: Earl Fisher.

Soil and clay-----	40	40	Conglomerate-----	51	340
Gravel-----	25	65	Shale-----	72	412
Clay-----	30	95	Sand-----	8	420
Gravel-----	20	115	Gravel and sand-----	144	564
Clay-----	52	167	Shale and shells-----	21	585
Shale, sandy-----	23	190	Shale, blue, and gypsum-----	24	609
Gravel-----	15	205			
Shale-----	84	289			

Well H-4

Owner: J. L. Sears. Driller: Lowery Walker.

Surface-----	10	10	Shale-----	15	605
Clay, gravel, rock, and sand streaks----	90	100	Rock, hard, and gravel	175	780
Gravel and sandy clay-	155	255	Rock, gravel, and shale	31	811
Clay and gravel streaks	123	378	Rock, hard, and gravel	80	891
Gravel and sand-----	87	465	Rock, gravel, and lime	77	968
Shale-----	65	530	Gravel and shale-----	21	989
Gravel, sand, and shale streaks-----	60	590	Shale and gravel streaks	30	1,019

Well H-6

Owner: J. L. Sears. Driller: Lowery Walker.

Surface-----	10	10	Clay-----	10	35
Gravel and sand-----	15	25	Gravel, sand, and boulders-----	100	135

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well H-6--Continued

Gravel, sand, and clay streaks-----	325	460	Gravel, sand, and clay streaks-----	6	760
Shale-----	45	505	Gravel, shale, and lime streaks-----	45	805
Gravel and clay-----	75	580	Shale streaks-----	88	893
Shale, hard-----	50	630	Gravel, rocks, and shale streaks-----	25	918
Gravel, sand, and clay streaks-----	19	649	Shale-----	135	1,053
Gravel, sand, and small clay streaks--	105	754			

Well H-7

Owner: Hubert Nunn. Driller: Earl Fisher.

Caliche-----	33	33	Shale, blue, and gypsum	141	809
Sand and gravel-----	15	48	Gravel, black-----	19	828
Gravel-----	48	96	Shale, blue, and gravel	34	862
Shale-----	30	126	Gravel, blue and yellow	20	882
Gravel and shale-----	22	148	Shale, blue, and black gravel-----	39	921
Shale-----	55	203	Gravel, black-----	11	932
Shale and gravel-----	39	242	Shale, blue and yellow	100	1,032
Shale-----	70	312	Gravel, black, and boulders-----	28	1,060
Gravel-----	8	320	Shale, blue, boulders and gypsum-	67	1,127
Shale-----	27	347	Boulders and gravel---	25	1,152
Gravel-----	14	361	Shale and boulders----	163	1,315
Shale and gravel-----	29	390			
Shale, blue-----	245	635			
Gravel and boulders---	33	668			

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well H-27					
Owner: C. J. Whigham. Driller: Lowery Walker.					
Surface-----	10	10	Gravel-----	93	483
Sand and gravel-----	20	30	Shale-----	62	545
Gravel-----	55	85	Shale and gravel streaks	55	600
Clay, sandy, and gravel	36	121	Volcanic ash and rock-	55	655
Sand and gravel-----	134	255	Shale and gravel-----	43	698
Clay, sandy, and gravel	73	328	Volcanic rock-----	252	950
Clay-----	22	350	Shale-----	5	955
Shale-----	40	390			

Well H-32					
Owner: Grisham & Hawkins. Driller: Lowery Walker.					
No record-----	505	505	Gravel and clay streaks-----	242	1,057
Shale-----	75	580	Gravel and volcanic rock-ash-----	118	1,175
Sand and gravel-----	199	779			
Gravel-----	36	815			

Well H-34					
Owner: B. V. Shaw. Driller: Lowery Walker.					
Clay-----	33	33	Gravel-----	168	378
Sand, gravel, and boulders-----	29	62	Clay and gravel-----	12	390
Clay, sandy, and gravel	43	105	Shale, blue, and gravel	57	447
Gravel-----	80	185	Clay, sandy, and gravel	36	483
Clay-----	25	210	Shale, blue-----	97	580

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Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well H-34--Continued

Gravel and clay-----	73	653	Shale-----	35	980
Shale, blue, and gravel	42	695	Volcanic rock-ash-----	185	1,165
Gravel and clay streaks	45	740	Shale, blue, and volcanic ash-----	48	1,213
Clay, sandy, and gravel	142	882	Shale, blue-----	2	1,215
Volcanic rock-ash-----	63	945			

Well H-35

Owner: B. V. Shaw. Driller: Lowery Walker.

Surface-----	20	20	Clay, yellow-----	11	607
Clay, sandy-----	61	81	Clay, sandy, and gravel	56	663
Gravel-----	19	100	Shale, sandy clay, and gravel streaks-----	21	684
Gravel, rock, and sand	54	154	Clay and gravel-----	55	739
Gravel and clay streaks	3	157	Gravel, sand, and clay streaks-----	209	948
Gravel, small, and clay streaks-----	83	240	Clay and shale-----	8	956
Clay-----	13	253	Clay, sand, and gravel	39	995
Gravel and sand-----	68	321	Gravel and rock-----	33	1,028
Clay-----	9	330	Volcanic rock-----	67	1,095
Clay, sandy, and gravel	80	410	Shale-----	9	1,104
Gravel-----	10	420	Volcanic rock-----	34	1,138
Gravel and clay-----	25	445	Lime, anhydrite, and volcanic rock-----	40	1,178
Shale and sand-----	48	493	Volcanic rock-----	75	1,253
Shale-----	63	556			
Shale, blue-----	24	580			
Gravel-----	16	596			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well H-37

Owner: B. V. & H. W. Shaw. Driller: Earl Fisher.

Surface-----	6	6	Shale, blue, and gravel	43	608
Shale, sandy-----	17	23	Gravel-----	77	685
Sand and gravel-----	22	45	Shale and gravel-----	20	705
Gravel-----	9	54	Sand and gravel-----	45	750
Shale-----	21	75	Lime, yellow-----	25	775
Gravel-----	160	235	Lime, yellow, and gravel-----	40	815
Clay and gravel-----	47	282	Gravel and clay streaks	15	830
Gravel-----	28	310	Shale and shells-----	55	885
Clay and boulders-----	30	340	Clay and gravel-----	9	894
Shale and boulders-----	27	367	Shale-----	26	920
Shale-----	18	385	Clay, sandy, and sandstone-----	32	952
Shale, red-----	50	435	Rock, red, and shells-	43	995
Shale-----	5	440	Red beds-----	19	1,014
Gravel-----	72	512			
Shale, blue-----	53	565			

Well H-38

Owner: J. L. Harper. Driller: Lowery Walker.

Surface-----	15	15	Gravel and boulders---	15	190
Gravel-----	30	45	Clay and gravel-----	40	230
Gravel and rock-----	18	63	Gravel-----	155	385
Clay, yellow-----	12	75	Clay-----	30	415
Gravel, sand, and boulders-----	100	175	Clay and gravel streaks	20	435

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well H-38--Continued

Gravel and rock-----	40	475	Shale-----	130	1,000
Shale-----	110	585	Boulders-----	31	1,031
Sand and gravel-----	50	635	Shale-----	24	1,055
Shale-----	70	705	Boulders, gravel, and volcanic rock-----	35	1,090
Gravel and clay-----	65	770	Shale-----	6	1,096
Clay, sandy, and gravel	40	810			
Gravel-----	60	870			

Well H-39

Owner: J. L. Harper. Driller: Lowery Walker.

Surface-----	15	15	Gravel and clay-----	220	940
Gravel-----	370	385	Gravel, rock, and clay	50	990
Clay-----	75	460	Volcanic rock and ash-	215	1,205
Gravel-----	260	720			

Well H-48

Owner: W. H. Groves Estate. Driller: May & Bitten Oil Co.

Caliche-----	26	26	Shale, blue-----	216	650
Shale, gray-----	65	91	Sand (water)-----	3	653
Shale, sandy-----	25	116	Shale, dark-----	25	678
Shale, blue-----	64	180	Sand, broken-----	8	686
Shale, sandy (water)--	60	240	Shale, blue and white-	38	724
Shale, blue-----	35	275	Limestone, brown-----	4	728
Shale, gray, sandy----	35	310	Sandstone, brown-----	15	743
Limestone, brown-----	124	434	Limestone, brown-----	2	745

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well H-48--Continued					
Rock, red-----	115	860	Anhydrite-----	65	1,895
Shale, red-----	20	880	Limestone, gray-----	85	1,980
Rock, red-----	220	1,100	Anhydrite-----	110	2,090
Anhydrite and limestone	120	1,220	Limestone-----	150	2,240
Shale, blue-----	5	1,225	Anhydrite, red-----	35	2,275
Anhydrite-----	50	1,275	Limestone-----	30	2,305
Shale, blue-----	5	1,280	Limestone and sandstone	20	2,325
Sand (flowing sulfur water)-----	40	1,320	Anhydrite with thin limestone lenses----	240	2,565
Limestone, brown, sandy	18	1,338	Limestone-----	20	2,585
Limestone-----	27	1,365	Anhydrite-----	40	2,625
Anhydrite-----	55	1,420	Shale, red-----	7	2,632
Shale, sandy (sulfur water)-----	15	1,435	Anhydrite, red-----	8	2,640
Sand (sulfur water)---	12	1,447	Limestone, gray-----	95	2,735
Anhydrite-----	13	1,460	Shale, brown-----	20	2,755
Shale, blue-----	40	1,500	Anhydrite-----	25	2,780
Shale, sandy-----	10	1,510	Limestone, gray-----	50	2,830
Rock, red-----	2	1,512	Anhydrite and blue shale-----	15	2,845
Anhydrite-----	63	1,575	Limestone, gray-----	45	2,890
Shale, blue-----	25	1,600	Shale, sandy-----	20	2,910
Anhydrite-----	190	1,790	Limestone, gray-----	900	3,810
Shale, black-----	5	1,795	Limestone, brown, sandy	124	3,934
Limestone, brown-----	5	1,800	Limestone, black-----	16	3,950
Limestone, gray, hard-	30	1,830	Limestone, gray, sandy	25	3,975

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well H-48--Continued					
Shale, sandy (water)--	30	4,005	Limestone, dark-----	22	4,125
Limestone, gray, sandy	60	4,065	Sandstone-----	8	4,133
Shale, sandy-----	38	4,103			

## Well H-51

Owner: Ord Gary. Driller: Earl Fisher.

Soil and shale-----	27	27	Shale, blue-----	175	743
Gypsum and rock-----	8	35	Shale and boulders----	207	950
Boulders and gravel---	125	160	Shale, blue-----	77	1,027
Gravel, fine, and sand	88	248	Gravel and boulders---	78	1,105
Gravel-----	22	270	Shale, red, and boulders-----	60	1,165
Shale, brown, with gravel streaks-----	150	420	Shale, blue, and boulders-----	21	1,186
Shale, blue-----	80	500	Boulders-----	14	1,200
Gravel and boulders---	25	525	Shale-----	5	1,205
Shale and gravel streaks-----	43	568			

## Well H-53

Owner: Ord Gary. Driller: Cass &amp; Fisher.

No record-----	438	438	Gravel and shale-----	20	891
Shale-----	164	602	Gravel and boulders---	162	1,053
Shale and gravel-----	28	630	Boulders, green, and malpais*-----	122	1,175
Gravel-----	105	735	Shale and malpais----	35	1,210
Shale-----	12	747	Shale-----	26	1,236
Gravel-----	14	761			
Shale, blue-----	110	871			

\* See footnote at end of table.

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
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Well J-15

Owner: Paul Armstrong. Driller: Tom Simmons.

Soil-----	30	30	Sand and gravel (water)	10	80
Quicksand-----	5	35	Clay-----	40	120
Clay-----	35	70	Sand and gravel (water)	15	135

Well J-17

Owner: E. C. Schwalbe. Driller: L. F. Buchanan.

Gypsum and gypsiferous silt-----	6	6	Clay-----	12	62
Silt, buff, and clay, probably gypsiferous	34	40	Clay and gravel-----	5	67
Sand and gravel-----	10	50	Sand and gravel-----	7	74
			Clay-----	2	76

Well J-30

Owner: Marcus Dingler. Driller: Earl Fisher.

Surface-----	8	8	Conglomerate and shale	60	400
Sand-----	27	35	Shale-----	9	409
Caliche, sand, and shale-----	42	77	Shells and gravel-----	44	453
Sand and gravel-----	13	90	Sand and gravel-----	50	503
Shale-----	30	120	Shale, blue, and gravel	15	518
Sand and gravel-----	30	150	Gravel-----	18	536
Shale and gravel streaks	35	185	Shale-----	36	572
Gypsum and shale-----	76	261	Shale and shells-----	8	580
Gravel-----	28	289	Gravel-----	29	609
Shale-----	51	340	Shale, blue-----	6	615

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well J-32

Owner: J. W. Waldie. Driller: Earl Fisher.

Topsoil-----	8	8	Shale and conglomerate	72	465
Shale-----	17	25	Shale, sand, and gravel	11	476
Sand and gravel-----	17	42	Boulders-----	26	502
Shale and gravel-----	38	80	Shale and boulders----	8	510
Shale and gravel streaks	209	289	Gravel-----	15	525
Shale and conglomerate	38	327	Shale and boulders----	41	566
Shale and gypsum-----	18	345	Gravel-----	15	581
Conglomerate-----	48	393	Shale and boulders----	24	605

Well J-35--partial log

Owner: Russell Smith. Driller: Pearce Bros.

Soil and dry gravel---	95	95	Clay-----	3	199
Sand-----	5	100	Gravel-----	3	202
Gravel-----	35	135	Clay, red-----	37	239
Clay-----	7	142	Clay, yellow-----	11	250
Gravel-----	5	147	Clay and gravel streaks	35	285
Clay-----	44	191	Total depth-----		623
Gravel (water)-----	5	196			

Well J-36

Owner: Jack Williams. Driller: Ted Lindemann.

Gypsite, buff-----	17	17	Gypsite, buff-----	14	54
Sand, angular, and small gravel-----	23	40	Sand, angular, and small gravel-----	5	59

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-36--Continued					
Sand, buff, silty, fine	9	68	Clay-----	24	187
Sand and gravel (water)	6	74	Gravel, small, well assorted, mostly vol- canics (water)-----	1	188
Sand, mostly well- rounded quartz grains	3	77	Clay, buff-----	39	227
Clay, gray, light-----	24	101	Sand and gravel-----	2	229
Sand, gray, coarse-----	6	107	Clay-----	7	236
Clay, silty-----	10	117	Sand and gravel-----	4	240
Sand and gravel, dry--	23	140	Gravel, caliche- cemented-----	17	257
Gravel (1 inch in diameter)-----	5	145	Gypsum-----	28	285
Clay, brown, light, silty-----	15	160	Sand and gravel (water)	10	295
Gravel, small, well assorted, mostly vol- canics (water)-----	3	163	Clay, yellow-----	5	300

Well J-39--partial log

Owner: Jack Williams. Driller: Earl Fisher.

Soil and caliche-----	53	53	Sand, brown-----	6	105
Sand, brown-----	7	60	Clay-----	9	114
Sand and gravel (little water)-----	7	67	Sand (water)-----	11	125
Gravel (water)-----	10	77	Gravel-----	9	134
Clay-----	7	84	Total depth-----		632
Gravel (water)-----	15	99			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well J-42

Owner: Mrs. H. C. Bryan. Driller: Lang Buchanan.

Topsoil, sandy-----	5	5	Clay and streaks of sand and gravel-----	40	155
Sand and gravel, coarse	4	9	Sand and gravel-----	4	159
Clay, sandy, and gypsum	67	76	Clay-----	4	163
Sand and gravel, coarse (water)-----	9	85	Sand and gravel-----	7	170
Clay, yellow-----	26	111	Total depth unknown		
Sand and gravel, coarse	4	115			

Well J-43--partial log

Owner: H. H. Bryan. Driller: Lang Buchanan

Soil-----	36	36	Shale, blue and brown-	51	165
Caliche and shale-----	39	75	Gravel, large (water)-	7	172
Sand and gravel (water)	1	76	Shale, blue-----	2	174
Shale, yellow-----	34	110	Gravel, large (water)-	11	185
Sand and gravel (water)	4	114	Total depth-----		512

Well J-58

Owner: J. W. Lumpkin. Driller: Lowery Walker.

Surface-----	10	10	Shale, blue-----	35	330
Rock and gravel-----	30	40	Gravel, clay, and sand streaks-----	183	513
Gravel and clay-----	73	113	Sand and gravel-----	13	526
Gravel-----	57	170	Shale-----	89	615
Shale and clay-----	46	216	Gravel, black, and shells-----	30	645
Gravel and shells-----	34	250			
Shale and gravel-----	45	295			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well J-72--partial log

Owner: E. D. Godbey, Jr. Driller: Dean & Dingler.

Soil-----	6	6	Gravel-----	5	225
Gravel, large-----	3	9	Clay-----	2	227
Clay-----	6	15	Gravel-----	11	238
Gravel-----	3	18	Clay-----	12	250
Clay-----	74	92	Gravel-----	9	259
Gravel, dry-----	13	105	Clay-----	2	261
Clay-----	25	130	Gravel-----	9	270
Gravel (water)-----	40	170	Clay-----	3	273
Clay-----	42	212	Gravel-----	3	276
Sand and gravel-----	6	218	Clay-----	9	285
Clay-----	2	220	Total depth-----		360

Well J-83

Owner: Texas Cotton Industries. Driller: Lowery Walker.

Surface-----	15	15	Clay-----	125	510
Sand and gravel-----	50	65	Gravel-----	110	620
Clay and sand streaks-	30	95	Shale-----	34	654
Sand, gravel, and lime streaks-----	72	167	Gravel-----	76	730
Sand, clay, and gravel	65	232	Shale and sand streaks	42	772
Sand and gravel-----	18	250	Gravel, sand, and shale streaks-----	98	870
Clay, sandy, and gravel	40	290	Volcanic rock and shale	115	985
Gravel, small-----	50	340	Volcanic rock-----	21	1,006
Clay, blue-----	45	385	Shale-----	9	1,015

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well J-87

Owner: Texas Cotton Industries. Driller: Lowery Walker.

No record-----	590	590	Gravel, rock, and sand	52	922
Iron-----	19	609	Gravel, rock, and sand streaks-----	8	930
Sand and gravel-----	111	720	Sand and gravel-----	60	990
Sand, gravel, and shale streaks-----	120	840	Shale and gravel-----	10	1,000
Gravel and shale streaks	30	870			

Well J-88

Owner: Texas Cotton Industries. Driller: Lowery Walker.

Surface-----	10	10	Rock and clay streaks-	3	453
Gravel-----	50	60	Gravel and rock-----	57	510
Sand-----	25	85	Clay-----	150	660
Gravel-----	27	112	Sand, gravel, and clay	23	683
Lime and gravel-----	51	163	Clay-----	52	735
Rock-----	33	196	Clay and gravel streaks	53	788
Rock and gravel-----	64	260	Clay-----	102	890
Clay-----	20	280	Clay and gravel-----	141	1,031
Gravel and clay streaks	50	330	Clay, lime, and sand--	29	1,060
Boulders and gravel---	7	337	Lime, gravel, and rock	70	1,130
Clay and gravel streaks	59	396	Sand-----	5	1,135
Rock-----	22	418	Rock, lime, and gravel	104	1,239
Clay and gravel-----	11	429	Volcanic rock-----	31	1,270
Clay and sand-----	21	450	Shale-----	3	1,273

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well J-93

Owner: Allan Bacon. Driller: C. C. & H. Drilling Co.

Soil-----	15	15	Gravel-----	15	410
Gravel-----	20	35	Clay-----	10	420
Clay-----	80	115	Gravel-----	44	464
Sand and gravel-----	12	127	Clay, red-----	21	485
Clay-----	23	150	Gravel-----	5	490
Sand and gravel-----	55	205	Clay, red-----	10	500
Clay-----	15	220	Clay, blue-----	100	600
Gravel-----	30	250	Gravel-----	5	605
Clay-----	10	260	Clay, blue-----	40	645
Gravel-----	10	270	Gravel-----	12	657
Sand-----	4	274	Clay, blue-----	18	675
Gravel-----	74	348	Clay, brown-----	25	700
Clay-----	22	370	Gravel-----	24	724
Gravel-----	17	387	Clay, blue-----	23	747
Clay-----	8	395			

Well J-94

Owner: Ernest Epleg. Driller: Lowery & Fisher.

Surface-----	10	10	Sand and rock-----	62	237
Sand and rock-----	47	57	Sand, gravel, and conglomerate-----	93	330
Gravel-----	6	63	Gravel and boulders---	60	390
Clay, brown-----	27	90	Clay and rock-----	80	470
Gravel-----	7	97	Sand and gravel-----	42	512
Shale-----	78	175			

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-94--Continued					
Clay, brown-----	14	526	Clay and boulders-----	45	818
Clay, blue, and lime- stone streaks-----	78	604	Shale, blue-----	17	835
Shale, blue-----	30	634	Gravel and sand-----	65	900
Shale, red-----	31	665	Shale, blue-----	18	918
Gravel and sand-----	95	760	Gravel and boulders---	57	975
Shale-----	13	773	Gravel, sand, and rock	65	1,040
			Shale, blue-----	5	1,045

Well J-106

Owner: Bill Mattox. Driller: Earl Fisher.

Soil-----	6	6	Shale and gravel-----	30	450
Sand-----	19	25	Gypsum, rock, and shale	30	480
Sand and shale-----	12	37	Conglomerate and shale	53	533
Shale and gravel-----	68	105	Gypsum and shale-----	33	566
Gravel and gypsum-----	40	145	Shale, blue-----	119	685
Shale-----	80	225	Gravel and sand-----	35	720
Conglomerate and shale	64	289	Gravel and shale-----	100	820
Conglomerate-----	31	320	Shale-----	10	830
Shale-----	10	330	Shale and gravel streaks	245	1,075
Gypsum and rock-----	20	350	Shale and gravel-----	130	1,205
Shale-----	10	360	Malpais*-----	30	1,235
Conglomerate-----	12	372	Shale and malpais-----	30	1,265
Shale-----	48	420	Shale-----	255	1,520

\* See footnote at end of table.

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well J-108--partial log

Owner: R. H. Brown. Driller: C. C. & H. Drilling Co.

Soil-----	3	3	Sand-----	4	174
Clay-----	42	45	Sand and gravel-----	8	182
Sand and gravel (water)	10	55	Gravel-----	6	188
Clay, yellow-----	20	75	Clay-----	12	200
Sand and clay-----	43	118	Gravel-----	14	214
Gravel-----	7	125	Clay-----	1	215
Clay-----	31	156	Total depth-----		575
Gravel-----	14	170			

Well J-115

Owner: C. K. Hutchins. Driller: Earl Fisher.

Soil-----	5	5	Shale-----	86	269
Shale-----	10	15	Conglomerate-----	10	279
Sand and gravel-----	28	43	Gypsum and gravel-----	21	300
Shale, blue-----	10	53	Shale and shells-----	137	437
Shale and gravel-----	54	107	Shale and gypsum-----	81	518
Gypsum and shale-----	13	120	Gravel-----	17	535
Shale-----	42	162	Shale and gravel-----	9	544
Sand and gravel-----	21	183	Shale-----	6	550

Well J-116--partial log

Owner: C. K. Hutchins. Driller: Pearce & Baker.

Soil-----	3	3	Gravel (water)-----	11	68
Silt and clay, buff---	54	57	Clay and silt, buff---	67	135

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well J-116--Continued

Gravel and sand, small (water)-----	16	151	Gravel and sand (water)-----	9	201
Clay, buff-----	23	174	Shale, blue-----	1	202
Gravel (water)-----	7	181	Total depth-----		700
Clay, buff-----	11	192			

Well J-119--partial log

Owner: Howard Arnold. Driller: Lang Buchanan.

Clay-----	38	38	Gravel-----	5	135
Sand and gravel-----	10	48	Clay-----	20	155
Clay-----	67	115	Gravel-----	4	159
Gravel-----	13	128	Clay-----	21	180
Clay-----	2	130	Total depth-----		330

Well J-124

Owner: Marcus Dingler. Driller: Lang Buchanan.

Soil, gypsite, and caliche-----	25	25	Sand and gravel (water)	12	262
Sand and gravel (water)	6	31	Conglomerate (water)--	10	272
Conglomerate, coarse, poorly cemented-----	5	36	Clay-----	1	273
Gypsite and clay-----	134	170	Sand and gravel (water)	2	275
Sand, fine-----	4	174	Clay-----	30	305
Gypsite and clay-----	76	250	Sand and gravel (water)	13	318

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-126					
Owner: Pecos Country Club. Driller: Earl Fisher.					
Surface-----	8	8	Shale, red-----	63	408
Caliche-----	27	35	Gravel-----	7	415
Sand and gravel-----	35	70	Shale, red-----	35	450
Shale, yellow-----	70	140	Shale, blue-----	260	710
Shale, blue-----	103	243	Shale, brown, sandy---	30	740
Sand-----	17	260	Gravel, blue, and sand	40	780
Shale, blue-----	72	332	Shale, blue-----	220	1,000
Sand and gravel-----	13	345			

Well J-136					
Owner: Ferguson Bros. Driller: Earl Fisher.					
Surface-----	10	10	Shale-----	15	635
Clay and caliche-----	30	40	Shale, rock, and gravel	75	710
Sand and gravel-----	20	60	Shale-----	30	740
Gravel and shale-----	20	80	Gravel-----	55	795
Gravel-----	25	105	Shale and gravel streaks	30	825
Gravel and shale-----	220	325	Shale-----	76	901
Gravel-----	30	355	Gravel-----	29	930
Gravel and shale-----	124	479	Shale and gravel streaks	100	1,030
Gravel-----	91	570	Shale, blue-----	100	1,130
Shale, blue-----	40	610	Gravel, sand, and shale	75	1,205
Gravel-----	10	620			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well J-140--partial log

Owner: Hood Wise. Driller: C. C. & H. Drilling Co.

Soil-----	4	4	Gravel-----	25	183
Clay-----	54	58	Clay-----	15	198
Sand-----	14	72	Gravel-----	6	204
Clay-----	43	115	Clay-----	3	207
Sand-----	18	133	Total depth-----		500
Clay-----	25	158			

Well J-141

Owner: Mrs. L. Brooks. Driller: C. C. & H. Drilling Co.

Soil-----	3	3	Clay-----	58	163
Clay-----	37	40	Gravel-----	27	190
Sand-----	10	50	Clay-----	8	198
Clay-----	20	70	Gravel-----	17	215
Sand-----	20	90	Clay-----	2	217
Clay-----	5	95	Gravel-----	2	219
Sand-----	10	105	Clay-----	6	225

Well J-144

Owner: C. S. Hess Estate. Driller: Earl Fisher.

Soil-----	10	10	Shale-----	97	185
Sand-----	17	27	Shale and gravel streaks	30	215
Gravel-----	21	48	Shale and gypsum-----	16	231
Shale, brown-----	25	73	Gravel-----	4	235
Clay, yellow-----	15	88	Gravel and shale-----	42	277

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-144--Continued					
Conglomerate-----	27	304	Conglomerate and lime-	25	540
Shale-----	14	318	Shale, boulders, and gravel streaks-----	30	570
Boulders and shale----	24	342	Boulders, gravel, and sand-----	112	682
Boulders and gravel---	36	378	Boulders and shale----	18	700
Shale, gravel, and boulders-----	117	495	Shale-----	10	710
Shale-----	20	515			

Well J-147

Owner: C. S. Hess Estate. Driller: Lowery Walker.

Surface-----	10	10	Shale, brown-----	25	625
Caliche-----	25	35	Rock, gravel, and sand	35	660
Sand and caliche streaks	25	60	Sand, white-----	30	690
Clay, sandy-----	55	115	Clay and gypsum-----	30	720
Sand and gravel streaks	30	145	Shale, blue-----	28	748
Clay and gravel streaks	103	248	Sand and gravel-----	32	780
Sand, gravel, and clay streaks-----	282	530	Shale, 90 percent; gravel streaks, 10 percent-----	198	978
Clay and gravel-----	70	600	Shale, blue-----	52	1,030

Well J-150

Owner: P. J. McKinney. Driller: --Hardaway.

Clay-----	28	28	Clay-----	20	190
Sand and gravel-----	27	55	Gravel-----	10	200
Clay-----	48	103	Rock-----	8	208
Sand and gravel-----	11	114	Gravel-----	20	228
Clay, red-----	56	170			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well J-151--partial log

Owner: R. H. Brown. Driller: C. C. & H. Drilling Co.

Soil-----	10	10	Sand-----	10	130
Clay, gray-----	20	30	Clay, yellow-----	55	185
Clay, yellow-----	30	60	Gravel (water)-----	20	205
Sand and gravel (water)	7	67	Clay-----	20	225
Clay, blue and yellow-	53	120	Total depth-----		685

Well J-156

Owner: T. R. Chenoweth. Driller: Lowery Walker.

Surface-----	15	15	Clay and gravel-----	150	460
Gravel-----	45	60	Gravel and rock-----	95	555
Clay and gravel-----	27	87	Clay-----	15	570
Clay, sandy-----	148	235	Gravel, gypsum, and rock-----	28	598
Sand, black, gravel, and clay streaks----	40	275	Clay, yellow-----	10	608
Gravel and rock-----	35	310			

Well J-166

Owner: Kesey Bros. Driller: Lowery Walker.

Gravel-----	134	134	Rock and gravel-----	15	243
Rock-----	26	160	Clay-----	47	290
Rock, hard-----	12	172	Gravel and clay-----	60	350
Clay-----	20	192	Clay-----	50	400
Gravel-----	23	215	Sand, black-----	15	415
Rock-----	13	228	Gravel and clay-----	20	435

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well J-166--Continued

Clay-----	30	465	Gravel and sand-----	22	691
Clay and gravel-----	30	495	Clay and gravel-----	19	710
Clay-----	85	580	Clay-----	80	790
Gravel-----	5	585	Sand, black-----	20	810
Clay-----	84	669	Shale, blue-----	5	815

Well J-173

Owner: M. J. Mills. Driller: Lowery Walker.

Surface-----	8	8	Gravel and sandy clay-	230	430
Sand-----	13	21	Conglomerate-----	50	480
Clay, sandy-----	24	45	Gravel and clay streaks	40	520
Sand and gravel-----	33	78	Gravel, gypsum, and lime shells-----	52	572
Gravel and clay streaks	37	115	Lime, rock, and sand--	14	586
Sand, gravel, and clay streaks-----	85	200	Shale-----	23	609

Well J-182

Owner: David Davis. Driller: Huckabee & Coleman.

Soil-----	3	3	Conglomerate-----	10	124
Caliche-----	7	10	Clay-----	20	144
Clay-----	32	42	Gravel-----	21	165
Sand and gravel-----	13	55	Clay-----	25	190
Clay-----	15	70	Gravel-----	11	201
Gravel-----	10	80	Clay-----	54	255
Clay-----	34	114	Gravel, firm-----	18	273

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-182--Continued					
Clay-----	10	283	Conglomerate-----	21	545
Gravel, hard-----	60	343	Clay-----	15	560
Clay-----	15	358	Conglomerate-----	18	578
Conglomerate-----	109	467	Clay-----	2	580
Clay, pink-----	20	487	Conglomerate-----	8	588
Conglomerate-----	13	500	Clay-----	4	592
Clay-----	12	512	Conglomerate-----	2	594
Conglomerate-----	8	520	Clay-----	11	605
Clay-----	4	524			

Well J-190

Owner: Ted Johnston. Driller: Earl Fisher.

Soil-----	10	10	Shale, blue-----	13	405
Shale-----	67	77	Gravel-----	12	417
Conglomerate-----	10	87	Clay and shale-----	15	432
Shale-----	20	107	Gravel-----	41	473
Clay-----	78	185	Gravel and shale streaks	25	498
Gravel-----	18	203	Conglomerate-----	19	517
Clay-----	57	260	Shale-----	16	533
Gravel-----	20	280	Conglomerate-----	9	542
Clay-----	41	321	Shale-----	70	612
Conglomerate-----	71	392			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well J-219

Owner: W. W. Watkins. Driller: Lowery Walker.

No record-----	500	500	Shale and gravel, sandy	35	1,030
Shale, blue-----	40	540	Sand, gravel, and volcanic ash-----	100	1,130
Sand and gravel-----	110	650	Volcanic rock-ash-----	55	1,185
Shale and gravel streaks	150	800	Shale-----	6	1,191
Gravel-----	195	995			

Well J-225

Owner: Kesey Bros. Driller: Lowery Walker.

No record-----	600	600	Lime and sand-----	23	1,113
Sand and shale-----	188	788	Volcanic rock-ash-----	7	1,120
Shale and lime streaks	107	895	Shale-----	6	1,126
Lime and gravel-----	160	1,055	Rock-----	9	1,135
Lime-----	15	1,070	Shale-----	7	1,142
Shale-----	20	1,090			

Well J-227

Owner: Glenn Estes. Driller: Lowery Walker.

Surface-----	10	10	Clay and gravel streaks	73	327
Gravel-----	40	50	Gravel-----	18	345
Clay-----	40	90	Gravel and clay streaks	7	352
Clay and gravel-----	38	128	Clay-----	26	378
Gravel-----	22	150	Clay, sandy, and gypsum streaks-----	14	392
Clay-----	13	163	Clay, white, sandy, and gypsum-----	15	407
Gravel and clay streaks	91	254			

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-227--Continued					
Clay-----	28	435	Shale-----	11	780
Gravel and clay-----	45	480	Gravel and sand-----	10	790
Clay-----	80	560	Shale-----	15	805
Gravel-----	20	580	Gravel, sand, and volcanic rock-----	85	890
Shale-----	32	612	Shale-----	30	920
Clay, blue-----	56	668	Volcanic rock-----	45	965
Gravel-----	56	724	Shale-----	20	985
Clay and gravel streaks	32	756	Volcanic rock and gravel	48	1,033
Gravel and clay streaks	8	764	Shale-----	9	1,042
Clay and shale-----	5	769			

## Well J-229

Owner: L. G. Lemons. Driller: Lowery Walker.

Surface-----	17	17	Gravel and clay streaks	30	390
Sand and rock-----	23	40	Clay-----	18	408
Sand and gravel-----	20	60	Shale, blue, sand, and gravel streaks-----	107	515
Clay-----	10	70	Shale, sand, and gravel	10	525
Gravel-----	12	82	Shale, blue-----	120	645
Limerock, yellow-----	22	104	Sand and gravel-----	83	728
Sand and clay-----	46	150	Boulders-----	14	742
Gravel and rock-----	21	171	Sand and gravel-----	58	800
Clay-----	10	181	Boulders-----	48	848
Sand and gravel-----	119	300	Sand, gravel, and shale streaks-----	22	870
Clay-----	60	360			

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well J-229--Continued

Boulders-----	20	890	Volcanic rock and lime shells-----	12	1,042
Gravel and boulders---	25	915	Gravel and shale streaks	83	1,125
Volcanic rock-ash-----	81	996	Sand and shale-----	36	1,161
Volcanic rock and shale streaks-----	34	1,030			

Well J-231

Owner: Travis Lattner. Driller: Lowery Walker.

Surface-----	15	15	Shale, blue-----	80	635
Sand and gravel-----	27	42	Volcanic rock-----	47	682
Boulders-----	11	53	Shale, blue, gravel, and sand streaks----	43	725
Clay and gravel-----	17	70	Volcanic rock-----	73	798
Clay, sandy, and gravel	250	320	Shale, yellow-----	18	816
Clay, sandy-----	21	341	Ash, shale, and volcanic rock-----	84	900
Gravel and sand streaks	17	358	Volcanic rock-ash-----	264	1,164
Clay, blue-----	39	397	Shale, black-----	12	1,176
Sand, gravel, gypsum, and lime streaks----	68	465			
Gravel and clay-----	90	555			

Well J-237

Owner: W. T. Lattner, Jr. Driller: Lowery Walker.

No record-----	500	500	Shale and volcanic rock	42	1,112
Clay-----	147	647	Ash, rock, and shale--	6	1,118
Sand and gravel-----	83	730	Volcanic rock-----	22	1,140
Shale-----	160	890	Volcanic shale-----	10	1,150
Volcanic rock-ash-----	180	1,070			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well J-238

Owner: W. T. Lattner, Jr. Driller: Lowery Walker.

Surface-----	12	12	Sand and gravel-----	15	743
Sand-----	18	30	Sand, gravel, and shale streaks-----	52	795
Clay and gravel-----	3	33	Shale and sand streaks	70	865
Gravel-----	14	47	Sand, gravel, and shale streaks-----	20	885
Sandrock-----	31	78	Sand and gravel-----	10	895
Clay and rock-----	76	154	Shale-----	27	922
Sand and gravel-----	61	215	Sand and gravel-----	76	998
Sand and clay-----	20	235	Sand, white-----	14	1,012
Sand and gravel-----	125	360	Volcanic rock, sand, gravel, and shale streaks-----	74	1,086
Clay-----	66	426	Volcanic rock-ash-----	44	1,130
Shale and clay-----	30	456	Volcanic rock-----	30	1,160
Clay, sand, and gravel	45	501	Shale and gravel-----	10	1,170
Sand and shale-----	135	636			
Shale and sand streaks	92	728			

Well J-243

Owner: Ord Gary. Driller: Earl Fisher.

Surface-----	9	9	Conglomerate-----	23	188
Sand, clay, and gravel	28	37	Shale-----	11	199
Conglomerate and gravel	32	69	Conglomerate-----	41	240
Gravel, pea-----	31	100	Shale-----	18	258
Conglomerate-----	45	145	Conglomerate-----	50	308
Shale-----	20	165	Gravel and boulders---	77	385

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-243--Continued					
Shale and gravel-----	45	430	Shale, blue-----	53	1,050
Shale, blue, and gypsum	37	467	Boulders and gravel---	39	1,089
Shale and gypsum-----	73	540	Malpais*, rock, and sand-----	41	1,130
Shale, blue-----	50	590	Shale-----	3	1,133
Shale, blue, and gravel	15	605	Malpais and rock-----	5	1,138
Shale, blue-----	98	703	Shells, boulders, and shale-----	27	1,246
Shale-----	45	748	Malpais-----	81	1,246
Shale and gravel streaks	17	765	Rock, black-----	54	1,300
Shale, sand, and gravel	232	997			

\* See footnote at end of table.

Well J-245

Owner: Duke & Shaw. Driller: J. O. Jarman.

Soil-----	7	7	Shale, red-----	1	99
Gypsum, sandy-----	34	41	Gravel (water)-----	69	168
Gravel, dry-----	21	62	Shale, red-----	4	172
Clay, yellow-----	34	96	Sand (water)-----	18	190
Sand and gravel (water)	2	98			

Well J-249

Owner: W. J. Worsham well 2. Driller: Lowery Walker.

Surface-----	15	15	Clay-----	12	132
Gravel-----	50	65	Gravel-----	30	162
Clay-----	15	80	Conglomerate-----	53	215
Gravel-----	18	98	Clay, sandy-----	50	265
Rock-----	22	120	Gravel, hard, lime, and gypsum-----	35	300

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-249--Continued					
Clay, sandy, and gypsum	37	337	Shale, blue, sand, and gravel streaks-----	51	959
Clay, sandy, and gravel	153	490	Shale, sandy-----	56	1,015
Clay-----	40	530	Shale and sand streaks	13	1,028
Shale, blue, and gravel	12	542	Shale, sand, and lime streaks-----	22	1,050
Shale, blue-----	203	745	Shale, blue, and gravel	26	1,076
Clay, sandy-----	23	768	Sand and gravel-----	11	1,087
Shale, blue-----	41	809	Volcanic ash and sand-	69	1,156
Shale-----	46	855	Shale-----	19	1,175
Gravel and shale streaks	30	885			
Shale and small gravel streaks-----	23	908			

Well J-250

Owner: W. J. Worsham well 1. Driller: Lowery Walker.

Topsoil and sand-----	22	22	Boulders-----	29	192
Rock, sand, and gravel	8	30	Clay-----	16	208
Gravel-----	15	45	Gravel and sand-----	30	238
Clay and gravel-----	20	65	Clay, sandy-----	16	254
Clay-----	30	95	Sand and gravel-----	19	273
Gravel and sand-----	25	120	Clay, yellow-----	55	328
Rock, boulders, and gravel-----	9	129	Gravel, sand, and clay	14	342
Boulders-----	6	135	Boulders-----	21	363
Clay, yellow-----	20	155	Gravel and clay-----	23	386
Gravel and sand-----	8	163	Boulders-----	9	395

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-250--Continued					
Sand, boulders, and gravel-----	7	402	Conglomerate-----	19	753
Clay and sand streaks-	18	420	Clay-----	102	855
Sand and sandrock-----	11	431	Sand and gravel-----	40	895
Clay, yellow-----	40	471	Clay, sandy-----	55	950
Clay, sandy, and gravel streaks-----	35	506	Clay-----	22	972
Rock, boulders, and sand	39	545	Sand and fine gravel--	32	1,004
Clay-----	19	564	Clay and black gravel-	80	1,084
Shale, blue-----	56	620	Volcanic rock-----	70	1,154
Sand and gravel-----	11	631	Volcanic ash-----	14	1,168
Shale, blue-----	103	734	Clay, blue-----	20	1,188

Well J-253

Owner: R. R. Butler. Driller: Earl Fisher.

Surface-----	5	5	Shale and gravel streaks	24	604
Clay, sandy-----	18	23	Shale-----	41	645
Rock and gravel-----	57	80	Gravel-----	15	660
Shale-----	20	100	Shale, blue-----	120	780
Gravel-----	15	115	Shells, hard, and shale	65	845
Conglomerate-----	65	180	Shale-----	70	915
Shale and conglomerate	40	220	Shale and gravel-----	55	970
Conglomerate-----	18	238	Gravel-----	105	1,075
Shale-----	19	257	Shale-----	75	1,150
Gypsum and shale-----	143	400	Sand-----	5	1,155
Shale and conglomerate	61	461	Shale-----	5	1,160
Boulders and conglomerate	119	580			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well J-256--Continued

Shale, blue-----	68	625	Boulders and gravel---	40	745
Sand and gravel-----	10	635	Gravel, black-----	33	778
Shale-----	70	705	Shale, blue-----	4	782

Well J-258

Owner: I. R. Titus. Driller: E. Fisher.

Topsoil and sand-----	40	40	Clay and gravel-----	15	405
Sand and gravel-----	50	90	Sand and gravel-----	80	485
Clay and gravel-----	96	186	Clay-----	17	502
Clay-----	54	240	Clay and gravel-----	16	518
Gravel-----	62	302	Sand and gravel-----	26	544
Clay and gravel-----	73	375	Gravel and clay-----	20	564
Sand and gravel-----	15	390			

Well J-259

Owner: I. R. Titus. Driller: E. Fisher.

Soil-----	15	15	Clay and gravel-----	60	370
Gravel-----	43	58	Sand and gravel-----	60	430
Clay and gravel-----	82	140	Clay-----	24	454
Clay-----	70	210	Sand and gravel-----	20	474
Gravel-----	25	235	Clay and gravel-----	30	504
Sand and gravel-----	75	310			

Well J-260

Owner: I. R. Titus. Driller: E. Fisher.

Topsoil-----	10	10	Sand and gravel-----	50	60
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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-260--Continued					
Clay-----	30	90	Sand and gravel-----	15	315
Sand and gravel-----	50	140	Clay and gravel-----	65	380
Clay and gravel-----	30	170	Gravel-----	20	400
Clay-----	20	190	Sand and gravel-----	23	423
Gravel-----	56	246	Clay and gravel-----	41	464
Clay-----	15	261	Gravel, loose-----	14	478
Gravel-----	20	281	Clay-----	36	514
Clay and gravel-----	19	300			

Well J-261

Owner: Paul Davidson. Driller: Earl Fisher.

Soil-----	10	10	Clay and shale-----	190	780
Clay and gravel-----	30	40	Conglomerate-----	15	795
Sand and gravel-----	45	85	Shale-----	335	1,130
Shale-----	315	400	Shale and gypsum-----	30	1,160
Shale and gravel-----	30	430	Shale, blue-----	133	1,293
Gravel-----	160	590			

Well J-265

Owner: Tommy Wheelis. Driller: Earl Fisher.

Soil-----	6	6	Shale-----	44	182
Shale-----	32	38	Conglomerate-----	13	195
Sand and gravel-----	12	50	Shale-----	35	230
Shale-----	32	82	Conglomerate-----	31	261
Shale and gravel-----	56	138	Clay, yellow-----	29	290

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-265--Continued					
Shale and shells-----	62	352	Shale and conglomerate	40	780
Conglomerate-----	28	380	Shale, blue-----	54	834
Shale, blue-----	10	390	Shale, blue, and shells	131	965
Gravel-----	20	410	Shale, blue-----	53	1,018
Clay and shells-----	40	450	Shale, blue, and gypsum	77	1,095
Conglomerate-----	90	540	Gravel, black, and shale streaks-----	23	1,118
Shale-----	20	560	Gravel-----	17	1,135
Conglomerate-----	32	592	Shale, blue-----	38	1,173
Shale-----	37	629	Shale and shells-----	24	1,197
Conglomerate-----	41	670	Gumbo, blue-----	6	1,203
Shale-----	5	675	Gravel, black, and malpais*-----	50	1,253
Shale and shells-----	65	740			

\* See footnote at end of table.

Well J-279

Owner: J. B. Kirklin. Driller: Earl Fisher.

Sand and clay-----	75	75	Gravel-----	16	563
Gravel and sand-----	32	107	Shale and boulders----	102	665
Gravel, sand, and clay	53	160	Conglomerate-----	10	675
Shale, blue-----	212	372	Shale-----	9	684
Conglomerate-----	7	379	Conglomerate-----	12	696
Conglomerate and gravel	21	400	Conglomerate and gravel	9	705
Gravel and yellow clay	75	475	Shale, yellow, and gravel streaks-----	85	790
Shale, yellow-----	35	510	Conglomerate and shale	38	828
Shale, yellow and white	30	540			
Shale-----	7	547			

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well J-284

Owner: J. T. McKinney. Driller: Lowery Walker.

Surface-----	10	10	Gravel-----	10	608
Clay-----	65	75	Clay and gravel-----	32	640
Gravel and sand-----	94	169	Clay, sandy-----	12	652
Gravel and clay-----	28	197	Sand, clay, and gravel	52	704
Clay-----	28	225	Sand and clay-----	30	734
Gravel and clay-----	27	252	Gravel and sand-----	9	743
Gravel-----	7	259	Clay and sand-----	28	771
Gravel and sandy clay-	14	273	Sand and gravel-----	24	795
Clay-----	23	296	Clay and sand-----	17	812
Gravel and sand-----	14	310	Gravel and sand-----	10	822
Clay-----	35	345	Clay and sand-----	58	880
Gravel and sand-----	38	383	Shale, blue, and sand-	42	922
Clay-----	85	468	Clay, sand, and shale-	15	937
Clay and gravel streaks	9	477	Sand, gravel, and clay	53	990
Gravel and lime streaks	66	543	Gravel-----	10	1,000
Gravel and clay-----	42	585	Clay-----	2	1,002
Clay and rock-----	13	598	No record-----	34	1,036

Well J-285

Owner: J. T. McKinney. Driller: Lowery Walker.

Surface-----	10	10	Clay-----	24	278
Clay-----	231	241	Clay and gravel-----	15	293
Gravel-----	13	254	Clay-----	47	340

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well J-255

Owner: W. P. Mattox. Driller: Earl Fisher.

Soil-----	6	6	Shale, blue, and boulders-----	113	1,000
Shale-----	17	23	Shale, blue-----	138	1,138
Sand and gravel-----	67	90	Gravel and boulders---	52	1,190
Shale-----	52	142	Shale, blue-----	13	1,203
Conglomerate-----	16	158	Boulders-----	13	1,216
Shale and gravel-----	14	172	Malpais*, rock, gravel, and shale-----	56	1,272
Conglomerate-----	137	309	Shale, blue-----	13	1,285
Shale-----	46	355	Malpais, rock, and shale	24	1,309
Conglomerate-----	25	380	Rock, black-----	21	1,330
Shale-----	66	446	Shale-----	27	1,357
Shale, blue-----	305	751	Boulders-----	10	1,367
Shale, blue, and gypsum	125	876	Red beds-----	27	1,394
Sand and gravel-----	11	887			

\* See footnote at end of table.

Well J-256

Owner: W. P. Mattox. Driller: Earl Fisher.

Soil-----	6	6	Gravel-----	31	241
Shale-----	64	70	Sand, gravel, and gypsum	99	340
Sand and gravel-----	12	82	Sand and gravel-----	52	392
Shale-----	41	123	Shale-----	18	410
Gravel-----	6	129	Conglomerate-----	47	457
Shale-----	49	178	Shale-----	13	470
Shale and gravel-----	32	210	Shale, gravel, and gypsum-----	87	557

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-285--Continued					
Gravel and clay-----	102	442	Clay and gravel-----	23	704
Clay-----	43	485	Clay, sandy-----	8	712
Gravel-----	7	492	Clay-----	28	740
Clay-----	23	515	Gravel and sand-----	7	747
Gravel and clay streaks	45	560	Clay and gravel streaks	28	775
Clay-----	30	590	Gravel-----	35	810
Clay and gravel-----	34	624	Clay and gravel-----	2	812
Clay-----	29	653	Clay-----	3	815
Sand and gravel-----	28	681			

Well J-297

Owner: Reeves County Land Co. Driller: Lowery Walker.

Surface-----	15	15	Clay and gravel-----	53	808
Clay, sandy-----	172	187	Shale, blue-----	277	1,085
Gravel-----	73	260	Sand and gravel-----	17	1,102
Shale-----	20	280	Shale and ash-----	51	1,153
Gravel-----	10	290	Volcanic ash-----	37	1,190
Gravel and clay streaks	122	412	Sand, volcanic rock- ash, and shale streaks	218	1,408
Gravel and clay-----	198	610	Volcanic rock, hard---	32	1,440
Sand and gravel streaks	30	640	Volcanic rock-----	46	1,486
Clay-----	115	755			

Well J-301

Owner: Anthon Woods. Driller: R. Guffe.

Clay with hard streaks	70	70	Gravel-----	10	80
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(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-301--Continued					
Gravel with clay streaks	45	125	Clay-----	25	368
Conglomerate-----	41	166	Conglomerate-----	22	390
Clay-----	8	174	Clay, sandy, and sand-	17	407
Gravel-----	15	189	Gravel-----	13	420
Clay-----	6	195	Clay, sandy-----	26	446
Gravel-----	43	238	Clay-----	16	462
Clay-----	20	258	Gravel-----	26	488
Gravel-----	20	278	Clay-----	8	496
Gravel with clay streaks	19	297	Gravel-----	11	507
Clay-----	3	300	Clay, sandy-----	3	510
Gravel-----	15	315	Gravel-----	10	520
Clay-----	5	320	Conglomerate-----	5	525
Gravel and conglomerate	23	343			

Well J-305

Owner: Anthon Woods. Driller: Lowery Walker.

Surface-----	3	3	Sand and gravel-----	39	275
Caliche-----	12	15	Gravel and clay-----	115	390
Sand and gravel-----	78	93	Clay-----	17	407
Clay-----	10	103	Gravel-----	15	422
Clay, sandy, and gravel	10	113	Clay-----	7	429
Gravel, sandy-----	62	175	Gravel-----	75	504
Clay and gravel-----	8	183	Clay and rock-----	40	544
Clay-----	21	204	Clay, blue-----	2	546
Conglomerate-----	32	236			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well J-306

Owner: Tom Segulis. Driller: Lowery Walker.

Surface-----	15	15	Conglomerate and gravel streaks-----	50	582
Clay and gravel-----	73	88	Shale, blue-----	43	625
Clay, sandy-----	17	105	Shale and gravel streaks	305	930
Rock, gravel, and sand	22	127	Clay and gravel streaks	140	1,070
Clay-----	28	155	Sand, clay, and ash---	25	1,095
Gravel and sand-----	125	280	Volcanic rock-ash; and clay streaks-----	125	1,220
Gravel and clay streaks	220	500	Volcanic ash and shale	75	1,295
Conglomerate-----	10	510			
Sand, gravel, and boulders-----	22	532			

Well J-307

Owner: H. C. Tanner. Driller: Earl Fisher.

Surface-----	10	10	Shale and gravel-----	50	205
Shale-----	60	70	Conglomerate-----	75	280
Shale and boulders---	44	114	Shale and gravel-----	28	308
Shale-----	10	124	Gravel and boulders---	89	397
Gravel-----	16	140	Conglomerate and shale	173	570
Boulders and gravel---	15	155	Shale-----	25	595

Well J-311

Owner: Worsham & Evans. Driller: Earl Fisher.

Surface-----	8	8	Conglomerate-----	45	130
Sand-----	17	25	Shale-----	15	145
Gravel, pea-----	60	85	Conglomerate-----	90	235

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-311--Continued					
Shale and gravel-----	83	318	Gravel, boulders, and shale streaks-----	73	1,078
Conglomerate-----	30	348	Sand, gravel, and shells	100	1,178
Shale, blue-----	347	695	Gravel and boulders---	32	1,210
Shale and gravel-----	102	797	Gravel and malpais*---	17	1,227
Shale and shells-----	59	856	Rock, black-----	57	1,284
Shale, blue-----	149	1,005			

\* See footnote at end of table.

Well J-317

Owner: R. H. Brown. Driller: C. C. & H. Drilling Co.

Soil-----	3	3	Gravel (water)-----	6	124
Clay-----	47	50	Clay-----	11	135
Clay, sandy-----	10	60	Gravel (water)-----	10	145
Sand (water)-----	15	75	Clay-----	10	155
Clay-----	27	102	Gravel (water)-----	53	208
Sand (water)-----	4	106	Clay-----	7	215
Clay-----	12	118			

Well J-319

Owner: P. McKinney. Driller: Austin Jones.

Soil-----	5	5	Rock, hard-----	4	201
Caliche-----	30	35	Gravel (water)-----	6	207
Sand and gravel (water)	20	55	Clay-----	2	209
Clay-----	136	191	Gravel (water)-----	8	217
Gravel (water)-----	6	197	Clay-----	3	220

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well J-322--partial log

Owner: E. E. Crow. Driller: C. & H. Drilling Co.

Soil-----	6	6	Clay-----	22	120
Clay-----	19	25	Sand-----	20	140
Boulders and gravel----	10	35	Clay-----	35	175
Gravel-----	7	42	Sand-----	5	180
Clay, red, sticky-----	18	60	Clay-----	15	195
Clay-----	10	70	Sand-----	8	203
Sand-----	4	74	Clay-----	10	213
Clay-----	16	90	Total depth-----		360
Gravel, pea-----	8	98			

Well K-31

Owner: City of Pecos well 5. Driller: D. M. Bassett.

Caliche and gravel-----	30	30	Shale, red-----	2	127
Sand, yellow-----	10	40	Sand (water)-----	23	150
Shale, red-----	50	90	Shale, red, sticky----	5	155
Sand, red (water)-----	5	95	Sand, broken-----	8	163
Shale, red-----	2	97	Shale, red, sandy-----	7	170
Sand, red (water)-----	28	125			

Well K-32

Owner: City of Pecos. Driller: Tom Simmons.

Soil-----	10	10	Sandstone, red-----	5	45
Sandstone, red-----	20	30	Conglomerate-----	20	65
Conglomerate-----	10	40	Clay, yellow-----	5	70

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well K-32--Continued

Conglomerate-----	14	84	Sand, dry-----	13	160
Sand, honeycombed (water)-----	19	103	Sandstone, red, and clay-----	17	177
Clay, yellow-----	16	119	Sand, honeycombed (water)-----	6	183
Shale, red, sandy-----	17	136	Sandstone, red-----	4	187
Sand, red (water)-----	6	142			
Sand, light-----	5	147			

Well L-17

Owner: Worsham Bros. Driller: Earl Fisher.

Soil-----	10	10	Gypsum-----	37	752
Sand-----	35	45	Anhydrite and gypsum--	148	900
Shale and gravel-----	40	85	Lime-----	95	995
Red beds and red rock-	256	341	Anhydrite, gypsum, and shale-----	45	1,040
Gypsum and rock-----	41	382	Lime-----	94	1,134
Shale, red, sandrock, and gypsum-----	194	576	Shale, gypsum, and lime shells-----	91	1,225
Red beds and red rock-	139	715			

Well L-23

Owner: H. Anthony, Jr. Driller: E. Fisher.

Sand, gypsiferous, and sand-----	10	10	Sandstone, red, and thin beds of red clay	51	76
Sandstone, yellowish- red, medium-----	10	20	Sandstone, red, and fine conglomerate---	4	80
Sand, buff, fine-----	5	25			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well L-30

Owner: D. W. Bozeman. Driller: City of Pecos.

Soil and caliche-----	10	10	Shale, red-----	27	122
Gravel and shale-----	32	42	Sand, red-----	58	180
Shale and red sand----	53	95	Sand and shale-----	50	230

Well L-39

Owner: City of Pecos. Driller: City of Pecos.

Soil-----	5	5	Sand and shale-----	61	131
Caliche-----	10	15	Shale-----	22	153
Sand-----	21	36	Sand and shale-----	13	166
Shale-----	34	70	Shale, red-----	79	245

Well L-41

Owner: City of Pecos well 10. Driller: --Goforth.

Caliche-----	10	10	Shale, red (first water)	20	115
Caliche and gravel----	10	20	Shale, red, and sand--	20	135
Shale, yellow-----	75	95	Sand, red-----	117	252

Well L-43

Owner: City of Pecos well 16. Driller: R. T. Mullican.

Caliche, lime, and rock	15	15	Sandrock, red (water at 135 feet)-----	37	160
Clay, yellow-----	20	35	Sandrock-----	10	170
Gravel and sandrock, red-----	22	57	Sandrock, red-----	20	190
Sandrock, red, hard---	23	80	Sandrock, red, and red clay-----	60	250
Sandrock, red; 5 per- cent red clay-----	43	123			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well L-44

Owner: City of Pecos well 15. Driller: R. T. Mullican.

Topsoil-----	3	3	Rock, red, and clay---	23	115
Lime-----	13	16	Sandstone, red, hard--	20	135
Gravel and clay-----	28	44	Sandrock and clay, dark-red-----	12	147
Gravel, red, and clay-	13	57	Sandstone, red (water at 147 feet)-----	8	155
Gravel, red, rock, and clay-----	13	70	Sandrock, red-----	55	210
Sandrock, brown, hard-	22	92	Sandstone, red-----	40	250

Well L-46

Owner: City of Pecos well 13. Driller: C. & H. Drilling Co.

Soil-----	10	10	Rock, red-----	20	95
Gypsum-----	20	30	Sand, red-----	10	105
Rock, red-----	30	60	Rock, red, and clay---	40	145
Sand, red (water)-----	10	70	Sand, red-----	5	150
Clay, red-----	5	75	Clay, red-----	10	160

Well L-47

Owner: City of Pecos well 19. Driller: R. T. Mullican.

Topsoil-----	17	17	Gravel-----	13	130
Shale, red-----	28	45	Gravel (water)-----	20	150
Sandrock, red-----	31	76	Clay, red-----	11	161
Clay, red-----	12	88	Shale, red-----	47	208
Clay and gravel-----	29	117			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well L-48

Owner: City of Pecos well 17. Driller: C. & H. Drilling Co.

Soil-----	10	10	Sandrock-----	2	131
Rock, yellow-----	30	40	Sand-----	6	137
Rock, red-----	5	45	Clay-----	7	144
Sand-----	10	55	Rock, sandy-----	4	148
Rock, red, sandy (water at 75 feet)-----	41	96	Sand-----	8	156
Sand-----	7	103	Rock, red-----	6	162
Clay-----	7	110	Clay, red-----	6	168
Rock, sandy-----	5	115	Sandrock, red-----	5	173
Clay, red-----	14	129			

Well L-49

Owner: City of Pecos well 18. Driller: C. & H. Drilling Co.

Soil-----	7	7	Clay, red-----	3	121
Rock-----	10	17	Rock, red-----	6	127
Clay, red-----	4	21	Clay-----	5	132
Rock, red, sandy-----	50	71	Rock, red-----	2	134
Sand (water)-----	4	75	Clay-----	10	144
Clay-----	3	78	Rock, red, hard-----	16	160
Rock, sandy-----	4	82	Sand-----	5	165
Clay-----	8	90	Rock, red-----	2	167
Rock, red-----	5	95	Clay-----	3	170
Sand, red-----	13	108	Rock-----	3	173
Rock, red, sandy-----	10	118	Clay, red-----	7	180

Table 8.--Drillers' logs of wells in Reeves County--Continued

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

Owner: City of Pecos well 20. Driller: C. & H. Drilling Co.

Soil-----	3	3	Clay, red-----	19	105
Caliche-----	5	8	Sand (water)-----	20	125
Clay, sandy-----	32	40	Rock, red-----	3	128
Sand, red-----	7	47	Clay, broken-----	15	143
Rock-----	3	50	Rock, hard-----	6	149
Clay, sandy-----	5	55	Sand-----	4	153
Rock, red-----	14	69	Rock, broken-----	2	155
Sand (water)-----	11	80	Sand-----	4	159
Sandrock-----	6	86	Clay-----	1	160

Well L-52

Owner: City of Pecos well 12. Driller: C. & H. Drilling Co.

Soil-----	12	12	Sand, red-----	10	100
Clay, yellow-----	18	30	Sandrock-----	40	140
Rock-----	15	45	Clay, red-----	5	145
Sand (water)-----	15	60	Rock, sandy-----	10	155
Red beds-----	10	70	No record-----	5	160
Sandrock, red-----	20	90			

Well L-53

Owner: City of Pecos well 14. Driller: C. & H. Drilling Co.

Soil-----	5	5	Clay and lime-----	15	40
Caliche-----	10	15	Clay, yellow-----	5	45
Lime, yellow-----	10	25	Rock-----	30	75

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Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
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Well L-53--Continued

Rock, red-----	15	90	Rock, red, sandy-----	35	155
Sand, red (water)-----	12	102	Rock, red, broken-----	2	157
Clay, red-----	4	106	Red beds-----	8	165
Rock, sandy-----	6	112	Rock, red-----	10	175
Clay and sand-----	8	120	Clay, red-----	1	176

Well L-54

Owner: City of Pecos well 11. Driller: --

Caliche-----	4	4	Sand (water)-----	25	120
Rock, red-----	66	70	Clay and red rock-----	20	140
Shale (little water)--	20	90	Sand (water)-----	5	145
Rock, red-----	5	95	Rock, red-----	5	150

Well L-55

Owner: City of Pecos well 7. Driller: --

Caliche-----	15	15	Sand, hard-----	47	191
Sandrock, hard-----	106	121	Shale, hard-----	23	214
Shale, hard, sandy----	23	144			

Well L-56

Owner: City of Pecos well 6. Driller: Wilhite & McDonald.

Soil and caliche-----	27	27	Mud, red, and shale---	8	148
Sandstone, red-----	68	95	Sand, fine (water)----	12	160
Sand, fine (water)----	10	105	Mud, red, and shale---	20	180
Mud, red, and shale---	23	128	Sand, coarse (water)--	12	192
Gravel, pea (water)---	7	135	Mud, red, and shale---	8	200
Sandstone, red-----	5	140			

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well L-57

Owner: City of Pecos well 4. Driller: D. M. Basset.

Soil-----	3	3	Sand, gray (water)----	10	95
Caliche-----	25	28	Shale, sandy-----	35	130
Shale, red-----	44	72	Shale, red-----	61	191
Shale, red, sandy----	13	85			

Well L-58

Owner: City of Pecos well 3. Driller: Tom Simmons.

Topsoil and caliche---	30	30	Sandstone, red (water)	9	178
Sandstone, red, and yellow clay-----	6	36	Clay, red-----	26	204
Rock, brown, and clay-	44	80	Sand and black gravel (water)-----	6	210
Sandstone, red-----	10	90	Clay, red-----	4	214
Sandstone, red, and gravel-----	20	110	Sandstone, red, and gravel (water)-----	5	219
Sandstone, red-----	8	118	Sandstone, red-----	11	230
Clay, red-----	1	119	Clay, red-----	2	232
Sandstone, red (water)	29	148	Sandstone, red-----	13	245
Clay, red-----	8	156	Clay, red-----	2	247
Sandstone, red, very hard-----	10	166	Sandstone, red-----	28	275
Clay, red-----	3	169	Clay, red-----	25	300

Well L-59

Owner: City of Pecos well 2. Driller: Tom Simmons.

Topsoil, sand, and caliche-----	24	24	Sandstone, brown, and clay-----	6	30
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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well L-59--Continued

Sandstone, white, hard-	23	53	Sandstone, red (water)	44	154
Clay, yellow-----	27	80	Shale, red-----	11	165
Sand, red (water)-----	13	93	Sandstone, red (water)	26	191
Sand, yellow-----	14	107	Sand, red, and clay---	20	211
Clay, yellow, and rock-	3	110			

Well M-17

Owner: S. E. Ligon. Driller: S. E. Ligon.

Topsoil-----	5	5	Sand and gravel (water)	3	40
Caliche-----	30	35	Red beds-----	140	180
Sand-----	2	37			

Well N-6--partial log

Owner: Frank B. Kistler. Driller: The Texas Co.

Soil and caliche-----	18	18	Quicksand-----	25	625
Gravel, boulders, and clay (water)-----	30	48	Sand (flowing water)--	175	800
Limestone and yellow clay-----	48	96	Shale-----	10	810
Gravel (water)-----	29	125	Sandstone-----	20	830
Limestone and some shale-----	375	500	Limestone-----	30	860
Gumbo, shale, and lime- stone-----	60	560	Gumbo, yellow, and clay	55	915
Sand and gravel (flow- ing fresh water)-----	20	580	Rock, red-----	40	955
Limestone-----	20	600	Shale, blue-----	24	979
			Gypsum-----	46	1,025
			Shale-----	40	1,065

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well N-6--Continued					
Sand (water)-----	35	1,100	Limestone-----	190	1,385
Limestone, hard-----	85	1,185	Total depth-----		2,960
Shale, blue-----	10	1,195			

Well N-10

Owner: J. R. O'Connor. Driller: Clyde Simmons.

Caliche-----	18	18	Shale-----	15	75
Limestone, blue, shaly	7	25	Limestone-----	5	80
Shale, sandy-----	25	50	Limestone, sandy-----	5	85
Limestone-----	10	60	Limestone-----	3	88

Well P-1

Owner: W. M. Wright. Driller: Rita Oil Co.

Caliche-----	25	25	Shale-----	55	430
Sand and gravel, yellow	25	50	Limestone-----	30	460
Shale, brown-----	20	70	Shale-----	100	560
Clay, red-----	10	80	Limestone, light gray-	75	635
Shale, gray-----	60	140	Limestone and shale, gray-----	95	730
Shale, brown-----	15	155	Shale, gray, calcareous	15	745
Sand, calcareous-----	15	170	Limestone and shale---	180	925
Sand (water)-----	10	180	Sand, quartz, medium--	25	950
Sand, yellow-----	30	210	Quicksand (flowing sulfur water at 975- 1,075 feet)-----	100	1,050
Clay, red-----	20	230	Sand, white-----	70	1,120
Shale, brown-----	50	280			
Sand, gray (some water)	95	375			

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well P-1--Continued					
Sand and gravel (water)	70	1,190	Anhydrite and limestone	140	1,740
Gypsum and fine gray sand-----	80	1,270	Shale-----	10	1,750
Rock, red-----	10	1,280	Anhydrite-----	13	1,763
Shale and gray dolomite	15	1,295	Shale, brown and blue-	127	1,890
Clay, bluish-gray, cal- careous, gypsiferous	15	1,310	Anhydrite-----	10	1,900
Dolomite, gray, argillaceous-----	15	1,325	Rock, red-----	25	1,925
Silt, gray, calcareous	30	1,355	Anhydrite-----	705	2,630
Shale-----	90	1,445	Limestone-----	110	2,740
Clay, gray, and quartz sand (increase in water)-----	45	1,490	Anhydrite-----	550	3,290
Shale and gypsum-----	40	1,530	Sand (hole full of sulfur water)-----	30	3,320
Anhydrite-----	10	1,540	Limestone and marl----	35	3,355
Limestone and anhydrite, dolomitic-----	60	1,600	Limestone, brown (hole full of sulfur water at 3,525-3,608 feet)	412	3,767

Well P-6

Owner: R. V. Trotha. Driller: Grisham & Hunter Oil Co.

Gravel and shale-----	60	60	Limestone-----	10	600
Limestone and shale---	70	130	Sand (flowing sulfur water)-----	8	608
Shale, gray and green-	120	250	Limestone and anhydrite	77	685
Shale, limestone, and gypsum-----	275	525	Sand (flowing sulfur water)-----	35	720
Limestone-----	55	580	Limestone, shale, and sand-----	70	790
Sand (flowing sulfur water)-----	10	590			

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Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well P-6--Continued

Shale, red, and shells-	275	1,065	Limestone and anhydrite	645	2,510
Shale, red, and lime- stone-----	40	1,105	Shale, gray, anhydrite, and limestone-----	925	3,435
Shale, red-----	115	1,220	Anhydrite and limestone	420	3,855
Anhydrite and shale----	135	1,355	Limestone, black-----	60	3,915
Dolomite and anhydrite	510	1,865	Sandstone-----	150	4,065

Well P-32--partial log

Owner: Joe Dorado. Driller: Ray Austin.

Caliche, sand, and shale-----	42	42	Shale, blue-----	28	70
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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well P-32--Continued					
Anhydrite-----	2	72	Shale, gray-----	30	570
Shale, anhydrite, and sand-----	12	84	Gravel, sandy, and lime	35	605
Shale, blue-----	31	115	Lime-----	5	610
Shale, gray and brown-	110	225	Lime, black, sandy----	5	615
Anhydrite, lime, and shale-----	15	240	Coal and shale-----	5	620
Lime-----	7	247	Shale and lime-----	8	628
Shale and anhydrite with lime streaks---	38	285	Lime-----	18	660
Shale, gray-----	15	300	Shale and gravel-----	15	675
Anhydrite, gypsiferous	6	306	Sand-----	20	695
Shale, gray, with anhydrite streaks---	79	385	Lime, honeycombed-----	12	707
Shale, blue-----	10	395	Lime, hard-----	8	715
Shale, blue, sandy----	7	402	Lime and sand-----	5	720
Shale, blue-----	18	420	Lime-----	32	752
Shale and lime streaks	18	438	Lime, black, hard-----	12	764
Lime, gray and black--	27	465	Sand, broken, shale, limestone, and gravel	48	812
Lime and shale-----	20	485	Shale-----	28	840
Lime and anhydrite----	20	505	Total depth-----		1,040
Sand and gravel with lime streaks-----	35	540			

Well P-38

Owner: Coy Fraley. Driller: Earl Fisher.

Surface and clay-----	7	7	Boulders-----	56	63
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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well P-38--Continued					
Shale and gravel-----	36	99	Boulders and shale streaks-----	197	657
Boulders-----	33	132	Shale, blue-----	75	732
Clay and gravel-----	72	204	Boulders-----	38	770
Shale, brown-----	39	243	Shale, blue, and boulders-----	65	835
Boulders-----	29	272	Shale, brown-----	35	870
Shale, brown-----	5	277	Boulders-----	16	886
Boulders and gravel---	32	309	Boulders and shale streaks-----	119	1,005
Shale and gravel streaks-----	131	440	Shale, blue-----	5	1,010
Boulders, green-----	20	460			

Well P-58

Owner: Jerry Jenkins. Driller: Earl Fisher.

Surface-----	11	11	Shale-----	174	880
Boulders-----	38	49	Gravel and shale-----	50	930
Boulders and gravel---	61	110	Shale-----	41	971
Shale and boulders----	40	150	Dolomite and conglom- erate-----	34	1,005
Boulders and gravel---	225	375	Gypsum and lime-----	35	1,040
Boulders-----	22	397	Gypsum and shale-----	25	1,065
Boulders and gravel---	93	490	Shale, blue-----	23	1,088
Boulders-----	41	531	Shale and gypsum-----	8	1,096
Boulders and gravel---	24	555	Shale, blue-----	164	1,260
Clay and shells-----	95	650	Lime, broken, and gypsum-----	10	1,270
Boulders and clay-----	13	663			
Boulders and gravel---	43	706			

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well P-58--Continued

Lime, broken, gypsum, and shale-----	20	1,290	Lime-----	88	1,410
Lime and shale-----	10	1,300	Shale-----	10	1,420
Shale, blue-----	22	1,322			

Well P-59

Owner: J. B. Hopkins. Driller: Earl Fisher.

Soil-----	6	6	Shale-----	16	316
Gravel and sand-----	14	20	Gravel-----	46	362
Rock-----	95	115	Boulders-----	258	620
Gravel-----	10	125	Shale-----	15	635
Shale-----	25	150	Boulders-----	20	655
Boulders and shale streaks-----	88	238	Boulders and blue shale	26	681
Shale and gravel-----	18	256	Shale-----	48	729
Gravel-----	44	300	Shale, blue, and boulders-----	72	801

Well P-60

Owner: J. B. Hopkins. Driller: Earl Fisher.

Soil-----	5	5	Boulders-----	31	444
Gravel-----	8	13	Boulders and shale---	33	477
Gravel and boulders---	79	92	Boulders and gravel---	100	577
Boulders and shale---	154	246	Gravel and shale-----	100	677
Boulders-----	124	370	Shale, blue-----	91	768
Boulders and gravel---	43	413	Shale, yellow and blue	37	805

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well F-63

Owner: Loy Kilgore. Driller: Martin & Sullivan and Earl Fisher.

No record	587	Boulders	49
Shale	20	Boulders and shale	76
Boulders	8	Boulders	47
Shale	10	Shale, blue	26

Well Q-1

Owner: Ivey Bros. Driller: Lowery Walker.

Surface	7	Shale and sand streaks	112
Gravel and sand	20	Shale, blue, and gravel	64
Gravel	38	Shale, blue	30
Clay and gravel streaks	110	Shale and gravel	16
Gravel	45	Gravel	90
Sand and gravel	13	Gravel and shale streaks	52
Gravel	17	Shale	21
Clay	28	Gravel	37
Gravel	18	Gravel and clay	27
Gravel and clay streaks	18	Clay	27
Gravel	166	Shale	9
Clay	16	Gravel, sandy	12
Shale, blue	84	Shale	7
Shale, blue, and gravel streaks	98		

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-2					
Owner: Ivey Bros. Driller: Lowery Walker.					
Surface-----	5	5	Boulders and sandy gravel-----	12	342
Rock and sand-----	7	12	Shale, yellow-----	9	351
Sand and gravel-----	46	58	Gravel, small, and sand	19	370
Clay and gravel-----	31	89	Shale, yellow-----	6	376
Sand, gravel, and small boulders-----	31	120	Clay, sandy, sand, and gravel-----	34	410
Clay-----	36	156	Shale, blue-----	11	421
Clay, sand, and gravel streaks-----	24	180	Clay, sandy, and gravel	103	524
Clay, sandy-----	46	226	Sand and gravel-----	18	542
Boulders, sand, and gravel-----	92	318	Clay, yellow-----	22	564
Sand and gravel-----	12	330	Shale, blue-----	36	600

## Well Q-8

Owner: B. H. Merjil. Driller: Earl Fisher.

Surface-----	11	11	Boulders, green and red	18	431
Shale-----	19	30	Shale and boulders----	199	630
Sand and gravel-----	35	65	Gravel, sand, and shale	45	675
Shale-----	33	98	Shale, blue-----	124	799
Gravel and shale-----	82	180	Shale, blue, and shells	338	1,137
Conglomerate-----	91	271	Shale-----	18	1,155
Conglomerate and shale	119	390	Gravel-----	10	1,165
Shale-----	10	400	Shale-----	15	1,180
Conglomerate-----	13	413	Rock-----	9	1,189

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well Q-8--Continued

Shale, blue, and shells-----	34	1,223	Rock, gravel, and gummy shale-----	70	1,293
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Well Q-12

Owner: Cruz R. Acosta. Driller: Earl Fisher.

No record-----	358	358	Gravel-----	60	600
Sand and gravel-----	9	367	Shale-----	15	615
Shale-----	140	507	Shale and gravel-----	135	750
Shale and gravel-----	25	532	Shale, blue, and boulders-----	25	775
Shale-----	8	540	Shale, blue-----	29	804

Well Q-17

Owner: Kesey Bros. Driller: Earl Fisher.

Soil and shale-----	98	98	Conglomerate and shale	20	491
Conglomerate and gravel	17	115	Shale and gypsum-----	79	570
Shale and gravel-----	45	160	Shale-----	100	670
Conglomerate-----	60	220	Boulders and gypsum---	30	700
Conglomerate and shale	30	250	Conglomerate-----	15	715
Shale-----	65	315	Shale-----	15	730
Conglomerate-----	40	355	Shale, blue-----	10	740
Shale-----	10	365	Gravel-----	36	776
Conglomerate and shale	40	405	Shale and shells-----	91	867
Conglomerate-----	20	425	Shale, blue-----	29	896
Gypsum-----	32	457	Boulders-----	20	916
Shale and gypsum-----	14	471	Shale, blue-----	62	978

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well Q-17--Continued

Shale, blue, and gravel streaks-----	17	995	Boulders, black and green-----	17	1,215
Shale and shells-----	140	1,135	Gravel, sand, and boul- ders-----	35	1,250
Shale, blue-----	63	1,198	Shale-----	19	1,269

Well Q-20

Owner: J. B. Hopkins. Driller: Earl Fisher.

No record-----	332	332	Shale-----	5	477
Clay-----	5	337	Gravel-----	4	481
Gravel-----	8	345	Shale, red and blue---	15	496
Clay-----	3	348	Shale, blue-----	3	499
Gravel and sand-----	8	356	Gravel-----	6	505
Clay-----	18	374	Shale, blue-----	3	508
Gravel-----	28	402	Mud, yellow-----	9	517
Gravel and clay breaks	23	425	Gravel-----	8	525
Gravel, hard-----	5	430	Mud, yellow-----	5	530
Clay-----	4	434	Shale-----	8	538
Sand-----	11	445	Sand and shale-----	5	543
Shale-----	7	452	Gravel-----	22	565
Gravel-----	20	472	Shale-----	11	576

Well Q-23

Owner: Austin & King. Driller: Earl Fisher.

Surface-----	5	5	Gravel-----	8	30
Shale-----	17	22	Shale-----	73	103

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-23--Continued					
Sand and gravel-----	23	126	Boulders and shale----	50	821
Shale-----	159	285	Shale, blue-----	19	840
Gravel-----	45	330	Shale and boulders----	75	915
Shale-----	21	351	Gravel-----	63	978
Gravel and boulders---	229	580	Shale, blue-----	27	1,005
Boulders, gypsum, and shale-----	191	771			

Well Q-33

Owner: Paul Davidson. Driller: Earl Fisher.

Surface soil and sand-	75	75	Conglomerate-----	120	705
Gravel and shale-----	30	105	Rock and shale-----	24	729
Gravel and sand-----	22	127	Shale, yellow, and gravel-----	31	760
Sand and shale-----	13	140	Shale, yellow, and gypsum-----	50	810
Shale, yellow-----	23	163	Shale-----	15	825
Shale, yellow, and sand	95	258	Gravel-----	30	855
Boulders-----	10	268	Conglomerate and shale	95	950
Shale-----	32	300	Shale-----	15	965
Conglomerate-----	55	355	Shale and gravel streaks	35	1,000
Shale-----	25	380	Gravel-----	25	1,025
Shale and gravel streaks	35	415	Shale and gravel-----	30	1,055
Gravel-----	20	435	Shale-----	114	1,169
Gravel and shale-----	80	515			
Gravel-----	40	555			
Shale and gravel-----	30	585			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well Q-36

Owner: Pecos Farms, Inc. Driller: Lowery Walker.

Surface-----	3	3	Sand and gravel-----	29	888
Clay-----	46	49	Gravel and clay-----	102	990
Sand and gravel-----	43	92	Clay and small sand streaks-----	21	1,011
Sand and clay-----	96	188	Clay and sand-----	5	1,016
Gravel-----	32	220	Clay-----	9	1,025
Clay and gravel-----	38	258	Gravel, sand, and shale	45	1,070
Clay-----	87	345	Shale-----	6	1,076
Lime and gravel-----	25	370	Volcanic ash and rock-	60	1,136
Clay-----	320	672	Sand and shale streaks	10	1,146
Lime and gravel-----	12	684	Clay-----	4	1,150
Clay and gravel streaks	108	792			
Clay and sand streaks-	67	859			

Well Q-37

Owner: Hubert Nunn. Driller: Earl Fisher.

Clay-----	40	40	Shale-----	88	648
Gravel and sand-----	55	95	Gravel and sand-----	10	658
Clay-----	105	200	Shale and lime streaks	22	680
Gravel and sand-----	30	230	Gravel and sand-----	30	710
Clay-----	150	380	Shale and gravel-----	95	805
Gravel and sand-----	32	412	Sand and gravel-----	35	840
Clay-----	11	423	Shale and black gravel	75	915
Sand and gravel-----	62	485	Gravel, black-----	230	1,145
Clay-----	48	533	Gravel-----	5	1,150
Gravel and sand-----	27	560			

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well Q-47

Owner: Paul Durckel. Driller: Earl Fisher.

Soil-----	5	5	Gravel-----	18	552
Shale-----	13	18	Shale, blue, and gypsum	33	585
Sand and gravel-----	10	28	Shale-----	25	610
Shale-----	67	95	Sand and gravel-----	15	625
Shale and gypsum-----	17	112	Shale-----	75	700
Shale-----	43	155	Shale and gravel-----	10	710
Shale, blue-----	20	175	Shale-----	10	720
Shale-----	119	294	Shale and gravel streaks	270	990
Gravel and shale-----	36	330	Gravel, black-----	20	1,010
Shale-----	175	505	Shale-----	190	1,200
Shale and gravel-----	17	522	Red beds-----	30	1,230
Shale-----	12	534			

Well Q-48

Owner: Paul Durckel. Driller: Earl Fisher.

Soil-----	6	6	Shale-----	80	640
Shale-----	91	97	Gravel and shale-----	90	730
Sand and gravel-----	13	110	Shale-----	40	770
Shale-----	102	212	Gravel-----	20	790
Gravel-----	23	235	Shale-----	168	958
Shale and gravel-----	45	280	Shale and gravel streaks	22	980
Shale, blue-----	25	305	Shale-----	30	1,010
Shale-----	215	520	Shale and gravel-----	195	1,205
Gravel and shale-----	40	560	Red beds-----	10	1,215

Table 8.--Drillers' logs of wells in Reeves County--Continued

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

Owner: L. D. McNeil. Driller: Earl Fisher.

Topsoil-----	36	36	Gravel-----	45	910
Shale and caliche-----	174	210	Gravel and yellow shale	25	935
Shale and gravel streaks	66	276	Shale, blue and yellow	95	1,030
Sand, gravel, and shale	211	487	Shale, blue-----	38	1,068
Shale-----	113	600	Shale, blue, and boulders-----	10	1,078
Gravel-----	20	620	Shale, blue-----	5	1,083
Shale and gravel-----	140	760	Shale and gravel streaks	17	1,100
Shale, yellow, and gravel-----	70	830	Shale, blue-----	10	1,110
Shale, blue and yellow	30	860	Shale and gravel-----	45	1,155
Shale, yellow, and streaks of gravel---	5	865	Shale, blue-----	15	1,170

Well Q-51

Owner: L. D. McNeil. Driller: Earl Fisher.

No record-----	509	509	Gravel and green boulders-----	29	903
Wash-----	26	535	Boulders and gravel---	37	940
Shale-----	165	700	Shale-----	60	1,000
Gravel and shale-----	60	760	Gravel, sand, and shale	160	1,160
Gravel-----	14	774	Sand and gravel-----	97	1,257
Shale-----	100	874	Shale-----	8	1,265

Well Q-52

Owner: J. B. Hopkins. Driller: Earl Fisher.

Soil-----	6	6	Shale-----	55	61
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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well Q-52--Continued

Shale, yellow-----	79	140	Shale-----	67	385
Gravel-----	5	145	Conglomerate-----	29	414
Shale-----	70	215	Shale and boulders----	24	438
Shale and gypsum-----	45	260	Conglomerate-----	49	487
Gravel-----	13	273	Shale-----	13	500
Shale-----	17	290	Shale and boulders----	58	558
Gravel-----	15	305	Conglomerate-----	49	607
Conglomerate-----	13	318	Shale and boulders----	41	648

Well Q-54

Owner: L. D. McNeil. Driller: Earl Fisher.

No record-----	306	306	Gravel and boulders---	30	841
Shale-----	74	380	Conglomerate and shale	54	895
Gravel-----	133	513	Shale and boulders----	60	955
Shale-----	57	570	Shale, blue-----	60	1,015
Conglomerate-----	83	653	Gravel, boulders, and sand-----	90	1,105
Shale-----	82	735	Shale and boulders----	110	1,215
Gravel and shale-----	57	792			
Gravel and green boulders-----	19	811			

Well Q-58

Owner: W. J. Worsham. Driller: --Guffey.

No record-----	628	628	Shale-----	40	672
Caverns-----	4	632	Conglomerate and shale streaks-----	38	710

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well Q-58--Continued

Shale and boulders----	50	760	Shale-----	54	904
Conglomerate-----	20	780	Shale, blue-----	228	1,132
Shale-----	13	793	Gravel, broken, boulders, and shale streaks-----	82	1,214
Shale and boulders----	35	828	Boulders, sand, and shale streaks-----	89	1,303
Shale, blue-----	22	850			

Well Q-59

Owner: W. J. Worsham. Driller: Earl Fisher.

No record-----	209	209	Gravel and sand-----	42	690
Wash hole-----	193	402	Gravel-----	6	696
Shale-----	10	412	Shale, blue-----	416	1,112
Sand and gravel-----	15	427	Sand and gravel-----	13	1,125
Shale and boulders----	66	493	Shale, blue, and boulders-----	170	1,295
Gravel-----	72	565	Gravel and boulders---	27	1,322
Shale and boulders----	35	600	Shale, red, and boulders-----	20	1,342
Gravel and sand-----	28	628			
Shale-----	20	648			

Well Q-67

Owner: W. J. Worsham. Driller: Earl Fisher.

Soil-----	10	10	Shale-----	19	219
Sand and gravel-----	50	60	Conglomerate and shale	41	260
Shale-----	67	127	Conglomerate-----	50	310
Conglomerate-----	73	200	Shale-----	20	330

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-67--Continued					
Conglomerate-----	50	380	Shale and boulders----	17	1,232
Conglomerate and shale	60	440	Gravel-----	10	1,242
Shale and boulders----	199	639	Shale and shells-----	23	1,265
Shale-----	21	660	Shale-----	5	1,270
Shale, yellow-----	30	690	Gravel, black, and sand	70	1,340
Shale, blue-----	192	882	Shale breaks-----	10	1,350
Shale-----	218	1,100	Shale and black gravel	20	1,370
Gravel, black, and boulders-----	27	1,127	Shale-----	10	1,380
Shale-----	88	1,215	Red beds-----	80	1,460

Well Q-68

Owner: W. J. Worsham. Driller: Earl Fisher.

Topsoil-----	15	15	Shale, yellow-----	19	364
Gravel and clay-----	15	30	Conglomerate-----	12	376
Clay-----	20	50	Shale and gypsum-----	19	395
Gravel and shale-----	25	75	Conglomerate-----	60	455
Gravel-----	30	105	Shale, yellow-----	15	470
Shale-----	10	115	Shale, yellow and blue	10	480
Conglomerate-----	90	205	Gravel and gypsum-----	15	495
Shale-----	8	213	Shale-----	10	505
Shale and gravel-----	32	245	Shale and conglomerate	55	560
Sand and gravel-----	67	312	Shale, blue-----	52	612
Shale-----	13	325	Conglomerate-----	13	625
Gravel-----	20	345	Shale-----	33	658

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-68--Continued					
Conglomerate-----	25	683	Shale, blue-----	58	1,020
Shale-----	5	688	Shale, blue, and boulders-----	60	1,080
Shale, blue-----	82	770	Gravel, black-----	10	1,090
Gravel and sand-----	15	785	Shale-----	37	1,127
Shale, blue-----	160	945	Gravel, black-----	27	1,154
Gravel, black, and sand	10	955	Shale, blue-----	16	1,170
Shale-----	7	962			

Well Q-85

Owner: Earl Fisher. Driller: Earl Fisher.

Topsoil, sand, and clay	40	40	Shale, yellow-----	25	630
Gravel-----	20	60	Gravel-----	20	650
Shale and gravel-----	175	235	Shale and gravel-----	55	705
Gravel-----	50	285	Shale-----	35	740
Shale and gravel-----	40	325	Conglomerate-----	55	795
Gravel-----	30	355	Boulders-----	20	815
Shale, blue, and gravel	30	385	Shale, yellow, and boulders-----	10	825
Gravel-----	80	465	Shale, blue, and boulders-----	32	857
Shale-----	30	495	Shale and boulders----	93	950
Shale and gravel-----	30	525	Shale-----	24	974
Conglomerate-----	42	567	Shale, blue-----	42	1,016
Shale-----	13	580			
Gravel and shale-----	25	605			

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well Q-87

Owner: Randell Butler. Driller: Earl Fisher.

Soil-----	10	10	Shale, yellow, and boulders-----	40	835
Shale, sandy-----	27	37	Shale, blue-----	30	865
Shale, yellow-----	208	245	Shale and boulders----	75	940
Conglomerate-----	89	334	Shale, blue-----	55	995
Shale, red-----	64	398	Shale, red and blue, hard-----	40	1,035
Conglomerate-----	38	436	Shale, blue-----	242	1,277
Shale and gravel-----	14	450	Gravel and sand, black	63	1,340
Shale-----	35	485	Shale and gravel-----	15	1,355
Conglomerate-----	35	520	Boulders-----	43	1,398
Shale and gravel streaks	155	675	Shale and boulders----	7	1,405
Shale-----	38	713	Shale, hard-----	4	1,409
Shale and boulders----	22	735			
Gravel-----	26	761			
Shale-----	34	795			

Well Q-88

Owner: Randell Butler. Driller: Earl Fisher.

Soil-----	6	6	Shale and gravel-----	34	327
Shale, sandy-----	9	15	Gravel-----	14	341
Shale-----	55	70	Conglomerate-----	8	349
Gravel-----	25	95	Shale-----	10	359
Shale, sand, and gravel	77	172	Conglomerate-----	111	470
Shale-----	103	275	Shale and gravel-----	80	550
Gravel-----	18	293			

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-88--Continued					
Conglomerate and shale breaks-----	137	687	Shale, blue-----	390	1,300
Conglomerate and shale	68	755	Shale, gravel, and sand	90	1,390
Shale and boulders----	155	910	Shale, red, and boulders	16	1,406

Well Q-89

Owner: Earl Fisher. Driller: Earl Fisher.

No record-----	358	358	Shale, yellow-----	4	763
Gravel-----	12	370	Shale, blue-----	17	780
Shale, blue-----	55	425	Gravel and shale-----	15	795
Gravel-----	35	460	Shale, yellow, and gravel-----	5	800
Gravel and blue shale-	30	490	Gravel-----	25	825
Shale, yellow-----	47	537	Shale and rock-----	60	885
Conglomerate-----	48	585	Gravel-----	30	915
Shale-----	75	660	Gravel and shale-----	38	953
Conglomerate-----	75	735	Shale-----	47	1,000
Shale-----	24	759			

Well Q-90

Owner: Earl Fisher. Driller: Earl Fisher.

Surface soil and clay-	25	25	Shale-----	11	255
Gravel-----	30	55	Gravel-----	30	285
Gravel and shale-----	10	65	Shale-----	40	325
Shale, yellow-----	35	100	Gravel-----	25	350
Shale and gravel streaks	144	244	Shale, yellow, and gravel streaks-----	40	390

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-90--Continued					
Shale, yellow and blue	20	410	Conglomerate-----	30	680
Shale, blue-----	70	480	Conglomerate, boulders, and shale-----	43	723
Conglomerate-----	20	500	Shale and boulders----	111	834
Shale-----	25	525	Boulders and conglo- merate-----	21	855
Conglomerate-----	37	562	Shale, blue, and boulders-----	85	940
Shale and boulders----	30	592	Shale-----	32	972
Gravel-----	28	620	Gravel-----	23	995
Gravel and shale-----	20	640			
Shale-----	10	650			

Well Q-91

Owner: B. B. Young. Driller: Earl Fisher.

Soil-----	6	6	Shale, blue-----	85	430
Shale-----	34	40	Gravel-----	43	473
Gravel-----	7	47	Shale, red-----	30	503
Shale-----	60	107	Shale-----	57	560
Gravel, broken-----	18	125	Gravel-----	25	585
Shale-----	55	180	Shale and conglomerate	200	785
Conglomerate-----	34	214	Shale, blue and boulders-----	20	805
Gravel-----	26	240	Gravel and boulders---	25	830
Conglomerate-----	18	258	Shale and boulders----	15	845
Shale-----	31	289	Conglomerate and shale	47	892
Conglomerate-----	19	308	Gravel, sand, and shale-----	31	923
Shale-----	37	345			

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well Q-91--Continued

Conglomerate-----	21	944	Conglomerate-----	30	984
Shale-----	10	954	Shale-----	24	1,008

Well Q-93

Owner: Weldon Armstrong. Driller: Earl Fisher.

No record-----	358	358	Gravel-----	60	600
Sand and gravel-----	9	367	Shale-----	15	615
Shale-----	140	507	Shale and gravel-----	135	750
Shale and gravel-----	25	532	Shale, blue, and boulders-----	25	775
Shale-----	8	540	Shale, blue-----	29	804

Well Q-105--partial log

Owner: Billie Prewit. Driller: Earl Fisher.

Silt, buff, gypsiferous	2	2	Silt, buff, gypsiferous	17	62
Gypsum (seeps of water at 14 feet)-----	34	36	Clay, yellow-----	8	70
Gravel-----	1	37	Sand, medium (water)--	1	71
Sand, fine-----	8	45	Total depth-----		300

Well Q-112

Owner: Gail Jones. Driller: J. H. Hardaway.

Soil-----	5	5	Clay-----	20	51
Caliche-----	10	15	Sand and small gravel (water)-----	17	68
Clay-----	15	30	Clay, white-----	5	73
Sand and gravel (water)	1	31			

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-112--Continued					
Gravel (water)-----	7	80	Sand and gravel (water)	22	125
Sand and gravel (water)	20	100	Gravel (water)-----	22	147
Clay-----	3	103	Clay-----	3	150

Well Q-114

Owner: L. L. Pate. Driller: John Wendt.

Silt and gypsite-----	36	36	Gravel (water)-----	45	190
Gravel (water)-----	35	71	Clay-----	5	195
Clay-----	74	145			

Well Q-119

Owner: R. E. Talley. Driller: Lowery Walker.

Clay-----	70	70	Gravel-----	19	595
Gravel-----	50	120	Shale-----	55	650
Clay and gravel streaks	65	185	Gravel and shale-----	190	840
Shale, blue-----	90	275	Lime-----	20	860
Clay-----	79	354	Shale-----	25	885
Clay, sand, and gravel streaks-----	56	410	Gravel and sand-----	100	985
Gravel-----	25	435	Shale-----	2	987
Shale and gravel-----	65	500	No record-----	3	990
Gravel and sand-----	76	576			

Well Q-123

Owner: A. E. Babcock. Driller: Lowery Walker.

Clay-----	34	34	Gravel-----	16	50
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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-123--Continued					
Clay-----	20	70	Clay-----	27	456
Clay and gravel-----	40	110	Gravel and sand-----	22	478
Clay, gray-----	120	230	Clay, blue and gray---	186	664
Clay, sandy, and gravel	82	312	Clay, sandy-----	63	727
Gravel, lime, and sand-	40	352	Gravel and sand-----	33	760
Clay and gravel-----	28	380	Sand, hard-----	15	775
Clay, blue-----	17	397	Clay-----	25	800
Clay, lime, and sand--	32	429			

Well Q-124

Owner: A. E. Babcock. Driller: Earl Fisher.

Soil-----	5	5	Shale-----	12	462
Shale-----	10	15	Conglomerate-----	46	508
Shale, gravel, and sand	155	170	Shale, blue-----	222	730
Shale, blue-----	56	226	Sandrock-----	8	738
Sandstone and gypsum--	12	238	Shale, red, and gypsum	52	790
Gypsum-----	32	270	Gravel and boulders---	10	800
Shale and gravel streaks	57	327	Shale-----	55	855
Conglomerate-----	73	400	Shale and boulders----	80	935
Shale, yellow-----	10	410	Shale, blue-----	154	1,089
Shale, blue-----	25	435	Gravel-----	20	1,109
Shale, yellow-----	5	440	Shale, blue-----	10	1,119
Gravel-----	10	450			

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well Q-125

Owner: Bailey Guess. Driller: Lowery Walker.

Surface-----	15	15	Clay and gravel streaks	50	500
Clay-----	35	50	Shale, blue-----	22	522
Clay and gravel-----	155	205	Shale and gravel streaks	502	1,024
Clay, sandy, and gravel streaks-----	80	285	Shale, brown-----	201	1,225
Sand and gravel-----	165	450	Shale and volcanic rock	175	1,400

Well Q-126

Owner: Marvie Shortes. Driller: Earl Fisher.

Soil-----	6	6	Gravel and boulders---	23	525
Shale-----	45	51	Shale and boulders----	145	670
Boulders and sand-----	19	70	Shale and gypsum-----	70	740
Gravel, sand, and shale	60	130	Shale and boulders----	105	845
Shale-----	130	260	Shale, blue-----	60	905
Shale and boulders----	116	376	Boulders and gravel---	20	925
Shale and gravel streaks	74	450	Shale, blue-----	130	1,055
Shale, blue-----	52	502			

Well Q-128

Owner: Trans-Pecos Experiment Station. Driller: Earl Fisher.

Surface-----	4	4	Clay, sandy-----	39	317
Clay-----	51	55	Shale-----	55	372
Gravel-----	8	63	Shale, sandy-----	107	479
Clay-----	215	278	Gravel-----	13	492

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-128--Continued					
Rock and shale-----	75	567	Shale and gravel streaks	107	1,240
Gravel, rock, and shale	149	716	Gravel and sand-----	14	1,254
Shale, sandrock, and gravel-----	47	763	Shale and gravel streaks	171	1,425
Shale and lime streaks	111	874	Shale, gravel, and sandstone-----	58	1,483
Sand and gravel-----	36	910	Shale, blue-----	36	1,519
Shale-----	158	1,068	Red beds-----	12	1,531
Gravel and shale-----	65	1,133	Shale, sandy-----	25	1,556

Well Q-129--partial log

Owner: Otto Barkowsky. Driller: Tom Simmons.

Soil-----	8	8	Gravel and sand (water)	8	140
Clay and gypsite-----	43	51	Clay-----	66	206
Sand and gravel (water)	11	62	Sand and gravel (water)	7	213
Clay-----	3	65	Clay-----	4	217
Sand and gravel (water)	5	70	Total depth-----		650
Clay-----	62	132			

Well Q-134

Owner: Macha & Sons. Driller: Lowery Walker.

Surface-----	5	5	Clay and gravel streaks	85	235
Caliche and rock-----	10	15	Sand and gravel-----	90	325
Sand and gravel-----	8	23	Clay-----	71	396
Rock and gravel-----	16	39	Gravel-----	12	408
Rock-----	7	46	Clay and gravel streaks	52	460
Clay-----	104	150	Gravel-----	43	503

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-134--Continued					
Gravel and clay streaks	38	541	Gravel and clay streaks	182	767
Clay-----	44	585	Clay with gravel streaks	33	800

Well Q-135

Owner: Macha & Sons. Driller: Lowery Walker.

Surface-----	8	8	Clay-----	27	764
Rock, hard-----	12	20	Gravel and clay-----	14	778
Gravel and rock-----	31	51	Clay and gravel streaks	14	792
Clay-----	8	59	Lime and gravel-----	20	812
Sand and clay streaks-	11	70	Clay and gravel streaks	19	831
Gravel-----	13	83	Gravel-----	17	848
Gravel and clay streaks	42	125	Clay-----	30	878
Clay-----	150	230	Gravel-----	18	896
Gravel-----	50	280	Sand-----	32	928
Clay and gravel streaks	116	396	Clay-----	18	946
Gravel and clay streaks	38	434	Gravel, sand, and shale streaks-----	106	1,052
Clay-----	12	446	Gravel, clay, and shale	18	1,070
Gravel and clay streaks	54	500	Sand-----	12	1,082
Clay and gravel streaks	55	555	Shale, blue, and clay-	73	1,155
Clay-----	65	620	Shale-----	7	1,162
Rock and gravel-----	25	645	Shale; showing of lime	46	1,208
Clay-----	35	680	Lime, sandy, and gravel	110	1,318
Clay and gravel streaks	35	715	Shale-----	19	1,337
Gravel and rock-----	22	737			

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well Q-135--Continued

Shale and small lime streaks-----	23	1,360	Shale-----	8	1,412
Lime, sandy, and shale streaks-----	44	1,404	Sand, lime, and shale-	35	1,447
			Lime, sandy-----	61	1,508

Well Q-144

Owner: M & S Farms. Driller: Earl Fisher.

Surface-----	50	50	Shale, blue, boulders, and gypsum-----	30	630
Gravel and clay-----	27	77	Shale, blue and yellow	90	720
Gravel-----	15	92	Conglomerate-----	13	733
Shale streaks, yellow, and gravel-----	135	227	Shale, blue, and shells	42	775
Gravel streaks and yellow shale-----	18	245	Shale, blue, and gravel streaks-----	55	830
Gravel-----	45	290	Gravel-----	35	865
Shale, yellow, and gravel streaks-----	70	360	Gravel and shale-----	35	900
Shale, yellow-----	70	430	Shale, blue-----	54	954
Shale, yellow, and boulders-----	5	435	Conglomerate and gravel	30	984
Gravel-----	15	450	Shale and shell-----	28	1,012
Shale and gravel-----	5	455	Gravel-----	33	1,045
Boulders and shale----	109	564	Gravel and blue shale-	25	1,070
Shale, gypsum, and boulders-----	36	600	Shale, blue and yellow, and gravel-----	37	1,107
			Shale, blue-----	43	1,150

Well Q-146

Owner: Texas Cotton Industries. Driller: Simmons & Fisher.

Surface-----	10	10	Clay-----	55	65
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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-146--Continued					
Sand-----	75	140	Sand and gravel-----	9	580
Sand and gravel-----	35	175	Gravel, pea-----	60	640
Clay-----	20	195	Clay and gravel-----	54	694
Sand and gravel-----	35	230	Gravel-----	29	723
Clay-----	139	369	Clay-----	158	881
Clay and sand-----	18	387	Clay and gravel-----	42	923
Sand and gravel-----	79	466	Clay-----	177	1,100
Clay and gravel-----	105	571			

Well Q-147

Owner: Texas Cotton Industries. Driller: Lowery Walker.

Surface-----	8	8	Clay, sandy, and gravel	85	741
Clay-----	32	40	Shale and clay-----	154	895
Gravel-----	13	53	Clay and gravel-----	65	960
Clay and gravel streaks	272	325	Shale-----	60	1,020
Gravel and sand-----	25	350	Gravel-----	10	1,030
Clay and gravel-----	120	470	Shale-----	10	1,040
Gravel and sandy clay-	99	569	Gravel, sand, and shale	118	1,158
Gravel and clay-----	87	656	Shale, blue-----	5	1,163

Well Q-148

Owner: Texas Cotton Industries. Driller: Lowery Walker.

Caliche and gravel----	28	28	Clay and gravel-----	522	705
Clay and sand-----	64	92	Rock and gravel-----	25	730
Gravel and clay streaks	91	183	Shale and shells-----	90	820

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-148--Continued					
Clay, blue, and gravel	27	847	Gravel, lime, and clay	65	1,135
Gravel and clay streaks	133	980	Shale and lime-----	94	1,229
Lime and shale-----	90	1,070			

Well Q-151

Owner: J. A. McAnally. Driller: Lowery Walker.

Surface-----	2	2	Clay and gravel-----	25	494
Subsoil-----	32	34	Gravel-----	39	533
Gravel-----	21	55	Clay, blue-----	67	600
Clay-----	8	63	Gravel-----	10	610
Gravel-----	23	86	Clay, blue-----	59	669
Clay and gravel streaks	63	149	Clay, sand, and gravel	11	680
Clay, blue-----	93	242	Clay, blue-----	28	708
Gravel and rock-----	30	272	Clay, brown-----	10	718
Clay and gravel-----	23	295	Gravel-----	10	728
Clay-----	37	332	Clay and gravel-----	35	763
Sand and gravel-----	14	346	Gravel and clay-----	7	770
Clay-----	18	364	Gravel-----	10	780
Gravel-----	20	384	Gravel and sand-----	16	796
Clay and rock-----	21	405	Shale-----	11	807
Clay-----	15	420	Clay and gravel-----	7	814
Rock and clay-----	25	445	Gravel-----	12	826
Gravel and sand-----	24	469	Clay, brown-----	4	830

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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## Well Q-152

Owner: W. P. Mattox. Driller: Earl Fisher.

Surface-----	10	10	Gypsum-----	13	622
Shale, yellow, and caliche-----	78	88	Shale, blue, and gypsum	61	683
Rock and gravel-----	15	103	Gypsum-----	22	705
Shale and gravel-----	18	121	Shale, blue, and gypsum	42	747
Shale, brown-----	60	181	Shale, brown, and sandrock-----	29	776
Shale, blue-----	71	252	Lime, boulders, and shale-----	91	867
Shale, brown-----	6	258	Shale, blue-----	110	977
Shale, gypsum, and rocks-----	32	290	Shale and thin sandy gravel streaks-----	13	990
Shale and gravel streaks	30	320	Shale, sandy-----	10	1,000
Shale and shells-----	100	420	Shale, blue-----	223	1,223
Shale, shells, and gypsum-----	42	462	Gravel and sand-----	27	1,250
Boulders and gravel---	61	523	Shale, blue-----	20	1,270
Gravel and shale-----	12	535			
Shale, sandy, and lime	74	609			

## Well Q-154

Owner: W. P. Mattox. Driller: Earl Fisher.

Surface-----	16	16	Shale-----	73	180
Clay, yellow-----	56	72	Shale, blue-----	81	261
Gravel, small, and sand	6	78	Gypsum-----	19	280
Gravel-----	9	87	Shale, brown, and gypsum-----	32	312
Shale and gravel-----	20	107			

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well Q-154--Continued					
Shale, gravel, and boulders-----	133	445	Boulders and shale----	78	900
Shale, blue-----	51	496	Boulders, blue shale, and gypsum-----	108	1,008
Gravel and rock-----	36	532	Shale, blue-----	95	1,103
Shale, blue, and gypsum	165	697	Boulders and shale----	69	1,172
Shale, brown, and gypsum	33	730	Shale, blue-----	75	1,247
Shale, blue, and gypsum	38	768	Boulders and gravel---	9	1,256
Shale, blue-----	8	776	Sand and gravel-----	91	1,347
Boulders, lime, shale, and sandrock-----	46	822	Shale, blue-----	7	1,354

Well Q-156

Owner: Bailey Guess. Driller: Lowery Walker.

Surface-----	6	6	Clay-----	10	632
Clay-----	34	40	Conglomerate-----	38	670
Gravel-----	17	57	Clay, sandy-----	15	685
Clay and gypsum streaks	173	230	Gravel and rock-----	38	723
Gravel and clay streaks	90	320	Clay-----	30	753
Clay-----	50	370	Gravel and sand-----	15	768
Gravel and rock-----	35	405	Shale-----	22	790
Clay-----	30	435	Sand and gravel-----	25	815
Shale, light sand, and gravel streaks-----	105	540	Shale and sand streaks	34	849
Gravel and sand-----	31	571	Sand, gravel, and shale	7	856
Conglomerate-----	51	622	Shale-----	8	864

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well Q-157

Owner: Bailey Guess. Driller: Lowery Walker.

Clay-----	50	50	Shale, blue, and gravel	146	680
Gravel-----	14	64	Shale, blue-----	114	794
Clay-----	44	108	Clay, sandy, and gravel	21	815
Clay, sandy, and gravel	72	180	Gravel and sand-----	163	978
Shale, blue, and gravel streaks-----	54	234	Gravel and clay-----	27	1,005
Clay, sandy, and gravel	26	260	Clay-----	37	1,042
Shale-----	45	305	Gravel and clay streaks	60	1,102
Gravel and boulders---	19	324	Shale-----	3	1,105
Gravel, sand, and clay	210	534			

Well Q-158

Owner: F. M. Reeves. Driller: Lowery Walker.

Surface-----	15	15	Gravel-----	15	665
Clay-----	25	40	Shale-----	20	685
Gravel-----	36	76	Clay, sandy, and gravel streaks-----	135	820
Gravel and clay streaks	144	220	Gravel-----	80	900
Gypsum-----	60	280	Sand and gravel-----	17	917
Clay and gravel-----	90	370	Clay and gravel streaks	14	931
Shale, blue-----	90	460	Sand and gravel-----	9	940
Shale, sand, and gravel streaks-----	60	520	Gravel and sandy clay streaks-----	58	998
Shale-----	50	570	Shale-----	17	1,015
Shale and gypsum-----	80	650			

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well Q-159

Owner: Marvin Frazier. Driller: J. H. Hardaway.

Soil and clay-----	25	25	Gravel (water)-----	7	82
Gravel (water)-----	5	30	Clay-----	35	117
Clay-----	31	61	Gravel (water)-----	23	140
Sand, dry-----	7	68	Clay-----	13	153
Clay-----	7	75			

Well Q-160

Owner: Marvin Frazier. Driller: Tom Simmons.

Gypsite and clay-----	24	24	Clay, buff-----	12	92
Clay, light-----	23	47	Sand and gravel (water)	6	98
Sand, brown (water)---	10	57	Clay, buff-----	19	117
Clay, light-----	13	70	Sand and gravel-----	15	132
Sand and gravel (water)	10	80	Clay, red, light-----	5	137

Well Q-161

Owner: J. T. McKinney. Driller: Lowery Walker.

Surface-----	5	5	Gravel and sand-----	28	295
Caliche-----	25	30	Shale, blue-----	65	360
Sand, gravel, and clay streaks-----	67	97	Sand, gravel, and small clay streaks-----	34	394
Gravel-----	28	125	Shale, blue-----	36	430
Clay, sandy-----	60	185	Gravel-----	120	550
Gravel and clay streaks	55	240	Gravel and sand streaks	40	590
Shale-----	27	267	Shale, blue-----	45	635

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well Q-161--Continued

Sand and gravel streaks	49	684	Gravel and sand-----	17	925
Lime, sandy, gravel, and sand-----	31	715	Shale-----	30	955
Gravel and sand-----	120	835	Rock and gravel-----	122	1,077
Shale-----	27	862	Shale-----	3	1,080
Gravel, boulders, and sand-----	46	908			

Well Q-169

Owner: Billie Prewit. Driller: Earl Fisher.

Soil-----	9	9	Shale, yellow, and gravel-----	45	390
Sand-----	18	27	Shale-----	65	455
Shale and sand-----	43	70	Gravel-----	15	470
Sand and gypsum-----	235	305	Shale, yellow-----	46	516
Gravel-----	40	345			

Well Q-170

Owner: Earl Fisher & Joe Boswell. Driller: Earl Fisher.

Soil-----	10	10	Rock and gravel-----	50	757
Caliche-----	20	30	Shale and shells-----	361	1,118
Gravel-----	167	197	Shale-----	182	1,300
Clay and gravel streaks	175	372	Shale, blue-----	50	1,350
Gravel and sand-----	97	469	Red beds-----	50	1,400
Shale, blue-----	238	707			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well Q-172--partial log

Owner: H. Hankins. Driller: --Coleman.

Soil and clay-----	35	35	Clay-----	35	110
Gravel (water)-----	3	38	Gravel (water)-----	10	120
Clay-----	22	60	Clay-----	28	148
Gravel (water)-----	15	75	Total depth-----		300

Well Q-175

Owner: A. Gardner. Driller: J. H. Hardaway.

Soil-----	5	5	Gravel (water)-----	8	101
Clay, red-----	15	20	Clay-----	2	103
Clay, gray-----	8	28	Sand and gravel (water)	18	121
Clay, white-----	32	60	Clay, red-----	29	150
Sand and some gravel (water)-----	7	67	Sand-----	5	155
Clay-----	26	93			

Well Q-177

Owner: F. M. Reeves. Driller: Lowery Walker.

Clay-----	80	80	Clay, sandy-----	48	540
Gravel-----	30	110	Sand, gravel, and clay streaks-----	70	610
Clay, sandy-----	170	280	Shale-----	155	765
Gravel and clay, sand-	80	360	Clay, sandy-----	35	800
Clay, sandy-----	20	380	Gravel-----	150	950
Clay, sandy, and gravel streaks-----	112	492	Shale-----	110	1,060

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-177--Continued					
Shale and gravel streaks	170	1,230	Shale-----	15	1,398
Gravel and volcanic rock	153	1,383			

Well Q-187

Owner: J. H. Reed. Driller: Earl Fisher.

Surface-----	15	15	Shale and gravel-----	20	720
Clay-----	65	80	Gravel-----	70	790
Gravel-----	10	90	Shale-----	392	1,182
Clay-----	110	200	Shale, blue-----	338	1,520
Shale and gravel-----	10	210	Shale, red-----	60	1,580
Shale-----	450	660	Shale and gypsum-----	148	1,728
Gravel-----	40	700			

Well Q-188

Owner: J. H. Reed. Driller: Lowery Walker.

Surface-----	5	5	Gravel, pea-----	18	540
Caliche-----	40	45	Clay, gray-----	49	589
Gravel, coarse-----	40	85	Clay, brown-----	67	656
Boulders-----	15	100	Sand, silty-----	12	668
Gravel-----	8	108	Boulders, small-----	46	714
Boulders and gravel---	192	300	Gravel, pea-----	29	743
Conglomerate-----	20	320	Clay, blue-----	32	775
Sand and gravel-----	61	381	Lime, blue-----	10	785
Conglomerate, gravel, and boulders-----	141	522	Clay, hard-----	8	793

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well Q-190

Owner: M. & S. Farms. Driller: Earl Fisher.

Surface rock and caliche	32	32	Shale, blue, and boulders-----	55	750
Sand and gravel-----	18	50	Shale, blue-----	95	845
Gravel and shale-----	170	220	Boulders and shale----	29	874
Clay, yellow, and boulders-----	65	285	Shale, blue, and boulders-----	86	960
Boulders and shale----	213	498	Shale, yellow-----	10	970
Clay, yellow-----	22	520	Boulders and gravel---	25	995
Sand and gravel-----	25	545	Shale, blue-----	70	1,065
Boulders-----	25	570	Shale and gravel-----	15	1,080
Boulders and yellow clay-----	60	630	Shale, blue-----	5	1,085
Shale, yellow, and boulders-----	65	695	Boulders and shale----	7	1,092
			Sand, gravel, and shale	58	1,150

Well Q-197

Owner: C. T. Fuqua. Driller: --Walker.

No record-----	410	410	Gravel and rock-----	38	748
Clay-----	90	900	Clay and gravel-----	12	760
Gravel-----	175	675	Gravel and shale streaks	243	1,003
Clay-----	35	710	Shale, blue-----	4	1,007

Well Q-207

Owner: Arnold Gardner. Driller: --Wright.

No record-----	228	228	Sand and gravel-----	60	380
Clay and gravel-----	92	320	Gravel and red beds---	190	570

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-207--Continued					
Sand-----	20	590	Shale, blue-----	70	990
Gravel, sand, and red beds-----	30	620	Sand, gravel, and shale streaks-----	60	1,050
Sand, coarse, and gravel	210	830	Shale and gravel-----	353	1,403
Gravel with blue shale streaks-----	60	890	Shale-----	7	1,410
Gravel and sand-----	30	920			

Well Q-228

Owner: W. W. Hill. Driller: Lowery Walker.

Surface-----	17	17	Clay and gravel streaks	150	675
Clay-----	12	29	Sand and gravel-----	108	783
Gravel, large-----	26	55	Shale-----	67	850
Rock and gravel-----	30	85	Gravel and sand-----	18	868
Clay and gravel-----	33	118	Shale, sand, and gravel streaks-----	99	967
Gravel, sand, and rock	47	165	Gravel, sand, and shale	183	1,150
Shale and sand streaks	65	230	Lime and shale-----	140	1,290
Shale-----	20	250	Lime, sandy-----	30	1,320
Clay, sandy, and small gravel streaks-----	185	435	Shale-----	10	1,330
Sand, gravel, and clay streaks-----	32	467	Lime and shale-----	105	1,435
Shale-----	58	525	Red beds-----	10	1,445

Well Q-237

Owner: Texas Cotton Industries. Driller: Hayvanor Drilling Co.

No record-----	279	279	Cave-ins-----	21	300
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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-237--Continued					
Clay and boulders-----	63	363	Clay-----	66	765
Clay, gravel, and boulders-----	102	465	Clay and gravel-----	35	800
Clay and pea gravel---	44	509	Clay and blue shale---	69	869
Gravel, pea, and boulders-----	44	553	Sand and pea gravel---	56	925
Gravel-----	62	615	Shale, blue, and small gravel streaks-----	80	1,005
Clay and gravel-----	84	699			

Well Q-238

Owner: Texas Cotton Industries. Driller: Hayvanor Drilling Co.

Sand, clay, and gravel	30	30	Clay and pea gravel---	15	383
Gravel and clay-----	34	64	Clay-----	40	423
Gravel, clay, and sand	46	110	Clay and pea gravel---	77	500
Clay-----	30	140	Clay-----	30	530
Gravel-----	25	165	Gravel, pea, and sand-	30	560
Clay-----	73	238	Clay and sand-----	102	662
Clay and pea gravel---	10	248	Clay-----	23	685
Gravel, pea-----	12	260	Shale, blue, and gravel streaks-----	110	795
Clay and pea gravel---	9	269	Shale-----	25	820
Clay-----	21	290	Gravel-----	60	880
Gravel and boulders---	15	305	Gravel and boulders---	82	962
Boulders-----	32	337	Clay and gravel-----	41	1,003
Clay-----	18	355			
Gravel, pea-----	13	368			

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well Q-239

Owner: Texas Cotton Industries. Driller: Lowery Walker.

Surface-----	30	30	Shale-----	2	750
Gravel and rock-----	42	72	Shale and gravel streaks	50	800
Clay and gravel streaks	213	285	Shale-----	190	990
Gravel and clay streaks	105	390	Volcanic ash and rock-	30	1,020
Sand and gravel-----	35	425	Ash, sandy-----	38	1,058
Clay-----	25	450	Shale and gravel streaks	220	1,280
Sand, gravel, and clay streaks-----	5	455	Volcanic rock and gravel	27	1,307
Gravel and sand-----	65	520	Shale and volcanic rock streaks-----	83	1,390
Clay and gravel-----	125	645	Lime and shale streaks	34	1,424
Sand and gravel with blue shale streaks--	82	727	Ash, shale, lime, and red beds-----	41	1,465
Shale and gravel-----	21	748			

Well Q-240

Owner: Texas Cotton Industries. Driller: Hayvanor Drilling Co.

Clay-----	60	60	Sand, boulders, and yellow clay-----	31	422
Gravel, pea-----	28	88	Clay and boulders-----	30	452
Clay-----	46	134	Boulders and gravel---	58	510
Clay and pea gravel---	26	160	Clay and boulders-----	40	550
Boulders-----	30	190	Clay-----	55	605
Sand and gravel-----	122	312	Clay and gravel-----	30	635
Gravel and boulders---	40	352	Clay-----	36	671
Sand and boulders-----	39	391			

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-240--Continued					
Clay and gravel-----	50	721	Gravel, pea-----	21	825
Clay-----	39	760	Clay and gravel-----	20	845
Boulders-----	12	772	Clay-----	15	860
Boulders and pea gravel	8	780	Clay and gravel-----	40	900
Gravel-----	7	787	Shale-----	62	962
Shale, blue, and boulders-----	4	791	Shale, blue, and clay-	4	999
Clay-----	13	804	Clay-----	37	1,003

Well Q-241

Owner: Texas Cotton Industries. Driller: Lowery Walker.

Surface-----	43	43	Clay and shells-----	140	730
Gravel and clay-----	45	88	Clay, blue, and gravel	174	904
Clay-----	49	137	Volcanic rock and shale	176	1,080
Gravel and clay-----	13	150	Shale, blue, and volcanic rock-----	240	1,320
Clay and shells-----	142	292	Lime-----	55	1,375
Gravel-----	48	340	Lime and shale-----	119	1,394
Clay-----	105	445	Lime-----	20	1,414
Gravel-----	17	462	Lime and shale-----	56	1,470
Clay and gravel-----	128	590			

Well Q-242

Owner: Texas Cotton Industries. Driller: Armstrong Bros.

Topsoil-----	5	5	Gravel, dry-----	10	35
Clay, yellow-----	20	25	Clay, yellowish-----	45	80

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-242--Continued					
Gravel (water)-----	33	113	Clay, red-----	34	282
Clay, gravel, shale, and conglomerate----	135	248			

Well Q-243

Owner: Texas Cotton Industries. Driller: Lowery Walker.

Surface-----	25	25	Gravel-----	12	605
Sand and gravel-----	10	35	Clay, blue-----	105	710
Clay-----	47	82	Shale and gravel streaks	15	725
Gravel and clay streaks	20	102	Gravel and shale streaks	65	790
Clay-----	19	121	Shale-----	10	800
Rock-----	18	139	Gravel and shale-----	50	850
Clay and gravel-----	61	200	Shale and sand-----	30	880
Gravel, sandy, and clay	20	220	Shale, sand, and gravel	38	918
Clay-----	15	235	Gravel-----	56	974
Gravel-----	5	240	Shale-----	28	1,002
Clay and gravel streaks	35	275	Gravel, sand, and shale	36	1,038
Gravel-----	35	310	Shale, sand, and gravel streaks-----	15	1,053
Clay and small gravel streaks-----	182	492	Gravel-----	12	1,065
Clay-----	58	550	Shale-----	2	1,067
Clay and gravel-----	43	593			

Well Q-245

Owner: Texas Cotton Industries. Driller: Lowery Walker.

Clay-----	20	20	Gravel-----	20	40
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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-245--Continued					
Clay-----	75	115	Clay-----	44	384
Gravel and rock-----	20	135	Clay and gravel-----	84	468
Rock-----	8	143	Gravel and rock-----	49	517
Clay and gravel-----	5	148	Clay and gravel-----	22	539
Clay-----	65	213	Clay-----	81	620
Sand and gravel-----	32	245	Clay and gravel streaks	60	680
Clay and gravel-----	15	260	Shale, blue-----	102	782
Gravel-----	80	340	Shale, blue, and yellow clay-----	21	803

Well Q-247

Owner: Theo Thompson. Driller: Earl Fisher.

Soil-----	15	15	Gravel-----	27	575
Sand and gravel-----	32	47	Shale, blue, and boulders-----	52	627
Gravel-----	11	58	Gravel-----	18	645
Shale and gravel-----	35	93	Shale, blue-----	90	735
Gravel-----	12	105	Shale and boulders----	8	743
Shale and gravel-----	51	156	Gravel and boulders---	9	752
Shale-----	40	196	Boulders-----	23	775
Boulders-----	28	224	Shale, blue-----	50	825
Shale-----	31	255	Boulders and blue shale	326	1,151
Boulders and shale----	45	300	Shale, blue-----	89	1,240
Shale-----	149	449	Lime-----	15	1,255
Shale and boulders----	41	490	Shale-----	12	1,267
Shale, blue-----	58	548	Lime, shale, and gypsum	108	1,375

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well Q-250

Owner: Theo Thompson. Driller: Earl Fisher.

Soil-----	6	6	Shale, blue-----	113	550
Shale-----	21	27	Shale and boulders----	168	718
Shale and gravel-----	38	65	Gravel and boulders---	52	770
Boulders-----	12	77	Shale, blue, and boulders-----	135	905
Shale-----	13	90	Gravel and boulders---	21	926
Gravel and boulders---	10	100	Shale, blue-----	129	1,055
Shale and boulders----	69	169	Shale, blue, and boulders-----	165	1,220
Gravel and boulders---	21	190	Shale, blue-----	45	1,265
Shale and gravel-----	42	232	Lime-----	5	1,270
Shale-----	36	268	Shale, blue-----	10	1,280
Gravel and boulders---	12	280	Lime and gypsum-----	38	1,318
Boulders-----	8	288	Lime, broken, and red beds-----	114	1,432
Shale and boulders----	125	413			
Boulders-----	24	437			

Well Q-261

Owner: Tom Passmore. Driller: Lowery Walker.

Surface-----	25	25	Clay, sandy-----	30	520
Gravel-----	45	70	Gravel-----	70	590
Clay-----	130	200	Shale-----	90	680
Gravel-----	120	300	Gravel-----	20	700
Clay-----	15	335	Shale and gravel-----	26	726
Gravel and sand-----	138	473	Gravel and sand-----	50	776
Clay-----	17	490	Shale-----	19	795

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well Q-264

Owner: G. Passmore. Driller: Lowery Walker.

Surface-----	15	15	Shale-----	190	1,040
Clay and sand-----	185	200	Gravel and sand-----	105	1,145
Gravel-----	59	259	Shale-----	15	1,160
Clay, sand, and gravel streaks-----	121	380	Sand, black-----	20	1,180
Gravel and sandrock---	45	425	Shale-----	100	1,280
Clay and gravel-----	55	480	Sand and shale-----	14	1,294
Sand and gravel-----	45	525	Shale-----	11	1,305
Clay-----	55	580	Volcanic ash and sand- rock-----	129	1,434
Clay and gravel streaks	33	613	Ash, sandy, and volcanic rock-----	8	1,442
Clay-----	37	650	Lime, sandy-----	43	1,485
Shale and blue shale streaks-----	50	700	Red beds-----	69	1,554
Sand, gravel, and shale streaks-----	150	850			

Well Q-265

Owner: Garvin Passmore. Driller: Earl Fisher.

Topsoil-----	50	50	Boulders and sand-----	63	535
Gravel and shale-----	45	95	Boulders and clay-----	10	545
Shale-----	120	215	Clay, yellow-----	28	573
Clay, yellow-----	85	300	Gravel and boulders---	10	583
Sand and gravel-----	25	325	Clay and boulders-----	10	593
Clay, yellow-----	65	390	Gypsum and clay-----	22	615
Shale-----	82	472	Gypsum and boulders---	28	643

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well Q-265--Continued

Boulders-----	2	645	Gravel and sand streaks, and white, yellow, and blue shale-----	35	950
Shale, blue-----	50	695			
Shale, blue, and boulders-----	20	715	Gravel, sand streaks, and blue shale-----	65	1,015
Gravel and yellow clay	20	735	Shells and blue shale-	31	1,046
Clay, yellow, and gravel	60	795	Shale and small boul- ders-----	134	1,180
Gravel, sand, and blue clay-----	9	804	Shale-----	15	1,195
Shale and shells-----	111	915			

Well Q-266

Owner: J. G. Pfluger. Driller: Earl Fisher.

Shale-----	35	35	Gravel, broken-----	30	340
Gravel and boulders---	31	66	Shale-----	193	533
Shale-----	92	158	Gravel-----	7	540
Gravel and boulders---	10	168	Shale-----	11	551
Shale-----	87	255	Gravel and boulders---	16	567
Gravel-----	3	258	Shale and boulders---	23	590
Gravel and boulders---	22	280	Shale-----	28	618
Shale-----	30	310	Shale and boulders---	37	655

Well Q-268

Owner: J. G. Pfluger. Driller: Earl Fisher.

Soil-----	6	6	Gravel-----	9	248
Shale-----	208	214	Shale and gravel-----	59	307
Shale, sandy, and gravel-----	25	239	Gravel-----	33	340

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-268--Continued					
Shale-----	28	368	Shale-----	92	582
Shale and gravel streaks	62	430	Shale and gravel-----	41	623
Gravel-----	10	440	Shale-----	87	710
Shale-----	9	449	Shale, yellow-----	6	716
Gravel and boulders---	6	455	Shale, blue-----	14	730
Shale-----	15	470	Shale, blue, and gravel	32	762
Shale and gravel-----	20	490	Shale, yellow-----	18	780

Well Q-269

Owner: J. G. Pfluger. Driller: Earl Fisher.

Soil-----	12	12	Shale and gravel-----	44	442
Sand and gravel-----	13	25	Shale, blue, and gravel	37	479
Shale, sandy-----	11	36	Shale, yellow, and gravel-----	97	576
Gravel-----	11	47	Shale-----	19	595
Shale-----	19	66	Gravel-----	30	625
Gravel-----	18	84	Shale and gravel-----	20	645
Shale-----	44	128	Shale-----	59	704
Shale and sandstone---	39	167	Shale and gravel-----	76	780
Shale-----	8	175	Shale-----	50	830
Sand and gravel-----	18	193	Shale and gravel-----	26	856
Shale and gravel streaks	97	290	Gravel-----	35	891
Sand and gravel-----	76	366	Shale-----	21	912
Shale-----	9	375	Shale, blue, and gravel	108	1,020
Shale, sandy-----	23	398			

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well 269--Continued					
Shale, blue-----	38	1,058	Sand, gravel, and gypsum-----	18	1,286
Boulders and gravel---	14	1,072	Sand and gravel-----	29	1,315
Shale and boulders----	88	1,160	Shale and gravel-----	53	1,368
Shale, gypsum, and gravel-----	86	1,246	Sand and gravel-----	7	1,375
Sand and gravel-----	22	1,268	Gravel and lime streaks	19	1,394

Well Q-273

Owner: E. E. West. Driller: Earl Fisher.

Surface-----	10	10	Sand and gravel-----	42	560
Shale and sand-----	55	65	Shale, red, and boulders	45	605
Sand and gravel-----	25	90	Gravel-----	9	614
Shale and gravel-----	20	110	Shale and boulders----	58	672
Shale-----	98	208	Gravel and boulders---	336	1,008
Sand and gravel-----	13	221	Shale, blue-----	92	1,100
Shale-----	92	313	Gravel and boulders---	73	1,173
Shale and boulders----	107	420	Shale, blue-----	37	1,210
Shale, blue-----	98	518			

Well Q-278

Owner: J. F. Crews. Driller: Earl Fisher.

Surface-----	10	10	Clay, yellow-----	60	130
Gravel-----	30	40	Gravel-----	45	175
Boulders and gravel---	10	50	Shale and gravel-----	35	210
Gravel-----	20	70	Gravel-----	40	250

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Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well Q-278--Continued					
Shale-----	30	280	Shale, blue-----	35	1,450
Shale and gravel-----	180	460	Shale-----	75	1,525
Boulders, gravel, and shale-----	45	505	Shale and gypsum-----	13	1,538
Gravel-----	65	570	Shale-----	58	1,596
Shale-----	120	690	Gypsum and shale-----	28	1,624
Gravel-----	80	770	Red beds and gypsum---	128	1,752
Shale and gravel-----	85	855	Red beds-----	93	1,845
Shale-----	45	900	Shale, blue, and gypsum	20	1,865
Gravel-----	16	916	Shale, anhydrite, and gypsum-----	74	1,939
Shale, blue-----	134	1,050	Shale-----	87	2,026
Gravel and shale-----	70	1,120	Lime-----	35	2,061
Shale, blue-----	88	1,208	Lime, broken-----	19	2,080
Rock, red, and red beds	28	1,236	Lime-----	35	2,115
Rock, red-----	9	1,245	Lime and shells-----	15	2,130
Shale, blue, and clay-	95	1,340	Shale, lime, and shells	47	2,177
Red beds, shale, and gypsum-----	75	1,415			

Well Q-279

Owner: J. F. Crews. Driller: Earl Fisher.

Surface-----	10	10	Shale, blue, and gravel streaks-----	205	1,005
Gravel-----	45	55	Gravel and shale-----	90	1,095
Gravel, clay, and shale	542	597	Gravel-----	5	1,100
Shale and gravel-----	203	800	Shale-----	30	1,130

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well Q-280

Owner: J. F. Crews. Driller: Lowery Walker.

Rock-----	12	12	Gravel and boulders---	32	425
Gravel and boulders---	37	49	Clay and gravel-----	5	430
Sand, gravel, and rock	52	101	Gravel and boulders---	27	457
Gravel and red rock---	31	132	Conglomerate-----	23	480
Gravel and rock-----	72	204	Sand, gravel, and rock	32	512
Clay and gravel-----	13	217	Gravel and rock-----	28	540
Gravel and rock-----	58	275	Sand, clay, and gravel	42	582
Clay and gravel-----	25	300	Clay-----	11	593
Gravel and boulders---	37	337	Sand, gravel, and rock	33	626
Clay and gravel-----	10	347	Clay and sand-----	8	634
Sand, gravel, and rock	46	393	Boulders and sand-----	9	643

Well Q-283

Owner: L. M. Prater. Driller: A. R. Eppenauer.

Sand and caliche-----	20	20	Sandstone, argillaceous, rounded frosted sand grains-----	50	630
Sand and clay-----	17	37	Limestone, sandy, and marl-----	100	730
Shale and sand (water)	51	88	Gravel, red, brown, and green-----	80	810
Boulders, shale, and shells-----	105	193	Sand, calcareous, and gravel-----	160	970
Shale-----	42	235	Shale, light-colored--	90	1,060
Sand, calcareous-----	25	260	Shale, calcareous-----	80	1,140
Sand and gravel-----	150	410			
Limestone, sandy, and marl-----	170	580			

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-283--Continued					
Limestone and marl-----	40	1,180	Gypsum and red shale--	120	1,640
Limestone, sandy-----	50	1,230	Dolomite, cream-colored	40	1,680
Limestone, shaly, red-	50	1,280	Dolomite and red sand-	10	1,690
Shale, sandy, greenish-	50	1,330	stone-----		
gray-----			Dolomite, anhydrite,	140	1,830
Shale, sandy to gravelly,	90	1,420	and red shale-----		
red and gray-----			Anhydrite and gypsum--	170	2,000
Shale, sandy, calcar-	100	1,520			
eous, gray-----					

Well Q-289

Owner: Graham & Gallemore. Driller: Lowery Walker.

Surface-----	20	20	Clay, sand, and gravel	25	365
Gravel-----	10	30	Clay, blue-----	70	435
Sand and gravel-----	33	63	Sand and gravel-----	22	457
Gravel, pea-----	12	75	Gravel-----	23	480
Clay-----	85	160	Clay and gravel streaks	150	630
Clay and gravel-----	34	194	Shale-----	270	900
Clay, gravel, and sand	91	285	Lime, sandy-----	40	940
streaks-----			Red beds-----	16	956
Shale-----	55	340			

Well Q-297

Owner: A. R. Eppenauer. Driller: J. H. Hardaway.

Soil-----	7	7	Clay, red-----	9	28
Gravel-----	5	12	Gravel-----	2	30
Sandrock-----	7	19	Gravel (water)-----	9	39

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-297--Continued					
Clay, red-----	29	68	Sand and gravel (water)	15	150
Gravel (water)-----	2	70	Clay, red-----	30	180
Sandstone-----	12	82	Shale, blue-----	128	308
Sand-----	16	98	Gravel, coarse (water)	9	317
Clay, red-----	37	135	Clay, yellow-----	2	319

Well Q-309

Owner: H. T. Collier, Jr. Driller: Lowery Walker.

Surface-----	9	9	Clay, blue-----	57	380
Gravel and rock-----	11	20	Red bed clay-----	13	393
Rock, hard-----	10	30	Shale, mixed red and gray-----	17	410
Rock and lime stringer	10	40	Red beds-----	130	540
Clay-----	13	53	Sandrock, red, and red and gray shale streaks	36	576
Gravel and sand-----	22	75	Red beds, red sandrock, and gray shale streaks	70	646
Clay, sandy-----	55	130	Red beds and red sand- rock-----	54	700
Rock-----	8	138	Red beds-----	32	732
Shale-----	152	290			
Sand and gravel-----	33	323			

Well Q-313

Owner: F. S. Stanton. Driller: Lowery Walker.

Surface-----	20	20	Sand and gypsum-----	22	153
Clay and gravel streaks	48	68	Sand and gravel-----	13	166
Gypsum-----	29	97	Clay-----	47	213
Gravel-----	34	131	Sand and clay-----	8	221

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well Q-313--Continued					
Clay-----	204	425	Shale, showing of lime and sand-----	14	860
Sand and gravel-----	15	440	Sand and shale-----	72	932
Red beds, sandy-----	100	540	Shale and sandy streaks	46	978
Sandrock-----	65	605	Shale, blue, and red sand-----	9	987
Shale, blue and yellow	15	620	Sand, red-----	9	996
Sand-----	20	640	Clay, red and blue----	15	1,011
Red beds-----	20	660	Sand, red-----	11	1,022
Sand and shale-----	30	690	Sand, brown-----	19	1,041
Shale streaks and red beds-----	23	713	Clay, red and blue, and sand streaks----	12	1,053
Sand and red beds-----	13	726	Sand, white, and blue shale-----	48	1,101
Sand and shale-----	7	733	Sand, white, and anhydrite-----	9	1,110
Red beds-----	18	751	Anhydrite-----	25	1,135
Clay, yellow streaks in red beds-----	28	779	Anhydrite and shale---	21	1,156
Shale, sand, and showing of lime-----	29	808	Lime-----	19	1,175
Red beds and shale----	38	846			

Well Q-316

Owner: Jim McCormick. Driller: Lowery Walker.

Surface-----	15	15	Gravel-----	30	180
Gravel and sand-----	20	35	Clay-----	74	254
Clay-----	60	95	Clay and gravel-----	14	268
Gravel-----	43	138	Gravel and boulders---	13	281
Clay-----	12	150	Gravel and sand-----	88	369

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well Q-316--Continued

Shale, blue-----	86	455	Red beds-----	143	735
Gravel and boulders---	65	520	Clay, yellow-----	4	739
Shale, red-----	22	542	Red beds-----	21	760
Shale, blue-----	2	544	Shale, blue-----	28	788
Sand, hard, red-----	48	592	Red beds-----	12	800

Well Q-319

Owner: Jim McCormick. Driller: Lowery Walker.

Surface-----	3	3	Clay and gravel-----	40	490
Gravel-----	9	12	Sand, gravel, and clay	75	565
Rock and gravel-----	3	15	Shale, blue-----	53	618
Gravel-----	65	80	Sand and gravel-----	12	630
Clay and gravel-----	30	110	Clay-----	35	665
Sand and gravel-----	170	280	Clay, sandy-----	35	700
Sand-----	59	339	Clay and gravel-----	30	730
Shale, blue-----	26	365	Clay, sandy-----	40	770
Sand and gravel-----	15	380	Clay and gravel-----	15	785
Shale, blue-----	15	395	Clay-----	16	801
Clay, sandy-----	55	450			

Well Q-321

Owner: Jim McCormick. Driller: Lowery Walker.

Surface-----	10	10	Sand, clay, and gravel	313	478
Gravel-----	15	25	Shale, blue-----	232	710
Sand and gravel-----	31	56	Shale, sandy, and gravel	32	742
Clay and sand streaks-	109	165	Lime, sandy, gravel, and shale streaks---	58	800

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well Q-324

Owner: L. M. Prater. Driller: Earl Fisher.

No record-----	76	76	Shale and gravel-----	171	491
Rock and gravel-----	23	99	Gravel-----	54	545
Clay-----	46	145	Shale and gravel-----	33	578
Clay and gravel-----	52	197	Shale-----	113	691
Boulders and rock-----	26	223	Shale, sandy-----	24	715
Boulders and gravel---	35	258	Shale and gravel-----	80	795
Shale-----	11	269	Shale, blue-----	205	1,000
Shale, blue-----	51	320	Red beds-----	75	1,075

Well Q-328

Owner: Cole & Armstrong. Driller: Earl Fisher.

Shell-----	6	6	Shale and gravel-----	25	480
Gravel-----	89	95	Shale-----	65	545
Clay-----	25	120	Shale and gravel-----	65	610
Gravel-----	95	215	Boulders-----	35	645
Shale, blue-----	240	455	Shale-----	160	805

Well Q-332

Owner: Graham & Gallemore. Driller: Lowery Walker.

Gravel-----	54	54	Gravel-----	35	222
Gravel and rock-----	11	65	Clay-----	48	270
Rock-----	5	70	Gravel-----	40	310
Clay, blue-----	20	90	Clay-----	30	340
Clay, brown-----	97	187	Gravel-----	14	354

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-332--Continued					
Clay-----	8	362	Gravel and clay streaks	109	539
Clay and gravel streaks	25	387	Clay-----	21	560
Gravel-----	13	400	Clay and gravel streaks	40	600
Clay-----	30	430	Clay-----	27	627

Well Q-336

Owner: W. W. Hill. Driller: Tom Simmons.

Soil-----	14	14	Sand and gravel (water)	2	136
Boulders-----	56	70	Clay-----	17	153
Sand and gravel (water)	8	78	Sand and gravel (water)	2	155
Clay-----	3	81	Clay-----	5	160
Sand and gravel (water)	7	88	Sand and gravel (water)	12	172
Sand, coarse (water)--	9	97	Clay-----	32	204
Gravel (water)-----	4	101	Sand and gravel (water)	6	210
Clay-----	33	134	Clay-----	4	214

Well R-1

Owner: Billie Prewit. Driller: Earl Fisher.

Silt, sandy, buff, fine	2	2	Sand, silty to clayey, fine gypsiferous----	35	140
Clay, silty, buff, gyp- siferous-----	8	10	Clay, blue-gray, cal- careous fragments---	25	165
Clay, buff, selenite crystals-----	22	32	Gravel, small, angular to rounded, flint, and chert (water)---	3	168
Silt, buff to gray, and fine sand con- taining gravel lenses (water)-----	73	105			

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well R-3

Owner: Atlantic Oil & Refining Co. Driller: City of Pecos.

Soil and caliche-----	15	15	Sand, red-----	90	185
Shale, red-----	80	95			

Well R-11

Owner: Loy Collier. Driller: Ted Lindemann.

Surface-----	82	82	Sand and gravel-----	31	127
Gravel-----	14	96	Sandstone, red, and red beds-----	4	131

Well R-21

Owner: Billie Prewit. Driller: Forest Development Co.

Shale, calcareous, gray	10	10	Gravel-----	20	260
Shale, gray-----	10	20	Shale, pink to buff---	50	310
Shale, sandy, calcareous, buff-----	10	30	Gravel-----	10	320
Conglomerate-----	30	60	Shale, sandy, buff to pink-----	30	350
Shale, gypsiferous, buff-----	10	70	Gravel-----	20	370
Shale, buff-----	50	120	Shale, red-----	130	500
Conglomerate-----	40	160	Shale, sandy, red-----	20	520
Sandstone, shaly, buff	20	180	Shale, sandy, red and gray-----	50	570
Conglomerate-----	20	200	Shale, red-----	30	600
Conglomerate, calcareous, argillaceous, and reworked Cretaceous fossils-----	10	210	Shale, sandy, red-----	30	630
Conglomerate, sandy---	30	240	Shale, buff to red----	30	660
			Shale, gray, buff, and red-----	20	680

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well R-21--Continued							
Shale, red and buff, and anhydrite-----	30	710	Shale, red-----	60	1,120		
Shale, red and buff, and thin beds of gray shale-----	70	780	Limestone, dense, gray	5	1,125		
Gravel and red shale--	10	790	Shale, red and gray---	25	1,150		
Shale, buff-----	20	810	Shale, buff and red, and anhydrite-----	70	1,220		
Shale, buff, and anhydrite-----	10	820	Anhydrite and buff and red shale-----	110	1,330		
Shale, sandy, buff, and red-----	240	1,060	Dolomite, tan (flowing sulfur water)-----	30	1,360		

Well R-22--partial log

Owner: Billie Prewit. Driller: Tom Simmons.

Sand, silty, gypsiferous-----	14	14	Clay, gypsiferous, gray	20	95		
Gypsum-----	6	20	Gypsum and sand, medium	8	103		
Sand, gypsiferous, fine to medium (water)	1	21	Sand, gypsiferous, medium (water rose to within 12 feet of surface)-----	7	110		
Clay, sandy, fine, reddish-buff-----	21	42	Clay, buff-----	14	124		
Clay, gray-----	16	58	Sand, medium to coarse, brown (water)-----	1	125		
Silt, clayey, buff----	8	66	Total depth-----		300		
Clay, greenish-gray---	9	75					

Well R-27

Owner: W. H. Holcombe. Driller: Tom Simmons.

No record-----	8	8	Clay, mottled yellow and blue, and sand streaks-----	29	38		
Rock, hard-----	1	9					

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well R-27--Continued					
Sand, white-----	10	48	Sand, fine, dark-----	11	151
Clay, mottled blue and yellow-----	92	140			

Well R-30

Owner: Winterrowd Bros. Driller: Lowery Walker.

Surface-----	18	18	Sand-----	38	228
Clay, sandy, and gravel	13	31	Shale, yellow, and lime	16	244
Gravel-----	13	44	Lime and red sandstone	3	247
Clay and shale-----	116	160	Sandstone, red, and red beds-----	46	293
Shale, sandy, and sand	30	190			

Well R-31

Owner: Winterrowd Bros. Driller: Lowery Walker.

Surface-----	14	14	Clay, yellow, and lime	5	235
Gravel and sandy clay-	18	32	Clay, yellow, lime, and red beds-----	12	247
Clay, sandy-----	48	80	Red beds-----	20	267
Sand, sugary-----	150	230			

Well R-33

Owner: Winterrowd Bros. Driller: Lowery Walker.

Surface-----	15	15	Sand, sugary-----	41	228
Clay-----	30	45	Clay, sandy-----	36	264
Clay, sandy-----	35	80	Clay, yellow, and lime	6	270
Sand, sugary, and clay	100	180	Lime and blue shale---	31	301
Shale, blue-----	7	187	Sand and blue shale---	37	338

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well R-33--Continued

Red beds-----	67	405	Shale and red sandstone	105	1,004
Red beds and red sand-	265	670	Anhydrite-----	188	1,192
Sandstone and red beds	77	747	Dolomite-----	42	1,234
Shale, sandstone, and red beds-----	85	832	Dolomite and lime-----	178	1,412
Shale and sandstone---	67	899	Dolomite, lime, bottom gypsum, and anhydrite	63	1,475

Well R-34

Owner: Winterrowd Bros. Driller: Lowery Walker.

Surface-----	20	20	Clay, sandy clay, and shale-----	71	235
Clay-----	20	40	Clay, yellow, and lime	54	289
Clay, sandy, gravel and sand-----	16	56	Clay, yellow, lime, and red sandstone---	11	300
Clay and shale-----	108	164	Red beds-----	4	304

Well R-35

Owner: Winterrowd Bros. Driller: Lowery Walker.

Surface-----	40	40	Sand and shale-----	68	208
Sandrock-----	70	110	Red beds-----	16	224
Clay, blue, and shale-	30	140			

Well R-36

Owner: Winterrowd Bros. Driller: Lowery Walker.

Surface-----	20	20	Lime, yellow, and clay	22	249
Gravel-----	9	29	Lime and yellow clay--	2	251
Clay, sandy-----	131	160	Red sandstone and red beds-----	40	291
Sand, sugary, and clay	67	227	Red beds-----	15	306

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well R-37

Owner: Winterrowd Bros. Driller: Lowery Walker.

Rock, hard-----	5	5	Rock, red-----	8	395
Rock and clay-----	40	45	Red beds-----	110	505
Gravel-----	35	80	Sand, white-----	12	517
Clay, sandy-----	70	150	Red beds-----	523	1,040
Shale, blue-----	25	175	Anhydrite-----	134	1,174
Shale, brown-----	25	200	Dolomite and sand-----	54	1,228
Mica and shale-----	63	263	Dolomite-----	21	1,249
Lime and sand-----	7	270	Dolomite and lime-----	91	1,340
Sandstone-----	18	288	Dolomite, gypsum, and lime-----	80	1,420
Shale, sandy-----	20	308	Dolomite and lime-----	85	1,505
Lime, sandy, and sandstone-----	37	345	Red beds and anhydrite	15	1,520
Lime, sandy, and gravel	10	355	Anhydrite-----	56	1,576
Lime-----	32	387			

Well R-39

Owner: Winterrowd Bros. Driller: Lowery Walker.

Gravel-----	40	40	Anhydrite-----	177	1,192
Gravel and sand-----	40	80	Dolomite-----	3	1,195
Shale and gravel-----	126	206	Dolomite and lime-----	245	1,440
Sandstone-----	86	292	Dolomite, lime, and bottom gypsum-----	30	1,470
Limestone and sandstone	68	360			
Red beds-----	655	1,015			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well S-2

Owner: Atlantic Oil & Refining Co. Driller: City of Pecos.

Soil-----	5	5	Sand, red-----	15	178
Gravel-----	50	55	Shale, sandy, red-----	42	220
Shale, red-----	10	65	Sand and sandy shale--	20	240
Shale-----	25	90	Shale, red-----	10	250
Shale, red-----	20	110	Sand, shaly, red-----	19	269
Sand, red-----	35	145	Sand, red-----	16	285
Rock, red-----	18	163	Sand-----	17	302

Well S-24

Owner: H. F. Anthony Jr., et al. Driller: L. F. Buchanan.

Caliche-----	8	8	Sand, reddish-brown, and gravel-----	15	86
Conglomerate-----	17	25			
Sand, light reddish- brown, silt, and some gravel-----	46	71			

Well S-38

Owner: T. Thompson. Driller: Earl Fisher.

Gravel-----	56	56	No record-----	80	180
Shale, sandy, and gravel	24	80	Red beds-----	187	367
Gravel-----	20	100			

Well S-46

Owner: Lynn Eddins well Co. Driller: Earl Brooks.

Surface-----	9	9	Lime, broken, and red sandy shale-----	10	19
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(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well S-46--Continued					
Shale, sandy, red-----	6	25	Shale, red, and anhy- drite-----	13	473
Shale, red-----	115	140	Gravel, red-----	14	487
Shale, sandy, red-----	25	165	Lime, brown, and gravel	3	490
Sand, brown (water)---	10	175	Lime, brown, red shale, and anhydrite-----	26	516
Rock, red-----	5	180	Shale, brown, and anhydrite-----	10	526
Lime, sandy (water)---	10	190	Shale, red, and anhy- drite-----	20	546
Rock, red-----	17	207	Shale, brown, and anhydrite-----	9	555
Sand (hole full of fresh water)-----	5	212	Lime, sandy, brown, and anhydrite-----	10	565
Rock, red-----	16	228	Sand, fine, brown-----	2	567
Lime, sandy, red-----	7	235	Shale, coarse, brown, and anhydrite-----	61	628
Rock, red-----	9	244	Shale, brown-----	10	638
Shale, sandy-----	71	315	Lime, brown, and anhydrite-----	17	655
Rock, red, and sandy shale (water)-----	5	320	Shale, brown, and anhydrite-----	114	769
Rock, red-----	25	345	Shale, brown and blue-	16	785
Shale, sandy, brown, white sand parting, and silica specks---	8	353	Shale, brown, and anhydrite-----	10	795
Sand, fine, red-----	5	358	Lime, shelly, brown---	62	857
Lime, hard, brown, and red sandy shale-----	7	365	Lime, brown-----	5	862
Lime, brown-----	25	390	Shale, red-----	33	895
Shale, red and blue, and brown lime-----	10	400	Shale, red, and anhy- drite-----	10	905
Lime, brown, and red shale-----	20	420			
Shale, sandy, red-----	40	460			

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well S-46--Continued

1,210	10	Shale, brown-----	12	917	Lime, gray, and anhydrite-----
1,213	3	Shale, blue-----	3	920	Lime, gray-----
1,215	2	Shale, blue, mixture--	5	925	Lime, gray, and anhydrite-----
1,220	5	Shale, limy, blue-----	5	930	Rock, red-----
1,231	11	Lime, sandy, gray-----	80	1,010	Lime, gray, and anhydrite-----
1,311	80	Lime, gray (hole full of water 1,227-1,231)	22	1,032	Anhydrite and blue shale-----
1,329	18	Shale, blue-----	21	1,053	Shale, red-----
1,333	4	Lime, blue-----	5	1,058	Anhydrite-----
1,335	2	Shale, sticky, blue---	30	1,088	Shale, red-----
1,341	6	Lime, blue-----	6	1,094	Anhydrite-----
1,471	121	Gypsum-----	4	1,098	Lime, gray (water)-----
1,485	14	Gypsum and anhydrite--	5	1,103	Lime, gray-----
1,490	5	Gypsum, anhydrite, and lime-----	5	1,108	Lime, gray (water)---
1,492	2	Anhydrite and lime---	34	1,142	Lime, gray-----
1,500	8	Shale, blue-----	9	1,151	Lime, sandy, gray-----
1,618	118	Lime and anhydrite-----	26	1,177	Lime, gray-----
1,620	2	Lime, gray-----	1	1,178	Shale, blue-----
1,622	2	Lime and anhydrite---	3	1,181	Shale, brown-----
1,690	68	Anhydrite and salt---	9	1,190	Gypsum-----
1,738	48	Anhydrite-----	5	1,195	Anhydrite-----
1,762	24	Salt and lime-----	5	1,200	Anhydrite and blue shale-----

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well S-46--Continued

11	2,580	Salt-----	14	1,776	Sand, brown-----
20	2,600	Anhydrite-----	24	1,800	Anhydrite-----
112	2,712	Salt-----	50	1,850	Salt-----
58	2,770	Anhydrite-----	59	1,909	Salt-----
28	2,798	Salt-----	22	1,931	Lime-----
37	2,835	Anhydrite-----	49	1,980	Salt-----
62	2,897	Salt-----	30	2,010	Anhydrite-----
43	2,940	Anhydrite-----	22	2,032	Salt-----
50	2,990	Salt-----	28	2,060	Anhydrite and salt---
20	3,010	Anhydrite-----	4	2,064	Anhydrite-----
38	3,048	Salt-----	95	2,159	Salt-----
8	3,056	Anhydrite-----	6	2,165	Anhydrite-----
26	3,082	Salt-----	130	2,295	Salt-----
12	3,094	Salt and anhydrite---	31	2,326	Anhydrite-----
21	3,115	Anhydrite-----	34	2,360	Anhydrite, fine, hard gray-----
46	3,161	Salt and anhydrite---	95	2,455	Salt-----
45	3,206	Anhydrite-----	15	2,470	Anhydrite-----
29	3,235	Anhydrite and lime---	23	2,493	Salt-----
33	3,268	Lime, gray-----	6	2,499	Anhydrite-----
48	3,316	Anhydrite-----	16	2,515	Salt-----
139	3,455	Salt-----	28	2,543	Anhydrite-----
91	3,546	Lime, white-----	4	2,547	Salt-----
57	3,603	Lime, gray-----	22	2,569	Anhydrite-----

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well S-46--Continued					
Salt-----	82	3,685	Salt and lime-----	32	4,470
Anhydrite and salt----	20	3,705	Lime, gray-----	68	4,538
Lime-----	5	3,710	Salt and lime-----	4	4,542
Lime, gray-----	56	3,766	Lime, gray-----	361	4,903
Salt-----	3	3,769	Salt and lime-----	45	4,948
Lime, gray-----	21	3,790	Lime, gray-----	337	5,285
Salt-----	27	3,817	Lime, black (show of oil from 5,322 to 5,327)-----	52	5,337
Lime-----	3	3,820			
Salt-----	55	3,875	Sand, gray (water from 5,390 to 5,401)-----	159	5,496
Lime-----	35	3,910			
Salt-----	10	3,920	Lime, black-----	5	5,501
Lime-----	112	4,032	Sand, gray-----	34	5,535
Lime, buff-----	18	4,050	Sand, light-gray (water)	8	5,543
Lime-----	53	4,103	Sand, gray-----	81	5,624
Lime and salt-----	17	4,120	Sand, brown-----	7	5,631
Salt-----	8	4,128	Sand, gray-----	2	5,633
Lime, brown-----	5	4,133	Sand, fine, brown-----	5	5,638
Lime, gray-----	247	4,380	Sand, dark-gray-----	12	5,650
Salt and lime-----	48	4,428	Sand, brown-----	3	5,653
Lime, gray-----	10	4,438	Lime, black-----	5	5,658

Well S-51

Owner: W. P. Shannon. Driller: Earl Fisher.

No record-----	228	228	Red beds and rock-----	123	392
Red beds and gypsum---	41	269	Red beds-----	30	422

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well S-51--Continued					
Red beds and gypsum---	14	436	Red beds, gypsum, and anhydrite-----	59	866
Red beds-----	12	448	Red beds-----	168	1,034
Red beds and gypsum---	66	514	Anhydrite and lime----	34	1,068
Anhydrite and red rock	21	535	Anhydrite-----	87	1,155
Red beds-----	27	562	Red beds and gypsum---	62	1,217
Sand-----	30	592	Lime-----	66	1,283
Red rock and sand-----	60	652	Lime, broken-----	57	1,340
Red rock and red beds-	73	725	Shale and anhydrite---	12	1,352
Red rock and anhydrite	45	770	Shale and gypsum-----	14	1,366
Red beds and gypsum---	37	807			

Well S-62

Owner: Ray Hendricks. Driller: Earl Fisher.

Soil-----	16	16	Sand, hard, rock, and anhydrite-----	42	897
Caliche and gravel----	37	53	Red beds-----	50	947
Lime-----	47	100	Red beds and gypsum---	83	1,030
Red beds-----	110	210	Anhydrite-----	8	1,038
Red beds and rock-----	49	259	Gypsum and red beds---	18	1,056
Gravel-----	13	272	Anhydrite-----	39	1,095
Red beds-----	64	336	Gypsum and red beds---	115	1,210
Sandrock and red beds-	62	398	Lime-----	105	1,315
Red beds-----	180	578	Shale, blue, and anhydrite-----	20	1,335
Red beds and gypsum---	262	840			
Red beds-----	15	855			

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well S-65

Owner: Ray Hendricks. Driller: Earl Fisher.

Soil-----	4	4	Red beds-----	58	168
Caliche and gravel----	8	12	Sand, red, and red beds	160	328
Gravel, pea-----	18	30	Red beds-----	14	342
Shale-----	18	48	Sand, coarse-----	83	425
Gravel-----	22	70	Sand and red beds-----	30	455
Shale and gravel-----	40	110			

Well S-66

Owner: Ray Hendricks. Driller: Earl Fisher.

No record-----	124	124	Red beds and gypsum---	45	863
Red beds-----	16	140	Red beds-----	13	876
Sand and red beds-----	60	200	Red beds and gypsum---	119	995
Red beds and sandrock-	43	243	Anhydrite and gypsum--	40	1,035
Red beds, rock, and gypsum-----	77	320	Lime-----	18	1,053
Red beds and sandrock-	94	414	Anhydrite and gypsum--	82	1,135
Red beds and red rock-	115	529	Red beds-----	92	1,227
Red beds and gypsum---	79	608	Red beds and gypsum---	15	1,242
Red beds and sandrock-	83	691	Lime-----	79	1,321
Red beds and gypsum---	71	762	Shale and gypsum-----	49	1,370
Red beds, rock, and gypsum-----	56	818	Lime-----	122	1,492
			Shale-----	8	1,500

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well S-82					
Owner: Betty Hargrove. Driller: Grisham, Hunter, & Meredith.					
Surface-----	18	18	Anhydrite and lime shells-----	88	1,613
Boulders, hard-----	7	25	Anhydrite and hard lime	45	1,658
Gravel (water)-----	75	100	Anhydrite and lime shells-----	56	1,714
Quicksand and shells--	75	175	Anhydrite-----	66	1,780
Sand, hard, and shells	72	247	Salt and streaks of anhydrite-----	124	1,904
Red beds and shells---	65	312	Anhydrite, hard-----	31	1,935
Shells and sand-----	35	347	Salt-----	51	1,986
Red beds, sand, and hard shells-----	160	507	Salt and anhydrite----	52	2,038
Sand, hard, and shells	105	612	Gypsum, sticky-----	51	2,089
Red beds and sand shells-----	120	732	Salt and streaks of gypsum-----	130	2,219
Red beds, sand, and lime shells-----	223	955	Salt and gypsum-----	111	2,330
Lime and broken sand--	12	967	Gypsum, tough-----	36	2,366
Sand, broken, and shells-----	103	1,070	Salt-----	75	2,441
Sand, soft-----	23	1,093	Gypsum and salt-----	79	2,520
Sand-----	12	1,105	Salt, gypsum, and lime	16	2,536
Lime, soft (water)----	149	1,254	Lime shells and gypsum	76	2,612
Lime, broken-----	121	1,375	Salt-----	142	2,754
Sand, hard, and shale-	38	1,413	Gypsum-----	21	2,775
Shale, broken, and shells-----	22	1,435	Shale-----	90	2,865
Shale, broken-----	90	1,525	Gypsum and anhydrite--	27	2,892

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well S-82--Continued					
Anhydrite and salt----	30	2,922	Anhydrite and lime----	39	3,704
Anhydrite-----	20	2,942	Anhydrite and salt----	98	3,802
Salt and anhydrite----	528	3,470	Sand, hard-----	6	3,808
Anhydrite, gypsum, and lime-----	30	3,500	Lime, hard-----	8	3,816
Salt and anhydrite----	70	3,570	Lime and anhydrite----	43	3,859
Anhydrite-----	68	3,638	Lime-----	8	3,867
(Sulfur gas show)-----	2	3,640	Lime, shale, and anhydrite-----	5	3,872
Lime and anhydrite----	10	3,650	Anhydrite, hard-----	28	3,900
Lime, black, and anhydrite-----	15	3,665	Anhydrite and gypsum--	28	3,928

Well T-13--partial log

Owner: State of Texas. Driller: T X L Oil Corp.

Sand and gravel-----	110	110	Sandstone with lime- stone streaks-----	340	1,320
Shale, dark-gray, sili- ceous, arenaceous---	200	310	Shale, dark-gray and red-----	80	1,400
Sandstone, gray, argil- laceous, micaceous, pyritic, fine to coarse-----	80	390	Shale, red-----	50	1,450
Limestone, buff to light-gray (water)--	260	650	Anhydrite-----	30	1,480
Limestone with brown shale streaks-----	90	740	Sandstone, shale, and limestone-----	40	1,520
Limestone-----	70	810	Dolomite-----	85	1,605
Shale, dark-gray-----	80	890	Anhydrite and shale, red and gray-----	65	1,670
Limestone with shale streaks-----	90	980	Limestone-----	80	1,750
			Sandstone-----	30	1,780
			Total depth-----		11,715

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well U-2

Owner: Ben H. Powell, Jr. Driller: Lowery Walker.

Surface-----	6	6	Gravel, sand and clay streaks-----	50	900
Caliche-----	14	20	Gravel and rock streaks	55	955
Gravel and rock-----	100	120	Lime and shale-----	292	1,247
Gravel, rock, and clay	105	225	Lime, shale, and rock-	233	1,480
Gravel and clay-----	170	395	Shale-----	92	1,572
Clay and gravel streaks	455	850			

Well U-13

Owner: L. C. Parks. Driller: --

Gravel-----	43	43	Clay-----	20	320
Boulders-----	76	119	Gravel-----	35	355
Clay-----	26	145	Clay and gravel-----	100	455
Boulders-----	35	180	Gravel-----	72	527
Clay-----	45	225	Clay-----	79	606
Gravel and sand-----	65	290	Gravel-----	57	663
Rock and gravel-----	10	300			

Well U-15

Owner: Joe Browder. Driller: Lowery Walker.

Caliche and rock-----	10	10	Sand, clay, and gravel	8	188
Gravel and sand-----	15	25	Gravel-----	27	215
Gravel and rock-----	98	123	Boulders and gravel---	38	253
Clay and gravel-----	11	134	Gravel and clay-----	62	315
Boulders-----	46	180	Gravel and rock-----	10	325

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well U-15--Continued					
Gravel, sand, and clay	13	338	Gravel-----	170	535
Clay-----	7	345	Gravel and clay-----	100	635
Sand and clay-----	5	350	Clay-----	12	647
Gravel and clay-----	15	365			

Well U-33

Owner: W. E. Moore. Driller: Lowery Walker.

Surface-----	9	9	Clay, boulders, and sand	35	285
Gravel and rock-----	49	58	Clay and boulders-----	3	288
Gravel, rock, and sand	49	107	Sand and gravel-----	9	297
Gravel and boulders---	35	142	Clay and rock-----	6	303
Clay, sandy, gravel, and rock-----	22	164	Sand, gravel, and rock	32	335
Boulders-----	7	171	Clay, sand, and boulders	47	382
Boulders and sandy clay	7	178	Sand, gravel, and rock	28	410
Clay and gravel-----	5	183	Sand, clay, and gravel	13	423
Boulders and gravel---	16	199	Sand and gravel-----	60	483
Gravel and rock-----	6	205	Clay, gravel, and rock	8	491
Boulders-----	8	213	Sand, clay, and gravel	14	505
Clay and boulders-----	2	215	Gravel and boulders---	30	535
Gravel and boulders---	15	230	Sand and gravel-----	74	609
Sand and gravel-----	12	242	Sand, clay, and gravel	8	617
Clay, gravel, and rock	8	250			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well U-39

Owner: W. E. Moore. Driller: Lowery Walker.

No record-----	150	150	Gravel and boulders---	35	385
Gravel-----	42	192	Gravel-----	84	469
Rock-----	32	224	Gravel and sand-----	53	522
Clay and gravel-----	4	228	Gravel-----	98	620
Gravel and rock-----	70	298	Clay and gravel-----	5	625
Gravel-----	52	350	Clay, blue-----	10	635

Well U-40

Owner: Dorothy Harding. Driller: Lowery Walker.

Surface-----	8	8	Clay-----	13	410
Boulders, hard-----	165	173	Gravel and boulders---	20	430
Boulders and gravel---	77	250	Clay-----	12	442
Boulders and clay-----	28	278	Gravel and boulders---	208	650
Clay, sandy-----	32	310	Lime-----	3	653
Gravel and boulders---	87	397			

Well U-41

Owner: Dorothy Harding. Driller: Lowery Walker.

Gravel and rock-----	21	21	Sand and gravel-----	83	378
Boulders-----	19	40	Clay-----	119	497
Gravel and sand-----	106	146	Gravel-----	38	535
Gravel-----	64	210	Clay-----	20	555
Clay-----	18	228	Gravel and boulders---	40	595
Sand and gravel-----	57	285	Lime-----	3	598
Clay-----	10	295			

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well U-48

Owner: J. T. Moore. Driller: Lowery Walker.

Surface rock, caliche, and gravel-----	15	15	Sand, hard-----	10	325
Boulders and gravel---	33	48	Rock, red, and boulders	95	420
Gravel, pea-----	32	80	Boulders-----	15	435
Clay, red, and soft shale-----	80	160	Sand, red rock, and gravel-----	115	550
Clay, red, red rock, and gravel-----	93	253	Limestone, brown and gray, and sand streaks	45	595
Boulders-----	8	261	Clay, red-----	77	672
Rock, red, and hard sand streaks-----	54	315	Limestone, white and gray-----	24	696

Well U-58

Owner: William Gould. Driller: --Norfleet.

Gravel, coarse, volcanic, and boulders-----	16	16	Lava (water at 30 feet)-----	42	58
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Well U-59

Owner: R. C. Slack. Driller: Calvert & McIntyre.

Shale-----	6	6	Gravel and shale-----	8	78
Gravel-----	9	15	Gravel-----	2	80
Gravel and shale-----	14	29	Shale, yellow-----	18	98
Gravel (water)-----	21	50	Gravel, caprock-----	4	102
Shale, yellow-----	20	70	Shale, yellow-----	10	112

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well U-67

Owner: R. A. Moore. Driller: W. W. Hollis.

Soil-----	18	18	Gravel, volcanic, small, angular-----	10	86
Gravel, volcanic, coarse, loose, rounded	23	41	Gravel and boulders, cemented-----	10	96
Gravel, caliche- cemented-----	11	52	Gravel, loose-----	12	108
Sand, fine, well- assorted-----	3	55	Lava, greenish, in part lightly weathered	10	118
Gravel, caliche- cemented-----	5	60	Gravel, coarse, and boulders-----	39	157
Gravel, loose-----	12	72			
Rock (large boulders)-	4	76			

Well U-68

Owner: Texas A. & M. Experimental Station No. 9. Driller: L. W. Stratton.

Soil-----	10	10	Sand and gravel-----	68	132
Loam, sandy-----	10	20	Gravel-----	53	185
Gravel-----	10	30	Sand, brownish (water)	13	198
Clay-----	10	40	Gravel (water 260-302 feet)-----	105	303
Gravel-----	24	64	Shale-----	3	306

Well U-69

Owner: Frank Magee. Driller: --Hughes.

Soil and gravel-----	6	6	Clay and gravel-----	8	185
Gravel, volcanic-----	109	115	Clay, silty, buff-----	5	190
Clay, silty, buff-----	25	140	Gravel, cemented-----	10	200
Gravel, volcanic, loose-----	37	177	Gravel, volcanic, coarse (water)-----	12	212

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well V-7

Owner: W. W. Hill. Driller: Lowery Walker.

Clay-----	9	9	Gravel and sand-----	43	385
Sand, gravel, and boulders-----	15	24	Clay-----	10	395
Gravel and boulders---	46	70	Gravel-----	10	405
Clay-----	35	105	Shale, blue-----	31	436
Gravel and boulders---	20	125	Gravel, and sandy clay	23	459
Clay and boulders-----	20	145	Clay-----	49	508
Sand and gravel-----	5	150	Gravel-----	27	535
Boulders-----	19	169	Clay-----	59	594
Clay-----	4	173	Gravel-----	23	617
Clay and shale-----	32	205	Gravel and sand-----	48	665
Gravel and sand-----	63	268	Gravel-----	5	670
Gravel-----	2	270	Clay-----	62	732
Clay-----	28	298	Shale, blue-----	13	745
Gravel-----	14	312	Sand-----	15	760
Clay-----	2	314	Gravel and shale-----	40	800
Gravel-----	28	342			

Well V-9

Owner: Oscar Mayfield. Driller: Earl Fisher.

Rock-----	60	60	Boulders and gravel---	18	408
Boulders and shale----	50	110	Shale and boulders----	212	620
Shale-----	157	267	Shale, blue-----	64	684
Gravel and shale-----	85	352	Lime-----	23	707
Shale-----	38	390	Lime and gypsum-----	46	753

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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## Well V-11

Owner: Oscar Mayfield. Driller: Lowery Walker.

Surface gravel-----	110	110	Clay, yellow, and gravel	5	625
Clay, blue, and gravel	75	185	Lime-----	24	649
Clay, blue-----	115	300	Clay, yellow, and sand	11	660
Sand and gravel-----	90	390	Lime and shells-----	52	712
Clay, brown, and gravel	60	450	Lime and sand-----	58	770
Shale, blue-----	90	540	Shale, blue-----	22	792
Clay, yellow-----	80	620			

## Well V-34

Owner: J. B. Kirklan. Driller: Lowery Walker.

Surface-----	10	10	Clay, gravel, and sand streaks-----	18	350
Gravel and rock-----	50	60			
Clay-----	114	174	Clay and very small gravel streaks-----	135	485
Gravel and small sand streaks-----	61	235	Clay-----	23	508
Gravel and hard rock--	15	250	Shale, hard-----	42	550
Gravel and clay streaks	30	280	Lime, shale, and gypsum	25	575
Clay and gravel streaks	35	315	Lime, sandy, and anhydrite-----	18	593
Gravel-----	17	332			

## Well V-54

Owner: Graham &amp; Gallemore. Driller: Lowery Walker.

Surface-----	4	4	Sand and clay-----	32	96
Gravel and rock-----	60	64	Sand and gravel-----	22	118

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well V-54--Continued					
Gravel and rock-----	24	142	Sand and clay-----	20	345
Clay and gravel-----	42	184	Clay, blue-----	45	390
Sand and gravel-----	9	193	Gravel-----	36	426
Clay-----	15	208	Clay and gravel-----	47	473
Sand and gravel-----	15	223	Clay-----	22	495
Sand, gravel, and rock	37	260	Sand and gravel-----	75	570
Clay, gravel, and rock	35	295	Clay and gravel-----	5	575
Clay and gravel-----	30	325	Clay-----	15	590

Well V-55

Owner: Graham & Gallemore. Driller: Lowery Walker.

Gravel and boulders---	72	72	Clay and gravel-----	39	345
Clay and gravel-----	40	112	Gravel and boulders---	15	360
Clay-----	14	126	Clay and gravel-----	24	384
Clay and gravel-----	20	146	Sand and gravel-----	21	405
Sand, gravel, and boulders-----	14	160	Clay, sandy, and gravel	40	445
Clay and gravel-----	20	180	Gravel-----	52	497
Sand and gravel-----	20	200	Gravel and boulders---	23	520
Clay and gravel-----	30	230	Clay-----	10	530
Sand and gravel-----	42	272	Gravel and boulders---	28	558
Gravel and boulders---	34	306	Clay-----	52	610

Well V-56

Owner: Graham & Gallemore. Driller: Lowery Walker.

Gravel-----	19	19	Gravel and boulders---	28	47
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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well V-56--Continued					
Sand and gravel-----	8	55	Gravel-----	43	257
Rock and boulders-----	8	63	Sand and gravel-----	83	340
Rock and gravel-----	1	64	Gravel and rock-----	28	368
Gravel and rock-----	2	66	Gravel-----	17	385
Sand, gravel, and boulders-----	18	84	Clay and gravel-----	20	405
Clay-----	10	94	Gravel and boulders---	58	463
Sand and gravel-----	46	140	Clay and gravel-----	112	575
Clay-----	20	160	Rock and gravel-----	11	586
Sand, black, and gravel	50	210	Clay-----	14	600
Sand-----	4	214			

Well V-60

Owner: P. Robertson. Driller: Walker & Stanton.

Surface-----	15	15	Gravel, clay, and sand	30	555
Rock and gravel-----	90	105	Clay-----	25	580
Clay and gravel-----	85	190	Gravel, sand, and clay streaks-----	45	625
Gravel, boulders, and sand-----	55	245	Clay and gravel-----	23	648
Gravel, clay, and sand streaks-----	280	525			

Well V-74

Owner: R. P. Neff. Driller: Lowery Walker.

Surface-----	10	10	Boulders-----	46	71
Sand and gravel-----	15	25	Boulders and clay-----	20	91

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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well V-74--Continued

Clay-----	67	158	Clay, sandy, and lime streaks-----	203	510
Boulders and clay streaks-----	27	185	Lime and gravel-----	25	535
Gravel and clay-----	80	265	Boulders-----	63	598
Lime-----	42	307			

Well V-84

Owner: Robt. D. Bradley. Driller: Pearce and Pate.

No record-----	565	565	Sand and gravel-----	10	622
Shale, blue-----	47	612	Limestone-----	6	628

Well V-90

Owner: F. F. Bradley. Driller: Pate & Fisher.

No record-----	507	507	Red beds and red rock-	8	857
Lime and gypsum-----	43	550	Red beds and sandrock-	190	1,047
Lime and shells-----	20	570	Red beds, shale, and gypsum-----	53	1,100
Sand, white-----	30	600	Rock, red, gypsum, and lime-----	21	1,121
Gypsum-----	32	632	Anhydrite, shale, and gypsum-----	15	1,136
Lime and gypsum-----	18	650	Rock, red, and gypsum-	52	1,188
Shale, blue, and gypsum	20	670	Anhydrite, rock, and gypsum-----	20	1,208
Red beds-----	36	706	Red beds and gypsum---	11	1,219
Shale, blue and gypsum	22	728	Rock, gypsum, and shale	18	1,237
Shale and gypsum-----	33	761			
Lime and gypsum-----	49	810			
Red beds-----	39	849			

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Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well V-90--Continued					
Shale, blue, and red beds-----	27	1,264	Red beds-----	18	1,450
Red beds and gypsum---	36	1,300	Anhydrite and gypsum--	55	1,505
Lime, shale, and shells	7	1,307	Lime, gray-----	50	1,555
Rock and shale-----	26	1,333	Lime, gray, and gypsum	15	1,570
Rock, red, and gypsum-	35	1,368	Lime-----	30	1,600
Lime-----	12	1,380	Gypsum-----	5	1,605
Lime, gypsum, and anhydrite-----	37	1,417	Red beds, anhydrite, and gypsum-----	13	1,618
Red beds and gypsum---	15	1,432	Shale, blue, anhydrite, and gypsum-----	7	1,625

Well V-95

Owner: J. J. Bush Estate. Driller: --

Alluvium, sand, silt, and gravel-----	26	26	Shale, blue-----	211	246
Conglomerate-----	3	29	No record-----	104	350
Limerock-----	1	30	Sand-----	20	370
Clay, yellow-----	5	35			

Well V-96

Owner: J. J. Bush Estate. Driller: --

Soil-----	10	10	Sand, white-----	20	210
Gravel-----	20	30	Shale, gray-----	155	365
Shale, gray-----	45	75	Shale, red-----	10	375
Lime-----	25	100	Shale, gray-----	35	410
Shale, yellow-----	20	120	Shale, black-----	15	425
Sand, yellow-----	70	190	Shale, gray-----	19	444

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well V-103

Owner: W. C. Kerley. Driller: Lowery Walker.

Soil, rock, and gravel	12	12	Shale, yellow-----	35	377
Gravel and small boulders-----	9	21	Sand, black-----	8	385
Sand and gravel-----	13	34	Sand and gravel-----	15	400
Gravel and boulders---	48	82	Shale, brown-----	9	409
Sand and gravel-----	2	84	Sand and gravel-----	14	423
Gravel and sandy clay-	21	105	Sand, gravel, and boulders-----	17	440
Shale and gravel streaks-----	15	120	Sand, fine, black, and gravel-----	20	460
Shale and gravel-----	38	158	Sand, gravel, and boulders-----	30	490
Gravel-----	14	172	Clay and gravel-----	12	502
Clay and gravel-----	9	181	Sand, black-----	6	508
Shale, sandy-----	19	200	Clay, sandy-----	27	535
Sand and gravel-----	27	227	Sand, gravel, and boulders-----	30	565
Gravel, clay, and sand	38	265	Sand, conglomerate, rock, and gravel----	20	585
Shale, yellow-----	12	277	Lime-----	5	590
Sand and gravel-----	24	301			
Clay, gravel, and sand	41	342			

Well V-105

Owner: Toone & Samples. Driller: Lowery Walker.

Boulders and gravel---	40	40	Clay and gravel-----	27	100
Boulders and gravel streaks-----	25	65	Gravel-----	60	160
Clay streaks-----	8	73	Boulders and gravel---	60	220

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well V-105--Continued					
Lime-----	8	228	Sand and gravel-----	170	468
Gravel and lime-----	8	236	Lime and gravel-----	88	556
Sandstone-----	10	246	Lime and sand streaks-	44	600
Gravel, boulders, and lime-----	52	298	Clay-----	40	640

Well V-106

Owner: Toone & Samples. Driller: Lowery Walker.

Surface-----	3	3	Gravel and boulders---	35	320
Caliche and rock-----	3	6	Clay and gravel-----	100	420
Gravel and rock-----	12	18	Clay, sticky-----	22	442
Gravel and boulders---	46	64	Gravel-----	106	548
Clay and gravel-----	29	93	Gravel and boulders---	42	590
Gravel and rock-----	29	122	Limestone and gypsum--	4	594
Clay and gravel-----	163	285			

Well V-107

Owner: Toone & Samples. Driller: Lowery Walker.

Surface-----	15	15	Rock and gravel-----	12	427
Gravel and boulders---	75	90	Sand and gravel-----	13	440
Gravel-----	50	140	Gravel and boulders---	50	490
Gravel and boulders---	4	144	Clay-----	35	525
Boulders-----	18	162	Gravel and boulders---	69	594
Sand and gravel-----	17	179	Gravel and sand-----	13	607
Gravel and boulders---	151	330	Clay and gravel-----	7	614
Gravel and clay streaks	85	415	Clay-----	8	622

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well V-110

Owner: M. G. Singh. Driller: Lowery Walker.

Boulders and gravel---	65	65	Clay-----	31	270
Clay-----	51	116	Gravel, lime, and shale	70	340
Gravel-----	1	117	Clay and gravel-----	20	360
Lime-----	10	127	Gravel and boulders---	40	400
Gravel-----	36	163	Clay-----	58	458
Clay-----	17	180	Sand and gravel-----	29	487
Gravel-----	15	195	Clay, sandy, and gravel	13	500
Clay-----	15	210	Clay-----	7	507
Clay, sandy, gravel, and sand-----	29	239			

Well V-122

Owner: H. R. Honaker. Driller: L. W. Pulley.

Soil-----	3	3	Gravel, volcanic, cemented-----	3	74
Gravel, volcanic-----	45	48	Sand and volcanic gra- vel-----	6	80
Gravel, volcanic, cemented-----	7	55	Gravel, volcanic, cemented-----	20	100
Clay, sandy, silty, fine, buff-----	9	64	Sand, coarse-----	5	105
Gravel, volcanic, cemented-----	3	67	Gravel, volcanic, cemented-----	3	108
Clay, silty, buff-----	4	71			

Well V-146

Owner: The Chandler Co. Driller: Russ Williams.

Sand and gravel-----	55	85	Gravel-----	30	115
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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well V-146--Continued					
Gravel and sand-----	32	147	Limestone, sandy, and shale-----	25	320
Gravel-----	19	166	Shale-----	55	375
Limestone and rock----	16	182	Red beds-----	705	1,080
Rock-----	29	211	Anhydrite and lime----	360	1,440
Shale and rock-----	13	224	Limestone-----	60	1,500
Limestone, sandy-----	71	295			

Well V-147

Owner: The Chandler Co. Driller: Russ Williams.

Shale and sand-----	20	20	Lime, sandy, and red beds-----	54	464
Sand, gravel, and shale	48	68	Lime and red beds-----	33	497
Shale and rock-----	52	120	Red beds-----	536	1,033
Limestone-----	16	136	Anhydrite and lime----	32	1,065
Shale and red rock----	82	218	Anhydrite and gypsum--	25	1,090
Shale and lime-----	124	342	Lime and anhydrite----	55	1,145
Rock, sandy, shale, and red beds-----	26	368	Lime, gray-----	175	1,320
Red beds and shells---	35	403	Lime, gray, and gypsum streaks-----	78	1,398
Lime, sandy-----	7	410	Anhydrite and dolomite	52	1,450

Well V-149

Owner: The Chandler Co. Driller: Russ Williams.

Sand and gravel-----	50	50	No record-----	25	151
Shale-----	41	91	Lime, gravel, and sand	82	223
Shale and sand-----	35	126	Gravel-----	102	335

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well V-149--Continued					
Shale-----	45	380	Red beds-----	333	1,083
Shale and lime-----	55	435	Anhydrite-----	201	1,284
Shale-----	180	615	Anhydrite and sand----	76	1,360
Shale and red beds----	135	750	Anhydrite and dolomite	140	1,500

Well V-155

Owner: L. E. Boyd. Driller: --

Soil-----	7	7	Clay, yellow-----	32	143
Gravel-----	43	50	Gravel-----	6	151
Clay, yellow-----	15	65	Sand (water)-----	6	157
Rock, red-----	7	72	Gravel-----	13	170
Gravel-----	12	84	Sand (water)-----	60	230
Clay, yellow-----	6	90	Clay, yellow-----	50	280
Gravel-----	6	96	Sand (water)-----	9	289
Clay, yellow-----	11	107	Rock-----	3	292
Gravel (water)-----	6	113	Sand (water)-----	8	300

Well V-160

Owner: R. V. Turnbough. Driller: Calvert & McIntyre.

Gravel and boulders---	119	119	Gravel and shale-----	26	360
Sand and gravel (water)	22	141	Gravel-----	22	382
Clay, yellow, and gravel	8	149	Gravel and shale-----	80	462
Sand and gravel (water)	51	200	Gravel-----	56	518
No record-----	82	282	Shale, yellow-----	34	552
Gravel-----	52	334	Shale, blue-----	48	600

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well V-161

Owner: Garland Rowe. Driller: Calvert & McIntyre.

No record-----	282	282	Gravel and yellow shale	25	505
Shale and gravel-----	28	310	Shale, blue-----	25	530
Gravel-----	15	325	Shale-----	35	565
Gravel and shale-----	142	467	Lime, gray-----	35	600
Gravel-----	13	480			

Well V-162

Owner: Balmorhea Ranches, Inc. Driller: C. & H. Drilling Co.

Soil-----	6	6	Gravel-----	30	260
Gravel-----	19	25	Clay and gravel-----	10	270
Boulders-----	20	45	Clay-----	10	280
Boulders and clay-----	57	102	Gravel-----	5	285
Clay-----	8	110	Clay, mixed-----	25	310
Boulders-----	30	140	Gravel and sand-----	7	317
Clay-----	10	150	Clay-----	2	319
Boulders-----	5	155	Sand and gravel-----	16	335
Sand and gravel (water)	5	160	Clay-----	40	375
Clay-----	10	170	Gravel-----	15	390
Boulders-----	10	180	Clay-----	15	405
Clay-----	10	190	Gravel and boulders---	23	428
Gravel-----	10	200	Clay and boulders-----	17	445
Boulders-----	5	205	Boulders-----	100	545
Gravel-----	10	215	Gravel-----	60	605
Clay-----	15	230	Clay-----	8	613

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well V-163

Owner: Balmorhea Ranches, Inc. Driller: C. & H. Drilling Co.

Soil-----	15	15	Sand and gravel-----	15	180
Boulders-----	10	25	Clay-----	25	205
Clay-----	5	30	Gravel and boulders---	10	215
Gravel-----	20	50	Clay and boulders-----	10	225
Clay and boulders----	15	65	Clay-----	15	240
Boulders-----	20	85	Conglomerate-----	40	280
Clay-----	5	90	Gravel-----	10	290
Boulders-----	10	100	Clay and boulders----	10	300
Clay-----	20	120	Clay-----	155	455
Sand and gravel (water)	5	125	Gravel and clay-----	40	495
Clay-----	15	140	Gravel-----	90	585
Gravel (water)-----	5	145	Clay-----	45	630
Boulders-----	15	160	Lime-----	74	704
Boulders and clay-----	5	165			

Well W-3

Owner: H. T. Collier. Driller: Clyde Simmons.

Soil-----	1	1	Sand, dry-----	7	91
Rock-----	24	25	Rock-----	3	94
Boulders-----	5	30	Sand, coarse (water)--	3	97
Rock-----	48	78	Rock-----	6	103
Sand, dry-----	2	80	Sand and gravel, dry--	12	115
Rock-----	4	84			

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well W-8

Owner: W. H. Holcombe. Driller: --

Soil-----	1	1	Sand and clay-----	45	105
Gravel-----	15	16	Sand and gravel (water)	10	115
Clay, sandy-----	24	40	Clay, tan-----	12	127
Sandstone-----	20	60			

Well W-12

Owner: Barilla Farms. Driller: R. P. Morrison

Clay-----	70	70	Clay, yellow-----	11	460
Sand and gravel (water)	5	75	Rock, red-----	25	485
Clay-----	25	100	Lime and shell-----	5	490
Quicksand and gravel (water)-----	6	106	Gumbo, red-----	20	510
Clay-----	44	150	Gumbo, brown, and shell	50	560
Quicksand and gravel (water)-----	4	154	Lime, sandy, hard-----	4	564
Clay and gumbo-----	96	250	Sand, soft (water)-----	26	590
Gumbo, blue-----	50	300	Gumbo, red, and shells	39	629
Quicksand and gravel--	10	310	Sand, hard, red, and streaks of soft red mud-----	466	1,095
Clay, yellow-----	35	345	Lime and shell, hard--	8	1,103
Sand (water)-----	5	350	Lime and anhydrite----	81	1,184
Clay, yellow-----	60	410	Red beds, soft-----	34	1,218
Quicksand and gravel (water)-----	30	440	Lime and anhydrite----	53	1,271
Clay, yellow-----	7	447	Limestone, sandy, broken (flowing water at 1,276 feet)-----	69	1,340
Sand (show of oil and gas)-----	2	449	Lime and anhydrite----	12	1,352

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

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

Lime, broken, sand, and red rock-----	13	1,365	Shale, blue-----	6	1,386
Lime, hard, broken----	7	1,372	Anhydrite-----	14	1,400
Sand (small increase in flow of water)---	8	1,380			

Well W-14

Owner: T. Wheelis. Driller: Earl Fisher.

Caliche-----	10	10	Gravel-----	62	200
Shale-----	8	18	Shale, gravel, and sandstone-----	195	395
Shale and sandstone---	57	75	Red beds-----	15	410
Sand-----	21	96			
Shale, sandy-----	42	138			

Well W-15

Owner: T. Wheelis. Driller: Earl Fisher.

Soil-----	6	6	Sand and gravel-----	44	168
Caliche and gravel----	6	12	Shale, sandy-----	32	200
Shale-----	22	34	Red beds-----	122	322
Sandstone and shale---	90	124			

Well W-16

Owner: T. Wheelis. Driller: Earl Fisher.

Caliche-----	11	11	Shale and gravel-----	79	267
Shale and sandstone---	47	58	Shale and red-bed streaks-----	8	275
Shale-----	102	160	Red beds-----	10	285
Sand and gravel-----	28	188			

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well W-18

Owner: R. J. Yarbrough. Driller: Earl Fisher.

Soil-----	8	8	Gravel-----	12	200
Gravel-----	17	25	Shale and gravel-----	148	348
Shale and sandstone---	49	74	Gravel-----	8	356
Sand-----	18	92	Red beds-----	111	467
Shale and gravel-----	96	188			

Well W-20

Owner: R. J. Yarbrough. Driller: Earl Fisher.

Caliche-----	15	15	Shale, sandy, and gravel	108	260
Shale-----	103	118	Shale-----	20	280
Sand and gravel-----	32	150	Shale, gravel, and sandstone-----	74	354
Sandstone-----	2	152	Red beds-----	4	358

Well W-21

Owner: R. J. Yarbrough. Driller: Earl Fisher.

Caliche-----	20	20	Shale-----	32	220
Sandstone and sand----	38	58	Shale and gravel-----	38	258
Gravel and sand-----	52	110	Gravel-----	18	276
Shale, sandy-----	68	178	Shale and gravel-----	64	340
Gravel-----	10	188	Red beds-----	10	350

Well W-52

Owner: J. R. Wilson. Driller: --

Clay and gravel-----	2	2	Rock, hard-----	13	15
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Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well W-52--Continued

Clay and gravel, tan to red-----	60	Gravel, coarse-----	4
Shale, sandy, coarse--	25	No record-----	26
	75		104
	100		130

Well W-60

Owner: E. G. Bowles. Driller: Penn Oil Co.

Caliche and gravel----	40	Rock, red-----	95
Sand and clay-----	10	Anhydrite-----	25
Clay, yellow, and gravel-----	30	Rock, red-----	10
	80		945
Clay, yellow-----	25	Anhydrite and lime----	110
Shale, sandy, red-----	10	Rock, red-----	15
Sandrock, brown-----	15	Anhydrite and lime----	10
Rock, red-----	10	Lime, sandy-----	110
	140		1,190
Sand and gravel-----	15	Shale, blue and red---	20
Rock, red-----	20	Anhydrite-----	10
	175		1,220
Sand (water)-----	45	Shale, blue-----	30
Rock, red-----	3	Lime, sandy-----	65
	223		1,315
Sand (Rainbow oil)----	3	Shale, blue-----	5
Rock, red, and shells-	114	Lime-----	10
	340		1,330
Sand, red, and shale--	50	Shale, blue-----	5
	390		1,335
Sand-----	10	Lime-----	25
	400		1,360
Shale, sandy, red-----	15	Rock and shale, red---	20
	415		1,380
Rock, red-----	10	Sand-----	3
	425		1,383
Shale, sandy, red-----	390	Shale, red, and anhydrite-----	12
	815		1,395

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well W-60--Continued					
Gypsum and anhydrite--	55	1,450	Lime, gray, and anhydrite-----	35	2,360
Gypsum, red and white-	10	1,460	Salt and anhydrite----	10	2,370
Shale, blue-----	5	1,465	Salt-----	40	2,410
Anhydrite and lime----	25	1,490	Salt, gypsum, and anhydrite-----	30	2,440
Shale, blue-----	5	1,495	Anhydrite-----	125	2,565
Gypsum, anhydrite, and lime-----	75	1,570	Salt-----	25	2,690
Shale, blue, and anhydrite-----	5	1,575	Anhydrite-----	120	2,710
Anhydrite-----	10	1,585	Anhydrite and fine white sand-----	15	2,725
Shale, blue-----	5	1,590	Anhydrite and lime----	25	2,750
Anhydrite and lime----	70	1,660	Salt-----	35	2,785
Mud, red-----	5	1,665	Anhydrite-----	35	2,820
Gypsum, lime, and anhydrite-----	60	1,725	Salt and anhydrite----	20	2,840
Salt and anhydrite----	185	1,910	Anhydrite-----	15	2,855
Lime-----	25	1,935	Salt-----	15	2,870
Salt-----	110	2,045	Anhydrite-----	15	2,885
Anhydrite-----	40	2,085	Salt-----	145	3,030
Salt and anhydrite----	130	2,215	Anhydrite-----	10	3,040
Salt-----	20	2,235	Salt-----	15	3,055
Anhydrite-----	30	2,265	Lime, gray-----	20	3,075
Salt-----	10	2,275	Salt-----	70	3,145
Salt and anhydrite----	15	2,290	Lime and dark sand----	20	3,165
Anhydrite-----	35	2,325	Anhydrite and salt----	15	3,180

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well W-60--Continued					
Salt-----	375	3,555	Lime, gray, and anhydrite-----	425	5,095
Lime, gray-----	95	3,650	Lime, gray-----	19	5,114
Lime, black-----	10	3,660	Lime, light, and anhydrite-----	6	5,120
Salt-----	80	3,740	Lime, gray, and anhydrite-----	14	5,134
Lime, gray-----	90	3,830	Lime, gray (small a- mount of oil)-----	41	5,175
Salt-----	80	3,910	Lime, gray, and gypsum	2	5,177
Lime, gray and black--	55	3,970	Lime, light-gray and dark, and gypsum----	23	5,200
Lime, gray-----	140	4,110	Gypsum and sand-----	11	5,211
Anhydrite, gypsum, and lime-----	25	4,135	Lime, dark-----	11	5,222
Lime, gray-----	45	4,180	Sand and lime-----	30	5,252
Lime, anhydrite-----	85	4,265	Lime and shale-----	89	5,341
Lime-----	130	4,395	Sand-----	25	5,366
Salt-----	30	4,425	Sand and lime-----	17	5,383
Anhydrite and dark lime-----	15	4,440	Sand-----	74	5,457
Lime and anhydrite----	60	4,500	Shale and sand (slight show of gas at 5,515 feet)-----	18	5,475
Lime, gray, and anhydrite-----	20	4,520	Sand (hole full of water)-----	137	5,612
Lime, gray-----	70	4,590			
Lime and anhydrite----	80	4,670			

## Well W-65

Owner: P. G. Northrup, et al. Driller: Gulf Oil Corp.

Lime and gravel-----	450	450	Shale, red, and sand- stone-----	690	1,140
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(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well W-65--Continued					
Anhydrite-----	160	1,300	Salt and anhydrite----	1,560	4,250
Dolomite-----	350	1,650	Anhydrite and lime----	950	5,200
Anhydrite-----	520	2,170	Lime, shaly-----	20	5,220
Anhydrite and red sandstone-----	520	2,690	Shale and sandstone---	147	5,367

Well W-81

Owner: --Ellison. Driller: Lowery Walker.

Surface-----	15	15	Shale, red, and anhydrite-----	95	835
Boulders and gravel---	27	42	Red beds-----	174	1,009
Gravel-----	28	70	Gypsum-----	26	1,035
Clay-----	30	100	Gypsum and lime streaks	36	1,071
Gravel and sand-----	36	136	Gypsum-----	12	1,083
Clay and gravel streaks	105	241	Red beds and shale----	11	1,094
Clay and gravel-----	59	300	Anhydrite and lime----	24	1,118
Sand and gravel-----	10	310	Red beds and lime----	14	1,132
Clay and gravel-----	3	313	Anhydrite and lime----	38	1,170
Clay and sand-----	20	333	Shale, red, and anhydrite-----	55	1,225
Boulders-----	32	365	Lime-----	17	1,242
Clay and red sandstone	15	380	Dolomite-----	78	1,320
Clay and sandrock-----	2	382	Shale, blue, and sand-	14	1,334
Sandstone, red-----	38	420	Anhydrite and gypsum--	11	1,345
Sand, red, and lime streaks-----	10	430	Lime and dolomite-----	35	1,380
Sandstone, red-----	72	502	Lime-----	10	1,390
Red beds-----	238	740			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well W-87

Owner: Paul Davidson. Driller: Earl Fisher.

Soil-----	2	2	Gravel and sand-----	13	263
Caliche and boulders--	16	18	Shale, red-----	11	274
Shale, sandy, and gravel-----	39	57	Shale, gray-----	6	280
Shale, sandrock, and gravel-----	58	115	Shale, blue-----	13	293
Gravel-----	11	126	Shale, yellow, sand, and gravel-----	109	402
Shale and gravel-----	60	186	Shale, blue, and sand- stone-----	10	412
Gravel-----	11	197	Lignite, gravel, and black sand-----	39	451
Shale-----	53	250	Red beds-----	8	459

Well W-96

Owner: Joe Boswell. Driller: Earl Fisher.

Surface-----	3	3	Malpais* and lime-----	52	330
Rock and gravel-----	8	11	Lime-----	8	338
Boulders, gravel, and little shale-----	71	82	Red beds and rock-----	184	522
Clay-----	24	106	Red beds, shells, and red sandrock-----	54	576
Clay, gravel, and rock	41	147	Red beds-----	29	605
Caliche-----	16	163	Red beds, streaks of rock, gypsum, and sandy lime-----	78	683
Rock, boulders, and gypsum-----	42	205	Red beds and gypsum---	276	959
Gypsum, shale, and shells-----	39	244	Anhydrite and gypsum--	26	985
Lime, broken-----	34	278	Red beds-----	8	993

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well W-96--Continued					
Anhydrite and lime----	20	1,013	Anhydrite, gypsum, red beds, and lime-----	25	1,163
Anhydrite and gypsum--	85	1,098	Lime-----	102	1,265
Red beds and gypsum---	25	1,123	Lime and gypsum-----	24	1,289
Gypsum-----	15	1,138	Gypsum and shale-----	5	1,294

\*See footnote at end of table.

Well W-114

Owner: Balmorhea Ranches, Inc. Driller: C. & H. Drilling Co.

Soil-----	3	3	Lime-----	25	185
Gravel and boulders---	57	60	Clay-----	108	293
Clay and boulders-----	78	138	Gravel-----	31	324
Gravel-----	7	145	Red beds-----	46	370
Lime-----	7	152	Gravel and lime-----	12	382
Clay-----	8	160	Clay-----	28	410

Well W-116

Owner: Rudolf Hoefs. Driller: L. F. Buchanan.

Topsoil-----	15	15	Limestone, gray-----	108	202
Boulders-----	63	78	Limestone, marly and sandy in part (water)	7	209
Silt, calcareous, buff	7	85	Sand, brown-----	3	212
Limestone, light-gray to cream-----	9	94	Limestone, gray, and thin sandy beds-----	98	310

Well X-8

Owner: A. L. Weddle. Driller: --

Soil-----	5	5	Gravel, volcanic-----	15	20
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Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well X-8--Continued

Limestone, hard, gray (travertine or caliche)-----	18	38	Gravel, volcanic-----	2	40
			Limestone-----	1	41

Well X-9

Owner: Fred Stroode, Jr. Driller: --

Soil, black-----	1	1	Sand and gravel-----	5	33
Clay and loose boulders	13	14	Limestone-----	1	34
Sandstone-----	14	28			

Well X-10

Owner: M. C. Clifton. Driller: --

Gravel-----	16	16	Conglomerate (water)--	7	34
Chalk rock (caliche)--	3	19	Limestone, marly-----	20	54
Gravel-----	8	27			

Well X-15

Owner: H. H. Toone. Driller: --Mulligan.

Soil-----	5	5	No record-----	12	261
Sand and gravel-----	15	20	Sand and gravel-----	30	291
Gravel-----	117	137	Limestone, blue-----	62	353
Sand and gravel-----	26	163	Limestone, brown, and gravel-----	18	371
Sand, gravel, and boulders-----	10	173	Limestone, broken, brown-----	9	380
Sand and gravel-----	3	176	Limestone, white-----	12	392
Lime-----	9	185	Limestone (water)-----	13	405
Sand and gravel-----	64	249			

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well X-15--Continued					
Limestone, white-----	48	453	Limestone, broken, gray, and black shale-----	6	738
Limestone, yellow-----	7	460	Shale, black, and lime shells-----	43	781
Limestone, white-----	10	470	Shale, blue, and lime shells-----	51	832
Limestone, yellow (water)-----	17	487	Shale, blue-----	3	835
Limestone, gray-----	11	498	Shale, black, and limestone-----	12	847
Limestone, blue-----	21	519	Limestone-----	18	865
Limestone, gray-----	31	550	Sand (water)-----	7	872
Limestone, broken, gray or brown-----	13	563	Shale, blue-----	17	889
Limestone, blue-----	6	569	No record-----	6	895
Limestone, yellow-----	18	587	Limestone-----	5	900
Limestone, gray-----	7	594	Limestone, shells, and shale-----	18	918
Limestone, blue-----	59	653	Limestone and shale---	37	955
Limestone, broken, and blue shale-----	12	665	Sand and shale-----	5	960
Shale, blue-----	28	693	Sand, fine, white-----	22	982
Shale, black-----	27	720	Limestone, gray-----	28	1,010
Limestone, blue-----	7	727			
Shale, black-----	5	732			

Well Y-2

Owner: Balmorhea Ranches, Inc. Driller: C. & H. Drilling Co.

Soil-----	20	20	Boulders-----	26	90
Boulders, dry-----	30	50	Gravel-----	10	100
Clay-----	14	64	Clay-----	35	135

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Y-2--Continued					
Sand and gravel (water)	5	140	Boulders-----	60	290
Gravel (water)-----	8	148	Clay-----	2	292
Clay-----	10	158	Boulders-----	5	297
Boulders-----	11	169	Clay-----	93	390
Clay-----	2	171	Gravel and boulders---	13	403
Boulders and gravel---	22	193	Clay-----	32	435
Clay-----	2	195	Clay, blue-----	40	475
Boulders-----	5	200	Clay, pink-----	5	480
Gravel-----	10	210	Gravel-----	63	543
Clay-----	20	230	Lime, white-----	4	547

Well Y-3

Owner: Balmorhea Ranches, Inc. Driller: C. & H. Drilling Co.

Soil-----	20	20	Clay-----	32	230
Boulders-----	30	50	Boulders, hard-----	10	240
Clay-----	15	65	Clay and boulders----	15	255
Boulders-----	25	90	Boulders and gravel--	20	275
Clay-----	10	100	Clay-----	5	280
Boulders-----	34	134	Gravel and boulders--	20	300
Sand, gray, and gravel (water)-----	11	145	Clay-----	20	320
Sand-----	5	150	Gravel-----	10	330
Clay-----	5	155	Clay-----	4	334
Sand, gray-----	15	170	Gravel, hard-----	6	340
Boulders-----	28	198	Clay-----	3	343

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well Y-4

Owner: Balmorhea Ranches, Inc. Driller: C. & H. Drilling Co.

Soil-----	3	3	Boulders-----	10	312
Boulders-----	47	50	Clay-----	30	342
Boulders and clay-----	10	60	No record-----	8	350
Boulders-----	35	95	Clay, pink-----	20	370
Clay-----	10	105	Gravel-----	10	380
Boulders-----	10	115	Clay-----	17	397
Clay-----	15	130	Conglomerate, fine-----	8	405
Boulders (water)-----	30	160	Clay, pink-----	15	420
Boulders and gravel---	10	170	Conglomerate-----	10	430
Clay-----	14	184	Clay, pink-----	25	455
Boulders and sand-----	5	189	Clay, blue-----	30	485
Clay-----	8	197	Conglomerate, hard-----	17	502
Boulders-----	13	210	Clay, pink-----	4	506
Clay-----	17	227	Conglomerate-----	44	550
Boulders-----	15	242	No record-----	25	575
Clay and boulders-----	13	255	Conglomerate-----	5	580
Boulders-----	8	263	Clay, red-----	23	603
Clay-----	1	264	Clay, blue-----	2	605
Boulders-----	36	300	Conglomerate, hard-----	6	611
Clay-----	2	302			

Well Y-5

Owner: Balmorhea Ranches, Inc. Driller: C. & H. Drilling Co.

Soil-----	10	10	Boulders-----	46	56
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Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Y-5--Continued					
Clay-----	5	61	Boulders-----	5	313
Boulders-----	36	97	Clay and boulders-----	37	350
Clay-----	28	125	Clay-----	7	357
Boulders (water)-----	29	154	Gravel-----	5	362
Clay-----	16	170	Clay-----	21	383
Boulders-----	6	176	Conglomerate and hard gravel-----	12	395
Clay-----	5	181	Clay, pink-----	35	430
Gravel-----	6	187	Conglomerate and gravel	10	440
Clay and boulders-----	9	196	Clay, pink-----	23	463
Gravel-----	7	203	Clay, blue-----	14	477
Clay-----	13	216	Conglomerate-----	48	525
Gravel and boulders---	14	230	Clay and gravel-----	25	550
Clay-----	10	240	Clay, red-----	30	580
Gravel-----	5	245	Gravel-----	5	585
Clay-----	5	250	Clay, blue-----	19	604
Boulders-----	53	303			
Clay-----	5	308			

Well Y-8

Owner: Balmorhea Ranches, Inc. Driller: C. & H. Drilling Co.

Soil-----	18	18	Clay-----	50	150
Boulders and clay-----	12	30	Gravel (water)-----	15	165
Boulders and gravel, dry-----	20	50	Clay-----	21	186
Gravel, dry-----	50	100	Boulders-----	14	200

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Y-8--Continued					
Clay and boulders-----	5	205	Clay-----	17	432
Clay-----	8	213	Gravel-----	13	445
Boulders, hard-----	37	250	Clay and gravel-----	75	520
Gravel, sand, and boulders-----	55	305	Gravel-----	47	567
Clay and boulders-----	15	320	Clay and gravel-----	33	600
Clay-----	27	347	Gravel-----	15	615
Clay and sand-----	43	390	Clay and gravel-----	165	780
Clay-----	12	402	Lime-----	10	790
Gravel-----	13	415			

Well Y-9

Owner: Balmorhea Ranches, Inc. Driller: C. & H. Drilling Co.

Soil-----	10	10	Clay-----	20	400
Boulders-----	101	111	Gravel and boulders---	20	420
Clay and gravel-----	9	120	Clay-----	15	435
Clay-----	20	140	Boulders-----	12	447
Boulders-----	110	250	Clay, blue-----	18	465
Clay-----	10	260	Clay, brown-----	20	485
Boulders-----	30	290	Conglomerate-----	10	495
Clay and boulders-----	10	300	Clay, brown-----	35	530
Conglomerate-----	20	320	Gravel-----	10	540
Clay-----	46	366	Boulders, hard-----	33	573
Boulders-----	8	374	Limestone, white-----	176	749
Gravel-----	6	380	Limestone, blue-----	8	757

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Y-9--Continued					
Limestone, gray-----	75	832	Limestone, broken-----	13	910
Limestone, blue-----	23	855	Limestone, blue-----	40	950
Limestone, broken-----	30	885	Clay, blue-----	50	1,000
Limestone, blue-----	12	897			

Well Y-13

Owner: Balmorhea Ranches, Inc. Driller: C. & H. Drilling Co.

Soil-----	10	10	Clay, sandy-----	6	270
Boulders-----	30	40	Sand and gravel-----	10	280
Clay and boulders-----	80	120	Clay-----	3	283
Clay-----	33	153	Gravel-----	22	305
Gravel (water)-----	4	157	Clay-----	1	306
Boulders-----	15	172	Clay, pink-----	34	340
Clay and boulders-----	6	178	Gravel and boulders---	5	345
Boulders-----	8	186	Clay-----	12	357
Clay-----	2	188	Boulders and gravel---	23	380
Boulders-----	3	191	Clay, pink-----	25	405
Clay-----	2	193	Gravel-----	12	417
Boulders-----	20	213	Clay, brown-----	33	450
Clay-----	10	223	Clay, blue-----	40	490
Boulders-----	25	248	Gravel-----	85	575
Clay-----	6	254	Clay, red-----	20	595
Gravel-----	10	264	Lime-----	5	600

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well Y-14

Owner: Balmorhea Ranches, Inc. Driller: C. & H. Drilling Co.

Soil-----	15	15	Conglomerate-----	5	320
Gravel and boulders---	35	50	Clay and boulders-----	40	360
Clay and boulders-----	95	145	Clay-----	12	372
Clay, sandy (water)---	3	148	Boulders and gravel---	31	403
Clay-----	17	165	Clay-----	36	439
Boulders, hard-----	36	201	Gravel-----	151	590
Clay, brown-----	39	240	Clay-----	35	625
Sand and gravel-----	20	260	Gravel-----	15	640
Clay-----	5	265	Clay-----	6	646
Boulders, hard-----	10	275	Gravel-----	51	697
Gravel and boulders---	23	298	Clay-----	6	703
Clay-----	17	315			

Well Y-17

Owner: L. E. Boyd. Driller: Hayvanor Drilling Co.

Clay-----	10	10	Gravel and clay streaks	30	195
Boulders-----	20	30	Gravel and boulders---	15	210
Gravel and boulders---	20	50	Boulders-----	10	220
Rock-----	20	70	Rocks and gravel-----	10	230
Rocks and gravel-----	15	85	Boulders-----	35	265
Gravel and clay streaks	15	100	Boulders and clay streaks-----	35	300
Boulders and gravel---	20	120	Gravel-----	45	345
Clay and gravel-----	20	140	Clay-----	5	350
Gravel-----	25	165			

Table 8.--Drillers' logs of wells in Reeves County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well Y-22

Owner: J. Oates. Driller: Calvert & McIntyre.

No record-----	363	363	Gravel and shale-----	18	510
Gravel-----	27	390	Lime, gray-----	10	520
Gravel and shale-----	10	400	Lime-----	10	530
Shale, yellow-----	75	475	Lime, gray-----	34	564
Gravel-----	17	492			

Well Y-24

Owner: J. Oates. Driller: Calvert & McIntyre.

Soil-----	3	3	Lime, sandy-----	25	345
Caliche-----	3	6	Shale, black-----	10	355
Lime-----	69	75	Sand, hard, and lime--	9	364
Lime, gray-----	45	120	Shale, blue-----	8	372
Lime, blue-----	50	170	Shale, gray-----	3	375
Shale, gray, and lime-	16	186	Lime, hard-----	8	383
Lime, gray, and shale-	30	216	Lime, gray-----	16	399
Lime, broken, and sand	9	225	Lime, gray, and sand--	21	420
Shale, black-----	32	257	Sand and lime-----	12	432
Lime, sandy-----	5	262	Sand, hard-----	9	441
Lime, gray-----	6	268	Sand and lime-----	19	460
Shale, blue-----	2	270	Sand, white-----	34	494
Shale, gray-----	42	312	Lime, gray-----	4	498
Lime, blue-----	8	320			

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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## Well Y-28

Owner: W. G. Locker. Driller: L. W. Stratton.

No record-----	440	440	Sandstone and shale breaks-----	17	514
Sand, white-----	15	455	Shale, gray-----	4	518
Shale, blue-----	3	458	Shale and rock, red---	28	546
Sand, hard-----	10	468	Shale, brown, and red rock-----	3	549
Sandstone-----	2	470	Rock, red-----	16	565
Shale, blue, and sandstone-----	5	475	Shale, blue-----	40	605
Shale, blue-----	12	487	Red beds-----	10	615
Shale, gray-----	6	493			
Sand, hard-----	4	497			

## Well Y-29

Owner: W. G. Locker. Driller: L. W. Stratton.

No record-----	445	445	Anhydrite-----	43	1,107
Sand, white-----	59	504	Shale-----	8	1,115
Shale, white, and lime	11	515	Anhydrite-----	10	1,125
Shale, red-----	37	552	Anhydrite and lime, gray-----	31	1,156
Red beds-----	2	554	Limestone, gray-----	47	1,203
Shale, blue-----	6	560	Shale, red, and anhydrite-----	60	1,263
Sand (water)-----	7	567	Shale, brown, and anhydrite-----	5	1,268
Sand, gray-----	3	570	Limestone and anhydrite	10	1,278
Sand, red-----	10	580	Limestone, gray-----	9	1,287
Conglomerate-----	102	682			
Red beds-----	382	1,064			

(Continued on next page)

Table 8.--Drillers' logs of wells in Reeves County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Y-29--Continued					
Limestone, brown-----	39	1,326	Limestone, blue-----	11	1,375
Limestone, gray-----	38	1,364	Limestone-----	6	1,381

Well Y-33

Owner: Carl Hoefs. Driller: L. F. Buchanan.

Soil, loamy, gray-----	4	4	Clay, yellow-----	5	70
Clay, red, and pebbles	7	11	Limestone and marl (water)-----	130	200
Clay and coarse gravel	54	65			

Well Y-37--partial log

Owner: Ed Horshenson. Driller: L. O. White.

Limestone-----	82	82	Red beds-----	20	1,270
Shale, blue-----	28	110	Limestone-----	144	1,414
Limestone-----	27	137	Anhydrite-----	6	1,420
Shale, blue-----	144	281	Limestone-----	70	1,490
Limestone-----	41	322	Anhydrite-----	20	1,510
Sandstone-----	69	391	Limestone-----	37	1,547
Limestone-----	19	410	Shale, blue-----	13	1,560
Shale, white-----	40	450	Red beds and chalk----	20	1,580
Red beds-----	222	672	Sand, red-----	20	1,600
Sandstone, red (water)	28	700	Gypsum-----	30	1,630
Red beds-----	80	780	Limestone-----	10	1,640
Red beds and limestone streaks-----	70	850	Anhydrite and limestone streaks-----	960	2,600
Red beds-----	273	1,123	Total depth-----		5,044
Anhydrite-----	127	1,250			

\*Malpais: compact or vesicular basalt.

TABLE 9

DRILLERS' LOGS OF WELLS  
IN  
SOUTHWESTERN WARD COUNTY

Table 9.--Drillers' logs of wells in southwestern Ward County

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well G-7

Owner: G. Q. Avary. Driller: Bill Huckabee.

Surface sand-----	2	2	Rock, red-----	120	140
Lime, white-----	18	20	Sandrock, red-----	25	165

Well H-10--partial log

Owner: Troy Eiland. Driller: R. F. Owen.

Sand, red-----	8	8	Lime, sandy-----	78	978
Gravel (water)-----	2	10	Chalk-----	4	982
Sand, red-----	135	145	Shale, blue-----	8	990
Rock, red, and blue shale-----	5	150	Rock, red-----	35	1,025
Rock, red-----	150	300	Lime, gray-----	87	1,112
Rock, red, and blue shale-----	50	350	Slate, blue-----	78	1,190
Lime, brown-----	20	370	Shale, sandy-----	20	1,210
Rock, red-----	5	375	Slate, blue-----	10	1,220
Rock, red, and potash-	5	380	Lime, gray-----	25	1,245
Lime and shells-----	55	435	Slate, blue-----	10	1,255
Lime, sandy-----	15	450	Lime, gray-----	3	1,258
Rock, red, and lime---	210	660	Rock, red-----	32	1,290
Rock, red-----	40	700	Sandstone, red-----	5	1,295
Rock, red, lime, and shells-----	105	805	Sand, red, and chalk--	5	1,300
Shale, red-----	32	837	Lime, sandy-----	25	1,325
Rock, red-----	48	885	Chalk, sandy, and lime	15	1,340
Anhydrite-----	15	900	Potash and red rock---	10	1,350
			Slate, blue-----	5	1,355

(Continued on next page)

Table 9.--Drillers' logs of wells in southwestern Ward County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well H-10--Continued					
Potash-----	5	1,360	Anhydrite-----	15	1,390
Anhydrite-----	10	1,370	Limerock-----	10	1,400
Potash-----	5	1,375	Total depth-----		5,500

Well H-11

Owner: Troy Eiland. Driller: Bill Tipton.

Soil-----	10	10	Clay-----	114	396
Sand and gravel (water)	18	28	Sandstone-----	4	400
Clay-----	3	31	Clay-----	45	445
Clay and sand-----	14	45	Sandstone-----	6	451
Sand (water)-----	35	80	Clay-----	437	888
Clay-----	27	107	Anhydrite-----	16	904
Sandstone-----	28	135	Sand-----	7	911
Clay-----	16	151	Clay-----	42	953
Sandstone-----	18	169	Anhydrite-----	40	993
Clay-----	66	235	Clay, red-----	21	1,014
Sandstone-----	10	245	Anhydrite-----	10	1,024
Clay-----	23	268	Limestone-----	16	1,040
Sandstone-----	14	282	Sand-----	40	1,080

TABLE 10

WATER LEVELS IN SELECTED

WELLS IN

REEVES COUNTY

Table 10.--Water levels in selected wells in Reeves County

Date	Water level	Date	Water level	Date	Water level
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Well B-17

Owner: Jack Camp.

June 14, 1940	100.42	Nov. 16, 1948	102.30	Mar. 31, 1950	100.16
Mar. 11, 1941	110.52	Feb. 3, 1949	101.19	June 22, 1959	98.67

Well D-6

Owner: Malcom Madera.

Mar. 13, 1940	165.45	June 29, 1949	162.59	Oct. 16, 1949	161.87
Nov. 15, 1948	162.31	Aug. 5	162.62	Mar. 31, 1950	163.25
Feb. 3, 1949	162.32	Sept. 1	162.61		

Well D-19

Owner: Kirk & Miller.

Mar. 14, 1940	241.30	Aug. 5, 1949	234.28	Mar. 3, 1950	233.89
Oct. 9, 1948	234.29	Sept. 1	229.28	Feb. 15, 1951	235.46
Feb. 3, 1949	233.52	Oct. 16	233.99	July 31, 1959	235.80
June 29	236.40	Jan. 11, 1950	233.90		

Well E-2

Owner: R. F. Kelton.

Mar. 14, 1940	22.22	Oct. 16, 1949	12.71	Sept. 17, 1950	13.11
May 16	20.79	Jan. 11, 1950	12.45	Oct. 25	12.27
Oct. 9, 1948	13.70	Mar. 3	12.52	Nov. 21	12.11
June 29, 1949	12.39	June 19	14.46	Feb. 15, 1951	12.41
Aug. 5	12.76	July 16	13.67	July 20, 1959	26.03
Sept. 1	13.06	Aug. 20	13.04		

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well E-17

Owner: W. A. Halamiecik, Jr., et al.

Jan. 4, 1940	216.55	Sept. 13, 1940	212.28	Aug. 5, 1949	213.18
Feb. 13	217.00	Nov. 21	212.50	Oct. 16	212.79
Mar. 13	212.85	Oct. 9, 1948	212.99	Jan. 8, 1950	213.55
May 16	212.15	Feb. 3, 1949	213.02	Mar. 3	213.36
Aug. 8	212.33	June 29	212.96		

Well E-21

Owner: W. A. Halamiecik, Jr., et al.

Oct. 6, 1948	224.45	June 19, 1950	221.54	Feb. 6, 1953	224.05
Feb. 3, 1949	220.96	July 16	221.41	Jan. 22, 1954	224.54
June 29	221.03	Aug. 20	221.52	Jan. 11, 1955	227.10
Aug. 5	221.68	Sept. 17	221.63	Jan. 5, 1956	230.11
Sept. 1	221.20	Oct. 25	221.53	Jan. 25, 1957	232.80
Oct. 16	221.07	Nov. 21	221.45	Feb. 4, 1958	235.67
Jan. 8, 1950	221.40	Feb. 15, 1951	223.02	Feb. 10, 1959	235.14
Mar. 3	221.91	Jan. 28, 1952	222.94		

Well F-11

Owner: D. O. Lara.

Jan. 5, 1940	24.10	Mar. 4, 1942	23.41	Feb. 4, 1953	27.36
May 16	26.26	Feb. 10, 1949	24.81	Jan. 20, 1954	27.90
June 27	26.24	Jan. 12, 1950	25.88	Jan. 8, 1955	28.09
July 12	25.90	Mar. 3	26.65	Jan. 7, 1956	26.55
Feb. 11, 1941	24.72	Feb. 13, 1951	26.32	Feb. 3, 1958	28.17
May 14	24.37	Jan. 28, 1952	26.20	July 8, 1959	26.65

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well F-14

Owner: R. F. Kelton.

May 16, 1940	173.51	Jan. 12, 1950	172.89	Jan. 8, 1955	179.65
Nov. 6	173.60	Mar. 20	173.30	Jan. 7, 1956	181.03
Feb. 10, 1949	173.10	July 23	172.99	Jan. 26, 1957	183.07
June 28	172.98	Feb. 16, 1951	173.01	Feb. 3, 1958	185.22
Aug. 5	172.99	Jan. 29, 1952	173.37	Feb. 9, 1959	186.45
Sept. 1	173.10	Feb. 4, 1953	173.82	July 20	187.40
Oct. 16	172.98	Jan. 20, 1954	175.80		

Well F-26

Owner: T. S. Ingle.

May 16, 1940	41.87	June 29, 1949	42.55	July 23, 1950	42.69
Aug. 7	41.76	Jan. 21, 1950	42.34	Feb. 16, 1951	42.77
May 11, 1941	41.97	Mar. 20	42.84		

Well F-38

Owner: J. E. Couch.

Nov. 4, 1946	15.39	Mar. 7, 1949	15.56	Feb. 4, 1953	18.37
Dec. 4	15.38	Jan. 12, 1950	17.37	Jan. 20, 1954	21.90
Jan. 29, 1947	15.32	Mar. 3	17.48	Jan. 8, 1955	22.18
Mar. 9, 1948	16.83	Feb. 13, 1951	16.48	July 13, 1959	22.95
Feb. 4, 1949	15.12	Jan. 29, 1952	18.57		

Well F-39

Owner: Marvin Clark.

Jan. 4, 1940	18.75	Feb. 12, 1940	18.81	Mar. 26, 1940	18.92
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Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
Well F-39--Continued					
May 15, 1940	19.33	Feb. 5, 1949	21.15	Jan. 7, 1956	16.92
June 27	19.17	Jan. 12, 1950	21.74	Jan. 26, 1957	16.86
Sept. 10	19.57	Mar. 3	21.87	Feb. 3, 1958	18.21
Nov. 16	19.47	Feb. 13, 1951	21.64	Feb. 9, 1959	17.62
Feb. 11, 1941	20.04	Feb. 4, 1953	23.33	July 9	15.73
May 14	20.00	Jan. 20, 1954	22.56		
Mar. 10, 1948	20.80	Jan. 8, 1955	19.90		

Well G-11

Owner: J. A. Burchard, et al.

May 16, 1940	66.05	Oct. 16, 1949	66.04	Jan. 11, 1955	65.71
Nov. 16	66.00	Jan. 11, 1950	65.74	Jan. 5, 1956	65.53
Oct. 9, 1948	66.51	Mar. 3	65.76	Jan. 25, 1957	65.68
Feb. 3, 1949	66.41	Feb. 15, 1951	64.84	Feb. 4, 1958	64.77
June 29	66.63	Jan. 28, 1952	65.30	Feb. 10, 1959	64.40
Aug. 5	66.56	Feb. 6, 1953	65.57	July 31	63.66
Sept. 4	66.54	Jan. 22, 1954	66.02		

Well H-9

Owner: G. Montgomery.

Oct. 14, 1949	155.60	Sept. 28, 1950	164.10	Jan. 7, 1960	259.90
Feb. 28, 1950	152.42	Feb. 9, 1951	160.58		

Well H-16

Owner: Tom Bell.

Feb. 5, 1949	155.39	Jan. 14, 1950	161.46	Feb. 28, 1950	160.93
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Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
Well H-16--Continued					
Feb. 9, 1951	168.36	Jan. 22, 1954	194.03	Feb. 5, 1958	242.70
Jan. 29, 1952	177.90	Jan. 28, 1957	235.78	Feb. 10, 1959	264.20
Feb. 5, 1953	184.83				

Well H-22

Owner: W. A. Halamiecik, Jr., et al.

Jan. 28, 1952	47.65	Jan. 5, 1956	45.15	May 18, 1959	43.46
Feb. 6, 1953	45.44	Jan. 25, 1957	44.40	Jan. 7, 1960	42.87
Jan. 22, 1954	47.16	Feb. 4, 1958	44.30		
Jan. 11, 1955	46.32	Feb. 10, 1959	42.66		

Well H-25

Owner: W. A. Halamiecik, Jr., et al.

Jan. 5, 1956	191.93	Feb. 10, 1959	208.35	Jan. 7, 1960	211.20
Jan. 25, 1957	236.03	May 18	208.60		
Feb. 4, 1958	237.05	July 29	209.3		

Well H-36

Owner: Glenn Estates.

Oct. 12, 1948	141.69	Feb. 5, 1953	200.07	Feb. 5, 1958	274.8
Feb. 5, 1949	143.16	Jan. 23, 1954	213.90	Dec. 1	305.1
Jan. 9, 1950	153.28	Jan. 14, 1955	221.55	Jan. 8, 1960	317.0
Feb. 28	152.68	Jan. 9, 1956	235.89		
Jan. 30, 1952	181.87	Jan. 27, 1957	250.68		

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well H-41

Owner: Warren Wright.

Oct. 3, 1939	56.20	June 29, 1949	53.30	Aug. 20, 1950	53.59
Feb. 13, 1940	53.40	Aug. 5	53.30	Sept. 17	53.31
Mar. 13	54.50	Sept. 1	53.39	Oct. 25	53.00
May 16	54.65	Oct. 16	53.06	Nov. 21	53.86
Aug. 8	53.58	Jan. 8, 1950	52.99	Feb. 15, 1951	53.65
Sept. 13	53.68	Mar. 4	53.67	Feb. 6, 1953	53.16
Oct. 8, 1948	54.09	June 19	54.10	Jan. 22, 1954	53.26
Feb. 3, 1949	53.46	July 16	54.00	Jan. 25, 1955	54.78

Well H-46

Owner: Holcombe and McNeil.

Feb. 13, 1940	26.90	Sept. 1, 1949	20.18	Sept. 17, 1950	19.90
May 16	20.26	Oct. 16	20.15	Oct. 25	19.70
Sept. 13	20.70	Jan. 8, 1950	20.00	Nov. 21	19.86
Oct. 8, 1948	21.19	Mar. 4	19.92	Feb. 15, 1951	19.52
Feb. 3, 1949	20.55	June 19	19.92	July 28, 1959	23.70
June 7	20.06	July 16	19.93		
Aug. 5	20.16	Aug. 20	19.94		

Well H-55

Owner: W. A. Halamiecik, Jr., et al.

Feb. 13, 1940	168.30	Oct. 8, 1948	165.72	Jan. 28, 1952	173.29
May 16	164.93	Jan. 21, 1950	168.41	Jan. 11, 1955	187.19
Aug. 8	165.47	Mar. 4	168.45		
Sept. 13	165.37	Feb. 15, 1951	169.54		

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well H-56

Owner: Glen Estes.

Oct. 12, 1948	141.69	Jan. 30, 1952	181.87	Jan. 9, 1956	235.89
Feb. 5, 1949	143.16	Feb. 5, 1953	200.07	Jan. 27, 1957	250.68
Jan. 9, 1950	153.27	Jan. 23, 1954	213.90	Jan. 8, 1960	316.6
Feb. 28	152.68	Jan. 14, 1955	221.55		

Well J-18

Owner: Arthur Schmid.

Dec. 5, 1939	+7.5	Feb. 5, 1941	+6.8	Aug. 20, 1942	+6.3
Jan. 15, 1940	+7.1	Aug. 20	+6.2	Dec. 30	+8.8
Mar. 1	+6.5	Oct. 22	+9.1	Feb. 8, 1949	+4.1
May 2	+6.3	Dec. 16	+9.3		
Oct. 18	+6.8	Feb. 28, 1942	+7.7		

Well J-23

Owner: O. H. Beauchamp.

Feb. 18, 1949	64.51	Feb. 21, 1950	73.54	Feb. 5, 1953	97.50
Oct. 17	76.45	Oct. 5	78.80	Jan. 22, 1954	101.40
Jan. 13, 1950	74.52	Feb. 8, 1951	73.41	Nov. 10, 1958	89.2

Well J-24

Owner: T. J. Wilson.

Feb. 18, 1949	64.07	Mar. 14, 1950	74.50	Feb. 8, 1951	83.69
Jan. 22, 1950	74.44	Oct. 3	96.05	Nov. 10, 1958	171.04
Feb. 21	74.13	17	87.65	Jan. 6, 1960	162.70

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well J-27

Owner: C. M. Eddins.

Feb. 18, 1949	66.73	Apr. 3, 1950	80.87	Feb. 5, 1953	103.09
June 24,	78.73	May 29	82.33	Jan. 22, 1954	109.38
July 6	78.83	June 1	82.97	Jan. 14, 1955	117.10
Aug. 10	82.16	July 31	89.30	Jan. 8, 1956	124.30
Sept. 29	78.75	Aug. 14	87.40	Jan. 28, 1957	132.08
Oct. 26	76.13	Sept. 26	85.26	Feb. 5, 1958	140.94
Nov. 1	75.96	Oct. 30	81.57	Nov. 6	153.80
Dec. 31	74.39	Nov. 20	81.33	Feb. 9, 1959	135.00
Jan. 23, 1950	73.62	Dec. 3	81.75	May 18	157.60
Feb. 28	74.00	Feb. 15, 1951	77.88	Jan. 6, 1960	154.46
Mar. 2	73.85	Jan. 29, 1952	90.95		

Well J-37

Owner: Jack Williams.

Feb. 12, 1941	71.00	Jan. 28, 1947	71.67	Feb. 5, 1953	140.20
May 10	70.00	Mar. 3, 1948	73.55	Jan. 22, 1954	147.74
Nov. 6, 1946	75.58	Feb. 5, 1949	84.34	Feb. 9, 1959	195.90
Dec. 2	72.55	Feb. 8, 1951	101.59	Jan. 9, 1960	190.50

Well J-38

Owner: Jack Williams.

Nov. 6, 1946	72.3	Jan. 25, 1955	156.24	Nov. 11, 1958	204.65
Jan. 14, 1950	82.2	Jan. 11, 1956	167.15	Jan. 6, 1960	206.58
Feb. 5, 1953	148.56	Jan. 28, 1957	182.12		
Jan. 22, 1954	147.86	Feb. 5, 1958	189.33		

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well J-41

Owner: H. P. Bryan.

Feb. 18, 1949	64.55	Feb. 21, 1950	87.05	Feb. 8, 1951	86.65
Oct. 17	75.97	Mar. 14	76.95	Nov. 12, 1958	177.17
Jan. 13, 1950	75.20	Oct. 3	102.40		

Well J-42

Owner: Mrs. H. C. Bryan.

Dec. 18, 1930	33.40	Mar. 1, 1932	33.55	Mar. 2, 1942	32.01
Mar. 4, 1931	33.26	Apr. 1	33.75	Dec. 30	33.61
Apr. 6	33.42	May 2	33.95	Nov. 5, 1946	34.21
May 6	33.17	Nov. 16, 1939	35.95	Dec. 2	35.04
June 2	33.91	Feb. 3, 1940	35.41	Jan. 28, 1947	34.98
July 2	33.70	Apr. 16	35.92	Mar. 3, 1948	35.27
Aug. 5	33.60	Aug. 8	37.38	Feb. 5, 1949	33.97
Sept. 3	33.99	Nov. 14	36.33	Feb. 21, 1950	34.94
Oct. 27	33.72	Feb. 13, 1941	36.39	Feb. 15, 1951	36.15
Dec. 5	33.20	Oct. 22	32.95	Nov. 12, 1958	181.00
Feb. 2, 1932	33.64	Dec. 16	31.73	Jan. 7, 1960	171.70

Well J-49

Owner: Leo Schneider.

Feb. 17, 1949	56.75	Feb. 27, 1950	67.87	Nov. 12, 1958	196.20
Oct. 20	80.85	Mar. 14	72.15		
Jan. 13, 1950	69.55	Oct. 3	101.40		

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well J-67

Owner: P. McKinney.

Feb. 17, 1949	120.63	Feb. 7, 1951	145.76	Jan. 28, 1957	225.26
Oct. 19	137.40	Jan. 29, 1952	169.28	Feb. 5, 1958	230.90
Jan. 14, 1950	128.39	Feb. 5, 1953	192.03	Nov. 14	272.00
Feb. 27	133.92	Jan. 22, 1954	193.09	Feb. 10, 1959	249.10
Mar. 13	137.80	Jan. 14, 1955	200.73	May 18	278.30
Sept. 28	160.10	Jan. 9, 1956	214.31	Jan. 7, 1960	269.20

Well J-72

Owner: E. D. Godbey, Jr.

Apr. 30, 1947	109.44	Jan. 29, 1952	164.78	Nov. 17, 1958	177.60
Mar. 8, 1948	118.02	Feb. 5, 1953	182.16	Feb. 10, 1959	174.3
Feb. 9, 1949	127.01	Jan. 22, 1954	174.26	May 18	184.10
Jan. 14, 1950	135.52	Jan. 9, 1956	176.84	Jan. 7, 1960	179.30
Feb. 27	131.56	Jan. 28, 1957	180.82		
Feb. 7, 1951	147.15	Feb. 5, 1958	171.38		

Well J-79

Owner: R. E. Duggan.

Jan. 22, 1954	189.03	Jan. 28, 1957	238.38	Nov. 26, 1958	281.10
Jan. 13, 1955	194.78	Feb. 5, 1958	255.30		

Well J-97

Owner: C. Sargent.

Feb. 17, 1949	93.07	Oct. 19, 1949	119.27	Feb. 27, 1950	106.17
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Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
Well J-97--Continued					
Mar. 13, 1950	110.47	Feb. 5, 1953	179.33	May 18, 1959	277.80
Oct. 3	142.72	Nov. 17, 1958	270.40	Jan. 7, 1960	268.30
Feb. 9, 1951	121.09	Feb. 10, 1959	254.30		

Well J-110

Owner: R. H. Brown.

Apr. 11, 1947	44.90	Mar. 13, 1950	80.75	Jan. 13, 1955	70.50
Mar. 3, 1948	53.99	Oct. 3	96.80	Jan. 8, 1956	70.70
Feb. 5, 1949	65.95	Feb. 8, 1951	87.01	Jan. 25, 1957	183.25
Oct. 17	90.00	Jan. 28, 1952	127.25	Feb. 5, 1958	201.80
Jan. 13, 1950	80.69	Feb. 5, 1953	155.57	Feb. 9, 1959	212.84
Feb. 27	78.85	Jan. 22, 1954	80.80		

Well J-111

Owner: Jack Wendt.

Jan. 6, 1946	43.16	Feb. 27, 1950	66.95	Feb. 8, 1951	80.84
Feb. 17, 1949	54.77	Mar. 14	74.95	Dec. 3, 1958	157.86

Well J-112

Owner: R. J. Yarbrough.

Nov. 5, 1946	39.93	Oct. 24, 1949	79.05	Feb. 8, 1951	87.56
Jan. 28, 1947	39.0	Jan. 13, 1950	66.64	Nov. 18, 1958	84.00
Feb. 17, 1949	53.28	Feb. 27	66.38		

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well J-119

Owner: Howard Arnold.

Nov. 15, 1939	23.29	Feb. 13, 1941	23.34	Jan. 13, 1950	53.33
Feb. 3, 1940	23.10	May 10	26.60	Feb. 27	54.64
Apr. 16	34.11	Nov. 5, 1946	31.07	Feb. 8, 1951	64.92
May 17	39.27	Dec. 2	29.80	Jan. 29, 1952	92.40
Aug. 8	24.45	Jan. 28, 1947	29.69	Feb. 5, 1953	116.05
Sept. 16	24.13	Mar. 3, 1948	33.02	Nov. 19, 1958	17.05
Nov. 14	22.44	Feb. 5, 1949	40.58		

Well J-121

Owner: W. H. Boyd.

Apr. 26, 1947	+7.1	Jan. 25, 1950	2.88	Jan. 31, 1952	30.99
Mar. 9, 1948	+7.9	Feb. 22	3.68	Feb. 4, 1953	49.70
Feb. 8, 1949	+2.4	Feb. 13, 1951	9.66		

Well J-123

Owner: J. M. Moore.

Nov. 21, 1939	+3.90	Dec. 16, 1941	+6.45	Jan. 21, 1954	35.53
Jan. 16, 1940	+5.40	Feb. 28, 1942	+6.08	Jan. 10, 1955	28.67
Mar. 1	+4.30	Apr. 29, 1947	0.54	Jan. 11, 1956	27.28
May 3	+0.51	Mar. 9, 1948	+3.30	Jan. 24, 1957	18.27
Oct. 18	+3.0	Feb. 27, 1950	12.93	Feb. 8, 1958	13.88
Feb. 6, 1941	+5.40	Feb. 16, 1951	17.95	Feb. 12, 1959	11.28
Aug. 20	+0.09	Jan. 31, 1952	26.92		
Oct. 22	+8.10	Feb. 4, 1953	31.52		

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well J-125

Owner: Ed Otto.

Nov. 21, 1939	+5.85	Feb. 6, 1941	+6.90	Apr. 28, 1947	+1.20
Jan. 16, 1940	+7.00	Aug. 20	+2.28	Mar. 9, 1948	+5.56
Mar. 1	+6.40	Oct. 22	+7.42	Feb. 27, 1950	8.45
May 3	+2.41	Dec. 16	+8.20	Jan 30, 1952	31.88
June 26	+2.30	Feb. 28, 1942	+7.50		
Oct. 18	+5.10	Aug. 20	+1.72		

Well J-127

Owner: B. T. Biggs.

Apr. 16, 1940	0.94	Mar. 14, 1942	+2.30	Mar. 9, 1948	.00
May 24	.90	Apr. 26	+ .50	Feb. 8, 1949	4.02
June 25	1.69	May 7	.31	Jan. 12, 1950	11.98
July 29	2.30	June 12	1.58	Feb. 27	12.01
Aug. 16	1.48	July 23	3.32	Feb. 16, 1951	16.77
Feb. 6, 1941	+2.70	30	4.50	Jan. 30, 1952	33.97
Oct. 22	+1.90	Aug. 29	1.43	Feb. 4, 1953	51.89
Nov. 22	+3.00	Sept. 24	+ .30	Jan. 21, 1954	67.78
Dec. 10	+2.80	Oct. 16	+ .90	Jan. 10, 1955	73.08
16	+3.00	Nov. 2	+ .40	Jan. 11, 1956	68.81
Jan. 31, 1942	+3.30	Dec. 30	+1.40	Jan. 24, 1957	69.48
Feb. 7	+3.10	Apr. 29, 1947	3.24		

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well J-128

Owner: J. H. Newman.

Feb. 18, 1949	33.87	Feb. 4, 1953	111.14	Feb. 5, 1958	182.18
Oct. 21	61.65	Jan. 23, 1954	138.51	Dec. 10	194.09
Feb. 28, 1950	45.62	Jan. 14, 1955	154.91	Jan. 8, 1960	196.79
Mar. 9	49.20	Jan. 9, 1956	166.38		
Feb. 12, 1951	56.23	Jan. 27, 1957	176.12		

Well J-142

Owner: L. Brooks.

Aug. 8, 1940	39.30	Feb. 13, 1941	32.92	Jan. 28, 1947	33.68
Sept. 16	37.85	June 19	27.32	Mar. 3, 1948	38.64
Nov. 14	33.38	Dec. 2, 1946	34.14	Feb. 5, 1949	46.42

Well J-151

Owner: R. H. Brown.

Apr. 11, 1947	38.55	Feb. 8, 1951	87.29	Jan. 25, 1957	196.09
Feb. 17, 1949	59.43	Jan. 29, 1952	119.68	Feb. 5, 1958	200.43
Jan. 13, 1950	74.61	Feb. 5, 1953	146.21	Nov. 18	217.40
Feb. 27	68.32	Jan. 22, 1954	167.14	Jan. 6, 1960	214.16
Mar. 13	78.30	Jan. 13, 1955	182.01		
Oct. 3	107.30	Jan. 8, 1956	189.32		

Well J-159

Owner: C. W. Pearson.

Feb. 16, 1949	90.04	Jan. 30, 1952	150.99	Jan. 23, 1954	216.68
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Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well J-159--Continued

Jan. 14, 1955	237.50	Jan. 27, 1957	264.64	Nov. 20, 1958	282.86
Jan. 9, 1956	249.97	Feb. 5, 1958	269.60	Jan. 1960	284.79

Well J-166

Owner: Kesey Bros.

Feb. 21, 1949	109.88	Jan. 22, 1950	125.47	Feb. 16, 1951	137.93
Oct. 25	134.15	Feb. 28	123.87	Dec. 2, 1958	282.75

Well J-179

Owner: L. A. Achtschin.

Feb. 21, 1949	65.05	Feb. 12, 1951	77.44	Jan. 14, 1955	48.73
Nov. 2	77.45	Jan. 30, 1952	76.55	Jan. 9, 1956	45.08
Jan. 16, 1950	74.36	Feb. 5, 1953	70.00	Jan. 27, 1957	44.34
Feb. 28	72.52	Jan. 23, 1954	56.61	Feb. 8, 1958	43.30

Well J-195

Owner: E. E. Crow, Jr.

Mar. 3, 1948	22.80	Jan. 30, 1952	83.77	Feb. 5, 1958	97.40
Feb. 5, 1949	30.35	Jan. 23, 1954	98.30	Dec. 12	210.39
Jan. 24, 1950	42.72	Jan. 14, 1955	97.63	Jan. 8, 1960	183.55
Feb. 28	43.02	Jan. 9, 1956	97.35		
Feb. 13, 1951	53.38	Jan. 27, 1957	98.06		

Well J-200

Owner: Balmorhea Ranches, Inc.

Jan. 13, 1940	19.99	Apr. 15, 1940	20.25	May 20, 1940	20.72
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Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
Well J-200--Continued					
June 27, 1940	21.38	Feb. 12, 1941	20.10	Jan. 13, 1950	40.54
Aug. 19	21.59	May 14	19.97	22	39.95
Sept. 14	21.50	Jan. 4, 1949	32.15	Mar. 5	39.08
Nov. 15	20.58	Mar. 2	28.73	Apr. 10, 1959	104.30

Well J-206

Owner: Tommy Wheelis.

Feb. 5, 1949	56.40	Jan. 30, 1952	109.93	Jan. 14, 1955	186.30
Jan. 16, 1950	71.65	Feb. 5, 1953	137.98	Jan. 10, 1956	200.54
Feb. 22	68.39	Jan. 23, 1954	167.70	Dec. 29, 1958	217.40

Well J-216

Owner: M. B. Butts .

Feb. 21, 1949	91.75	Jan. 30, 1952	139.89	Jan. 14, 1955	233.00
Jan. 16, 1950	97.44	Feb. 5, 1953	167.66	Jan. 9, 1956	230.40
Feb. 28	94.10	Jan. 23, 1954	203.21		

Well J-226

Owner: Kesey Bros.

Feb. 21, 1949	121.80	Jan. 23, 1954	214.53	Dec. 1, 1958	285.04
Feb. 28, 1950	129.86	Jan. 14, 1955	232.64	Feb. 11, 1959	281.74
Feb. 15, 1951	143.97	Jan. 9, 1956	247.51	May 18	287.54
Jan. 30, 1952	170.56	Jan. 27, 1957	260.92	Jan. 8, 1960	287.54
Feb. 5, 1953	190.94	Feb. 5, 1958	273.74		

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well J-242

Owner: Ord Gary.

Feb. 5, 1949	119.97	Mar. 10, 1950	117.70	Feb. 9, 1951	127.20
Nov. 3	118.80	June 14	137.71	Jan. 30, 1952	175.66
Jan. 16, 1950	118.43	Aug. 24	135.66		

Well J-245

Owner: Duke & Shaw.

Dec. 14, 1946	122.25	Feb. 5, 1949	129.93	Mar. 10, 1950	141.65
Feb. 3, 1947	117.83	Nov. 3	166.00	Feb. 9, 1951	153.15
Mar. 8, 1948	118.61	Jan. 16, 1950	143.07		

Well J-266

Owner: Paul Davidson.

Feb. 21, 1949	64.74	Feb. 12, 1951	89.68	May 20, 1959	217.40
Feb. 28, 1950	76.82	Dec. 30, 1958	223.00	Jan. 8, 1960	218.10

Well J-280

Owner: Jack and J. L. Davis.

Feb. 23, 1949	47.50	Feb. 28, 1950	59.15	Dec. 8, 1958	204.03
Jan. 16, 1950	63.52	Feb. 13, 1951	74.91		

Well J-308

Owner: H. C. Tanner.

Sept. 7, 1949	144.80	Feb. 10, 1951	135.84	May 19, 1959	321.10
Jan. 16, 1950	124.59	Dec. 2, 1958	314.30	Jan. 11, 1960	323.90
Feb. 28	123.65	Feb. 11, 1959	304.6		

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well J-310

Owner: Worsham & Evans.

Apr. 28, 1947	119.18	Nov. 3, 1949	144.40	Dec. 2, 1958	290.28
Feb. 21, 1949	137.11	Mar. 10, 1950	139.40		
July 21	137.11	Feb. 5, 1953	185.07		

Well J-315

Owner: P. McKinney.

Feb. 17, 1949	120.63	Feb. 27, 1950	133.92	Feb. 7, 1951	145.76
Oct. 19	137.40	Mar. 13	137.80	Jan. 29, 1952	169.28
Jan. 14, 1950	128.39	Sept. 28	160.10	Feb. 5, 1953	192.03

Well J-316

Owner: R. E. Duggan.

Oct. 19, 1949	142.80	Sept. 28, 1950	158.00	Feb. 5, 1953	186.30
Feb. 28, 1950	137.91	Feb. 9, 1951	154.36		
Mar. 10	142.10	Jan. 29, 1952	169.80		

Well J-318

Owner: R. J. Yarbrough.

June 1927	34.00	June 2, 1931	37.24	Apr. 1, 1932	32.35
Sept. 15, 1930	34.58	Aug. 5	31.35	May 2	32.27
Dec. 18	34.66	Oct. 1	25.71	June 1	32.25
Mar. 4, 1931	34.97	Dec. 5	29.41	Nov. 16, 1939	37.66
Apr. 6	35.68	Feb. 2, 1932	31.20	Feb. 3, 1940	36.90
May 6	38.44	Mar. 1	31.19	Sept. 16	41.60

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Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well J-318--Continued

Nov. 14, 1940	38.17	Dec. 2, 1946	39.82	Feb. 5, 1949	21.90
Feb. 3, 1941	37.18	Jan. 28, 1947	39.03		
Nov. 5, 1946	39.26	Mar. 3, 1948	40.97		

Well J-319

Owner: P. McKinney.

Nov. 16, 1939	32.20	Nov. 14, 1940	32.78	Dec. 2, 1946	36.08
Feb. 3, 1940	31.83	Feb. 14, 1941	31.91	Jan. 28, 1947	34.35
Apr. 17	38.10	May 10	39.29	Mar. 3, 1948	36.05

Well J-320

Owner: E. Epley.

Dec. 21, 1939	71.48	Jan. 16, 1950	108.54	Feb. 12, 1951	120.66
Feb. 5, 1949	90.34	Feb. 28	105.18	Jan. 30, 1952	152.40

Well J-321

Owner: Kesey Bros.

Nov. 16, 1939	93.95	Sept. 12, 1940	96.45	Feb. 23, 1942	92.71
Feb. 26, 1940	93.48	Nov. 21	94.60	Mar. 2	93.88
Apr. 17	94.10	Feb. 14, 1941	93.12	Aug. 20	95.32
May 16	94.33	May 10	94.65	Dec. 30	94.24
Aug. 8	95.06	Dec. 16	93.97		

Well J-322

Owner: E. E. Crow.

Apr. 6, 1931	25.75	May 6, 1931	25.25	Oct. 26, 1931	25.10
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Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
Well J-322--Continued					
Dec. 31, 1931	23.77	Feb. 5, 1940	25.41	Mar. 12, 1942	25.06
Feb. 2, 1932	23.67	Mar. 11	27.23	Aug. 20	28.42
Mar. 1	23.61	Sept. 12	30.02	Dec. 30	25.48
Apr. 1	23.67	Feb. 12, 1941	25.73	Nov. 4, 1946	27.96
May 2	23.87	May 14	27.14	Dec. 14	26.87
June 1	23.65	Oct. 22	25.70	Jan. 27, 1947	26.94
Nov. 16, 1939	26.57	Feb. 23, 1942	24.10	Mar. 3, 1948	25.87

Well J-323

Owner: Ord Gary.

Feb. 21, 1949	142.86	Feb. 9, 1951	148.08	Feb. 5, 1953	197.71
Feb. 28, 1950	138.41	Jan. 30, 1952	173.07	Jan. 23, 1954	224.58

Well J-324

Owner: Farms, Inc.

Feb. 23, 1949	86.05	Jan. 30, 1952	142.55	Jan. 8, 1960	277.3
Feb. 28, 1950	96.48	Jan. 11, 1956	228.89		
Feb. 10, 1951	106.74	Dec. 6, 1958	271.7		

Well J-325

Owner: A. Gore.

Oct. 2, 1939	52.93	Apr. 6, 1940	51.37	Sept. 30, 1940	53.45
Nov. 16	50.75	May 11	52.20	Oct. 20	51.63
Jan. 31, 1940	49.85	June 30	53.25	Nov. 26	51.07
Feb. 5	50.06	July 1	53.35	Dec. 31	50.74
Mar. 1	51.45	Aug. 8	53.34	Jan. 31, 1941	50.49

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Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
Well J-325--Continued					
Feb. 12, 1941	50.30	Nov. 22, 1941	50.36	Aug. 20, 1942	52.97
Mar. 2	50.55	Dec. 24	50.12	Sept. 26	52.21
Apr. 29	51.50	Jan. 25, 1942	49.90	Oct. 23	51.84
May 31	50.82	Feb. 28	50.15	Dec. 30	50.58
June 1	50.75	Mar. 9	50.27	Feb. 5, 1949	59.36
July 31	52.48	Apr. 9	51.35	Jan. 16, 1950	64.75
Aug. 3	52.35	May 27	51.73	Feb. 28	63.87
Sept. 30	50.98	June 8	52.01	Nov. 20, 1958	251.40
Oct. 30	50.50	July 6	52.55		

Well K-19

Owner: H. L. Teaney.

Nov. 20, 1939	+12.30	Mar. 9, 1948	+8.20	Oct. 25, 1950	20.79
Jan. 15, 1940	+12.50	Feb. 8, 1949	+3.80	Nov. 20	17.19
Mar. 1	+13.60	Aug. 19	36.65	Feb. 13, 1951	9.63
May 1	+ 8.00	Sept. 23	22.44	Jan. 31, 1952	31.25
June 20	+ 5.00	Jan. 12, 1950	3.77	Feb. 4, 1953	50.18
Oct. 18	+ 9.40	Feb. 22	3.01	Jan. 21, 1954	72.44
Feb. 15, 1941	+13.90	Mar. 4	3.38	Jan. 25, 1955	82.76
Aug. 20	+ 6.90	12	4.70	Jan. 11, 1956	89.70
Oct. 22	+14.50	May 29	23.94	Jan. 24, 1957	103.46
Dec. 16	+14.40	June 26	33.81	Feb. 6, 1958	109.12
Feb. 28, 1942	+14.50	Aug. 30	43.39	Feb. 12, 1959	109.79
Apr. 29, 1947	+ 6.50	Sept. 10	34.12	July 13, 1959	125.4

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
Well K-20					
Owner: Mrs. M. D. Cowan.					
Dec. 2, 1939	+4.30	Jan. 20, 1950	*10.6	July 7, 1950	*44.5
Jan. 15, 1940	+4.10	27	*11.0	21	*43.0
Mar. 1	+4.00	Feb. 1	*10.0	Aug. 4	*37.0
May 3	+1.70	17	*10.0	11	*43.0
June 25	+1.70	24	*10.3	25	*48.0
Oct. 19, 1940	+3.30	27	7.92	Sept. 15	*38.0
Feb. 5, 1941	+5.40	Mar. 3	* 9.3	22	*35.0
Oct. 22	+1.40	10	*10.9	Oct. 10	*29.0
Dec. 16	+5.90	17	*15.0	30	*28.5
Feb. 28, 1942	+6.00	24	*19.5	Nov. 9	*26.0
Apr. 29, 1947	3.20	31	*24.8	Dec. 10	*23.0
Feb. 8, 1949	4.20	Apr. 7	*30.5	24	*19.5
Nov. 14	*16.0	12	*31.3	Jan. 5, 1951	*19.0
18	*16.5	21	*34.9	Feb. 14	*15.5
25	*16.3	28	*39.6	16	10.97
30	*14.8	May 6	*36.0	Mar. 13	*23.5
Dec. 9	*15.0	15	*29.8	Apr. 10	*41.0
16	*13.5	19	*31.9	24	*50.0
23	*12.2	26	*32.0	May 25	*54.0
30	*12.0	June 2	*30.9	July 3	*65.0
Jan. 6, 1950	*11.0	9	*35.0	20	*67.0
12	8.08	16	*37.0	Sept. 7	*85.0
13	*10.7	23	*41.0	Oct. 18	*52.0

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Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
Well K-20--Continued					
Dec. 1, 1951	*44.0	May 8, 1953	*90.5	Jan. 21, 1958	*118.0
Jan. 11, 1952	*38.0	26	*90.5	Feb. 24	*112.0
Feb. 23	*43.0	June 11	*94.5	Apr. 18	*122.5
Apr. 9	*62.5	July 18	*102.0	May 27	*119.0
May 9	*67.0	Aug. 17	*110.0	Oct. 18	*127.0
June 2	*62.5	Sept. 2	*107.0	Dec. 4	*120.0
30	*77.0	Oct. 13	*92.5	Jan. 14, 1959	*116.0
July 18	*73.0	Dec. 31	*79.5	Mar. 5	*119.0
Aug. 7	*88.5	Jan. 16, 1954	*77.0	30	*126.0
Oct. 3	*75.0	Mar. 2	*81.0	May 4	*126.0
Nov. 20	*63.0	Apr. 15	*93.5	June 3	*124.0
Dec. 31	*56.0	May 28	*83.0	July 18	*135.0
Feb. 3, 1953	*54.3	June 30	*104.0	Aug. 4	*137.0
18	*54.0	Sept. 1	*116.0	Sept. 8	*138.0
Mar. 23	*71.0	Nov. 3	*101.5	Oct. 1	*132.7
Apr. 16	*87.0	26	*96.0		

\*Measurement made by Soil Conservation Service

Well K-23

Owner: Louis Roberson.

Oct. 10, 1939	34.40	Feb. 16, 1941	35.84	Mar. 20, 1950	36.44
Dec. 7	35.70	June 13, 1949	36.20	Mar. 27, 1951	36.87
Apr. 19, 1940	35.34	Jan. 22, 1950	36.91	Apr. 10, 1959	37.2

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well K-33

Owner: J. A. Worsham.

Mar. 5, 1940	75.90	Mar. 20, 1950	75.32	Jan. 21, 1954	80.63
Feb. 10, 1949	75.11	Mar. 24, 1951	75.39	Jan. 13, 1955	82.59
June 16	75.30	Jan. 28, 1952	75.95	Nov. 26, 1958	91.86
Jan. 12, 1950	75.34	Feb. 7, 1953	77.83		

Well P-4

Owner: Percy Jones Estate.

Oct. 12, 1948	16.99	June 19, 1950	12.35	Jan. 22, 1954	17.77
May 26, 1949	20.37	July 16	12.11	Jan. 11, 1955	19.61
July 1	19.95	Aug. 20	11.78	Jan. 6, 1956	25.08
Aug. 6	19.33	Sept. 17	11.49	Jan. 24, 1957	12.54
Sept. 2	19.31	Oct. 25	11.29	Feb. 4, 1958	17.97
Oct. 16	18.60	Nov. 21	11.10	Feb. 10, 1959	19.88
Jan. 9, 1950	17.84	Feb. 15, 1951	10.61	July 8, 1959	22.5
Mar. 3	17.05	Jan. 28, 1952	10.21		
June 1	13.58	Feb. 6, 1953	9.56		

Well P-5

Owner: Toyah High School.

Dec. 15, 1939	70.5	Oct. 22, 1941	+83.5	Mar. 5, 1949	+81.3
Feb. 13, 1940	+51.7	Apr. 28, 1947	+44.5	Mar. 4, 1950	+84.3
May 16	+47.8	Mar. 9, 1948	+41.5	July 16	+51.3
Oct. 21	+93.5	Feb. 4, 1949	+74.1	Aug. 20	+40.0

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well P-10

Owner: Billie Prewit.

Oct. 12, 1948	123.09	Oct. 16, 1949	131.30	Sept. 17, 1950	140.29
May 26, 1949	126.00	Jan. 9, 1950	132.43	Oct. 25	141.05
June 30	126.87	Feb. 28	132.95	Nov. 21	141.48
Aug. 6	128.33	Mar. 16	133.14	Feb. 16, 1951	142.40
Sept. 1	129.60	Aug. 20	139.16		

Well P-86

Owner: Billie Prewit.

Oct. 12, 1948	174.98	Jan. 20, 1950	178.57	Oct. 25, 1950	182.48
Feb. 4, 1949	175.77	Mar. 16	180.48	Nov. 21	182.72
July 1	176.65	June 19	180.17	Feb. 15, 1951	183.94
Aug. 6	176.10	July 16	180.68	Jan. 28, 1952	202.21
Jan. 9, 1950	178.55	Aug. 20	181.30	Feb. 6, 1953	225.09

Well Q-7

Owner: B. H. Merjil.

Nov. 7, 1946	98.28	Feb. 28, 1950	121.32	Jan. 11, 1956	249.93
Mar. 8, 1948	98.79	Feb. 5, 1953	180.20	Jan. 5, 1959	300.13
Feb. 5, 1949	110.50	Jan. 23, 1954	212.22	Jan. 11, 1960	315.20
Jan. 16, 1950	123.76				

Well Q-10

Owner: S. M. Twilley.

Feb. 23, 1949	103.86	Jan. 20, 1950	118.70	Feb. 28, 1950	116.63
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Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well Q-10--Continued

Feb. 10, 1951	134.22	Jan. 23, 1954	199.25	Jan. 2, 1959	289.2
Jan. 30, 1952	145.10	Jan. 24, 1955	214.30	May 19	302.1
Feb. 5, 1953	167.19	Jan. 11, 1956	230.42	Jan. 11, 1960	304.9

Well Q-20

Owner: J. B. Hopkins.

Feb. 5, 1953	156.40	Jan. 10, 1956	223.82	Jan. 7, 1959	256.09
Jan. 23, 1954	196.63	Jan. 28, 1957	237.13	Jan. 11, 1960	267.81
Jan. 25, 1955	209.97	Jan. 2, 1959	255.91		

Well Q-31

Owner: W. B. Evans.

Feb. 26, 1940	42.55	Mar. 8, 1948	45.05	Jan. 22, 1950	71.60
Sept. 12	42.93	Feb. 5, 1949	56.24		

Well Q-39

Owner: Paul Davidson.

Jan. 4, 1949	35.38	Jan. 30, 1952	92.09	Dec. 8, 1958	192.98
Feb. 5	38.77	Feb. 5, 1953	121.29	Feb. 11, 1959	178.9
21	34.29	Jan. 23, 1954	148.07	May 21	185.7
Jan. 16, 1950	52.80	Jan. 24, 1955	160.12	Jan. 11, 1960	183.9
Feb. 13, 1951	63.63	Jan. 10, 1956	175.1		

Well Q-45

Owner: Billie Prewit.

Jan. 13, 1940	15.31	Mar. 1, 1940	17.65	May 20, 1940	19.64
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Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well Q-45--Continued

Aug. 21, 1940	20.03	Feb. 14, 1941	13.39	Dec. 7, 1948	22.89
Nov. 22	15.40	Apr. 2	15.05	Jan. 13, 1950	28.20

Well Q-53

Owner: L. D. McNeil.

Feb. 23, 1949	60.35	Feb. 28, 1950	71.48	Dec. 9, 1958	233.25
Jan. 22, 1950	71.19	Feb. 12, 1951	73.44		

Well Q-61

Owner: J. V. Navaretta.

Feb. 23, 1949	91.54	Feb. 28, 1950	103.83	Jan. 6, 1959	271.6
Jan. 20, 1950	104.56	Feb. 10, 1951	116.12		

Well Q-77

Owner: G. B. Scull.

Oct. 3, 1939	65.92	Mar. 8, 1948	66.70	Jan. 30, 1952	133.63
Apr. 16, 1940	65.50	Feb. 7, 1949	73.04	Feb. 6, 1953	151.44
May 31	65.49	Jan. 17, 1950	83.88	Jan. 23, 1954	181.65
Nov. 22	60.02	Mar. 1	84.06	Jan. 10, 1956	215.45
May 14, 1941	66.64	Feb. 10, 1951	100.09	Jan. 8, 1959	272.96

Well Q-104

Owner: Billie Prewit.

Aug. 7, 1933	13.00	Feb. 14, 1941	9.42	Aug. 29, 1942	11.72
Jan. 13, 1940	13.47	May 16	9.18	Dec. 30	8.79
Nov. 22	10.72	Mar. 3, 1942	7.11	Mar. 9, 1948	10.29

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Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
Well Q-104--Continued					
Dec. 7, 1948	13.40	Jan. 29, 1952	21.46	Jan. 25, 1957	50.00
Feb. 7, 1949	12.16	Feb. 7, 1953	26.71	Feb. 26, 1959	74.76
Jan. 13, 1950	14.55	Jan. 22, 1954	34.62	Jan. 15, 1960	38.10
Mar. 5	13.81	Jan. 13, 1955	33.71		
Feb. 18, 1951	16.95	Jan. 8, 1956	49.70		

Well Q-112

Owner: Gail Jones.

Apr. 25, 1947	20.92	Feb. 13, 1951	21.51	Feb. 6, 1958	44.50
Dec. 15, 1948	17.40	Feb. 5, 1953	46.95	Dec. 10	40.51
Mar. 1, 1949	16.38	Jan. 23, 1954	46.60	May 21, 1959	44.90
Jan. 22, 1950	18.92	Jan. 24, 1955	46.58	Jan. 15, 1960	37.59
Feb. 27	22.10	Jan. 10, 1956	46.18		

Well Q-114

Owner: L. L. Pate.

Dec. 18, 1930	14.72	Dec. 10, 1948	17.54	Feb. 5, 1953	36.67
Mar. 11, 1941	13.92	Feb. 7, 1949	16.27	Jan. 22, 1954	38.74
May 14	12.78	Mar. 2	16.87	Jan. 24, 1955	38.98
Nov. 8, 1946	14.40	Jan. 13, 1950	19.25	Jan. 10, 1956	37.19
Dec. 3	15.61	Feb. 27	19.65	Jan. 27, 1957	37.62
Jan. 27, 1947	13.88	Feb. 13, 1951	21.95	Feb. 6, 1958	37.98
Mar. 3, 1948	14.25	Jan. 30, 1952	27.26	Dec. 10	32.98

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well Q-153

Owner: W. P. Mattox.

Feb. 24, 1949	38.02	Feb. 13, 1951	42.30	Jan. 10, 1956	41.18
Jan. 17, 1950	42.59	Jan. 30, 1952	44.26	Jan. 27, 1957	35.95
Feb. 24	41.04	Feb. 6, 1953	49.52		
June 21	71.59	Jan. 24, 1955	46.52		

Well Q-158

Owner: F. M. Reeves.

Nov. 12, 1946	29.37	Mar. 3, 1948	29.74	Mar. 1, 1950	38.41
Dec. 3	29.17	Feb. 7, 1949	35.27	Dec. 11, 1958	191.3
Jan. 27, 1947	28.57	Jan. 17, 1950	40.91		

Well Q-160

Owner: Marvin Frazier.

Sept. 12, 1940	23.36	Feb. 27, 1950	25.75	Jan. 10, 1956	52.02
Feb. 12, 1941	17.25	Feb. 13, 1951	28.11	Jan. 27, 1957	48.68
Nov. 8, 1946	19.62	Jan. 30, 1952	35.56	Feb. 4, 1958	47.55
Mar. 3, 1948	19.11	Feb. 6, 1953	44.22	Dec. 11	41.64
Feb. 7, 1949	23.42	Jan. 23, 1954	52.55	Jan. 15, 1960	33.97
Jan. 17, 1950	26.49	Jan. 24, 1955	52.77		

Well Q-164

Owner: Loring Box.

Dec. 18, 1930	16.58	May 6, 1931	15.55	Oct. 27, 1931	17.61
Mar. 4, 1931	16.22	Aug. 5	18.83	Dec. 5	16.88

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Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
Well Q-164--Continued					
Dec. 31, 1931	16.62	Jan. 27, 1947	16.18	Jan. 22, 1954	49.47
Feb. 2, 1932	16.48	Mar. 8, 1948	18.32	Jan. 24, 1955	50.16
Mar. 1	17.15	Dec. 15	18.45	Jan. 10, 1956	47.47
Mar. 11, 1940	15.80	Feb. 7, 1949	20.41	Jan. 27, 1957	44.70
Apr. 15	15.87	Jan. 13, 1950	22.69	Feb. 4, 1958	44.83
Aug. 19	17.54	Feb. 27	23.20	Dec. 9	39.72
Nov. 15	15.49	Feb. 13, 1951	24.93	May 21, 1959	39.54
Nov. 12, 1946	17.09	Jan. 30, 1952	33.79	Jan. 15, 1960	35.56
Dec. 3	18.46	Feb. 5, 1953	44.92		

Well Q-169

Owner: Billie Prewit.

Dec. 9, 1948	15.15	Jan. 13, 1950	17.42	Feb. 13, 1951	19.09
Mar. 2, 1949	12.87	Mar. 5	16.47	Jan. 23, 1959	89.4

Well Q-181

Owner: W. W. Clem.

Jan. 30, 1952	54.20	Jan. 24, 1955	56.51	Feb. 4, 1958	41.18
Feb. 6, 1953	59.56	Jan. 10, 1956	50.95	Jan. 9, 1959	36.8
Jan. 23, 1954	62.22	Jan. 27, 1957	44.88	Jan. 13, 1960	30.2

Well Q-183

Owner: W. W. Clem.

Jan. 30, 1952	72.78	Jan. 24, 1955	130.99	Jan. 9, 1959	184.02
Feb. 6, 1953	94.87	Jan. 10, 1956	147.51	Jan. 13, 1960	196.3

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well Q-203

Owner: Jewel B. Logan.

Feb. 10, 1951	63.22	Jan. 23, 1954	147.24	May 20, 1959	193.4
Jan. 30, 1952	84.97	Jan. 10, 1956	149.30	Jan. 14, 1960	183.8
Feb. 6, 1953	109.68	Jan. 7, 1959	182.8		

Well Q-205

Owner: Mrs. J. D. Passmore.

Feb. 7, 1949	32.71	Jan. 30, 1952	82.86	Jan. 7, 1959	201.9
Jan. 17, 1950	46.90	Feb. 6, 1953	108.72	Jan. 14, 1960	206.2
Mar. 1	51.23	Jan. 23, 1954	145.80		
Feb. 10, 1951	63.66	Jan. 24, 1955	150.16		

Well Q-220

Owner: Carrie Eisenwine.

Aug. 7, 1933	15.50	Mar. 9, 1948	17.83	Mar. 5, 1950	21.22
Feb. 19, 1940	17.73	Dec. 9	20.55	Jan. 28, 1952	32.92
Sept. 25	18.79	Feb. 7, 1949	19.87	Jan. 7, 1956	74.29
May 16, 1941	17.0	Jan. 13, 1950	21.83	Jan. 24, 1957	79.72

Well Q-236

Owner: Garvin Passmore.

Mar. 1, 1949	32.58	Feb. 10, 1951	58.62	Jan. 23, 1954	128.83
Jan. 17, 1950	46.87	Jan. 30, 1952	75.36	Jan. 24, 1955	134.40
Mar. 1	45.92	Feb. 6, 1953	100.08	Jan. 27, 1957	161.20

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well Q-258

Owner: D. H. Armstrong.

Mar. 1, 1949	66.59	Jan. 30, 1952	110.25	Feb. 5, 1958	213.60
Jan. 17, 1950	80.12	Jan. 23, 1954	164.78	Jan. 5, 1959	215.5
Mar. 1	87.67	Jan. 10, 1956	195.90	Jan. 14, 1960	217.0
Feb. 12, 1951	91.37	Jan. 27, 1957	213.70		

Well Q-287

Owner: L. M. Prater.

Apr. 15, 1940	33.14	Mar. 3, 1948	21.13	Feb. 7, 1953	46.97
Nov. 15	19.17	Feb. 7, 1949	22.89	Jan. 21, 1954	66.07
Feb. 12, 1941	17.93	Mar. 2	22.63	Jan. 7, 1956	61.82
Nov. 12, 1946	22.51	Feb. 22, 1950	23.36	Jan. 24, 1957	88.93
Dec. 3	22.26	Feb. 17, 1951	26.12	Feb. 4, 1958	88.5
Jan. 27, 1947	19.91	Jan. 28, 1952	34.32		

Well Q-297

Owner: A. R. Eppenauer.

Nov. 13, 1946	16.90	Jan. 28, 1952	41.12	Jan. 24, 1957	108.32
Dec. 9, 1948	28.60	Feb. 7, 1953	54.53	Feb. 4, 1958	107.50
Feb. 7, 1949	26.75	Jan. 21, 1954	71.97	Jan. 15, 1959	110.32
Feb. 22, 1950	27.14	Jan. 12, 1955	100.08	May 18	109.90
Feb. 17, 1951	28.58	Jan. 7, 1956	103.41	Jan. 15, 1960	107.06

Well Q-327

Owner: Scott Armstrong.

Mar. 1, 1949	34.86	Mar. 1, 1950	37.71	Jan. 13, 1959	103.2
Jan. 20, 1950	37.48	Feb. 12, 1951	36.96		

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well Q-339

Owner: G. B. Scull.

Oct. 3, 1939	65.92	Nov. 22, 1940	66.02	Feb. 7, 1949	73.04
Apr. 16, 1940	65.50	May 14, 1941	66.64	Jan. 17, 1950	83.88
May 31	65.49	Mar. 8, 1948	66.70	Mar. 1	84.06

Well Q-340

Owner: Swain Thomas.

Mar. 1, 1949	66.59	Feb. 12, 1951	91.37	Jan. 10, 1956	194.10
Jan. 17, 1950	80.12	Jan. 30, 1952	110.25	Jan. 27, 1957	211.90
Mar. 1	87.67	Jan. 23, 1954	164.78	Feb. 5, 1958	213.6

Well R-1

Owner: Billie Prewit.

Mar. 1, 1940	25.95	May 13, 1941	25.98	Jan. 12, 1950	35.07
May 20	25.97	Dec. 16	24.57	Mar. 5	33.57
June 27	26.20	Mar. 3, 1942	25.87	Feb. 18, 1951	37.06
Aug. 21	26.20	May " 14	26.01	Jan. 29, 1952	48.34
Sept. 4	26.27	Sept. 16	26.68	Jan. 21, 1954	69.34
Nov. 22	24.89	Dec. 30	26.88	Jan. 13, 1955	75.35
Feb. 14, 1941	26.69	Jan. 4, 1949	31.77	Jan. 8, 1956	77.05
Mar. 1	26.52	Feb. 7	30.81	Mar. 3, 1959	83.35
Apr. 2	26.25				

Well R-20

Owner: W. H. Holcombe.

Sept. 19, 1940	31.4	Jan. 24, 1947	31.25	Feb. 9, 1949	32.30
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Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
Well R-20--Continued					
Mar. 21, 1950	33.78	Jan. 21, 1954	50.85	Feb. 6, 1958	60.01
Jan. 29, 1952	37.87	Jan. 13, 1955	60.2	Jan. 23, 1960	67.4
Feb. 7, 1953	41.82	Jan. 8, 1956	54.90		

Well R-23

Owner: Billie Prewit.

May 20, 1940	10.20	Dec. 9, 1948	11.15	Mar. 28, 1951	14.30
Nov. 22	8.40	Jan. 13, 1950	13.11	Mar. 3, 1959	53.66

Well R-26

Owner: T. X. L. Oil Corp.

Jan. 17, 1940	59.47	Feb. 7, 1949	59.30	Jan. 8, 1956	59.45
May 31	59.57	Jan. 11, 1950	59.20	Jan. 25, 1957	60.07
Sept. 4	59.56	Mar. 21	59.34	Feb. 6, 1958	60.72
Mar. 1, 1941	59.19	Jan. 29, 1952	59.32	Feb. 12, 1959	61.21
May 13	59.35	Feb. 7, 1953	59.64	Mar. 17	61.9
Oct. 31	58.52	Jan. 21, 1954	59.44	May 21	62.2
Mar. 28, 1942	59.11	Jan. 13, 1955	59.57		

Well U-1

Owner: T. X. L. Oil Corp.

Aug. 25, 1948	194.84	Feb. 15, 1951	201.23	July 13, 1959	356.8
Jan. 20, 1950	197.41	Feb. 6, 1953	232.44		
Mar. 16	197.98	Jan. 22, 1954	260.23		

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well U-9

Owner: W. D. Johnson Estate.

July 31, 1940	21.80	Aug. 6, 1949	21.28	July 25, 1950	22.46
Sept. 25	17.90	Sept. 2	19.43	Aug. 20	23.15
Oct. 10, 1948	21.25	Jan. 9, 1950	21.89	Oct. 25	20.59
Feb. 4, 1949	21.85	Mar. 16	20.94	Nov. 21	22.97
July 1	21.43	June 19	21.05		

Well U-12

Owner: L. A. Weinacht.

Dec. 15, 1948	103.71	June 19, 1950	109.01	Feb. 6, 1953	132.10
Feb. 4, 1949	103.66	July 16	109.80	Jan. 22, 1954	159.54
July 1	105.10	Aug. 20	110.18	Jan. 25, 1955	179.77
Aug. 6	105.93	Oct. 25	109.96	Feb. 5, 1958	213.42
Sept. 2	106.44	Nov. 20	110.18	Jan. 15, 1959	235.43
Jan. 9, 1950	106.61	Feb. 18, 1951	109.87	Feb. 9	234.59
Mar. 16	112.09	Jan. 28, 1952	115.52	Jan. 18, 1960	247.25

Well U-25

Owner: Willis Winters.

Oct. 11, 1948	146.60	Feb. 15, 1951	153.16	Jan. 20, 1959	260.3
Jan. 20, 1950	149.93	Jan. 28, 1952	159.94	Jan. 18, 1960	274.0
Mar. 16	150.47	Feb. 6, 1953	177.17		

Well U-55

Owner: The Chandler Co.

Aug. 25, 1948	105.90	Feb. 4, 1949	106.27	July 1, 1949	102.72
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Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
Well U-55--Continued					
Aug. 6, 1949	101.48	Mar. 16, 1950	109.87	Jan. 19, 1960	226.9
Sept. 2	101.36	Feb. 15, 1951	103.75		
Jan. 9, 1950	102.54	Jan. 20, 1959	222.5		

Well U-66

Owner: P. M. Vejil.

Nov. 4, 1948	66.83	Jan. 28, 1952	66.95	Jan. 24, 1957	72.62
Feb. 4, 1949	67.04	Feb. 6, 1953	66.03	Feb. 6, 1958	73.57
Jan. 9, 1950	67.53	Jan. 21, 1954	69.23	Feb. 12, 1959	68.78
Mar. 21	69.53	Jan. 11, 1955	66.77		
Mar. 26, 1951	66.56	Jan. 6, 1956	64.96		

Well U-72

Owner: J. T. Moore.

Oct. 11, 1948	146.60	Mar. 16, 1950	150.47	Jan. 28, 1952	159.94
Jan. 20, 1950	149.93	Feb. 15, 1951	153.16	Feb. 6, 1953	177.17

Well U-73

Owner: W. E. Moore.

July 30, 1940	140.63	Aug. 5, 1949	137.16	Aug. 20, 1950	140.84
Sept. 25	138.00	Sept. 2	137.52	Oct. 25	141.30
Oct. 10, 1948	134.99	Jan. 9, 1950	138.41	Nov. 21	141.48
Feb. 4, 1949	135.70	June 19	139.95	Feb. 15, 1951	141.64
July 1	136.70	July 16	140.38		

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well V-32

Owner: J. B. Kirklin.

Feb. 6, 1953	67.13	Jan. 12, 1955	100.35	Jan. 16, 1959	170.22
Jan. 21, 1954	98.56	Jan. 11, 1956	142.67	Jan. 19, 1960	202.70

Well V-47

Owner: Graham & Gallemore.

Feb. 6, 1953	65.92	Jan. 7, 1956	135.68	Jan. 14, 1959	163.53
Jan. 21, 1954	94.04	Jan. 24, 1957	144.28	May 21	194.2
Jan. 12, 1955	121.54	Feb. 4, 1958	152.44	Jan. 16, 1960	159.09

Well V-97

Owner: L. A. Weinacht.

Apr. 18, 1940	56.02	Jan. 9, 1950	55.30	Apr. 14, 1959	100.74
Dec. 3, 1948	56.65	Feb. 26	55.35		

Well V-121

Owner: Sol Mayer Estate.

Apr. 18, 1940	125.48	Mar. 2, 1941	121.49	Feb. 7, 1949	125.07
May 27	126.12	May 15	121.87	Jan. 9, 1950	127.54
July 30	126.44	Nov. 12, 1948	124.03	Feb. 15, 1951	130.57
Aug. 19	126.27				

Well V-132

Owner: L. A. Weinacht.

July 30, 1940	74.58	Nov. 9, 1948	72.50	Jan. 10, 1950	74.80
May 17, 1941	71.64	May 19, 1949	73.34	Jan. 21, 1959	147.98

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well V-160

Owner: R. V. Turnbough.

Jan. 27, 1947	106.83	Mar. 21, 1950	117.05	Jan. 21, 1954	151.80
Nov. 10, 1948	114.27	Mar. 26, 1951	118.11	Jan. 12, 1955	163.36
Feb. 9, 1949	113.99	Jan. 28, 1952	124.80	Jan. 6, 1956	185.01
Jan. 9, 1950	116.72	Feb. 6, 1953	136.26	Nov. 19, 1958	246.10

Well V-168

Owner: Graham & Gallemore.

June 1927	27.5	Sept. 3, 1931	25.93	May 15, 1941	20.98
Nov. 5, 1930	26.34	Oct. 26	25.77	Dec. 5	21.31
Dec. 18	26.19	Dec. 31	25.54	Mar. 2, 1942	19.11
Mar. 4, 1931	26.09	Feb. 2, 1932	25.62	Aug. 24	19.64
Apr. 6	26.15	Mar. 1	25.43	Dec. 30	19.30
May 6	26.20	Apr. 1	25.88	Feb. 7, 1949	36.31
June 8	26.04	May 2	25.83	Mar. 2	40.89
July 2	25.87	June 1	25.85	Jan. 17, 1950	39.73
Aug. 5	26.00	Mar. 2, 1941	24.79		

Well V-169

Owner: N. E. Mayer.

July 30, 1940	60.14	Feb. 7, 1949	60.99	Mar. 5, 1950	62.97
Oct. 2	60.99	Mar. 2	60.83	Feb. 18, 1951	63.34
Mar. 10, 1948	59.82	Jan. 17, 1950	63.34	Jan. 28, 1952	66.85

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well V-170

Owner: Texas & Pacific RR. Co.

Mar. 11, 1940	77.85	Feb. 7, 1949	76.94	Oct. 25, 1950	80.51
Apr. 15	78.1	July 1	77.95	Nov. 21	81.13
July 31	78.75	Aug. 6	78.23	Feb. 18, 1951	81.28
Sept. 7	78.79	Sept. 2	78.41	Jan. 28, 1952	85.36
Mar. 1, 1941	76.99	Jan. 9, 1950	79.21	Feb. 6, 1953	95.40
May 15	76.25	Mar. 21	79.57	Jan. 21, 1954	105.61
Dec. 5	75.82	July 16	80.34	Jan. 12, 1955	117.35
Nov. 9, 1948	76.40	Aug. 16	80.52	Jan. 24, 1957	130.57

Well W-89

Owner: H. T. Collier.

Aug. 20, 1940	60.48	Feb. 17, 1951	58.86	Jan. 24, 1957	109.08
Dec. 9, 1948	57.48	Jan. 28, 1952	61.94	Feb. 4, 1958	110.56
Feb. 7, 1949	58.55	Feb. 7, 1953	66.09	Jan. 26, 1959	112.28
Jan. 11, 1950	58.22	Jan. 21, 1954	83.41	Mar. 10	114.3
Feb. 26	58.13	Jan. 13, 1955	94.05	Jan. 22, 1960	125.3

Well W-97

Owner: H. T. Collier, Jr.

Aug. 20, 1940	86.38	Jan. 11, 1950	76.96	Mar. 10, 1959	121.6
May 28, 1949	79.63	Feb. 26	76.72		

Well W-113

Owner: L. A. Weinacht.

Dec. 3, 1948	96.20	Jan. 10, 1950	97.02	Feb. 17, 1951	97.78
Feb. 7, 1949	96.33	Feb. 26	97.09	Apr. 14, 1959	125.07

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well W-116

Owner: Rudolph Hoef.

Dec. 10, 1948	168.92	Feb. 26, 1950	170.44	Feb. 6, 1953	177.23
Feb. 7, 1949	168.92	Mar. 27, 1951	171.99	Jan. 21, 1954	185.77
Jan. 9, 1950	171.25	Jan. 28, 1952	174.15	Mar. 26, 1959	201.0

Well W-123

Owner: B. S. Estes.

Jan. 17, 1940	75.08	Aug. 29, 1942	71.06	Jan. 21, 1954	69.54
Sept. 5	73.07	Feb. 10, 1949	69.02	Jan. 13, 1955	69.19
Mar. 1, 1941	74.34	Jan. 22, 1950	67.59	Jan. 8, 1956	69.19
Apr. 2	74.60	Jan. 28, 1952	68.34	Jan. 25, 1957	68.23
Oct. 31	73.20	Feb. 7, 1953	70.50	Feb. 6, 1958	Dry at 74 ft.
Mar. 28, 1942	71.08				

Well W-124

Owner: R. Hoefs.

Dec. 10, 1948	168.82	Feb. 26, 1950	170.47	Feb. 6, 1953	177.23
Feb. 7, 1949	168.92	Mar. 27, 1951	171.99	Jan. 21, 1954	185.77
Jan. 9, 1950	171.25	Jan. 28, 1952	174.15		

Well W-125

Owner: J. R. Wilson.

Jan. 17, 1940	79.28	Apr. 2, 1941	78.80	Aug. 29, 1942	75.26
Sept. 5	77.27	Oct. 31	77.40	Feb. 10, 1949	73.22
Mar. 1, 1941	78.54	Mar. 28, 1942	75.28	Jan. 22, 1950	71.79

Table 10.--Water levels in selected wells in Reeves County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well Y-27

Owner: Popham Land & Cattle Co.

Nov. 6, 1948	89.02	Jan. 21, 1954	90.83	Feb. 6, 1958	90.74
Feb. 11, 1949	90.01	Jan. 25, 1955	76.73	Feb. 11, 1959	86.31
Jan. 10, 1950	88.25	Jan. 7, 1956	88.58	Jan. 21, 1960	88.2
Feb. 6, 1953	79.14	Jan. 28, 1957	92.20		

TABLE 11

ANALYSES OF WATER FROM WELLS  
AND SPRINGS IN  
REEVES COUNTY

Table 11.- Analyses of water from wells and springs in Reeves County

(Analyses given are in parts per million except specific conductance, pH, and percent sodium)

Water-bearing unit: A, Alluvium; C, Cretaceous rocks; R, Rustler formation; S, Santa Rosa sandstone; T, McCutcheon volcanic series of Eifler (1951).

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH
A-8	Middie E. Davis	147	June 18, 1940	-	-	-	-	750	308	1,440	153	2,410	2,570	-	12	-	7,570	3,140	50	10,600	-
A-30	Jack Camp	100	June 29, 1959	A	17	-	-	655	222	1,200	87	2,820	1,520	-	.5	-	6,480	2,550	51	8,120	6.9
B-9	Hall Olds	84	June 14, 1940	A	-	-	-	524	245	253	154	2,520	76	-	8.3	-	4,200	2,320	19	4,030	-
B-9	do	320	June 29, 1959	A	10	-	-	460	226	1,220	135	3,900	395	-	.0	-	6,280	2,080	56	6,960	7.0
B-17	Jack Camp	160	June 14, 1940	A	-	-	-	556	144	454	89	2,380	298	-	.5	-	4,260	1,980	33	4,510	-
B-17	do	160	Aug. 25, 1959	A	24	-	-	615	161	579	45	2,820	342	-	.2	-	4,560	2,200	36	4,900	7.9
B-23	J. M. Cooksey	175	do	A	20	-	-	805	300	627	150	2,570	1,280	-	.5	-	5,680	3,240	30	6,740	7.4
B-32	Jimmy Cooksey	170	June 29, 1959	A	17	-	-	645	175	392	91	2,400	425	-	12	-	4,110	2,330	27	4,650	7.0
B-47	J. M. Cooksey	50	Aug. 25, 1959	A	32	-	-	600	73	119	248	1,690	57	-	17	-	2,710	1,800	13	2,850	7.1
B-48	do	56	Dec. 22, 1948	A	56	-	-	589	218	762	220	2,660	760	-	4.0	-	5,160	2,370	41	6,190	-
B-52	M. Madera	180	Nov. 17, 1948	A	24	-	-	610	143	286	134	1,960	410	-	4.2	-	3,500	2,110	23	4,140	-
C-1	TXL Oil Corp.	105	June 24, 1940	-	-	-	-	445	95	248	180	1,580	172	-	7.2	-	2,850	1,500	26	3,160	-
C-10	R. F. Kelton	70	Aug. 24, 1959	A	6.4	-	-	285	38	280	6	844	420	-	.2	-	1,880	868	41	2,580	5.4
C-13	do	60	June 23, 1940	A	-	-	-	571	54	125	90	1,600	128	-	1.8	-	2,770	1,650	14	3,000	-
C-14	M. Madera	177	Jan. 2, 1940	A	-	-	-	248	85	313	165	1,320	103	-	-	-	2,150	968	41	2,770	-
C-14	do	177	June 29, 1959	A	14	-	-	228	72	338	159	1,290	90	-	.0	-	2,110	865	46	2,660	7.0
D-3	do	180	Nov. 17, 1948	A	25	-	-	256	67	328	135	1,230	167	-	.2	0.69	2,140	914	44	2,680	-
D-6	do	300	Mar. 13, 1940	A	-	-	-	430	62	103	205	1,200	94	-	-	-	1,990	1,330	14	2,420	-
D-7	H. R. Burden	350	Mar. 14, 1940	A	-	-	-	-	-	-	-	-	103	-	-	-	-	-	-	2,440	-
D-7	do	350	Aug. 7, 1959	A	26	-	-	268	58	270	143	1,180	101	-	8.7	-	1,980	907	39	2,430	6.7
D-9	do	268	Mar. 14, 1940	A	-	-	-	442	123	374	175	1,990	146	-	-	-	3,160	1,610	34	3,720	-
D-12	do	113	do	A	-	-	-	374	49	125	248	930	167	-	-	-	1,770	1,140	19	2,430	-
D-14	A. T. Kirk	60	Aug. 6, 1959	A	13	-	-	585	160	183	42	2,290	69	-	.0	-	3,320	2,120	16	3,420	6.9
D-16	Shelby Brooks	68	Oct. 5, 1939	A	-	-	-	558	69	220	157	1,800	109	-	-	-	2,830	1,680	22	3,260	-
D-16	do	68	Nov. 17, 1948	A	26	-	-	534	204	204	129	2,310	56	-	32	-	3,430	2,170	17	3,540	-

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH
D-18	Radford Groc. Co.	300	July 14, 1959	-	32	-	-	620	97	276 15	120	1,980	290	1.8	3.0	0.70	3,370	1,950	23	3,770	6.9
D-19	Kirk & Miller	255	Mar. 14, 1940	A	-	-	-	-	-	-	-	-	172	-	-	-	-	-	-	3,320	-
D-19	do	255	Aug. 7, 1959	A	38	-	-	420	65	326	222	1,550	162	-	.0	-	2,670	1,320	35	3,110	7.3
D-21	M. Madera	240	Nov. 20, 1948	A	16	-	-	34	22	2,000	278	2,220	1,400	-	18	-	5,850	176	96	8,520	-
E-7	W. A. Halamiecik	280	July 28, 1949	A	28	-	-	202	90	363	159	1,160	228	-	5.8	-	2,160	874	47	2,880	7.8
E-12	do	-	July 17, 1959	A	32	-	-	258	51	167 8.1	153	922	92	1.5	.0	-	1,610	853	30	2,050	7.0
E-13	do	333	Aug. 8, 1940	A	-	-	-	297	64	342	143	1,330	172	-	.8	-	2,380	1,000	43	2,940	-
E-17	do	231	Feb. 12, 1940	A	-	-	-	238	24	79	334	534	25	-	-	-	1,070	693	20	1,480	-
E-21	do	236	June 19, 1950	-	30	-	-	384	88	426	376	1,670	142	-	.0	-	2,920	1,320	41	3,560	7.9
F-3	R. F. Kelton	200	June 29, 1949	A	32	-	-	172	73	631	194	1,560	225	-	.0	-	2,790	729	65	3,750	8.0
F-5	C. W. Ivey	147	Sept. 9, 1949	A	22	-	-	822	348	2,040 -	304	2,630	3,430	-	-	.90	9,440	3,480	56	12,700	7.1
F-7	do	335	do	A	26	-	-	738	321	2,100 -	301	2,770	3,180	-	-	.63	9,280	3,160	59	12,300	6.9
F-8	Nov Lara	40	Jan. 5, 1940	A	-	-	-	-	-	-	-	-	2,900	-	-	-	-	-	-	11,670	-
F-3	do	40	Aug. 13, 1959	A	-	-	-	-	-	-	252	-	3,020	-	-	-	-	-	-	10,200	6.8
F-10	Faustino Lara	50	do	A	11	-	-	452	155	1,210 37	128	1,610	1,920	-	1.0	.39	5,460	1,760	59	7,740	7.3
F-11	D. O. Lara	125	Dec. 21, 1939	A	-	-	-	1,070	254	2,140	84	2,110	4,320	-	-	-	9,930	3,700	56	14,800	-
F-14	R. F. Kelton	200	May 16, 1940	A	-	-	-	401	90	830	131	1,880	790	-	.5	-	4,050	1,370	57	5,570	-
F-14	do	200	June 23, 1940	A	-	-	-	381	87	756	165	1,720	725	-	.5	-	3,750	1,310	56	5,150	-
F-15	W. A. Halamiecik	-	June 28, 1949	A	30	-	-	212	74	256	178	876	235	-	1.8	-	1,770	834	41	2,460	8.1
F-21	Faustino Lara	80	July 7, 1959	A	-	-	-	-	-	-	222	-	5,320	-	-	-	-	-	-	15,800	6.2
F-26	T. S. Ingle	77	Feb. 12, 1940	A	-	-	-	487	140	371	142	1,550	615	-	-	-	3,240	1,790	31	4,260	-
F-35	Cecil Lee	-	Nov. 2, 1939	A	-	-	-	744	258	1,180	234	2,450	1,950	-	-	-	6,700	2,920	47	9,100	-
F-39	Marvin Clark	51	May 15, 1940	A	-	-	-	710	167	594	187	1,760	1,240	-	23	-	4,590	2,460	34	6,260	-
F-44	C. J. Anderson	643	Aug. 26, 1959	A	34	-	-	172	57	1,480	142	1,750	1,370	-	.8	-	4,930	664	83	6,890	7.1
F-48	J. M. Hickey	2,900	Sept. 16, 1940	-	-	-	-	497	129	399	136	1,830	440	-	3.3	-	3,360	1,770	33	4,240	-
G-3	Shelby Brooks	-	Nov. 19, 1948	A	20	-	-	578	48	65	133	1,530	37	-	34	-	2,380	1,640	8	2,580	-

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH
G-3	Shelby Brooks	-	Aug. 6, 1959	A	25	-	-	610	64	92	242	1,640	24	-	55	-	2,630	1,780	10	2,740	7.0
G-8	J. A. Burchard	178	Mar. 14, 1940	A	-	-	-	480	125	303	99	1,810	284	-	-	-	3,060	1,710	28	3,720	-
G-8	do	200	Aug. 4, 1959	A	32	-	-	600	92	325	159	1,980	275	-	3.8	-	3,390	1,880	27	3,760	7.3
G-11	do	75	May 16, 1940	A	-	-	-	588	138	220	125	1,980	242	-	7.3	-	3,240	2,040	19	3,750	-
G-11	do	75	Aug. 6, 1959	A	26	-	-	560	143	326	142	2,110	265	-	8.3	-	3,510	1,980	26	3,860	6.9
G-14	Grover C. Smith	Spring	May 28, 1940	C	-	-	-	577	187	243	112	2,230	265	-	.0	-	3,560	2,210	19	4,110	-
G-15	State of Texas	Spring	do	C	-	-	-	560	182	207	112	2,090	231	-	.0	-	3,330	2,150	17	3,930	-
G-16	Tri-State Credit Men's Ass'n.	Spring	do	C	-	-	-	563	186	182	156	2,170	130	-	.0	-	3,300	2,170	15	3,670	-
G-17	W. H. Rosenfeld	Spring	do	C	-	-	-	530	157	84	181	1,850	55	-	.0	-	2,770	1,970	9	3,020	-
G-21	A. B. Tinnin	-	Sept. 21, 1940	-	-	-	-	265	119	49	234	957	34	-	25	-	1,560	1,150	84	1,990	-
G-23	B. R. Parker	Spring	May 28, 1940	C	-	-	-	375	104	285	148	1,250	394	-	2.5	-	2,490	1,360	31	3,360	-
G-24	do	Spring	do	C	-	-	-	372	103	250	122	1,220	368	-	2.0	-	2,380	1,350	29	3,240	-
G-24	do	Spring	Aug. 27, 1959	C	22	-	-	392	92	253 11	178	1,260	350	-	7.5	0.25	2,480	1,360	29	3,140	7.0
G-25	Gulf Oil Corp.	56	Sept. 16, 1959	C	-	-	-	-	-	-	212	1,520	445	-	-	-	-	1,580	-	3,710	6.8
G-29	Warren Wright	-	Aug. 13, 1959	-	32	-	-	510	209	505	268	2,000	610	2.5	77	-	4,080	2,130	34	4,870	7.0
G-30	J. Van Gieson	-	do	-	-	-	-	-	-	-	220	-	850	-	-	-	-	2,250	-	5,580	7.0
G-31	..	-	Apr. 1948	-	9.0	-	-	555	169	194	86	2,120	158	-	.8	-	3,250	2,080	17	3,570	-
H-7	Hubert Nunn	1,315	July 28, 1959	A	34	-	-	460	175	438 19	125	1,930	540	1.7	1.5	.60	3,660	1,870	33	4,420	6.8
H-12	G. Montgomery	300	Oct. 4, 1948	A	34	-	-	516	153	424	124	1,900	535	-	6.0	.87	3,630	1,920	32	4,390	-
H-16	Tom Bell	780	June 2, 1949	A	29	-	-	510	151	445	164	1,860	558	-	5.2	-	3,640	1,890	34	4,600	7.3
H-20	J. A. Burchard	60	Mar. 14, 1940	A	-	-	-	-	-	-	-	-	436	-	-	-	-	-	-	5,460	-
H-20	do	60	Aug. 4, 1959	A	22	-	-	490	150	488	110	2,330	272	-	.5	-	3,810	1,840	37	4,260	6.5
H-21	W. A. Halamecik, Jr.	-	Aug. 8, 1940	A	-	-	-	782	193	521	59	2,520	855	-	1.8	-	4,900	2,750	29	6,030	-
H-25	do	-	May 16, 1940	A	-	-	-	658	96	211.	104	1,750	385	-	55	-	3,210	2,040	18	3,920	-
H-39	J. L. Harper	1,205	July 27, 1959	A	26	-	-	545	156	626 18	132	1,870	950	1.9	9.6	.49	4,270	2,000	40	5,450	7.2

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> ) <sub>4</sub>	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH
H-41	Warren Wright	-	Oct. 3, 1939	-	-	-	-	576	239	762	138	2,940	640	-	-	-	5,230	2,420	41	6,330	-
H-44	Cary W. Hosie	-	Aug. 4, 1959	-	35	-	-	402	92	238	132	1,490	165	-	8.2	-	2,500	1,380	27	2,870	6.9
H-46	Holcombe & McNeil	120	July 28, 1959	A	54	-	-	288	66	426	177	848	228	-	84	-	2,080	990	65	2,430	6.9
H-47	R. Von Trotha	-	Oct. 10, 1948	-	50	-	-	638	181	355	168	1,870	690	-	64	1.3	3,930	2,340	25	5,190	-
H-48	W. H. Groves Estate	1,440	Oct. 13, 1930	R	22	0.08	-	626	221	580 20	219	2,560	645	-	.1	-	4,780	2,470	34	-	-
H-48	do	1,440	Apr. 14, 1932	R	-	-	-	651	223	744	204	2,690	845	-	-	-	5,250	2,540	39	-	-
H-57	B. R. Barbee	156	Aug. 8, 1940	-	-	-	-	598	134	416	121	1,850	650	-	11	-	3,720	2,040	31	4,770	-
J-4	Cecil Cothrun	600	Aug. 26, 1959	A	28	-	-	370	101	580 13	129	1,680	522	-	86	.94	3,440	1,340	48	4,310	7.0
J-15	Paul Armstrong	135	Mar. 7, 1950	A	32	-	-	614	232	1,180	195	2,210	1,840	-	6.5	.88	6,210	2,490	51	8,370	7.2
J-16	E. C. Schwalbe	96	Dec. 19, 1939	A	-	-	-	423	118	355	170	1,250	620	-	-	-	2,850	1,540	33	3,960	-
J-17	do	76	Jan. 6, 1940	A	-	-	-	543	113	429	198	1,500	730	-	-	-	3,410	1,820	34	4,570	-
J-18	Arthur Schmid	308	Oct. 9, 1939	A	-	-	-	320	97	932	142	1,700	945	-	-	-	4,070	1,200	63	5,790	-
J-18	do	308	Aug. 7, 1959	A	29	-	-	328	82	803 17	133	1,620	810	-	11	.88	3,770	1,160	60	4,960	6.9
J-19	do	89	Jan. 15, 1940	A	-	-	-	-	-	-	-	-	685	-	-	-	-	-	-	3,580	-
J-23	O. H. Beauchamp	590	Oct. 4, 1948	A	24	-	-	378	112	450	163	1,180	720	-	5.6	-	2,950	1,400	41	4,140	-
J-24	T. J. Wilson	484	Mar. 28, 1950	A	29	-	-	406	122	393	118	1,340	620	-	4.0	.77	2,970	1,510	36	4,040	7.6
J-25	W. B. Waters	615	July 28, 1949	A	22	-	-	380	128	442	164	1,170	760	-	14	.53	3,000	1,480	39	4,420	7.4
J-36	Jack Williams	300	July 27, 1959	A	-	-	-	-	-	1,740 -	113	-	2,000	-	-	-	-	1,380	73	8,900	6.8
J-37	J. M. Williams	-	Jan. 25, 1941	A	-	-	-	498	128	412	149	1,520	675	-	10	-	3,320	1,770	34	4,430	-
J-37	do	-	Apr. 11, 1947	A	-	-	-	472	109	385	154	1,300	690	-	11	-	3,040	1,630	34	4,200	-
J-38	Jack Williams	182	do	A	-	-	-	472	106	380	148	1,200	750	-	15	-	3,000	1,610	34	4,160	-
J-38	do	625	Apr. 3, 1950	A	32	-	-	296	105	715	138	1,600	670	-	.5	.74	3,490	1,170	57	4,630	7.2
J-39	do	632	Apr. 27, 1947	A	-	-	-	532	136	445	132	1,160	1,040	-	90	-	3,470	1,890	34	5,310	-
J-41	H. P. Bryan	400	June 24, 1949	A	28	-	-	344	124	402	185	1,070	690	-	3.8	.65	2,750	1,370	39	3,980	7.5
J-49	Leo Schneider	400	Oct. 1948	A	32	-	-	340	97	345	172	940	620	-	5.0	-	2,460	1,250	38	3,580	-

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> ) <sub>3</sub>	Sulfate (SO <sub>4</sub> ) <sub>4</sub>	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH
J-58	J. W. Lumpkin	645	June 22, 1950	A	32	0.00	-	248	71	590 -	181	1,160	590	-	2.5	0.46	2,780	911	58	4,060	7.4
J-70	T. R. Chenoweth	410	Oct. 4, 1948	A	23	-	-	390	127	419	164	1,230	702	-	5.7	.71	2,980	1,500	38	4,170	-
J-83	Texas Cotton Industries	1,015	July 27, 1959	A	34	-	-	162	39	914 -	158	1,180	790	-	48	.75	3,250	564	78	4,660	7.4
J-90	Coy Nichols	885	Oct. 4, 1948	A	26	-	-	314	105	397	197	917	680	-	3.8	-	2,540	1,220	42	3,710	-
J-96	C. Sargent	600	June 27, 1949	A	25	-	-	306	133	346	208	928	655	-	3.8	.62	2,500	1,310	36	3,760	7.7
J-110	R. H. Brown	215	Sept. 7, 1949	-	29	-	-	318	100	400 -	198	950	660	-	3.5	.33	2,560	1,200	42	3,710	7.2
J-112	R. J. Yarbrough	217	Sept. 13, 1933	A	-	-	-	276	87	405	237	769	660	0.8	1.4	-	2,320	1,050	46	-	-
J-112	do	217	Apr. 16, 1940	A	-	-	-	289	89	395	235	773	670	-	5.6	-	2,340	1,090	44	3,590	-
J-112	do	217	Nov. 6, 1946	A	-	-	-	740	127	375	164	1,780	810	-	69	-	3,980	2,370	26	5,210	-
J-116	C. K. Hutchins	700	Apr. 11, 1947	A	-	-	-	446	96	379	198	1,010	730	-	110	-	2,870	1,510	35	4,090	-
J-118	Howard Arnold	560	Mar. 28, 1950	A	43	-	-	856	190	783	152	1,910	1,510	-	468	1.6	5,840	2,920	37	7,560	7.1
J-119	do	330	Apr. 16, 1940	A	-	-	-	309	97	416	224	826	714	-	31	-	2,500	1,170	44	3,820	-
J-119	do	330	Nov. 6, 1946	A	-	-	-	300	92	368	242	765	660	-	3.0	-	2,310	1,130	42	3,580	-
J-120	Ronald Roberson	135	Nov. 17, 1939	-	-	-	-	284	87	395	240	760	665	-	-	-	2,310	1,070	45	3,600	-
J-121	W. H. Boyd	210	Feb. 8, 1947	A	-	-	-	306	92	381	240	781	680	-	1.5	-	2,360	1,140	42	3,520	-
J-122	M. E. Clark	165	Dec. 21, 1939	A	-	-	-	297	93	355	172	791	660	-	-	-	2,280	1,120	41	3,520	-
J-127	B. T. Biggs	285	Mar. 1, 1943	A	-	-	-	294	87	391	232	757	682	-	.8	-	2,330	1,090	44	-	-
J-129	David Hess	319	Apr. 17, 1940	A	-	-	-	302	91	406	239	801	695	-	1.5	-	2,410	1,130	44	3,670	-
J-129	do	319	Nov. 14, 1946	A	-	-	-	-	-	-	206	785	715	-	-	-	-	-	-	3,630	-
J-131	J. R. Davis	420	June 24, 1949	A	28	-	-	280	114	372	236	805	670	-	.8	-	2,390	1,170	41	3,670	8.0
J-139	C. K. Hutchins	443	Aug. 28, 1959	A	30	-	-	325	91	383 15	194	912	670	-	5.7	.37	2,530	1,180	41	3,520	6.7
J-141	Mrs. L. Brooks	225	Apr. 28, 1947	A	-	-	-	278	82	413	216	757	680	-	5.5	-	2,320	1,030	47	3,490	-
J-142	do	185	Apr. 16, 1940	A	-	-	-	276	90	397	234	753	670	-	3.0	-	2,300	1,060	45	3,570	-
J-142	do	185	Nov. 1, 1946	A	-	-	-	284	92	402	248	780	670	-	2.0	-	2,350	1,090	45	3,610	-
J-146	C. S. Hess	315	June 24, 1949	A	28	-	-	544	139	408	167	1,330	840	-	135	.71	3,510	1,930	31	4,970	7.2

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH
J-148	P. McKinney	500	Apr. 16, 1947	A	-	-	-	300	95	361	196	769	680	-	3.5	-	2,310	1,140	41	3,460	-
J-149	do	655	Apr. 11, 1947	A	-	-	-	316	85	368	250	752	670	-	5.0	-	2,320	1,140	41	3,570	-
J-150	P. J. McKinney	228	Nov. 13, 1946	A	-	-	-	800	123	549	202	1,590	1,240	-	159	-	4,560	2,500	32	6,280	-
J-180	David Davis	324	June 23, 1949	A	29	-	-	244	98	399	234	724	660	-	2.8	0.69	2,270	1,010	46	3,670	7.7
J-191	Ted Johnston	385	July 27, 1959	A	-	-	-	-	-	665 27	119	-	1,620	-	-	-	-	3,320	30	8,060	6.8
J-200	Balmorhea Ranches Inc.	96	Jan. 13, 1940	A	-	-	-	-	-	-	-	-	720	-	-	-	-	-	-	3,680	-
J-207	J. F. Hightower	545	July 27, 1959	A	34	-	-	358	100	533 20	223	839	1,010	0.9	62	.29	3,070	1,300	47	4,550	6.6
J-217	M. C. Dixon	504	Aug. 29, 1959	A	31	-	-	302	85	409 16	220	798	680	-	63	.35	2,490	1,100	44	3,550	6.9
J-245	Duke & Shaw	190	Nov. 7, 1946	A	-	-	-	296	86	385	230	787	650	-	5.0	-	2,320	1,090	43	3,500	-
J-246	T. Lattner	475	Aug. 28, 1959	A	34	-	-	398	124	456 22	199	970	810	-	217	.31	3,130	1,500	39	4,310	6.7
J-279	J. B. Kirklin	828	July 28, 1959	A	35	-	-	288	97	456 19	212	792	820	1.2	1.0	.34	2,610	1,120	46	3,890	6.7
J-293	Farms, Inc.	800	June 23, 1949	A	28	-	-	222	105	443	238	729	705	-	1.2	.42	2,350	986	49	3,870	7.2
J-308	H. C. Tanner	532	Sept. 24, 1948	A	34	-	-	270	93	399	236	774	655	-	1.2	.57	2,340	1,060	45	3,530	-
J-310	Worsham & Evans	267	do	A	32	-	-	266	92	390	228	774	635	-	3.8	.45	2,310	1,040	45	3,470	-
J-315	P. McKinney	400	Oct. 4, 1948	-	24	-	-	350	119	450	180	1,130	720	-	2.8	-	2,880	1,360	42	4,130	-
J-317	R. H. Brown	685	Aug. 28, 1959	A	32	-	-	410	101	519 17	173	1,180	850	-	41	.45	3,240	1,440	44	4,370	6.8
J-322	E. E. Crow	360	Nov. 7, 1946	-	-	-	-	280	92	423	250	770	700	-	3.5	-	2,390	1,080	46	3,640	-
J-323	Ord Gary	1,314	Aug. 3, 1948	-	58	0.00	-	254	92	426 18	112	1,160	465	2.2	.0	.78	2,530	1,010	47	3,550	7.5
J-326	-	179	June 29, 1949	-	24	-	-	476	183	323	125	1,820	450	-	14	.88	3,350	1,440	27	4,180	7.8
K-18	Gross Bros.	400	Mar. 7, 1949	A	29	-	-	294	118	358	225	844	660	-	2.8	.37	2,420	1,220	39	3,660	7.4
K-19	H. L. Teaney	190	Sept. 13, 1933	A	-	-	-	296	92	388	228	801	665	.9	1.2	-	2,360	1,120	43	-	-
K-19	do	190	Sept. 18, 1939	A	-	-	-	-	-	-	-	-	672	-	-	-	-	-	-	3,600	-
K-19	do	215	Aug. 18, 1959	A	33	-	-	295	82	411	222	790	680	1.2	1.5	-	2,400	1,070	45	3,510	6.9
K-22	Bertha Haenel	80	Oct. 9, 1939	A	-	-	-	438	121	665	282	1,060	1,210	-	-	-	3,630	1,590	48	5,500	-
K-23	Louis Roberson	60	Oct. 10, 1939	A	-	-	-	746	65	229	163	1,440	702	-	-	-	3,270	2,130	19	4,310	-

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH	
K-23	Louis Roberson	60	Mar. 20, 1950	A	64	-	-	788	82	339	137	1,530	940	-	12	0.37	3,820	2,300	24	4,950	7.3	
K-27	J. A. Worsham	-	Feb. 17, 1959	A	-	0.26	a	232	72	332	203	700	540	1.7	9.1	-	2,240	880	45	3,740	7.3	
K-28	do	140	Sept. 6, 1939	A	-	-	-	406	83	-	-	1,100	460	-	-	-	-	-	-	3,290	-	
K-28	do	140	Mar. 5, 1940	A	-	-	-	-	-	-	-	-	400	-	-	-	-	-	-	3,210	-	
K-28	do	140	Aug. 10, 1940	A	-	-	-	410	89	289	202	1,160	420	-	63	-	2,530	1,390	31	3,470	-	
K-30	City of Pecos	198	Feb. 2, 1952	A? & S	88	3.0	-	101	27	56	214	180	82	1.4	9	-	658	363	25	-	7.9	
K-30	do	198	do	A? & S	38	1.5	-	116	29	63	226	181	117	1.4	8	-	675	409	25	-	7.6	
K-30	do	198	Feb. 5, 1958	A? & S	-	.43	a	166	65	114	171	279	350	1.2	7.0	-	1,570	685	27	2,620	6.9	
K-30	do	198	Aug. 5, 1958	A? & S	-	.14	-	192	58	122	163	306	356	1.2	8	-	1,440	722	27	2,400	7.0	
K-31	do	170	Sept. 14, 1943	S	19	.08	-	79	20	73	219	146	67	1.5	10	-	523	279	36	805	7.8	
K-31	do	170	Aug. 16, 1948	S	30	.06	a	84	24	64	204	160	75	1.4	8	-	588	308	31	-	7.8	
K-31	do	170	June 10, 1951	S	38	.18	a	94	25	78	201	184	103	1.3	7	-	678	338	34	-	7.9	
K-31	do	170	June 15, 1951	S	62	1.1	a	113	25	75	177	181	153	1.3	4.9	-	752	385	31	-	7.5	
K-31	do	170	Aug. 15, 1952	S	36	.08	a	92	25	88	195	198	107	1.2	8	-	690	333	37	-	7.6	
*K-31	do	170	Dec. 17, 1958	S	32	.00	0.00	212	54	130	7.6	164	329	390	1.2	9.0	.30	1,250	751	27	2,020	7.1
K-32	do	187	May 11, 1933	S	33	.23	-	88	22	68	4.8	219	168	70	1.2	11	-	587	310	33	-	-
K-32	do	187	July 17, 1940	S	20	.02	-	90	23	77	9.8	208	184	80	1.2	11	.80	625	319	35	946	-
K-32	do	187	Aug. 16, 1948	S	30	.22	a	100	33	64	170	214	89	1.3	9	-	700	385	28	-	7.5	
K-32	do	187	Dec. 27, 1957	S	-	.02	a	100	29	81	-	190	245	92	1.4	10	-	690	370	32	1,150	6.9
K-33	J. A. Worsham	125	Mar. 5, 1940	S	-	-	-	201	31	88	218	492	92	-	-	-	1,010	629	23	1,460	-	
K-33	do	125	Feb. 18, 1942	S	-	-	-	-	-	-	216	-	84	-	-	-	964	518	-	1,330	-	
K-33	do	125	Oct. 17, 1951	S	31	.20	-	90	24	72	220	181	75	1.5	7	-	611	323	33	-	7.5	
K-34	W. H. Holcombe	-	do	S	40	.12	-	139	44	148	214	344	220	2.0	8	-	1,080	528	38	-	7.7	
K-34	do	-	Mar. 23, 1959	S	-	.34	a	120	46	159	-	206	355	232	1.8	7.1	-	1,040	490	41	1,740	7.5
K-35	Bertha Graebner Estate	140	Sept. 9, 1957	A	-	.06	-	352	98	388	-	205	907	655	2	.4	-	2,510	1,290	40	5,220	6.8

\*K-31 Phosphate (PO<sub>4</sub>) 0.01.  
See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (Micromhos at 25°C)	pH
K-38	Balmorhea Ranches, Inc.	-	July 29, 1924	-	-	-	-	304	87	504	266	831	800	-	-	-	2,790	1,120	-	-	-
K-38	do	-	Jan. 22, 1941	-	35	0.06	-	308	99	485 21	282	844	800	0.4	0.8	0.15	2,730	1,180	48	4,080	-
K-39	Minnie McCall	-	Oct. 10, 1939	-	-	-	-	298	92	380	136	784	724	-	-	-	2,350	1,120	42	3,740	-
L-20	J. A. Worsham	-	Feb. 17, 1959	A?	-	1.0	a	390	88	200 -	248	950	435	1.8	14	-	2,330	1,340	25	3,890	7.0
L-21	do	-	do	A	-	.18	a	500	194	635 -	226	700	1,760	1.1	11	-	4,950	2,060	40	8,250	7.0
L-23	H. Anthony, Jr.	80	Dec. 20, 1939	A	-	-	-	-	-	-	-	-	1,060	-	-	-	-	-	-	4,580	-
L-24	Ralph Burkholder	60	Oct. 27, 1930	S?	-	-	-	81	21	76	237	154	65	-	8.0	-	521	289	36	-	-
L-24	do	60	July 23, 1940	S	-	-	-	113	33	81	190	291	93	-	4.8	-	709	418	30	1,150	-
L-25	S. E. Ligon	160	Mar. 6, 1959	S	32	-	-	70	20	70	222	138	50	1.3	12	-	516	256	37	797	7.5
L-26	do	200	Mar. 13, 1959	A & S?	-	5.2	a	82	19	60 -	250	115	76	.6	b	-	496	285	32	826	7.0
L-30	D. W. Bozeman	230	Oct. 13, 1958	A & S	-	.08	-	69	22	79 -	201	185	63	1.5	9	-	499	263	40	332	7.3
L-32	do	247	Oct. 10, 1958	A & S	-	.02	-	90	28	85 -	190	240	64	1.6	13	-	587	340	35	379	7.3
L-39	City of Pecos	245	Aug. 5, 1958	A & S	-	.2	-	160	48	114 -	135	527	69	2.6	53	-	1,200	600	29	2,000	7.2
L-40	do	223	Jan. 17, 1958	S	-	.04	-	70	19	74 -	211	132	65	1.4	7.5	-	409	255	39	682	7.1
L-40	do	223	Oct. 14, 1958	S	-	.02	-	72	23	64 -	205	155	65	1.4	7	-	474	275	34	790	7.3
L-41	do	252	do	S	-	.20	-	72	24	62 -	212	155	68	1.4	6	-	474	278	33	790	7.3
L-43	do	250	Nov. 21, 1956	A? & S	-	.13	-	72	24	65 -	194	142	65	1.6	6.0	-	402	280	34	770	7.2
L-44	do	250	do	S	-	.02	-	74	21	65 -	195	144	64	1.6	7.1	-	462	274	34	770	7.3
L-44	do	250	do	S	-	.48	-	71	23	65 -	199	144	65	1.6	6.6	-	470	274	34	784	7.2
L-46	do	160	Jan. 24, 1953	S	27	.10	-	81	20	64 -	214	141	67	1.2	9	-	555	284	33	-	7.6
L-46	do	160	Feb. 27, 1956	S	25	2.2	-	77	18	73 -	214	141	67	1.2	10	-	554	266	37	-	7.4
L-48	do	173	Apr. 25, 1954	S	27	.04	-	75	20	73 -	220	144	64	1.4	8	-	548	269	37	-	7.6
*L-48	do	173	Dec. 16, 1958	S	28	.00	.00	76	17	67 4.7	213	137	64	1.4	8.0	.27	519	260	35	811	7.3
L-49	do	180	May 14, 1954	S	24	.06	-	76	20	70 -	214	146	64	1.3	8	-	543	272	36	-	7.5
L-49	do	180	Aug. 23, 1954	S	31	.22	-	72	21	77 -	220	146	67	1.4	8	-	514	266	39	-	7.5

\*L-48, Phosphate (PO<sub>4</sub>) 0.01.

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH
L-49	City of Pecos	180	Mar. 22, 1957	S	-	0.08	-	65	20	70 -	209	142	63	1.4	7.8	-	505	248	38	-	7.2
L-50	do	160	June 14, 1954	S	34	.23	-	75	23	76 -	226	155	67	1.4	7	-	550	282	37	-	7.6
L-50	do	160	Aug. 25, 1954	S	30	.07	-	80	21	78 -	232	152	71	1.2	10	-	580	286	37	-	7.5
L-52	do	160	Jan. 16, 1953	S	28	.08	-	79	20	66 -	220	140	64	1.2	9	-	544	279	34	-	7.5
L-52	do	160	Apr. 27, 1954	S	34	.04	-	72	23	70 -	220	140	67	1.3	8	-	544	274	36	-	7.4
L-53	do	176	Feb. 11, 1953	S	17	.36	-	83	23	59 -	214	152	64	1.2	9	-	492	302	30	-	7.6
L-53	do	176	Nov. 7, 1955	S	30	1.5	-	75	19	85 -	214	161	75	1.2	4.4	-	539	265	41	-	7.8
L-54	do	150	Apr. 15, 1952	S	48	.6	-	78	19	75 -	232	145	67	1.2	4.9	-	578	273	37	-	8.0
L-54	do	150	June 26, 1953	S	26	.05	-	76	20	78 -	226	141	71	1.3	10	-	545	272	38	-	7.8
L-55	do	214	May 25, 1951	S	41	3.7	-	146	22	79	244	141	199	1.4	1.8	-	815	455	27	-	7.2
L-55	do	214	June 27, 1951	S	31	.06	-	81	22	80	238	160	71	1.2	4.4	-	565	290	37	-	7.9
L-55	do	214	Dec. 8, 1955	S	26	.25	-	74	20	82	220	152	75	1.4	8	-	515	267	40	-	7.5
L-56	do	200	June 9, 1950	A? & S	23	.24	-	81	23	68	214	154	71	1.3	10	-	562	297	33	-	7.4
L-56	do	200	Dec. 27, 1957	A? & S	-	.04	-	84	28	78 -	200	193	90	1.4	8.0	-	624	325	34	1,040	6.9
L-56	do	200	Feb. 5, 1958	A? & S	-	1.2	a	156	50	101 -	171	258	320	1.2	6.6	-	1,410	600	27	2,350	6.9
L-56	do	200	Aug. 5, 1958	A? & S	-	.28	-	100	28	80 -	198	188	115	1.4	9	-	780	365	32	1,300	7.2
*L-56	do	200	Dec. 17, 1958	A? & S	31	.00	0.00	108	29	82 5.0	190	206	130	1.3	9.3	0.30	731	388	31	1,100	7.2
L-57	do	191	Sept. 14, 1943	A? & S	30	.15	-	86	20	64	217	149	65	1.3	9.2	-	584	296	32	842	7.9
L-57	do	191	June 6, 1950	A? & S	27	.50	a	81	22	87	220	186	71	1.3	10	-	546	293	39	-	7.6
L-57	do	191	Dec. 27, 1957	A? & S	-	.08	-	116	38	94 -	193	243	177	1.4	8.0	-	870	450	31	1,450	6.9
**L-57	do	191	Dec. 17, 1958	A? & S	30	.00	.00	140	38	92 5.7	183	242	204	1.3	8.5	.30	852	506	28	1,370	7.3
L-58	do	300	Dec. 5, 1939	S	25	.10	-	86	22	70 3.2	210	168	72	1.5	7.5	.15	559	305	34	879	-
L-58	do	300	Apr. 8, 1952	S	34	.70	a	88	21	73	220	155	82	1.3	10	-	583	306	34	-	8.2
L-59	do	211	Dec. 5, 1939	S	24	.03	-	78	22	69 3.2	211	149	69	1.5	7.5	-	527	285	35	842	-
L-59	do	211	Sept. 4, 1946	S	-	-	-	-	-	-	216	155	72	-	9.6	-	-	338	-	-	7.0

\*L-56, Phosphate (PO<sub>4</sub>) 0.01.\*\*L-57, Phosphate (PO<sub>4</sub>) .02.

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH
L-59	City of Pecos	211	Aug. 16, 1948	S	29	0.08	a	81	22	71	214	152	75	1.4	8	-	562	293	35	-	7.5
L-59	do	211	Dec. 27, 1957	S	-	.12	a	76	19	84	210	183	74	1.4	8.0	-	567	270	41	945	7.0
M-12	Jim Deakins	-	Mar. 4, 1959	A?	38	-	-	188	39	180	245	530	180	1.5	12	-	1,290	630	38	1,880	7.4
M-14	do	-	do	S?	44	-	-	188	41	162	230	546	160	-	10	-	1,260	638	36	1,810	7.3
M-15	do	44	July 24, 1940	SCP	-	-	-	182	48	102	188	486	145	-	9.8	-	1,060	652	25	1,620	-
M-17	S. E. Ligon	180	July 23, 1940	SCP	-	-	-	97	26	48	264	142	61	-	4.0	-	508	349	23	851	-
M-17	do	180	Dec. 15, 1958	S	-	1.6	-	100	24	78	260	178	67	1.0	4.9	-	567	348	33	945	7.4
M-18	do	-	Mar. 23, 1959	SCP	-	1.6	a	100	23	105	210	235	109	1.2	4.4	-	565	345	40	942	7.5
N-2	TXL Oil Corp.	-	Sept. 11, 1959	-	-	-	-	-	-	-	206	1,510	545	-	-	-	-	1,580	-	4,000	7.1
N-3	do	-	Sept. 21, 1940	-	-	-	-	82	55	582	259	1,010	305	-	.2	-	2,160	430	75	3,220	-
N-3	do	-	Sept. 11, 1959	-	-	-	-	-	-	-	259	991	335	-	-	-	-	395	-	3,150	7.6
N-5	A. B. Tinnin	-	May 28, 1940	-	-	-	-	449	103	192	150	1,430	245	-	6.5	-	2,500	1,540	21	3,110	-
N-6	Frank B. Kistler	2,960	do	-	-	-	-	579	132	142	138	1,800	223	-	.0	-	2,940	1,990	13	3,440	-
N-7	Guy C. Caldwell	Spring	do	C?	-	-	-	454	105	248	167	1,380	375	-	1.0	-	2,650	1,560	26	3,500	-
N-9	do	-	Aug. 27, 1959	C?	-	-	-	-	-	-	141	1,580	520	-	-	-	-	1,080	-	4,190	7.0
N-12	do	-	Sept. 20, 1940	C	-	-	-	176	78	458	215	1,020	360	-	7.6	-	2,210	760	57	3,150	-
N-16	do	-	Sept. 15, 1959	C	-	-	-	-	-	-	290	347	92	-	-	-	-	86	-	1,470	7.6
N-17	do	106	Sept. 20, 1940	A?	-	-	-	55	11	160	226	240	51	-	29	-	657	182	66	1,050	-
N-30	W. D. Johnson Estate	188	May 29, 1940	A	-	-	-	66	15	189	236	299	92	-	4.0	-	781	226	65	1,270	-
N-31	do	205	do	A	-	-	-	101	25	342	203	669	166	-	.5	-	1,400	355	68	2,080	-
P-1	W. M. Wright	1,045	Dec. 10, 1932	-	25	.23	-	406	109	190	194	1,450	148	-	.2	-	2,420	1,460	22	-	-
P-3	T & P RR Co.	832	Nov. 14, 1939	C	-	-	-	344	87	176	194	1,210	125	-	-	-	2,040	1,220	24	2,610	-
P-5	Toyah High School	813	do	C	-	-	-	-	-	-	-	-	132	-	-	-	-	-	-	2,520	-
P-5	do	813	July 13, 1956	C	26	-	-	321	80	191 14	240	1,150	134	3.2	.0	-	2,040	1,130	27	2,540	7.4
P-9	A. R. Eritt	-	Sept. 20, 1940	-	-	-	-	305	89	233	182	1,200	164	-	.2	-	2,080	1,130	31	3,680	-

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH
P-10	Billie Prewit	130	Feb. 26, 1940	A	-	-	-	-	-	-	-	-	675	-	-	-	-	-	-	3,560	-
P-15	N. H. Rogers	-	Aug. 1959	-	40	-	-	385	173	529	229	2,080	332	-	0.8	-	3,650	1,670	41	4,250	6.7
P-25	M. J. Marion	-	Apr. 16, 1940	-	-	-	-	118	31	226	185	548	136	-	.5	-	1,150	422	54	1,790	-
P-32	Joe Dorado	1,040	July 10, 1959	C	21	-	-	300	65	232 16	203	1,120	155	2.3	.0	0.41	2,010	1,020	33	2,520	6.5
P-34	S. M. Prewit	120	Sept. 14, 1940	A	-	-	-	256	88	457	269	733	715	-	3.8	-	2,380	1,000	50	3,710	-
P-56	Jerry Jenkins	720	Aug. 29, 1959	A	34	-	-	265	83	437 17	249	776	700	-	3.0	.46	2,440	1,000	48	3,560	6.8
Q-7	B. H. Merjil	575	Nov. 7, 1946	A	-	-	-	342	104	425	258	919	730	-	10	-	2,660	1,280	42	4,000	-
Q-11	S. N. Twilley	600	July 27, 1959	A	36	-	-	340	106	405 22	199	776	740	-	250	.33	2,770	1,280	40	4,000	7.0
Q-31	W. B. Evans	865	June 22, 1949	A	35	-	-	312	141	635	281	932	1,090	-	.5	.73	3,280	1,360	50	5,200	7.2
Q-36	Pecos Farms, Inc.	1,150	Dec. 11, 1948	A	48	-	-	626	299	1,530	322	2,010	2,660	-	-	-	7,330	2,790	54	10,500	-
Q-41	J. B. Kirklin	551	Sept. 8, 1949	A	34	-	-	298	126	592 -	261	973	930	-	.0	.53	3,080	1,260	50	4,610	7.2
Q-45	Billie Prewit	300	Jan. 13, 1940	A	-	-	-	-	-	-	-	-	720	-	-	-	-	-	-	3,540	-
Q-47	Paul Durckel	1,230	July 27, 1959	A	34	-	-	278	96	415 20	213	758	730	1.0	1.5	.30	2,440	1,090	45	3,610	6.7
Q-80	W. J. Worsham	278	June 22, 1949	A	32	-	-	232	106	428	244	728	700	-	.5	.55	2,350	1,020	48	3,760	7.2
Q-82	do	327	Sept. 28, 1948	A	30	-	-	206	96	497	198	765	730	-	.8	.51	2,420	908	54	3,820	-
Q-89	Earl Fisher	1,000	Aug. 28, 1959	A	33	-	-	282	102	489 20	227	752	880	-	13	.47	2,680	1,120	48	3,910	6.8
Q-99	J. E. Scott	240	Feb. 1944	A	-	-	-	264	123	684	326	1,070	900	-	1.5	-	3,200	1,160	56	-	-
Q-99	do	240	Nov. 8, 1946	A	-	-	-	272	116	613	328	925	890	-	2.0	-	2,980	656	54	4,550	-
Q-103	Billie Prewit	300	Dec. 17, 1948	A	40	-	-	362	206	1,200	317	1,550	1,760	-	.8	-	5,280	1,750	60	7,820	-
Q-104	do	125	Jan. 13, 1940	A	-	-	-	282	139	765	321	1,130	1,060	-	-	-	3,540	1,280	57	5,240	-
Q-112	Gail Jones	150	Apr. 25, 1947	A	-	-	-	284	105	642	310	968	900	-	7.0	-	3,060	1,140	55	4,490	-
Q-114	L. L. Pate	195	Dec. 3, 1946	A	-	-	-	538	204	911	168	1,830	1,500	-	6.5	-	5,070	2,180	48	7,340	-
Q-134	Macha & Sons	800	July 27, 1959	A	38	-	-	295	38	412 22	214	862	630	-	2.2	.43	2,450	1,080	45	3,500	7.4
Q-135	do	1,508	Aug. 28, 1959	A & C	35	-	-	365	95	365 19	182	1,310	450	-	1.2	.40	2,730	1,300	37	3,430	6.7
Q-152	W. P. Mattox	1,270	July 27, 1959	A	44	-	-	245	90	442 21	226	718	750	1.2	1.5	.41	2,420	982	49	3,640	6.8

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH
Q-153	W. P. Mattox	151	Sept. 27, 1948	A	14	-	-	322	144	705	346	1,050	1,100	-	1.5	0.53	3,510	1,400	52	5,310	-
Q-153	do	151	July 27, 1959	A	-	-	-	-	-	-	267	-	5,960	-	-	-	-	6,470	-	17,200	6.2
Q-155	do	-	Sept. 27, 1948	A	32	-	-	264	128	623	288	991	900	-	3.2	-	3,080	1,190	53	4,640	-
Q-159	Marvin Frazier	153	Nov. 8, 1946	A	-	-	-	312	116	517	288	945	820	-	3.5	-	2,860	1,260	47	4,380	-
Q-160	do	137	Nov. 12, 1946	A	-	-	-	-	-	-	296	734	700	-	-	-	-	-	-	3,680	-
Q-161	J. T. McKinney	1,080	July 28, 1959	A	39	-	-	282	98	445 21	225	835	750	0.9	1.0	.34	2,580	1,110	46	3,790	6.7
Q-164	Loring Box	152	Apr. 25, 1947	A	-	-	-	300	113	655	348	1,010	920	-	3.5	-	3,170	1,210	54	4,440	-
Q-168	Billie Prewit	300	Jan. 13, 1940	A	-	-	-	351	118	601	258	970	1,020	-	-	-	3,190	1,360	49	4,840	-
Q-168	do	300	Dec. 9, 1948	A	40	-	-	365	117	592	274	976	1,020	-	1.0	-	3,250	1,390	48	4,930	-
Q-173	R. C. Weaver	227	Sept. 30, 1948	A	34	-	-	202	99	489	232	775	692	-	1.8	.54	2,410	911	54	3,860	-
Q-175	A. Gardner	155	Jan. 28, 1947	A	-	-	-	240	18	489	29	683	710	-	1.2	-	2,160	673	61	3,330	-
Q-183	W. W. Clem	1,100	Aug. 18, 1950	A	57	-	-	236	101	347 -	194	630	610	-	1.2	.42	2,080	1,000	43	3,160	7.3
Q-193	Swain Thomas	800	Aug. 29, 1959	A	32	-	-	255	88	391 21	211	780	640	-	3.8	.36	2,320	998	45	3,300	7.6
Q-198	M & S Farms	400	Aug. 31, 1949	A	32	-	-	228	102	472	268	742	690	-	1.0	.49	2,400	989	51	3,710	7.1
Q-203	Jewel B. Logan	1,000	Aug. 18, 1950	A	36	-	-	196	85	352 -	216	589	570	-	1.2	.21	1,940	838	48	2,980	7.5
Q-207	Arnold Gardner	1,410	Aug. 29, 1959	A	36	-	-	262	86	392 22	201	848	610	-	2.8	.40	2,360	1,010	45	3,320	6.7
Q-214	C. E. Carlson	500	do	A	20	-	-	310	89	419 20	172	1,460	320	-	.5	.52	2,720	1,140	44	3,330	6.8
Q-222	H. T. Collier	80	Mar. 13, 1941	A	-	-	-	188	89	480	214	712	680	-	3.0	-	2,260	835	56	3,620	-
Q-222	do	80	Nov. 12, 1946	A	-	-	-	266	116	553	338	872	820	-	3.5	-	2,800	1,140	51	4,360	-
Q-244	Texas Cotton Industries	268	Aug. 31, 1949	A	31	-	-	126	99	499 -	286	742	690	-	.8	.45	2,420	946	53	2,560	7.2
Q-256	Swain Thomas	1,400	Aug. 29, 1959	A & C	36	-	-	298	83	357 19	195	984	500	-	34	.42	2,410	1,080	41	3,230	6.8
Q-267	Carrie Eisenwine	100	Oct. 2, 1940	A	-	-	-	214	89	485	264	727	696	-	.5	-	2,340	900	54	3,700	-
Q-283	L. M. Frater	500	Nov. 12, 1946	A	-	-	-	276	88	475	298	777	730	-	.5	-	2,490	1,050	50	3,910	-
Q-284	do	590	Aug. 25, 1950	A	32	-	-	230	94	503 -	284	757	700	-	6.1	.50	2,460	960	53	3,770	7.3
Q-286	do	580	July 28, 1959	A	32	-	-	408	184	803 26	269	1,230	1,440	1.5	17	.50	4,270	1,770	49	6,160	6.7
Q-287	do	210	Oct. 28, 1930	A	25	0.04	-	253	77	513 16	321	772	754	-	1.6	-	2,570	948	55	-	-

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH	
Q-287	L. M. Prater	210	Feb. 19, 1940	A	-	-	-	188	97	574	279	775	765	-	1.8	-	2,540	868	59	3,950	-	
Q-287	do	210	Nov. 12, 1946	A	-	-	-	-	-	-	324	782	755	-	-	-	-	-	-	3,910	-	
Q-288	do	218	Nov. 13, 1946	A	-	-	-	282	124	541	340	848	870	-	3.0	-	2,840	1,210	49	4,400	-	
Q-297	A. R. Eppenauer	140	May 2, 1946	-	-	-	-	-	-	-	207	879	670	-	-	-	-	-	-	-	-	
Q-297	do	319	do	-	-	-	-	-	-	-	208	1,700	221	-	-	-	-	-	-	-	-	
Q-322	F. M. Reeves & Sons	200	Jan. 25, 1947	-	-	-	-	304	90	659	346	914	940	-	2.0	-	3,080	1,130	56	4,690	-	
Q-327	Scott Armstrong	194	June 24, 1949	A	25	-	-	192	128	444	250	751	695	-	5	0.50	2,360	1,010	49	3,770	8	
Q-335	Sage & Hill	700	July 9, 1943	A	-	-	-	202	91	485	290	709	678	-	2.0	-	2,310	878	55	3,650	-	
Q-339	G. B. Scull	82	Oct. 3, 1939	-	-	-	-	-	-	-	-	-	750	-	-	-	-	-	-	3,880	-	
Q-341	Carrie Eisenwine	57	May 17, 1949	A	50	-	-	436	119	592	284	955	1,160	-	2.2	-	3,450	1,580	45	5,280	7.3	
R-1	Billie Prewit	168	Feb. 25, 1940	-	-	-	-	243	95	374	163	670	695	-	-	-	2,160	997	45	3,400	-	
R-3	Atlantic Oil & Refining Co.	185	Mar. 13, 1959	S	-	0.2	a	63	23	82	204	170	67	1.5	11	-	523	253	42	872	7.3	
R-4	do	205	do	S	-	.02	a	82	28	70	185	230	58	1.7	19	-	561	320	32	935	7.0	
R-5	TXL Oil Corp.	-	Dec. 15, 1958	S?	-	.46	-	550	138	1,100	63	2,080	1,410	.8	.4	-	5,500	1,950	55	9,160	8.0	
R-7	W. H. Holcombe	-	May 3, 1933	A?	53	.38	-	402	140	459	16	226	848	1,080	.8	3.9	-	3,110	1,580	38	-	-
R-7	do	-	Jan. 16, 1940	A	-	-	-	308	114	386	150	543	985	-	-	-	2,410	1,240	40	3,650	-	
R-7	do	-	Mar. 23, 1959	A	-	.46	a	680	252	475	-	205	1,110	1,840	.8	b	-	4,560	2,750	27	7,600	7.2
R-12	Loy Collier	160	May 17, 1949	A & S?	44	-	-	566	218	733	193	1,130	1,820	-	2.2	-	4,610	2,310	41	7,230	7.2	
R-15	Howard Maserang	150	Feb. 20, 1959	A & S?	-	.76	a	1,150	462	1,410	-	155	1,880	4,360	1.8	29	-	10,100	4,800	39	16,800	7.2
R-17	do	150	Mar. 23, 1959	A & S?	-	.28	a	169	56	114	-	214	415	252	.8	1.8	-	1,140	640	28	1,900	7.3
R-20	W. H. Holcombe	180	Mar. 8, 1940	A & S?	-	-	-	228	67	178	204	610	304	-	1.5	-	1,490	844	31	2,190	-	
R-21	Billie Prewit	1,360	June 7, 1940	R	-	-	-	595	227	170	77	2,480	99	-	.8	-	3,610	2,420	13	3,870	-	
R-22	do	125	Oct. 22, 1939	A	-	-	-	260	123	622	224	986	920	-	-	-	3,020	1,160	54	4,850	-	
R-23	do	1,200	May 20, 1940	-	-	-	-	206	68	354	95	771	482	-	3.0	-	1,930	794	49	3,120	-	

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH
R-25	TXL Oil Corp	265	Mar. 30, 1959	S	-	0.4	a	78	26	82 -	210	193	87	1.6	9.7	-	486	305	37	810	7.6
R-27	W. H. Holcombe	151	Aug. 31, 1940	A	-	-	-	187	53	66	146	573	78	-	2.2	-	1,030	685	17	1,450	-
R-27	do	151	Mar. 30, 1959	A	-	4.5	a	206	62	99 -	148	688	89	1.2	2.7	-	1,080	775	22	1,800	7.5
R-38	Winterrowd Bros.	398	Mar. 6, 1959	A & S	31	-	-	170	36	91 6.4	251	247	225	.4	1.2	0.08	931	572	25	1,530	7.4
R-41	TXL Oil Corp	-	May 21, 1949	-	37	-	-	99	38	80	101	209	195	-	1.2	-	737	403	30	1,360	8.0
R-41	do	-	Mar. 30, 1959	-	-	.74	a	188	47	91 -	226	308	271	.6	3.1	-	990	665	23	1,650	7.2
R-42	do	110	Aug. 21, 1940	A	-	-	-	125	31	83	180	209	180	-	1.5	-	720	439	29	1,230	-
S-1	Atlantic Oil & Refining Co.	197	Feb. 20, 1959	S	-	-	a	42	36	92 -	201	175	55	1.6	19	-	555	258	44	925	7.5
S-2	do	302	Dec. 15, 1958	S	-	1.1	-	78	26	72 -	205	155	76	1.2	8	-	502	305	34	837	7.3
S-3	do	191	Feb. 20, 1959	S	-	.02	a	63	30	69 -	215	138	71	1.2	9	-	525	285	35	875	7.3
S-5	City of Pecos	86	June 13, 1933	S	-	-	-	148	31	91	204	361	98	1.0	16	-	848	497	29	-	-
S-5	do	86	Mar. 5, 1940	S	-	-	-	106	30	96	212	306	74	-	-	-	718	388	35	1,140	-
S-5	do	86	Oct. 12, 1951	S	13	2.3	-	65	21	72	171	160	64	1.4	12	-	530	249	38	-	7.9
S-6	do	182	Apr. 3, 1959	S	-	.08	a	74	19	75 -	190	183	60	1.2	14	-	542	265	38	904	7.3
S-8	H. F. Anthony & O. B. Tubbs	-	Mar. 30, 1959	-	-	.66	a	68	22	79 -	204	187	57	1.2	15	-	441	260	40	735	7.5
S-10	S. E. Ligon	101	July 23, 1940	A & S	-	-	-	123	30	35	234	170	94	-	5.2	-	572	430	15	971	-
S-10	do	101	Oct. 12, 1951	A & S	22	.4	-	90	19	66	238	146	67	1.2	7	-	572	303	32	-	8.0
S-10	do	101	Mar. 13, 1959	A & S	-	21	a	83	22	65 -	239	116	75	1.0	4.7	-	515	298	32	859	7.0
S-14	J. C. Trees Estate	1,400	July 24, 1940	R	-	-	-	627	259	208	114	2,510	266	-	.2	-	3,930	2,630	15	4,410	-
S-18	do	-	Sept. 9, 1957	-	-	.02	-	166	37	222 -	182	550	185	.9	6.2	-	1,230	566	46	2,050	7.3
S-24	H. F. Anthony, Jr., et al.	86	Oct. 5, 1940	A	-	-	-	88	21	125	382	170	59	-	4.5	-	656	306	47	838	-
S-27	J. M. Rape Estate	120	July 24, 1940	A & S	-	-	-	93	24	42	171	189	54	-	12	-	498	331	22	835	-
S-27	do	120	Mar. 30, 1959	A & S	-	2.1	a	82	23	60 -	190	185	66	2.0	.2	-	429	300	30	715	7.7

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Specific conductance (microhos at 25°C)	pH	
S-28	J. Marvin Pope	-	Oct. 12, 1951	-	37	0.08	-	129	34	19	61	214	168	71	1.5	19	-	462	36	-	7.8
S-29	J. B. Young	-	Mar. 31, 1959	-	-	.36	a	96	19	61	-	214	168	68	1.2	7.1	-	444	320	29	7.7
S-31	J. M. Rape Estate	-	Mar. 23, 1959	-	-	.58	a	106	25	70	-	216	220	90	1.0	7.1	-	370	29	890	7.4
S-33	Mary Rape	-	Mar. 30, 1959	-	-	.74	a	74	18	51	-	222	125	57	1.2	4.4	-	260	30	635	7.8
S-34	J. M. Rape Estate	-	Oct. 12, 1951	A	24	1.7	-	86	23	69	-	220	172	67	1.1	7	-	588	309	32	7.7
S-35	do	-	do	A	29	.11	-	131	31	94	-	256	273	114	1.2	6	-	870	455	31	8.0
S-35	do	-	Mar. 30, 1959	A	96	.22	a	110	24	63	-	221	210	96	.9	4.0	-	498	375	27	7.4
S-44	Elizah Hall	-	Mar. 23, 1959	-	-	.82	a	130	44	86	-	188	440	81	1.0	6.6	-	825	510	27	7.5
S-45	J. M. Rape Estate	-	do	-	-	.5	a	80	6	4	-	215	19	15	.4	12	-	225	4	399	7.4
S-47	do	-	Jan. 16, 1940	ST	210	-	-	210	50	90	-	195	609	94	-	-	-	730	21	1,640	-
S-47	do	-	Mar. 23, 1959	S	145	.44	a	178	50	94	-	216	600	90	.8	11	-	655	24	1,750	7.4
S-50	W. P. Shannon	-	Mar. 19, 1959	A & ST	200	32	-	182	46	95	6.2	182	536	106	-	36	0.51	643	24	1,540	7.8
S-59	Bess R. Hardin	-	Mar. 23, 1959	-	-	.34	a	90	29	64	-	217	157	77	1.2	7.5	-	347	28	795	7.4
S-73	TXL Oil Corp.	-	Mar. 31, 1959	A	102	.05	a	80	24	45	-	220	156	62	.8	1.3	-	295	25	655	7.7
S-74	Phillip Kange et al.	-	Mar. 1, 1940	-	-	-	-	96	26	73	-	204	160	115	-	12	-	584	31	1,000	-
S-82	Betty Hargrave	3,928	Jan. 17, 1940	-	-	-	-	594	240	164	-	134	2,370	179	-	-	-	3,610	2,470	3	3,920
S-83	Bess R. Hardin	-	Nov. 16, 1930	-	32	.04	-	78	31	70	5.1	270	136	86	-	3.6	-	575	322	32	-
S-83	do	-	Jan. 17, 1940	-	-	-	-	79	31	72	-	281	127	84	-	-	-	534	325	33	898
S-83	do	-	Mar. 23, 1959	-	-	7.0	a	82	24	72	-	272	140	77	1.2	1.8	-	305	305	34	760
T-3	Joe Stocks	Spring	June 30, 1959	T	40	-	-	31	3.3	23	-	116	23	9.0	1.1	7.0	-	210	91	35	327
T-6	K. Alexander	5007	do	C	17	-	-	153	66	395	-	216	564	528	1.4	.2	-	1,830	653	57	2,860
T-10	Giffin Estate	700	Oct. 3, 1939	C	-	-	-	190	83	413	-	284	626	588	-	-	-	2,040	815	52	3,270
T-13	State of Texas	450	Sept. 7, 1958	C	14	-	-	225	105	321	-	244	1,130	223	.1	-	-	2,140	994	41	2,870

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH	
T-15	W. D. Johnson Estate	Spring	June 30, 1959	C	19	-	-	222	54	245	262	593	338	-	0.2	-	1,600	776	41	2,370	7.4	
T-17	do	380	do	C	23	-	-	130	25	122	274	216	170	0.6	2.2	-	871	428	38	1,330	6.9	
T-18	do	380	Sept. 7, 1940	C	-	-	-	54	24	112	140	171	130	-	2.2	-	562	233	51	978	-	
T-19	do	Spring	Nov. 2, 1940	-	-	-	-	61	8.3	44	318	12	60	-	2.0	-	290	186	34	498	-	
T-20	do	12	do	-	-	-	-	98	7.4	6	323	11	70	-	2.4	-	291	275	45	640	-	
U-9	do	43	July 31, 1940	A	-	-	-	406	118	465	323	1,200	705	-	7.4	-	3,060	1,500	40	4,380	-	
U-18	Willis Winters	507	Aug. 17, 1959	A	34	-	-	362	92	326 19	241	976	570	1.2	3.5	0.14	2,500	1,280	35	3,460	7.0	
U-20	V. Cook, et al.	800	do	A & C	30	-	-	312	94	286 17	243	854	502	1.4	.2	.28	2,220	1,160	34	3,140	6.9	
U-38	W. E. Moore	687	Aug. 14, 1959	A	30	-	-	235	97	535 22	272	800	790	1.7	4.0	.29	2,650	986	53	3,930	7.0	
U-47	-	-	Nov. 2, 1948	-	36	-	-	168	36	85	181	286	212	-	8.3	-	920	568	24	1,480	-	
U-48	J. T. Moore	696	Aug. 14, 1959	A & C	44	-	-	275	68	156 12	220	507	400	.6	2.0	.12	1,570	945	26	2,340	6.5	
U-58	William Gould	58	Dec. 11, 1946	A	32	0.78	-	178	29	274 6.8	376	517	220	.8	12	-	1,450	563	51	2,190	7.0	
U-62	Dorothy Harding	39	Nov. 10, 1948	A & C?	36	-	-	298	130	665	298	1,170	890	-	7.0	-	3,340	1,280	53	4,900	-	
U-65	Buford Rowe	-	Nov. 4, 1948	-	32	-	-	256	120	539	304	876	805	-	9.2	-	2,790	1,130	51	4,310	-	
U-72	J. T. Moore	158	July 30, 1940	-	-	-	-	221	95	536	276	760	735	-	4.5	-	2,490	942	55	3,920	-	
U-73	W. E. Moore	-	Nov. 3, 1948	-	42	-	-	228	66	154	300	477	302	-	8.3	-	1,430	840	28	2,160	-	
U-75	Rudolf Hoefs	197	Nov. 10, 1948	-	19	-	-	214	100	509	299	760	720	-	.8	-	2,470	945	54	3,880	-	
V-4	Hill & Sage	-	Nov. 13, 1946	-	-	-	-	-	-	-	300	751	705	-	-	-	-	-	-	-	3,650	-
V-8	Jake Broyles	550	July 12, 1950	A	32	-	-	222	94	457 -	276	719	685	-	1.5	.21	2,350	940	51	3,530	7.3	
V-51	Sage & Hill	700	Nov. 13, 1946	A	-	-	-	256	104	484	272	788	760	-	5.0	-	2,530	1,070	50	3,870	-	
V-58	J. F. Browder	575	Aug. 17, 1959	A	28	-	-	212	88	485 20	276	723	690	1.5	1.5	.24	2,390	891	54	3,620	6.9	
V-72	Billie Sal Estes	700	do	A & C?	30	-	-	208	82	477 17	280	690	670	1.3	2.5	.29	2,320	856	54	3,490	7.1	
V-90	F. F. Bradley	1,625	Aug. 29, 1959	A?, C? & R	14	-	-	490	167	206 20	162	1,940	185	-	.0	.74	3,100	1,910	19	3,390	6.6	
V-97	L. A. Weinacht	-	Apr. 18, 1940	-	-	-	-	190	72	420	82	711	620	-	1.0	-	2,060	770	54	3,230	-	
V-99	do	128	do	C?	-	-	-	188	40	206	247	374	346	-	1.5	-	1,230	634	41	2,140	-	

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH	
V-119	Saragosa School District	160	Dec. 6, 1930	-	-	-	-	346	137	595	334	1,010	982	-	15	-	3,250	1,430	48	-	-	
V-119	do	160	Aug. 19, 1940	-	-	-	-	423	163	631	296	1,140	1,170	-	21	-	3,690	1,730	44	5,610	-	
V-120	Sol Mayer Estate	-	Oct. 16, 1950	-	28	-	-	266	122	487	-	248	826	780	11	0.29	2,640	1,160	48	3,910	7.3	
V-121	do	-	Apr. 18, 1940	-	-	-	-	312	140	515	286	891	920	-	17	-	2,940	1,350	45	4,500	-	
V-122	H. R. Honaker	108	Oct. 2, 1940	A	-	-	-	-	-	-	-	-	825	-	-	-	2,970	-	-	4,240	-	
V-126	Ed Williams	420	Aug. 14, 1959	A & C?	41	-	-	190	53	414	11	285	584	1.2	3.0	.34	1,960	692	56	2,960	6.8	
V-132	L. A. Weinacht	119	July 30, 1940	C	-	-	-	228	107	384	178	662	715	-	.8	-	2,180	1,010	45	3,540	-	
V-138	The Chandler Co.	408	Aug. 14, 1959	A & C	12	-	-	292	97	218	14	219	1,120	182	1.4	.0	.21	2,040	1,130	29	2,600	6.6
V-146	do	1,500	July 16, 1956	R	18	-	-	555	184	54	12	170	2,020	41	-	.2	-	2,970	2,140	5	3,390	7.3
V-146	do	1,500	Aug. 14, 1959	R	16	-	-	530	186	53	12	165	1,930	44	2.7	.0	.44	2,860	2,090	5	2,980	6.8
V-148	Rudolf Hoefs	-	Apr. 3, 1959	C	-	1.6	a	126	23	65	-	244	230	104	.2	3.5	-	810	410	26	1,350	7.0
V-150	L. A. Weinacht	141	July 30, 1940	A & C	-	-	-	168	51	209	202	267	454	-	.8	-	1,250	629	42	2,660	-	
V-150	do	141	Nov. 6, 1948	A & C	44	-	-	133	43	261	212	421	328	-	1.2	-	1,340	509	53	2,310	-	
V-160	R. V. Turnbough	200	June 14, 1948	A	56	-	-	32	33	329	156	404	270	-	1.2	-	1,200	216	77	1,920	-	
V-170	Texas & Pacific RR Co.	200	Mar. 11, 1940	-	-	-	-	266	118	555	311	825	880	-	-	-	2,800	1,150	51	4,290	-	
V-171	L. A. Weinacht	200	Dec. 3, 1948	-	33	-	-	153	42	196	240	279	330	-	4.2	-	1,160	554	43	2,000	-	
W-1	H. T. Collier	-	Aug. 20, 1940	A	-	-	-	196	44	179	180	377	368	-	1.5	-	1,250	670	37	2,110	-	
W-1	do	-	Mar. 13, 1959	A	-	18	a	210	44	162	-	261	405	.3	1.3	-	1,480	710	33	2,460	7.1	
W-3	do	115	Aug. 21, 1940	A	-	-	-	198	35	62	202	221	274	-	1.2	-	892	638	17	1,530	-	
W-3	do	115	Mar. 13, 1959	A	-	22	a	238	44	108	-	160	355	.3	2.2	-	1,510	780	23	2,520	6.8	
W-10	Barilla Farms	1,405	Aug. 21, 1940	R	-	-	-	605	216	5.3	130	2,180	24	-	2.5	-	3,100	2,400	5	3,280	-	
W-10	do	1,405	Mar. 1, 1941	R	-	-	-	598	216	74	128	2,260	26	-	.5	-	3,230	2,330	65	3,290	-	
W-12	do	1,400	do	R	-	-	-	604	221	34	132	2,240	34	-	.5	-	3,200	2,420	30	3,410	-	
W-12	do	1,400	Jan. 24, 1947	R	-	-	-	608	212	40	146	2,210	40	-	.0	-	3,180	2,390	4	3,210	-	

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH
W-19	H. F. Woods	87	Jan. 17, 1940	A	-	-	-	160	41	79	178	276	218	-	-	-	863	568	23	1,440	-
W-19	do	87	Mar. 19, 1959	A	-	1.1	a	148	35	95	185	241	214	1.0	7.1	-	935	515	29	1,560	7.2
W-22	Betty Hargrove	153	Jan. 17, 1940	S	-	-	-	126	38	60	223	183	162	-	-	-	681	471	22	1,180	-
W-22	do	153	Mar. 19, 1959	S	-	.9	a	128	34	64	248	174	148	.4	1.8	-	810	460	23	1,350	7.2
W-37	B. S. Estes	-	Mar. 6, 1959	A & S?	30	-	-	108	30	81	4.5	207	206	2.6	29	0.16	761	393	31	1,140	7.5
W-52	J. R. Wilson	130	Sept. 4, 1940	A	-	-	-	84	24	49	222	137	59	-	8.8	-	471	308	26	824	-
W-59	TXL Oil Corp.	119	Sept. 5, 1940	A	-	-	-	89	20	43	242	96	70	-	1.5	-	439	304	23	778	-
W-59	do	119	Nov. 25, 1946	A	-	-	-	100	18	49	241	113	80	-	1.0	-	480	324	25	779	-
W-60	E. G. Bowles	5,612	Sept. 4, 1940	R?	-	-	-	611	224	44	143	2,210	87	-	.8	-	3,250	2,450	37	3,570	-
W-61	do	117	do	A	-	-	-	58	15	72	210	79	54	-	40	-	421	206	43	729	-
W-61	do	117	Mar. 23, 1959	A	-	2.0	a	60	12	72	-	174	80	3.0	69	-	379	200	44	632	7.5
W-63	Gulf Oil Corp.	200?	June 27, 1952	A	41	.34	-	120	28	91	232	194	153	1.2	6	-	784	415	32	-	8.2
W-69	Minnie McCarter et al.	106	Aug. 21, 1940	A	-	-	-	84	32	71	239	160	87	-	13	-	567	341	31	972	-
W-78	-- Schnack	-	Feb. 14, 1959	A & S?	-	3.2	a	156	17	81	-	248	183	.3	3.1	-	870	460	28	1,450	7.2
W-89	H. T. Collier	-	Aug. 20, 1940	-	-	-	-	201	37	202	287	358	344	-	.2	-	1,280	654	40	2,100	-
W-89	do	-	Mar. 19, 1959	-	-	5.3	a	210	28	180	-	293	353	.5	8.4	-	1,480	640	38	2,470	7.0
W-91	Alan Hoefs	480	Aug. 17, 1959	A & S?	22	-	-	190	53	170	9.4	228	395	.8	.5	1.4	1,280	692	34	1,990	6.7
W-97	H. T. Collier, Jr.	128	Aug. 20, 1940	A	-	-	-	144	31	141	194	268	252	-	1.2	-	933	487	39	1,610	-
W-99	do	280	do	A & C?	-	-	-	182	25	96	286	233	204	-	.2	-	881	557	27	1,460	-
W-99	do	280	Mar. 13, 1959	A & C?	-	5.8	a	164	24	108	-	276	258	.2	.7	-	1,050	510	32	1,750	6.8
W-100	do	309	do	A	-	21	a	92	26	45	-	221	145	1.0	1.1	-	527	340	23	879	7.5
W-103	Ida P. Criswell	160	Sept. 5, 1940	A	-	-	-	84	20	26	194	114	40	-	16	-	396	292	16	703	-
W-103	do	160	Mar. 13, 1959	A	30	-	-	64	13	55	195	104	38	-	13	-	429	213	36	645	7.7
W-106	H. T. Collier	260	do	A	-	1.8	a	104	30	70	-	240	220	.9	17	-	563	385	28	938	7.4

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH
W-107	H. T. Collier, Jr.	158	Aug. 21, 1940	A	-	-	-	121	23	73	279	154	115	-	5.2	-	629	396	29	1,080	-
W-108	Balmorhea Ranches, Inc.	-	Aug. 20, 1940	-	-	-	-	122	26	76	207	211	126	-	12	-	675	411	29	1,130	-
W-108	do	-	Apr. 3, 1959	-	-	4.4	a	122	23	72	266	175	118	0.2	9.3	-	918	400	28	1,530	7.3
W-110	Popham Land & Cattle Co.	-	do	A & C?	-	.82	a	92	16	37	226	103	55	.5	17	-	481	295	21	801	7.1
W-113	L. A. Weinacht	-	Dec. 3, 1948	-	28	-	-	136	41	166	308	259	245	-	.8	-	1,030	508	41	1,770	-
W-114	Balmorhea Ranches, Inc.	410	Aug. 20, 1940	C	-	-	-	126	17	48	235	133	96	-	28	-	564	384	21	972	-
W-114	do	410	Apr. 8, 1959	C	-	.16	a	106	20	41	207	144	104	.3	.7	-	568	350	20	947	7.2
W-116	Rudolf Hoefs	310	Mar. 11, 1940	C	-	-	-	99	11	45	120	109	71	-	96	-	491	292	25	744	-
W-116	do	310	Apr. 3, 1959	C	-	.52	a	82	10	31	144	119	44	.5	43	-	428	245	22	714	7.4
W-121	Popham Land & Cattle Co.	-	Aug. 20, 1940	-	-	-	-	94	22	38	245	117	54	-	11	-	457	325	20	787	-
W-121	do	-	Mar. 25, 1959	-	18	-	-	109	24	80	235	195	105	-	.5	-	679	370	32	1,020	7.6
X-6	R. A. Moore	Spring	Dec. 7, 1930	A	-	-	-	272	102	584	332	868	842	-	5.0	-	2,840	1,100	54	-	-
X-7	C. Pye	-	Nov. 1931	A?	-	-	-	332	126	764	324	1,130	1,110	-	-	-	3,620	1,350	55	-	-
X-9	Fred Stroade, Jr.	34	Nov. 2, 1940	A & C	-	-	-	181	68	425	284	596	568	-	2.2	-	1,980	731	56	3,110	-
X-10	M. C. Clifton	54	Aug. 26, 1940	A & C	-	-	-	315	109	580	285	971	885	-	3.6	-	3,000	1,230	51	4,640	-
X-10	do	54	Sept. 11, 1940	A & C	-	-	-	316	111	591	302	984	885	-	12	-	3,050	1,240	51	4,650	-
X-13	Reeves County Water Improvement District No. 1	Spring	Dec. 7, 1930	A	-	-	-	276	101	631	309	992	840	-	6.0	-	3,000	1,100	55	-	-
X-20	H. Weinacht	-	Sept. 21, 1959	C	-	-	-	-	-	-	249	470	485	-	-	-	-	615	-	2,600	7.2
X-21	Reeves County Water Improvement District No. 1	Spring	Oct. 28, 1930	C	19	.04	-	190	80	432 16	286	651	610	-	.9	-	2,140	803	54	-	-

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH
X-21	Reeves County Water Improvement District No. 1	Spring	Sept.13, 1932	C	-	-	-	102	35	200	264	270	238	-	0.4	-	975	398	52	-	-
X-21	do	Spring	Jan. 30, 1941	C	23	0.05	-	184	78	405 18	284	612	570	0.5	1.0	0.15	2,030	780	-	3,120	-
X-21	do	Spring	Oct. 15, 1947	C	-	-	-	168	81	402	156	638	590	-	2.5	-	1,960	752	54	3,290	-
X-21	do	Spring	Jan. 28, 1950	C	19	-	-	179	90	421	273	635	600	-	1.5	-	2,080	816	53	3,180	8.1
X-22	do	Spring	Dec. 6, 1930	C	-	-	-	189	80	437	284	635	608	-	.0	-	2,090	800	54	-	-
X-22	do	Spring	Oct. 7, 1932	C	-	-	-	-	-	109	183	140	124	-	-	-	547	234	-	-	-
X-26	Joe Kingston	200?	June 30, 1959	C	9.6	-	-	56	32	295	314	30	462	-	.2	-	1,010	271	70	1,930	7.0
Y-2	Popham Land & Cattle Co.	250	Sept.12, 1949	-	42	-	-	144	56	397	303	481	485	-	2.8	.62	1,760	590	59	2,740	7.4
Y-2	do	350	Aug. 16, 1950	-	-	-	-	-	-	-	304	500	514	-	-	-	-	624	-	2,820	7.3
Y-3	Balmorhea Ranches, Inc.	343	Sept.12, 1949	A & C	46	-	-	86	27	252	301	251	268	-	1.5	.34	1,080	326	63	1,750	7.3
Y-4	do	611	do	A & C	46	-	-	135	43	298 -	280	423	345	-	3.5	.53	1,430	514	56	2,250	7.3
Y-10	Eula Baker	400	Aug. 14, 1959	A	48	-	-	109	37	317 11	279	337	370	1.9	3.5	.21	1,370	424	61	2,170	6.8
Y-17	L. E. Boyd	350	do	A	40	-	-	135	28	191 9.2	294	278	242	-	1.8	.18	1,070	452	47	1,670	7.2
Y-24	J. Cates	498	do	C	12	-	-	202	63	121 11	220	640	145	-	.0	.21	1,300	763	25	1,790	7.0
Y-28	W. B. Locker	615	Sept.13, 1959	C	14	-	-	172	48	75 8.0	196	436	142	-	.0	.16	1,080	626	20	1,450	6.9
Y-31	Rudolf Hoefs	-	Apr. 3, 1959	C	-	.62	a	102	12	25 -	289	90	30	.3	18	-	454	305	15	757	7.1
Y-32	Popham Land & Cattle Co.	-	do	C	-	.58	a	102	19	55 -	336	153	27	.7	15	-	550	335	26	916	6.8
Y-33	Carl Hoefs	200	do	C	-	.4	a	86	1	47 -	285	86	17	.1	11	-	414	220	32	690	7.2
Y-34	Richard R. Hoefs	200	Aug. 20, 1940	C	-	-	-	59	48	92	281	216	62	-	3.4	-	619	344	37	1,030	-
Y-34	do	200	Mar. 31, 1959	C	-	.82	a	60	37	148 -	305	265	69	.6	b	-	594	305	57	990	7.2
Y-36	H. Willbanks	-	May 8, 1957	C	-	-	-	154	29	88	410	228	86	-	.8	-	848	504	28	1,290	-
Y-36	do	-	May 19, 1959	C	-	1.7	a	128	29	97 -	264	238	149	.8	b	-	966	440	32	1,610	7.1

See footnotes at end of table.

Table 11.- Analyses of water from wells and springs in Reeves County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH
Y-39	Graef Bros.	-	May 27, 1959	C	21	-	-	120	26	121	271	199	170	0.8	0.2	-	819	406	39	1,280	7.4
Y-49	Popham Land & Cattle Co.	-	Apr. 8, 1959	-	-	0.52	a	74	19	21	284	67	20	1.2	4.4	-	385	265	15	642	7.1
Y-51	do	-	Sept. 1, 1959	C	17	.07	-	7.0	3.9	365	433	174	196	3.6	5.5	-	987	34	96	1,610	7.5
Y-53	do	-	Apr. 8, 1959	C	-	.52	a	104	25	116	265	180	171	.8	b	-	948	365	41	1,580	7.2
Y-55	do	-	Sept. 1, 1959	C	45	.05	-	46	4.3	10	165	7.0	60	.4	3.8	-	204	132	15	306	6.3

a Manganese (Mn) less than 0.05 ppm.

b Nitrate (NO<sub>3</sub>) less than 5 ppm.

TABLE 12

ANALYSES OF WATER FROM  
PHANTOM LAKE SPRING  
JEFF DAVIS COUNTY

Table 12.- Analyses of water from Phantom Lake Spring, Jeff Davis County

(Analyses given are in parts per million except specific conductance, pH, and percent sodium)

Water-bearing unit: C, Cretaceous rocks.

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent sodium	Specific conductance (micromhos at 25°C)	pH
	Kingston		Oct. 28, 1930	C	19	0.04	-	191	86	453 20	285	691	655	-	0.6	-	2,260	830	55	-	-
	do		Sept. 12, 1932	C	-	-	-	81	27	139	170	205	186	-	1.4	-	723	313	49	-	-
	do		Oct. 7, 1932	C	-	-	-	-	-	10	131	20	4	-	-	-	144	111	17	-	-
	do		Aug. 27, 1939	C	-	-	-	194	86	-	-	686	654	-	-	-	-	-	-	3,460	-
	do		Oct. 27, 1940	C	-	-	-	182	87	468	283	672	636	-	1.0	-	2,180	812	56	3,410	-
	do		Jan. 14, 1941	C	-	-	-	193	86	470	282	687	646	-	.8	-	2,220	835	55	3,510	-
	do		Jan. 30, 1941	C	18	.06	-	193	87	458 30	282	689	646	0.8	.5	0.15	2,260	839	55	3,500	-
	do		May 14, 1941	C	-	-	-	190	83	614	269	633	900	-	.8	-	2,550	815	62	3,220	-
	do		Oct. 15, 1947	C	-	-	-	191	90	451	230	692	650	-	1.0	-	2,190	846	54	3,560	-
	do		Jan. 28, 1950	C	16	-	-	187	95	473	282	695	660	-	.2	-	2,260	857	55	3,410	7.4

TABLE 13

ANALYSES OF WATER FROM WELLS AND  
SPRINGS IN SOUTHWESTERN  
WARD COUNTY

Table 13.- Analyses of water from wells and springs in southwestern Ward County

(Analyses given are in parts per million except specific conductance, pH, and percent sodium)

Water bearing unit: A, Alluvium; R, Rustler formation; S, Santa Rosa sandstone.

Well	Owner	Depth of well (ft.)	Date of collection	Water-bearing unit	Silica (SiO <sub>2</sub> )	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Boron (B)	Dissolved solids	Hardness as CaCO <sub>3</sub>	Percent Sodium	Specific conductance (micromhos at 25°C)	pH	
G-3	City of Barstow	120	Jan. 20, 1955	S	41	0.23	a	249	74	136	177	808	160	1.1	13	-	1,640	926	24	-	7.9	
G-3	do	120	Oct. 10, 1958	S	-	.10	a	260	118	156	-	170	950	185	1.4	9	-	1,890	1,140	23	3,150	8.3
G-3	do	120	Apr. 1, 1959	S	38	-	-	268	87	156	6.1	159	956	182	1.6	13	0.38	1,790	1,030	25	2,330	7.8
G-7	G. Q. Avery	165	Feb. 10, 1958	S	-	.55	a	114	31	39	-	348	101	81	1.6	8.6	-	577	415	17	962	7.0
G-9	do	360	Apr. 8, 1959	A	-	.76	a	328	156	632	-	201	1,720	810	2.1	2.4	-	4,150	1,470	48	6,920	7.4
H-3	Buford Thornton	-	Apr. 8, 1957	A	-	.26	a	65	24	118	-	255	130	126	2.8	10	-	645	263	50	1,080	7.0
H-5	do	-	do	A	-	.36	a	67	30	445	-	238	336	525	2.4	1.9	-	1,720	294	77	2,460	7.0
H-7	W. H. Jackson	-	Apr. 8, 1959	S?	-	.46	a	320	106	700	-	129	995	1,250	2.0	28	-	4,210	1,240	55	7,010	7.2
H-9	Troy Eiland	1,125	Mar. 4, 1959	R	20	-	-	600	242	348	25	99	2,620	365	-	.5	1.6	4,270	2,490	23	4,800	7.3

a Manganese (Mn) less than 0.05 ppm.