

TEXAS BOARD OF WATER ENGINEERS

Durwood Manford, Chairman

R. M. Dixon, Member

O. F. Dent, Member



BULLETIN 6106

VOLUME II

GEOLOGY AND GROUND-WATER RESOURCES OF PECOS COUNTY, TEXAS

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

Prepared by the United States Geological Survey
and the
Texas Board of Water Engineers
in cooperation with Pecos County

October 1961

Second Printing November 1971
by
Texas Water Development Board

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By

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United States Geological Survey
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Texas Board of Water Engineers

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FOREWORD

Volume II

GEOLOGY AND GROUND-WATER RESOURCES OF PECOS COUNTY, TEXAS

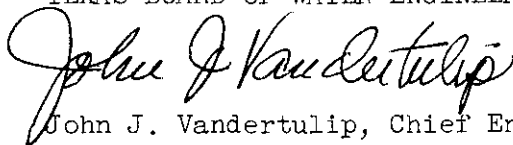
This is the second volume of a two-volume publication on the geology and ground-water resources of Pecos County, Texas, prepared by the Texas Board of Water Engineers and the U. S. Geological Survey in cooperation with the Commissioner's Court of Pecos County.

The first volume of this report contains the text which describes the source, direction of movement, quantity, and quality of ground water in Pecos 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 (table 4).

This volume contains driller's logs of wells (table 5), tabular data on water levels in wells (table 6), and chemical analyses of water samples from wells (table 7).

Locations of wells and springs listed in these tables are shown on the four maps (plates 1, 2, 3, and 4) enclosed in the pocket of Volume I.

TEXAS BOARD OF WATER ENGINEERS



John J. Vandertulip, Chief Engineer

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TABLE 5

DRILLERS' LOGS OF WELLS
IN
PECOS COUNTY, TEXAS

Table 5.--Drillers' logs of wells in Pecos County, Texas

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

Owner: A. J. Hoelscher. Driller: L. Walker.

Surface -----	15	15	Clay and gravel -----	28	390
Gravel and sand -----	37	52	Clay, blue -----	60	450
Gravel and clay -----	53	105	Shale, blue -----	70	520
Clay, red -----	35	140	Sand, lime, and shale --	40	560
Gravel and sand -----	115	255	Rock, yellow, and sand -	62	622
Clay and gravel -----	55	310	Rock, red -----	3	625
Clay, gravel, and sand -	52	362			

Well A-22

Owner: C. E. Davis. Driller: L. Walker.

Surface -----	31	31	Shale and boulders -----	12	305
Conglomerate -----	3	34	Boulders and brown shale	5	310
Sand -----	3	37	Shale, gravel, and boulders -----	20	330
Gravel -----	71	108	Sand -----	45	375
Boulders, gravel, and sand -----	22	130	Clay and shell -----	42	417
Gravel and sand -----	20	150	Clay, brown -----	28	445
Boulders and gravel ----	26	176	Shale, blue -----	15	460
Gravel and sand -----	19	195	Shale -----	20	480
Anhydrite and boulders -	50	245	Shale and gypsum -----	17	497
Sand and boulders -----	20	265	Shale, blue -----	17	514
Sand, boulders, and gravel -----	23	288	Shale, blue, and gypsum-	14	528
Boulders, sand, gravel, and shale -----	5	293	Shale, blue, brown shale streaks, and red beds -----	46	574

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well A-22--Continued					
Red beds -----	16	590	Red beds and yellow shale	36	659
Red beds, shale streaks, and gypsum streaks ---	33	623	Red beds -----	21	680
			Sand -----	105	785

Well A-25

Owner: -- Hodges. Driller: Earl Fisher.

Gravel and sand -----	10	10	Shale, calcareous, gray-	30	630
Gravel, angular to subrounded -----	80	90	Shale, gray and poorly cemented sandstone ---	20	650
Clay, sand and gravel --	80	170	Clay, brownish red and sand -----	10	660
Gravel with limestone and basalt pebbles ---	20	190	Shale, brown and gray --	10	670
Clay and gravel -----	30	220	Shale, brown and gray with scattered gypsum crystals -----	20	690
Clay, sandy, brownish red	30	250	Shale and gravel -----	10	700
Gravel, clayey, reddish brown -----	70	320	Shale, reddish brown and gray (selenite 720-740)	40	740
Gravel and sand, clayey-	30	350	Red beds -----	160	900
Clay, sandy, brown -----	30	380	Gravel, subangular, red to white -----	10	910
Clay, gravelly, brown to gray -----	110	490	Clay, silty with small amount of gravel -----	10	920
Shale, gray and red ----	10	500	Shale, silty, reddish brown -----	310	1,230
Shale, gray -----	40	540	Shale, gray and red ----	50	1,280
Shale, sandy, reddish brown -----	10	550	Red beds and sandstone -	50	1,330
Shale, brown and gray --	30	580	Red beds -----	70	1,400
Clay, sandy and gravel -	20	600	Shale, blue -----	95	1,495

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well A-31					
Owner: C. E. Davis. Driller: L. Walker.					
Surface -----	20	20	Shale -----	10	430
Clay, sandy, and gravel-	35	55	Lime, sandy -----	113	543
Gravel and sand -----	95	150	Lime and shale -----	7	550
Clay and gravel -----	46	196	Shale, red -----	10	560
Gravel and sandy clay --	58	254	Sandstone, red, and shale	165	725
Clay -----	52	306	Shale and red rock -----	95	820
Shale, blue -----	94	400	Sand, red, and rock -----	55	875
Shale and lime -----	20	420	Shale, red -----	25	900

Well A-35, partial log

Owner: L. O. Davis. Driller: L. Walker.

Gravel -----	20	20	Sand, clay, and gypsum -	15	305
Sandstone -----	12	32	Clay, sandy -----	10	315
Clay and gypsum -----	22	54	Sand and clay streaks --	36	351
Clay, sand, and boulders	17	71	Clay, sandy, and gravel-	9	360
Clay, red -----	20	91	Shale -----	11	371
Clay, red, and gypsum --	63	154	Sand and clay streaks --	31	402
Clay, sandy -----	10	164	Clay, sandy, and gravel-	65	467
Clay and gypsum -----	20	184	Gravel and sandy red clay	58	525
Clay and gravel -----	11	195	Sand, red, and gravel --	12	537
Gravel -----	25	220	Sand and clay -----	31	568
Gravel and clay -----	10	230	Shale, blue -----	16	584
Sand, clay, and gravel -	46	276	No record -----	81	665
Sand and clay -----	14	290	Total Depth -----		665

Table 5.--Drillers' logs of wells in Pecos County--Continued

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

Owner: C. E. Davis. Driller: L. Walker.

Surface -----	3	3	Clay and gravel streaks-	26	320
Gravel and sand -----	12	15	Clay, gravel, and sand -	10	330
Clay -----	21	36	Shale, blue -----	169	499
Clay, red -----	34	70	Clay, yellow streaks, and gravel -----	11	510
Clay, red, and gravel streaks -----	80	150	Shale, blue, and boulders	56	566
Clay and gravel streaks-	20	170	Shale, blue, and lime --	37	603
Gravel and sand -----	40	210	Red beds, rock, and sand streaks -----	29	632
Clay and gravel streaks-	72	282	Red beds -----	20	652
Gravel -----	12	294			

Well A-86

Owner: Lowe Brothers. Driller: L. Walker.

Surface -----	15	15	Clay and shale -----	38	609
Clay -----	85	100	Shale and sandy lime ---	51	660
Gravel -----	172	272	Sand, white, rock, and lime -----	47	707
Gravel and clay -----	43	315	Sand, white, lime, gravel, and shale ----	76	783
Clay, blue -----	70	385	Sand, lime, and gravel -	33	816
Clay, yellow -----	27	412	Sand, lime, and anhydrite	15	831
Gravel -----	18	430	Anhydrite and sandy lime	12	843
Clay, sandy streaks ----	126	556	Sand, white, anhydrite, and lime -----	11	854
Shale, hard -----	15	571	Red beds -----	11	865

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well A-89					
Owner: Lowe Brothers. Driller: G. W. Huffman.					
Gravel, medium-grained -	20	20	Gravel, fine-grained, and medium-grained sand --	30	185
Gravel, medium- to coarse-grained -----	10	30	Gravel, medium-grained -	30	215
Gravel, coarse-grained -	10	40	Sand, medium-grained ---	15	230
Sand, fine-grained -----	20	60	Gravel, fine-grained, and coarse-grained sand --	15	245
Gravel, fine-grained ---	10	70	Sand, fine-grained -----	15	260
Sand, medium- to coarse- grained -----	10	80	Gravel, fine-grained, and medium-grained sand --	15	275
Gravel, fine-grained, and medium-grained sand --	20	100	Gravel, medium-grained, and fine-grained sand-	15	290
Gravel, fine-grained, and medium- to fine grained sand -----	10	110	Gravel, medium-grained, and medium-grained sand	15	305
Gravel, fine- to medium- grained -----	10	120	Sand, medium-grained ---	15	320
Gravel, fine-grained, and coarse-grained sand --	35	155	Sand, coarse-grained, and gray shale -----	15	335

Well A-98

Owner: C. Wilson. Driller: --

Soil -----	20	20	Gravel -----	15	140
Gravel -----	10	30	Red beds -----	5	145
Gravel and shale -----	45	75	Sand -----	5	150
Sand and shale -----	20	95	Red beds -----	15	165
Sand and gravel -----	15	110	Sand -----	15	180
Shale, red -----	5	115	Red beds -----	5	185
Sand and shale -----	10	125	Sand -----	15	200

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well A-98--Continued					
Red beds -----	12	212	Sand -----	10	258
Sand -----	6	218	Red beds -----	2	260
Red beds -----	7	225	Sand -----	6	266
Sand -----	20	245	Red beds -----	2	268
Red beds -----	3	248			

Well A-116

Owner: Harper and Walker. Driller: L. Walker.

Surface -----	15	15	Clay, sandy -----	21	529
Sand and gravel -----	20	35	Shale, blue -----	28	557
Rock and gravel -----	37	72	Clay, sandy -----	33	590
Gravel -----	8	80	Lime, sandy, and shale -	22	612
Clay -----	120	200	Lime and shale streaks -	40	652
Gravel -----	75	275	Clay, blue, and shale --	8	660
Clay, sandy -----	104	379	Lime, sandy -----	20	680
Clay and gravel -----	30	409	Gypsum, lime, and sandy clay -----	15	695
Sand, gravel, and clay streaks -----	5	414	Clay, sandy -----	13	708
Clay, yellow -----	76	490	Lime, white sand, and shale -----	26	734
Clay, blue and yellow --	18	508			

Well A-127

Owner: A. J. Hoelscher. Driller: L. Walker.

Sand and clay -----	110	110	Clay -----	38	245
Gravel and sand -----	3	113	Gravel -----	35	280
Clay and gravel -----	94	207	Clay -----	102	382

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well A-127--Continued					
Shale, blue, and gravel streaks -----	27	409	Lime and red bed streaks	2	817
Clay and gravel streaks-	33	442	Lime -----	8	825
Clay -----	8	450	Lime, broken, and sand -	14	839
Shale and gypsum -----	50	500	Shale and lime -----	13	852
Shale and lime streaks -	30	530	Red bed streaks -----	2	854
Shale -----	59	589	Shale and lime -----	8	862
Lime -----	43	632	Rock, red -----	5	867
Lime and gravel -----	8	640	Lime -----	18	885
Lime, sandy, and gravel-	18	658	Rock, red -----	7	892
Lime and shale streaks -	17	675	Sand, coarse-grained ---	6	898
Lime, gypsum, and shale-	20	695	Rock, red -----	5	903
Lime, sand, and shale --	30	725	Sand, clay streaks, and lime streaks -----	40	943
Lime, sandy, broken ----	43	768	Rock, red, and red beds-	21	964
Lime -----	47	815			

Well A-132

Owner: A. J. Hoelscher. Driller: L Walker.

Surface -----	18	18	Shale, dark -----	39	354
Clay and gravel -----	60	78	Mica -----	19	373
Clay, sandy -----	17	95	Lime -----	52	425
Sand, gravel, and clay streaks -----	119	214	Conglomerate and shale -	3	428
Clay, sandy -----	14	228	Shale, black -----	47	475
Clay, yellow -----	48	276	Sand, blue, and lime ---	13	488
Clay and lime streaks --	39	315	Shale, black -----	30	518

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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well A-132--Continued					
Lime -----	24	542	Lime and black shale ---	4	668
Shale, black, and gravel	22	564	Lime, broken -----	35	703
Shale, black -----	7	571	Clay and broken lime ---	31	734
Lime -----	11	582	Lime, broken -----	35	769
Lime, blue -----	28	610	Shale, black -----	20	789
Lime, blue, and black, mixed shale -----	14	624	Sand, white, sandrock, and dark shale -----	49	838
Lime, blue, black shale, and sandy clay -----	24	648	Shale, dark -----	2	840
Lime, blue, and black shale -----	12	660	Lime and dark shale ----	22	862
Clay, blue -----	4	664	Red beds and lime shells	44	906
			Red beds -----	10	916

Well A-139

Owner: R. C. Crabb. Driller: L. Walker.

Clay -----	35	35	Lime, hard -----	43	413
Sand and gravel -----	85	120	Shale, blue, and gravel streaks -----	40	453
Clay, sandy -----	20	140	Shale, blue -----	46	499
Gravel -----	36	176	Shale, black, hard ----	36	535
Clay -----	55	231	Shale and lime -----	17	552
Clay, sandy, and gravel-	119	350	Shale and lime streaks -	53	605
Clay, gray -----	20	370	Lime -----	37	642

Well A-143

Owner: P Williams. Driller: L. Walker.

Surface -----	9	9	Clay -----	43	52
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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well A-143--Continued					
Sand and sandrock -----	18	70	Lime shells -----	18	475
Clay and gravel -----	104	174	Conglomerate -----	23	498
Shale, brown -----	27	201	Shell and sand, mixed --	17	515
Clay, sandy -----	14	215	Clay, blue -----	25	540
Limerock -----	4	219	Shale, black -----	16	556
Clay, sandy -----	16	235	Sand and shells -----	5	561
Limerock -----	18	253	Clay, yellow and sand streaks -----	40	601
Shale -----	100	353	Conglomerate -----	15	616
Sand and small gravel --	17	370	Lime -----	18	634
Clay, sandy streaks ----	75	445	Lime, gray -----	10	644
Clay and sand -----	12	457			

Well A-145

Owner: P. White. Driller: R. T. Mulligan.

Surface -----	4	4	Gravel, shale, and sand-	109	260
Gravel -----	4	8	Shale, blue -----	40	300
Clay and caliche -----	16	24	Shale, blue, and shells-	20	320
Sand, red, fine-grained-	21	45	Limerock -----	42	362
Clay -----	5	50	Lime, sand, and clay ---	8	370
Sand and brown shale ---	70	120	Sand, fine-grained ----	17	387
Rock and clay -----	31	151	Shale, blue -----	38	425

Well A-153

Owner: Lowe Brothers. Driller: L. Walker.

Surface -----	18	18	Lime and gravel -----	18	36
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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well A-153--Continued					
Clay, sandy, and gravel-	83	119	Clay and gravel -----	190	650
Gravel -----	71	190	Sand, gravel, and shale streaks -----	30	680
Clay, sandy -----	20	210	Lime, sandy, and gravel-	10	690
Gravel -----	15	225	Lime, sandy -----	60	750
Clay, sandy, and gravel-	45	270	Shale, sandy, and lime streaks -----	21	771
Gravel -----	30	300	Shale, sandy, gravel, and lime -----	67	838
Clay, sandy, and gravel-	35	335	Shale and gravel -----	38	876
Gravel -----	30	365	Sand and shale -----	75	951
Gravel, hard -----	25	390	Lime, sandy -----	44	995
Sand and gravel -----	30	420	Red beds -----	5	1,000
Clay, sandy, and gravel-	40	460			

Well A-181

Owner: S. Reeves. Driller: E. Fisher.

Soil -----	8	8	Sand and shale -----	126	336
Sand and gravel -----	17	25	Shale, blue -----	54	390
Gravel -----	40	65	Lime, yellow -----	11	401
Conglomerate -----	73	138	Red beds -----	8	409
Gravel -----	10	148	Lime, yellow -----	4	413
Shale and gravel -----	27	175	Red beds -----	7	420
Conglomerate -----	35	210			

Well A-189

Owner: Si Stafford. Driller: L. Walker.

Clay -----	34	34	Gravel -----	16	50
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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well A-189--Continued					
Clay -----	20	70	Gravel and sand -----	22	478
Clay and gravel -----	40	110	Clay, blue -----	62	540
Clay, gray -----	120	230	Clay, gray -----	99	639
Clay, sandy, and gravel-	82	312	Clay -----	25	664
Gravel, lime, and sand -	40	352	Clay, sandy -----	63	727
Clay and gravel -----	28	380	Gravel and sand -----	33	760
Clay, blue -----	17	397	Clay and hard sand -----	15	775
Clay, lime, and sand ---	32	429	Clay -----	25	800
Clay -----	27	456			

Well A-195

Owner: W. G. Locker and Sons. Driller: --

Soil -----	10	10	Red beds -----	20	220
Sand, gravel, and clay -	190	200			

Well A-200

Owner: Ben and Bob Burkholder. Driller: E. Fisher.

Surface -----	10	10	Shells and red beds ----	63	403
Gravel and rock -----	73	83	Gypsum and red beds ----	79	482
Gravel -----	17	100	Shale, red, shells, and gypsum -----	65	547
Shale -----	30	130	Rock, red, and lime shells -----	68	615
Shale and gravel -----	50	180	Shale, red, and limerock	81	696
Conglomerate -----	20	200	Lime and red beds -----	70	766
Shale -----	20	220	Shale, red, and limerock	93	859
Sandrock and red beds --	120	340			

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well A-200--Continued					
Anhydrite and red beds -	60	919	Red beds and gypsum ----	60	1,246
Shale, red, lime, and anhydrite -----	78	997	Lime, sandy -----	24	1,270
Red beds -----	78	1,075	Anhydrite and red beds -	68	1,338
Shale, lime, and sand- rock -----	43	1,118	Lime -----	107	1,445
Sand -----	8	1,126	Lime, broken -----	9	1,454
Lime -----	3	1,129	Lime streaks -----	4	1,458
Red beds -----	57	1,186	Lime -----	92	1,550
			Shale and red beds ----	20	1,570

Well A-208

Owner: R. Burkholder. Driller: E. Fisher.

Gravel -----	85	85	Sand and gravel -----	23	258
Gypsum and gravel -----	67	152	Shale, sandy -----	25	283
Sand, water, and gravel-	21	173	Shale, brown, and gravel breaks -----	80	363
Shale, brown, sandy, and gravel -----	9	182	Sand, gravel, and shale-	15	378
Shale, red -----	8	190	Clay and red beds -----	7	385
Shale, brown, and gravel streaks -----	45	235			

Well A-214

Owner: Crystal Water Farms. Driller: L. Walker.

Surface -----	25	25	Sand, fine-grained ----	30	260
Shells and lime -----	25	50	Boulders, gravel, and shells -----	20	280
Shells and gravel -----	91	141	Lime, boulders, and gravel streaks -----	30	310
Shells, gravel, and sand	89	230			

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well A-214--Continued

Sand, fine-grained, and shell -----	25	335	Gravel and shells -----	20	370
Boulders and gravel ----	15	350	Shale and red beds -----	7	377

Well A-220, partial log

Owner: Lowe Brothers. Driller: L. Walker.

Caliche, rock, and gravel	10	10	Lime, gravel, shell, and boulders -----	44	200
Boulders -----	40	50	Boulders and sand -----	15	215
Clay -----	10	60	Sand, gray -----	33	248
Lime and boulders -----	20	80	Sand, fine-grained ----	22	270
Clay and gravel -----	10	90	Boulders and sand -----	70	340
Lime, gravel, and boulders -----	66	156	Boulders and gravel ----	30	370
			Clay -----	1	371

Well A-230

Owner: J. Dorr. Driller: L. Walker.

Surface -----	5	5	Shale, blue -----	70	603
Clay -----	40	45	Gravel and sand -----	24	627
Sand, fine-grained ----	63	108	Lime -----	32	659
Sand and gravel -----	32	140	Lime and shale -----	44	703
Clay -----	65	205	Sandstone -----	20	723
Gravel and sand -----	27	232	Shale, gypsum, and lime-	80	803
Clay -----	159	391	Sandstone and lime ----	88	891
Sand and clay streaks --	59	450	Red beds -----	33	924
Clay -----	83	533			

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well B-5

Owner: J. T. Netterville. Driller: Tex-Mex Oil Co.

Surface -----	10	10	Anhydrite -----	282	2,092
Rock, red, and gravel --	30	40	Lime, broken -----	8	2,100
Sand -----	422	462	Lime -----	4	2,104
Rock, red -----	143	605	Anhydrite -----	13	2,117
Rock, red, and sand ----	100	705	Lime, sandy -----	48	2,165
Rock, red, and shale ---	61	766	Lime -----	45	2,210
Red beds, sand, and shale	91	857	Sand -----	12	2,222
Rock, red -----	95	952	Lime, sandy -----	6	2,228
Rock, red, and sand ----	125	1,077	Lime -----	10	2,238
Rock, red -----	59	1,136	Lime, sandy -----	17	2,255
Rock, red, and sand ----	54	1,190	Lime -----	3	2,258
Rock, red -----	20	1,210	Shale -----	5	2,263
Anhydrite and lime -----	110	1,320	Lime -----	16	2,279
Anhydrite -----	70	1,390	Lime, sandy -----	6	2,285
Anhydrite and blue shale	43	1,433	Sand -----	5	2,290
Anhydrite -----	177	1,610	Shale, sandy -----	20	2,310
Anhydrite and lime -----	83	1,693	Lime, broken, and sand -	65	2,375
Anhydrite -----	82	1,775	Lime -----	25	2,400
Anhydrite and broken lime	35	1,810			

Well B-18

Owner: H. L. Cordz. Driller: Hoss and Downey.

Rock, red, and water ---	22	22	Rock, red, and sand ----	19	55
Sandrock -----	14	36	Rock, red -----	460	515

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well B-18--Continued					
Rock, red, sandy, and anhydrite -----	20	535	Shale -----	4	809
Anhydrite -----	45	580	Anhydrite -----	12	821
Lime and shale -----	10	590	Shale -----	12	833
Sand and water -----	5	595	Salt and anhydrite -----	3	836
Lime -----	16	611	Shale -----	36	872
Shale -----	94	705	Salt -----	63	935
Sand -----	15	720	Lime -----	10	945
Shale -----	42	762	Salt -----	5	950
Lime -----	11	773	Anhydrite -----	45	995
Anhydrite -----	5	778	Salt -----	15	1,010
Lime -----	24	802	Anhydrite -----	10	1,020
Anhydrite -----	3	805	No record -----	1,024	2,044

Well B-28

Owner: J. J. Dorr. Driller: Rector Oil Co.

No record -----	30	30	Anhydrite -----	295	1,515
Sand, loose, and gravel-	20	50	Salt -----	90	1,605
Shale, red -----	720	770	Anhydrite -----	115	1,720
Shale, black, and anhydrite -----	270	1,040	Sand, black, loose, and anhydrite -----	70	1,790
Anhydrite -----	40	1,080	Sand -----	70	1,860
Sand, anhydrite, and black shale -----	140	1,220	Sand, loose, soft -----	140	2,000

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well B-59

Owner: George Hanna. Driller: E. J. McMillan.

Soil -----	5	5	Shale, blue and gray ---	90	365
Caliche -----	15	20	Shale, black -----	25	390
Lime and water -----	40	60	Lime, gray -----	85	475
Shale, blue -----	8	68	Sand, hard -----	15	490
Lime -----	32	100	Lime and sand -----	5	495
Lime, blue -----	30	130	Shale, blue -----	15	510
Lime, yellow -----	30	160	Sand -----	30	540
Lime, gray -----	37	197	Lime and shale -----	5	545
Shale, blue and black --	63	260	Shale -----	15	560
Lime, gray -----	15	275	Sand and water -----	50	610

Well B-75

Owner: A. LeFevre. Driller: G. H. Anderson.

Water -----	170	170	Missing -----	5	455
Shale -----	30	200	Lime, gray and buff 90 percent, calcareous, gray shale 10 percent-	50	505
Lime -----	200	400	Lime, gray 80 percent, calcareous, gray shale 20 percent -----	5	510
Gypsum, trace, and dark, blue, gray shale -----	30	430	Lime, white and tan 40 percent, red shale 20 percent, red sand 40 percent -----	15	525
Lime, gray and white 60 percent, calcareous, gray shale 40 percent-	5	435	Shale, white, calcareous	20	545
Lime, gray and white 40 percent, calcareous, gray shale 60 percent-	10	445	Sand, white and gray, fine-grained, calcareous	10	555
Lime, gray and white 80 percent, calcareous, gray shale 20 percent-	5	450			

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well B-75--Continued					
Shale, light gray, calcareous -----	10	575	Sand, brown and gray, calcareous, and trace, brown lime -----	5	700
Sand, white and gray, shaly, calcareous ----	20	595	Shale, white and gray, calcareous -----	5	705
Sand, gray, calcareous -	10	605	Lime, gray, shaly 10 percent, slightly calcareous, gray shale 90 percent -----	5	710
Lime, white, shaly ----	10	615	Conglomerate, gray lime 20 percent, gyp, white shale 10 percent, coarse- grained, white sand 20 percent, red and gray chert 50 percent ----	40	750
Lime, white 20 percent, calcareous, white sand 80 percent -----	10	625	Missing -----	10	760
Shale, red -----	10	635	Lime, trace, and coarse- grained, red sand ----	30	790
Shale, white and gray 20 percent, red shale 80 percent -----	10	645	Shale, red 20 percent, red sand 80 percent --	10	800
Missing -----	5	650	Sand, red, coarse-grained	60	860
Conglomerate, gray, sandy lime 10-percent, trace, gray shale, gyp shale 10 percent, white and black chert 60 percent, white sand 20 percent-	5	655	Shale, red -----	10	870
Missing -----	10	665	Shale, red and blue ----	10	880
Shale, red, slightly sandy	10	675	Shale, red -----	10	890
Shale, red -----	5	680	Missing -----	10	900
Missing -----	5	685	Shale, red -----	30	930
Lime, gray, sandy 10 percent, white gypsum 10 percent, red, sandy shale 80 percent ----	5	690	Shale, red and gray, sandy	10	940
Lime, gray, sandy 20 percent, calcareous, gray sand 80 percent -	5	695	Shale, gray 10 percent, coarse-grained, white sand 90 percent -----	10	950
			Shale, red -----	50	1,000

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well B-75--Continued					
Shale, red, sandy -----	10	1,010	Shale, red, slightly sandy -----	10	1,540
Shale, red -----	55	1,075	Shale, red -----	10	1,550
Gypsum 30 percent, red, sandy shale 70 percent	20	1,095	Gypsum, minute trace, and red shale -----	10	1,560
Shale, red -----	10	1,105	Shale, red -----	105	1,665
Gypsum, earthy 10 percent, red shale 90 percent -	10	1,115	Missing -----	5	1,670
Shale, red -----	15	1,130	Shale, red -----	160	1,830
Shale, red, sandy -----	20	1,150	Gypsum, trace, and red shale -----	10	1,840
Shale, red -----	80	1,230	Anhydrite, gypsum, and trace red shale -----	20	1,860
Shale, red 10 percent, coarse-grained, red sand 90 percent -----	10	1,240	Anhydrite and gypsum 90 percent, red shale 10 percent -----	10	1,870
Missing -----	15	1,255	Anhydrite and gypsum 40 percent, red shale 60 percent -----	10	1,880
Shale, red -----	50	1,305	Anhydrite and gypsum 60 percent, red shale 40 percent -----	10	1,890
Missing -----	10	1,315	Anhydrite and gypsum 10 percent, blue and gray shale 60 percent, red shale 30 percent -----	10	1,900
Shale, red -----	110	1,425	Shale, gray and red, trace -----	10	1,910
Shale, red 70 percent, red sand 30 percent --	10	1,435	Shale, red -----	15	1,925
Shale, red -----	30	1,465	Missing -----	112	2,037
Shale, red, slightly sandy -----	10	1,475			
Shale, gray and red, trace -----	10	1,485			
Shale, red -----	25	1,510			
Lime, gray, trace, and red shale -----	10	1,520			
Shale, red -----	10	1,530			

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well B-86

Owner: City of Imperial. Driller: W. H. Drilling Co.

Surface -----	10	10	Lime and water -----	34	437
Caliche -----	20	30	Lime, broken -----	10	447
Sand and gravel -----	15	45	Shale and lime streaks -	27	474
Clay, yellow -----	30	75	Lime -----	6	480
Clay, brown, sandy -----	40	115	Shale, black -----	40	520
Clay -----	7	122	Shale, blue flakes -----	25	545
Clay, sandy -----	33	155	Lime -----	29	574
Clay -----	120	275	Lime and clay -----	6	580
Lime -----	30	305	Shale, blue -----	40	620
Clay and lime -----	43	348	Clay and yellow lime ---	5	625
Shale, black -----	55	403	Gypsum and lime -----	51	676

Well C-3

Owner: Magnolia Petroleum Co. Driller: Hostetler Engineering.

Surface caliche and clay	20	20	Clay, light pink and coarse-grained, embedded gravel -----	5	65
Caliche and fine-grained, embedded sand -----	10	30	Clay and medium-grained, embedded gravel -----	10	75
Caliche and fine-grained, embedded gravel -----	5	35	Clay, light tan -----	5	80
Gravel, fine- to coarse- grained -----	10	45	Clay and fine- to medium- grained, embedded gravel -----	5	85
Gravel, medium- to very coarse-grained -----	5	50	Clay and scattered gravel	10	95
Caliche and medium-grained, embedded gravel -----	10	60	Clay and fine- to medium- grained, embedded gravel	15	110

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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well C-3--Continued			
Clay, light tan -----	5	115	Shale, red, sandy, small- to medium-grained, em- bedded gravel, and trace, fine-grained, white sand -----
Clay, light tan, and scattered, embedded gravel -----	5	120	5
Clay, light tan, red beds, and fine-grained, em- bedded gravel -----	5	125	Gravel, small- to medium- grained, intermixed with red, sandy shale -----
Clay, red beds, and fine- grained, embedded sand	5	130	5
Gravel, small- and medium- grained, mixed -----	5	135	Gravel, fine-grained to small- and medium- grained, intermixed with red, sandy shale-
Shale, red, sandy, and medium- to coarse- grained-embedded gravel	5	140	4
Shale, red, sandy, medium- grained, embedded gravel, and trace, fine-grained, white sand -----	25	165	Shale, red, sandy, and red shale, intermixed with some medium- grained gravel -----
			1
			180

Well C-20

Owner: -- Tyler. Driller: Peck, Penn. & Richardson.

Sand and gravel -----	170	170	Gypsum 40 percent, red shale 20 percent, red sandstone 30 percent, gray sandstone 10 percent -----	10	370
Sand and gravel 10 per- cent, red shale 90 percent -----	44	214	Anhydrite, crystalline 90 percent, red shale 10 percent -----	15	385
Gypsum 10 percent, red shale 50 percent, red sandstone 30 percent, gray sandstone 10 per- cent -----	136	350	Anhydrite, crystalline 90 percent, red shale 10 percent, trace, red and gray sandstone -----	10	395
Gypsum 30 percent, red shale 10 percent, red sandstone 50 percent, gray sandstone 10 per- cent -----	10	360	Anhydrite, crystalline 100 percent, trace, red shale -----	10	405

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-20--Continued					
Dolomite, grayish-tan, finely crystalline, porous 70 percent, anhydrite 10 percent, porous, gray sand- stone 20 percent -----	5	410	Dolomite, gray, dense 20 percent, anhydrite 10 percent, dolomitic, very sandy, gray shale 70 percent -----	5	475
Missing -----	15	425	Dolomite, gray to brown, dense 70 percent, sandy, gray dolomite 30 percent -----	10	485
Dolomite, gray to tan, finely crystalline, porous 80 percent, anhydrite 10 percent, gray sandstone 10 percent -----	5	430	Dolomite, gray to brown, dense, trace porosity 80 percent, sandy, gray dolomite 20 percent --	10	495
Dolomite, gray to tan, finely crystalline, slightly porous 80 percent, anhydrite 20 percent, trace, gray sandstone, trace, pyrite, quartz crystals -----	10	440	Dolomite, gray to brown, dense 50 percent, sandy, gray dolomite, trace, anhydrite 50 percent -	10	505
Dolomite, dense gray 80 percent, anhydrite 20 percent -----	10	450	Dolomite, gray, dense, porous 90 percent, sandy, gray dolomite 10 percent -----	5	510
Dolomite, tan, porous 20 percent, dense, gray dolomite 40 percent, anhydrite 20 percent, red sandstone 10 per- cent, gray sandstone 10 percent -----	10	460	Dolomite, gray, dense, porous 80 percent, sandy, gray dolomite 10 percent, gypsum 10 percent -----	10	520
Dolomite, tan, porous 10 percent, dense, gray dolomite 30 percent, anhydrite 30 percent, sandy, gray shale 10 percent, red sandstone 10 percent, gray sand- stone 10 percent -----	10	470	Dolomite, gray to tan, slightly porous 30 percent, anhydrite 20 percent, sandy, gray shale, 30 percent, sandy, red shale 20 percent -----	10	530
			Dolomite, tan, crystal- line, very porous 20 percent, oölitic, porous to dense, gray dolomite, trace, anhy- drite 60 percent, sandy gray shale 10 percent, red sandstone 10 percent	10	540

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-20--Continued					
Dolomite, gray, very oölitic, porous 60 percent, dense, slightly porous, brown dolomite, trace, anhydrite, trace, red sandstone 40 percent -----	10	550	Dolomite, tan to gray, oölitic, porous 20 percent, crystalline, white anhydrite 50 percent, gray shale 10 percent, gray sandstone 20 percent -----	10	640
Dolomite, gray and brown, very oölitic, porous, dense to slightly sandy 40 percent, anhydrite 30 percent, sandy, gray shale 10 percent, red sandstone 20 percent -	10	560	Dolomite, gray, oölitic, porous 10 percent, dolomitic, anhydrite 20 percent, crystalline, white anhydrite 50 percent, gray shale 10 percent, red sandstone 10 percent	5	645
Dolomite, gray, oölitic, porous 30 percent, anhydrite 60 percent, red sandstone 10 percent -	20	580	Dolomite, gray, oölitic, porous 20 percent, dolomitic, anhydrite 10 percent, crystalline, white anhydrite 50 percent, gray shale 10 percent, gray sandstone 10 percent -----	5	650
Dolomite, gray, oölitic 20 percent, anhydrite 50 percent, gray shale 10 percent, red sandstone 20 percent -----	10	590	Dolomite, gray, oölitic, porous, trace, and anhydrite, gypsum 30 percent, gray shale 20 percent, red sandstone 50 percent -----	20	670
Dolomite, gray, oölitic 10 percent, anhydrite, trace, gray shale 80 percent, gray sandstone 10 percent -----	10	600	Anhydrite, white, crystalline 40 percent, gray shale 50 percent, red sandstone 10 percent -----	5	675
Dolomite, gray, oölitic, very porous 30 percent, anhydrite 50 percent, gray shale 10 percent, red sandstone, trace, gray sandstone 10 percent -----	20	620	Anhydrite, white, crystalline 80 percent, gray shale 10 percent, red sandstone 10 percent -----	5	680
Dolomite, tan to gray, oölitic, porous 20 percent, anhydrite, white, crystalline 50 percent, gray shale 10 percent, red sandstone 20 percent -----	10	630	Anhydrite, white, crystalline 20 percent, gray shale 10 percent, red sandstone 10 percent -----	5	685

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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Well C-20--Continued					
Dolomite, brown, oölitic, anhydritic 10 percent, crystalline, white anhydrite 50 percent, gray shale 30 percent, gray sandstone 10 percent -----	5	690	Dolomite, gray to brown, porous 10 percent, anhydrite 30 percent, gray shale 40 percent, red sandstone 10 percent, gray sandstone 10 percent -----	10	735
Dolomite, brown, trace, and white and gray anhydrite 70 percent, gray shale 20 percent, red sandstone 10 percent -----	5	695	Dolomite, trace, and anhydrite 30 percent, gray shale 60 percent, red sandstone 10 percent -----	10	745
Anhydrite 10 percent, gray shale 80 percent, red sandstone 10 percent -----	5	700	Anhydrite, white, crystalline 10 percent, trace, salt, trace, red sandstone -----	10	755
Anhydrite, white 40 percent, gray shale 30 percent, red sandstone 30 percent -----	5	705	Anhydrite 50 percent, salt 50 percent -----	10	765
Anhydrite, white, crystalline 80 percent (20 percent pitted), trace, polyhalite, and gray shale 20 percent, trace, red sandstone -----	5	710	Anhydrite 30 percent, salt 70 percent -----	5	770
Anhydrite, pink 40 percent, polyhalite 10 percent, gray shale 50 percent -----	5	715	Anhydrite 70 percent, salt 30 percent -----	5	775
Dolomite, gray, oölitic, trace, and anhydrite 40 percent, polyhalite 50 percent, red sandstone 10 percent -----	10	725	Anhydrite, white, crystalline 100 percent, trace, gray sandstone-----	10	785
			Anhydrite, white, crystalline 90 percent, gray sandstone 10 percent -----	7	792
			Dolomite, gray, trace, and anhydrite 50 percent, polyhalite 10 percent, salt 20 percent, gray shale 10 percent, trace, red shale, and red sandstone 10 percent, trace, gray sandstone -----	11	803

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-20--Continued					
Anhydrite 10 percent, polyhalite 10 per- cent, salt 70 per- cent, red sandstone 10 percent, trace, gray sandstone -----	10	813	Anhydrite 90 percent, gray shale 10 percent-	20	990
Salt 100 percent, trace, anhydrite and poly- halite -----	25	838	Anhydrite 100 percent, trace, gray shale ----	12	1,002
Salt 100 percent -----	12	850	Anhydrite 10 percent, salt 90 percent, trace, gray shale -----	12	1,014
Anhydrite 60 percent, salt 40 percent -----	10	860	Salt 100 percent -----	31	1,045
Anhydrite 100 percent --	10	870	Salt 100 percent, trace, anhydrite -----	10	1,055
Anhydrite 90 percent, trace, salt, and gray shale 10 percent -----	10	880	Salt 100 percent, trace, gray shale, trace, gray sandstone -----	20	1,075
Anhydrite 90 percent, trace, gray shale, and gray sandstone 10 percent -----	10	890	Anhydrite 60 percent, salt 40 percent -----	15	1,090
Anhydrite 100 percent, trace, gray shale and gray sandstone -----	25	915	Anhydrite 100 percent --	10	1,100
Anhydrite 40 percent, salt 60 percent, trace, gray shale and gray sandstone -----	10	925	Anhydrite 50 percent, salt 50 percent -----	7	1,117
Anhydrite 70 percent, salt 20 percent, gray sandstone 10 percent -	13	938	Anhydrite 80 percent, salt 20 percent -----	9	1,126
Anhydrite 100 percent, trace, gray sandstone-	2	940	Anhydrite 100 percent, trace, dolomite -----	6	1,132
Anhydrite 90 percent, gray shale 10 percent-	20	960	Dolomite, light brown, partly porous 20 per- cent, anhydrite 80 percent -----	18	1,150
Anhydrite 100 percent --	10	970	Dolomite, light brown 10 percent, dolomitic, gray to brown anhydrite 10 percent, gray to white anhydrite 80 percent -----	10	1,160

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Table 5.--Drillers' logs of wells in Pecos County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
Well C-20--Continued							
Dolomite, trace, and anhydrite 20 percent, salt 70 percent, gray shale 10 percent, trace, gray sandstone -----	10	1,170	Anhydrite, red and brown, dolomitic, trace, and anhydrite 80 percent, gray shale 20 percent-	17	1,287		
Anhydrite 10 percent, salt 90 percent -----	10	1,180	Dolomite, gray and brown, anhydritic 10 percent, anhydrite 80 percent, gray shale 10 percent-	5	1,292		
Anhydrite 100 percent --	10	1,190	Dolomite, light brown, porous 10 percent, anhydrite 90 percent, trace, gray shale ----	13	1,305		
Anhydrite, gray, dolomitic, trace, and anhydrite 90 percent, salt 10 percent -----	6	1,196	Dolomite, light buff, platy 20 percent, anhydrite 70 percent, gray shale 10 percent-	10	1,315		
Anhydrite 40 percent, salt 60 percent -----	17	1,213	Dolomite, brown, crystalline, trace porosity, oil stain 30 percent, anhydrite 60 percent, gray shale 10 percent-	10	1,325		
Dolomite, brown, slightly porous 30 percent, anhydrite 60 percent, salt 10 percent -----	12	1,225	Dolomite, light brown 10 percent, anhydrite 80 percent, gray shale 10 percent -----	10	1,335		
Dolomite, brown, slightly porous 30 percent, anhydrite 70 percent -	15	1,240	Dolomite, brown, finely crystalline 30 percent, anhydrite 70 percent -	15	1,350		
Dolomite, brown, slightly porous 10 percent, white to gray anhydrite 90 percent -----	5	1,245	Dolomite, brown, finely crystalline 50 percent, anhydrite 10 percent -	15	1,365		
Dolomite, trace, and gray to white anhydrite 90 percent, trace, red shale, and gray sandstone 10 percent -----	10	1,255	Dolomite, brown, finely crystalline 90 percent, anhydrite 10 percent -	18	1,383		
Anhydrite 10 percent, salt 90 percent, trace, red shale -----	15	1,270	Dolomite, gray to brown, platy 90 percent, anhydrite 10 percent ---	12	1,395		

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Table 5.--Drillers' logs of wells in Pecos County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
Well C-20--Continued							
Dolomite, brown to buff 80 percent, anhydrite 20 percent, trace, red shale -----	6	1,401	Anhydrite 50 percent, trace, bentonite, and red shale 10 percent, oil stained brown sand- stone 20 percent, quartz, frosted grains, gray to white sandstone 20 per- cent -----	14	1,479		
Dolomite, brown to buff 90 percent, anhydrite 10 percent, trace gray shale -----	9	1,410	Anhydrite 40 percent, trace, bentonite, and red shale 10 percent, red sandstone 30 per- cent, quartz, frosted grains, gray sandstone 20 percent -----	6	1,485		
Dolomite, brown to buff 10 percent, anhydrite 50 percent, gray shale 10 percent, shaly to slightly oil stained brown, gray sandstone 30 percent -----	10	1,420	Anhydrite, red 10 per- cent, white anhydrite 80 percent, trace, red shale, trace, red sand- stone, and anhydritic, gray to white sandstone 10 percent -----	17	1,502		
Dolomite, trace, and anhydrite 70 percent, shaly, gray sandstone 30 percent -----	13	1,433	Anhydrite, white to red 90 percent, trace, bentonite, and sandy, red shale 10 percent, trace, gray sandstone-	11	1,513		
Dolomite, trace, and anhydrite 90 percent, trace, gray shale, and anhydritic, gray sand- stone 10 percent -----	10	1,443	Dolomite, buff to light gray, oölitic to crys- talline 30 percent, crystalline, white anhydrite 50 percent, trace, bentonite, and red shale 10 percent, red sandstone 10 per- cent, trace, gray sandstone -----	27	1,540		
Dolomite, brown, oil stained 10 percent, anhydrite 40 percent, trace, gray shale, and anhydritic, gray to white sandstone 50 percent -----	9	1,452					
Missing -----	6	1,458					
Dolomite 5 percent, an- hydrite 50 percent, bentonite 5 percent, red shale 10 percent, red sandstone 10 per- cent, gray sandstone 20 percent -----	7	1,465					

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-20--Continued					
Dolomite, buff to oil stained brown, oölitic, porous 10 percent, crystalline, white anhydrite 70 percent, trace, bentonite, and red shale 10 percent, gray sandstone 10 percent -----	8	1,548	Dolomite, oil stained brown, slightly porous 20 percent, white dolomite 20 percent, crystalline, white anhydrite 60 percent, trace, bentonite, trace, red shale, trace, red sandstone, trace, gray sandstone -----	3	1,583
Dolomite, light buff to brown, trace oil stain, oölitic porosity, 30 percent, crystalline, white anhydrite 60 percent, trace, bentonite, and red shale 10 percent, trace, gray sandstone -----	7	1,555	Dolomite, trace, and crystalline, white anhydrite 60 percent, sandy, green bentonite 10 percent, trace, red shale, and shaly, red sandstone 10 percent, green bentonitic gray sandstone 20 percent -	12	1,595
Dolomite, trace, and crystalline, white anhydrite 90 percent, trace, bentonite, and red shale 10 percent, trace, red sandstone, trace, gray sandstone-	10	1,565	Dolomite, pink light brown to light gray green, trace oil stain 30 percent, anhydrite 60 percent, trace, bentonite, trace, red shale, and shaly, red sandstone 10 percent, trace, gray sandstone-	12	1,607
Dolomite, trace, oil stained brown, crystalline, and buff to light brown dolomite 10 percent, crystalline, white anhydrite 80 percent, trace, bentonite, and red shale 10 percent, trace, red sandstone, trace, gray sandstone -----	15	1,580	Anhydrite, white crystalline 40 percent ---	12	1,619
			Dolomite, oil stained 20 percent, trace oil stain and porosity, light gray to white dolomite 40 percent, crystalline, white anhydrite 20 percent, red shale 10 percent, red sandstone 5 percent, gray sandstone 5 percent -----	7	1,626

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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Well C-20--Continued					
Dolomite, light gray and white to light brown, trace oil stain and porosity 40 percent, crystalline, white anhydrite 20 percent, trace, red shale, and shaly, red sandstone 30 percent, gray sandstone 10 percent -----	4	1,630	Dolomite, light brown to light gray and buff 40 percent, pink dolomite 20 percent, anhydrite 40 percent, trace, red shale, trace, red sandstone, trace, gray sandstone -----	3	1,670
Dolomite, light grayish-white to pink 25 percent, white and red anhydrite 50 percent, green and red bentonite 5 percent, trace, red shale, and shaly, red sandstone 10 percent, gray sandstone 10 percent -----	10	1,640	Dolomite, light brown to light gray, slightly sandy 60 percent, anhydrite 30 percent, red sandstone 10 percent, trace, gray sandstone-	10	1,680
Dolomite, pink 10 percent, light gray to white dolomite 10 percent, anhydrite 50 percent, red shale 10 percent, shaly, red sandstone 10 percent, gray sandstone 10 percent -	10	1,650	Dolomite, buff 20 percent anhydrite 20 percent, gray shale 10 percent, red shale 10 percent, shaly, red sandstone 20 percent, shaly, gray sandstone 20 percent -	5	1,685
Dolomite, light brown, trace oil stain 80 percent, trace, finely crystalline, porous dolomite, and anhydrite 20 percent, trace, red sandstone, trace, gray sandstone-	5	1,655	Dolomite 20 percent, anhydrite 20 percent, bentonitic, green shale 10 percent, shaly, red sandstone 30 percent, shaly, red and green mottled 20 percent ---	2	1,687
Dolomite, grayish-brown, dense 70 percent, sandy, brown dolomite 20 percent, trace, anhydrite, and dolomitic, gray sandstone 10 percent -	12	1,667	Dolomite, gray to slightly oil stained brown 70 percent, pink dolomite 10 percent, anhydrite 10 percent, trace, red shale, and shaly, gray sandstone 10 percent -	8	1,695
			Dolomite, buff to light tan, trace oil stain 60 percent, anhydrite 40 percent, trace, gray shale, trace, gray sandstone -----	5	1,700

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Table 5.--Drillers' logs of wells in Pecos County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
Well C-20--Continued							
Dolomite, buff 20 percent, anhydrite 40 percent, red shale 10 percent, trace, red sandstone, and green and gray sandstone, trace oil stain in dolomite 20 percent, sandy, red dolomite 10 percent -----	10	1,710	Dolomite 20 percent, pink, sandy dolomite 20 percent, anhydrite 30 percent, red sandstone 20 percent, anhydritic, gray sandstone 10 percent -----	14	1,776		
Dolomite, light gray to buff 60 percent, sandy, red dolomite 10 percent, anhydrite 30 percent, trace, red shale, trace, gray sandstone -----	5	1,715	Dolomite 20 percent, anhydrite 60 percent, red sandstone 10 percent, gray sandstone 10 percent -----	14	1,790		
Dolomite, light gray to buff 70 percent, anhydrite 20 percent, trace, red sandstone, and gray sandstone 10 percent -	10	1,725	Dolomite, buff to pink 20 percent, anhydrite 60 percent, red sandstone 10 percent, gray sandstone 10 percent -	9	1,799		
Dolomite, buff to tan 40 percent, anhydrite 60 percent, trace red sandstone, trace, gray sandstone -----	10	1,735	Dolomite, buff 80 percent, anhydrite 20 percent -----	8	1,807		
Dolomite, buff 80 percent, anhydrite 20 percent, trace gray shale -----	10	1,745	Dolomite, buff, 60 percent, anhydrite 40 percent -----	7	1,814		
Dolomite, light gray to buff, dense 40 percent, red dolomite 10 percent, anhydrite 40 percent, red sandstone 10 percent, trace, gray sandstone -----	6	1,751	Dolomite, light gray to buff 40 percent, anhydrite 30 percent, red sandstone 10 percent, oil stained, shaly, gray sandstone 20 percent -----	10	1,824		
Dolomite, brown, crystalline to dense 80 percent, anhydrite 20 percent, trace, gray shale -----	11	1,762	Dolomite, light gray to buff and brown 60 percent, anhydrite 40 percent, trace, red sandstone, trace, gray sandstone -----	11	1,835		

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-20--Continued					
Dolomite 40 percent, sandy, gray to pink dolomite 30 percent, anhydrite 20 percent, red sandstone 10 percent, trace, gray sandstone -----	10	1,845	Dolomite, buff to brown, trace oil stain 50 percent, anhydrite 20 percent, gray shale 20 percent, gray sandstone 10 percent -----	9	1,913
Dolomite 30 percent, sandy dolomite 10 percent, anhydrite 40 percent, red sandstone 10 percent, gray sandstone 10 percent -----	8	1,853	Dolomite 20 percent, anhydrite 20 percent, shaly, slightly oil stained gray sandstone 60 percent -----	12	1,925
Dolomite, brown to gray 60 percent, anhydrite 30 percent, trace, red sandstone, and gray to oil stained brown sandstone 10 percent -----	8	1,861	Dolomite, oil stained brown, platy 60 percent, anhydrite 20 percent, gray shale 10 percent, shaly, gray sandstone 10 percent -----	9	1,934
Dolomite, brown to gray 40 percent, anhydrite 50 percent, gray sandstone 10 percent -----	9	1,870	Dolomite, oil stained to light saturated brown, trace porosity 70 percent, anhydrite 30 percent, trace, gray sandstone -----	8	1,942
Dolomite, gray, crystalline, platy 80 percent, anhydrite 20 percent -	11	1,881	Dolomite, gray to buff and brown 80 percent, anhydrite 20 percent -	3	1,945
Dolomite, gray, crystalline, platy 60 percent, anhydrite 30 percent, gray sandstone 10 percent -----	4	1,885	Dolomite, brown to gray 60 percent, anhydrite 40 percent -----	7	1,952
Dolomite, brown to buff 50 percent, anhydrite 30 percent, gray shale 10 percent, shaly, gray sandstone 10 percent -	8	1,893	Dolomite, buff and white to oil stained brown 70 percent, anhydrite 10 percent, trace dead oil stain, gray sandstone 20 percent -----	10	1,962
Dolomite, gray to buff and brown 70 percent, anhydrite 30 percent -	11	1,904			

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Table 5.--Drillers' logs of wells in Pecos County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
Well C-20--Continued							
Dolomite, buff and white, trace dead oil stain 60 percent, anhydrite 30 percent, trace dead oil stain, gray sand- stone 10 percent -----	11	1,973	Dolomite, light gray to buff, finely crystal- line 90 percent, shaly, gray to oil stained brown sandstone 10 percent -----	5	2,050		
Dolomite, buff to white 50 percent, anhydrite 40 percent, shaly, greenish-gray sand- stone 10 percent -----	8	1,981	Dolomite, gray 30 percent, green shale 10 percent, some oil stain, silty, gray sandstone 60 per- cent -----	17	2,067		
Dolomite, buff to white 60 percent, porous, white to oil stained brown sandstone 40 percent -----	14	1,995	Dolomite, white, finely crystalline 90 percent, silty, gray sandstone 10 percent -----	3	2,070		
Dolomite, light gray, finely crystalline 100 percent -----	12	2,007	Dolomite, light brown 40 percent, trace light saturation, quartz, frosted grains, shaly, gray sandstone 60 per- cent -----	5	2,075		
Dolomite, light gray, trace oil stain 80 percent, trace oil stain, shaly, gray sandstone 20 percent -	6	2,013	Dolomite, light brown 60 percent, trace light saturation, shaly, gray sandstone 40 percent -	8	2,083		
Dolomite, light gray to brown 30 percent, quartz, frosted grains, shaly, gray to oil stained brown sand- stone 70 percent -----	13	2,026	Dolomite, gray to brown, finely crystalline 100 percent -----	5	2,088		
Dolomite, light gray to white 40 percent, shaly, gray to oil stained brown sandstone 60 percent -----	14	2,040	Dolomite, brown, finely crystalline 90 percent, shaly, gray sandstone 10 percent -----	5	2,093		
Dolomite, light gray to brown and white 70 per- cent, gray shale 10 percent, shaly, gray to oil stained brown sand- stone 20 percent -----	5	2,045	Dolomite, light gray to brown, finely crystal- line 100 percent, trace, shaly, gray sandstone-	7	2,100		

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-20--Continued					
Dolomite, oil stained brown 10 percent, light gray, finely crystalline dolomite 50 percent, gray shale 10 percent, trace oil stain, silty, gray sandstone 30 percent -	20	2,120	Dolomite, light gray to brown, finely crystalline 80 percent, bentonite 10 percent, trace, dark gray shale, and gray sandstone 10 percent -----	7	2,185
Dolomite, gray 20 percent, gray shale 10 percent, trace oil stain, white to gray sandstone 70 percent -	15	2,135	Dolomite, light brown 80 percent, bentonite 20 percent, trace, dark gray shale, trace, gray sandstone -----	5	2,190
Dolomite, slightly porous, spotty saturation 40 percent, light gray dolomite 20 percent, gray shale 10 percent, silty, dolomitic, gray sandstone 30 percent	5	2,140	Dolomite, light brown 30 percent, bentonite 30 percent, dolomitic, gray sandstone 40 percent -	5	2,195
Dolomite, buff to light gray, finely crystalline 90 percent, trace, gray shale, and silty, dolomitic, gray sandstone 10 percent -----	5	2,145	Dolomite, light gray to light brown, finely crystalline 60 percent, bentonite 40 percent, trace, gray sandstone-	10	2,205
Dolomite, light green, finely crystalline 90 percent, trace, gray shale, and silty, dolomitic, gray sandstone-	5	2,150	Dolomite, gray to brown 20 percent, sandy, light brown dolomite 20 percent, bentonite 30 percent, dolomitic, gray to brown sandstone 30 percent -----	6	2,211
Dolomite, light tan, finely crystalline 70 percent, bentonite 10 percent, dolomitic, gray sandstone 20 percent -----	18	2,168	Dolomite, gray, dense 100 percent, trace, dark gray shale, trace, gray sandstone -----	10	2,221
Dolomite, gray to light gray, finely crystalline 60 percent, bentonite 20 percent, trace, dark gray shale, and dolomitic, gray to white sandstone 20 percent -	10	2,178	Dolomite, gray 40 percent, trace, dark gray shale, silty, gray sandstone 60 percent -----	4	2,225
			Dolomite, slightly oil stained gray to brown, trace porosity 100 percent, trace, gray sandstone -----	5	2,230

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-20--Continued					
Dolomite, white, crystalline, oil stained, slightly porous 20 percent, gray to slightly oil stained brown dolomite 70 percent, bentonite 10 percent -----	6	2,236	Dolomite, light brown, saturated, slightly porous 10 percent, gray to brown dolomite 80 percent, bentonite 10 percent, trace, gray shale, trace, gray sandstone -----	9	2,296
Dolomite, light gray to light brown, trace oil stain and porosity 90 percent, bentonite 10 percent -----	6	2,242	Dolomite, gray to brown, finely crystalline, trace oil stain 90 percent, anhydrite 10 percent, trace, dark gray shale -----	7	2,303
Dolomite, light gray to white, finely crystalline 90 percent, bentonite 10 percent, trace, gray shale -----	7	2,249	Dolomite, dull gray, finely crystalline, trace dead oil stain 90 percent, bentonite 10 percent, trace, dark gray shale	11	2,314
Dolomite, light buff to white, finely crystalline to crystalline 80 percent, bentonite 20 percent -	3	2,252	Dolomite, gray, dead oil stain, trace porosity 10 percent, finely crystalline, light gray dolomite 90 percent, trace, dark gray shale, trace quartz crystals-	4	2,318
Dolomite, brown, dense 70 percent, bentonite 30 percent -----	10	2,262	Dolomite, gray to brown, dense, trace oil stain 95 percent, anhydrite 5 percent, trace, black shale -----	3	2,321
Dolomite, brown, dense 80 percent, bentonite 20 percent -----	8	2,270	Dolomite, gray, very crystalline, slightly sandy 40 percent, finely crystalline, gray dolomite 60 percent, trace, gray shale ----	4	2,325
Dolomite, light gray, 80 percent, bentonite 20 percent -----	6	2,276	Dolomite, gray, very crystalline 10 percent, crystalline, white to light gray dolomite 90 percent, trace, gray shale ----	5	2,330
Dolomite, light brown, trace oil stain, and light gray dolomite 90 percent, bentonite 10 percent, trace, gray shale -----	11	2,287			

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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Well C-20--Continued					
Dolomite, light gray to brown gray, crystalline 70 percent, trace, gray shale, and dolomitic, silty, gray sandstone 30 percent -----	10	2,340	Dolomite, brown, saturated, porous, trace, and finely crystalline, gray dolomite 90 percent, bentonite 10 percent, trace, gray shale 4	2,385	
Dolomite, light gray, crystalline 100 percent, trace, gray sandstone -----	4	2,344	Dolomite, brown, saturated, trace porosity 10 percent, dense, gray dolomite 85 percent, bentonite 5 percent -----	5	2,390
Dolomite, gray to light gray, crystalline 90 percent, sandy, dark gray shale 10 percent, trace, gray sandstone-	6	2,350	Dolomite, gray to brown, spotty, saturated, porous, oölitic 30 percent, dense, gray dolomite 70 percent	7	2,397
Dolomite, gray to light grayish-white, dense, fine oölitic 100 percent, trace, bentonite, trace, gray shale ----	5	2,355	Dolomite, buff, finely crystalline to oölitic, slight porosity, spotty oil stain 100 percent, trace bentonite -----	5	2,402
Dolomite, drab gray, fine oölitic, trace porosity 90 percent, dolomitic, gray sandstone (dolomite is pyritic) 10 percent	3	2,358	Dolomite, gray to buff, finely crystalline to oölitic 100 percent, trace, saturated, dolomite, and oil stained dolomite 20 percent, trace, gray shale ----	8	2,410
Dolomite, brown, saturated, slightly porous 20 percent, trace oil stain, dense, drab gray dolomite 50 percent, silty, dolomitic, gray sandstone 20 percent -----	7	2,375	Dolomite, slightly oil stained light brown, finely crystalline, slightly porous 60 percent, oölitic, gray to buff dolomite 40 percent, trace porosity -	4	2,414
Dolomite, gray, dense to finely crystalline 80 percent, sandy bentonite 20 percent, trace, silty, gray sandstone -----	6	2,381	Dolomite, slightly oil stained white to light brown, finely crystalline to oölitic, tract porosity 80 percent, trace, bentonite, trace, gray shale	6	2,420

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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well C-20--Continued					
Dolomite, buff, oölitic, trace porosity and oil stain 100 percent, trace, gray shale ----	6	2,426	Dolomite, oil stained brown, oölitic, finely porous 30 percent, oö- litic, slightly porous, oil stained white to light brown dolomite 70 percent, trace, black shale -----	9	2,448
Dolomite, buff, oil stained, crystalline, slight porous 80 percent, black shale 20 percent -----	13	2,439	Dolomite, oil stained brown to buff, finely porous, finely crystal- line to oölitic 100 per- cent, trace, bentonite, trace, black shale ---	12	2,460

Well C-49

Owner: C. W. Williams. Driller: G. T. Abell.

Sand -----	15	15	Anhydrite -----	10	315
Sand and water -----	10	25	Sand and water -----	5	320
Gravel -----	15	40	Sand -----	5	325
Sand and gravel -----	20	60	Sand and shale -----	5	330
Sand, red -----	15	75	Red beds -----	5	335
Red beds -----	15	90	Anhydrite -----	20	355
Sand -----	35	125	Shale, blue -----	20	375
Sand and gravel -----	20	145	Anhydrite -----	15	390
Red beds -----	8	153	Lime -----	20	410
Sand and gravel -----	7	160	Shale, blue -----	20	430
Red beds -----	15	175	Anhydrite -----	40	470
Sand -----	10	185	Rock, red -----	20	490
Sand and gravel -----	10	195	Anhydrite -----	55	545
Red beds -----	110	305	Rock, red -----	15	560

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-49--Continued					
Anhydrite -----	15	575	Salt -----	15	1,300
Anhydrite and red rock -	25	600	Anhydrite -----	15	1,315
Salt -----	30	630	Rock, red -----	5	1,320
Anhydrite -----	30	660	Anhydrite -----	80	1,400
Anhydrite and salt -----	15	675	Anhydrite and red rock -	35	1,435
Salt -----	15	690	Anhydrite -----	45	1,480
Anhydrite -----	55	745	Anhydrite and red rock -	70	1,550
Salt -----	20	765	Anhydrite -----	65	1,615
Anhydrite -----	20	785	Lime, brown -----	40	1,655
Anhydrite and salt -----	10	795	Anhydrite -----	45	1,700
Salt -----	90	885	Lime and anhydrite -----	35	1,735
Anhydrite -----	30	915	Lime -----	20	1,755
Anhydrite and salt -----	5	920	Anhydrite -----	30	1,785
Anhydrite -----	50	970	Lime -----	25	1,810
Salt -----	10	980	Anhydrite -----	25	1,835
Salt and anhydrite -----	15	995	Shale, blue, and anhydrite	35	1,870
Salt -----	45	1,040	Lime and anhydrite -----	30	1,900
Anhydrite -----	15	1,055	Lime, brown -----	10	1,910
Salt -----	20	1,075	Lime -----	15	1,925
Anhydrite -----	75	1,150	Shale, blue, and anhydrite	25	1,950
Lime, brown -----	60	1,210	Lime and anhydrite -----	30	1,980
Lime and anhydrite -----	25	1,235	Lime -----	20	2,000
Anhydrite -----	15	1,250	Anhydrite -----	15	2,015
Red beds and anhydrite -	35	1,285	Shale, sandy -----	15	2,030

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-49--Continued					
Lime -----	30	2,060	Lime -----	105	2,255
Lime and anhydrite ----	15	2,075	Lime, broken -----	15	2,270
Lime -----	5	2,080	Lime -----	25	2,295
Shale, blue -----	15	2,095	Lime and shale -----	55	2,350
Lime and blue shale ----	20	2,115	Lime and sand -----	25	2,375
Lime -----	25	2,140	Lime -----	60	2,435
Lime and anhydrite ----	10	2,150	Lime, sandy -----	14	2,449

Well C-95

Owner: E. A. Hall. Driller: William Y. Penn.

Dolomite, tan 40 per- cent, gypsum 30 per- cent, gray shale, 10 percent, red sand- stone 20 percent -----	465	465	Dolomite 30 percent, gypsum 20 percent, black and gray shale 50 percent -----	20	525
Dolomite, tan 20 percent, gypsum 30 percent, red shale 30 percent, red sandstone 10 percent, gray sandstone 20 per- cent -----	10	475	Dolomite, gray, crystal- line, porous 60 percent, gypsum 10 percent, dolo- mitic, gray sandstone 30 percent -----	10	535
Dolomite 20 percent, gypsum 30 percent, gray shale 10 percent, red sandstone 10 per- cent, gray sandstone 30 percent -----	10	485	Dolomite, gray, crystal- line, porous 50 percent, dense, tan dolomite 30 percent, gypsum 10 per- cent, dolomitic, gray sandstone 10 percent -	10	545
Dolomite 40 percent, gypsum 40 percent, gray sandstone 20 percent -----	10	495	Dolomite, gray to tan, slightly porous 100 percent -----	40	585
Dolomite 50 percent, gyp- sum 40 percent, gray shale 10 percent -----	10	505	Dolomite, gray to tan, slightly porous 90 percent, red shale 10 percent -----	5	590

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-95--Continued					
Dolomite, gray to tan, slightly porous 70 percent, gypsum 20 percent, trace, gray shale, and red shale 10 percent -----	10	600	Dolomite, trace, and anhydrite 90 percent, red sandstone 10 percent -----	20	695
Dolomite, gray to tan, slightly porous 60 percent, anhydrite, gypsum 40 percent ----	10	610	Anhydrite 100 percent, trace, red sandstone -	10	705
Dolomite, gray, trace porosity 40 percent, anhydrite 60 percent, trace, red sandstone, trace, gray sandstone-	10	620	Anhydrite 100 percent --	20	725
Dolomite 30 percent, anhydrite 70 percent, trace, red sandstone -	10	630	Anhydrite 90 percent, red sandstone 10 percent -	45	770
Dolomite 40 percent, anhydrite 40 percent, red sandstone 10 percent, gray sandstone 10 percent -----	5	635	Anhydrite 100 percent --	10	780
Dolomite 30 percent, anhydrite 60 percent, red shale 10 percent -	10	645	Anhydrite 100 percent, trace, gray shale ----	7	787
Dolomite 20 percent, anhydrite 60 percent, red sandstone 10 percent, gray sandstone 10 percent -----	10	655	Anhydrite 100 percent --	43	830
Dolomite, trace, and anhydrite 70 percent, red shale 10 percent, red sandstone 10 percent, gray sandstone 10 percent -----	10	665	Anhydrite 60 percent, salt 30 percent, gray shale 10 percent -----	10	840
Dolomite, trace, and anhydrite 80 percent, gray shale 20 percent-	10	675	Anhydrite 50 percent, salt 40 percent, gray shale 10 percent -----	10	850
			Anhydrite 80 percent, salt 20 percent -----	10	860
			Anhydrite 90 percent, salt 10 percent -----	5	865
			Anhydrite 90 percent, gray shale 10 percent-	12	877
			Anhydrite 90 percent, salt 10 percent -----	10	887
			Anhydrite 30 percent, salt 70 percent -----	8	895
			Anhydrite 90 percent, salt 10 percent -----	10	905
			Anhydrite 20 percent, salt 80 percent -----	15	920

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-95--Continued					
Salt 100 percent -----	25	945	Anhydrite, gray and white 100 percent, trace, salt	10	1,185
Anhydrite, dolomitic 20 percent, salt 80 per- cent -----	10	955	Dolomite, brown to gray 10 percent, anhydritic, gray dolomite 10 per- cent, anhydrite 70 per- cent, anhydritic, gray sandstone 10 percent -	10	1,195
Salt 100 percent -----	30	985			
Anhydrite 50 percent, salt 50 percent -----	10	995	Dolomite, brown, anhy- dritic, trace porosity 20 percent, anhydrite 70 percent, anhydritic, gray sandstone 10 per- cent -----	10	1,205
Anhydrite 30 percent, salt 70 percent -----	25	1,020			
Salt 100 percent -----	10	1,030	Dolomite, brown, crystal- line, porous 20 percent, crystalline, brown dolo- mite 20 percent, anhy- drite 60 percent -----	10	1,215
Anhydrite 10 percent, salt 90 percent -----	10	1,040			
Dolomite, brown 10 per- cent, anhydrite 90 percent, trace, salt -	15	1,055	Dolomite, brown, porous, crystalline, trace oil stain 40 percent, an- hydrite 60 percent ---	15	1,230
Dolomite, trace, and anhydrite 100 percent-	10	1,065			
Anhydrite 10 percent, salt 90 percent -----	10	1,075	Dolomite, brown, porous, trace oil stain 10 per- cent, dense, buff dolo- mite 20 percent, anhy- drite 70 percent, trace, gray shale -----	14	1,244
Salt 100 percent -----	10	1,085			
Anhydrite 70 percent, salt 30 percent -----	10	1,095	Dolomite, brown, oil stained, oölitic porosity 60 percent, anhydrite 40 percent -	16	1,260
Anhydrite 90 percent, salt 10 percent -----	10	1,105			
Anhydrite, white 60 per- cent, salt 40 percent-	25	1,130	Dolomite, brown, oil stained 30 percent, crystalline, buff dolomite 50 percent, anhydrite 20 percent -	10	1,270
Anhydrite 100 percent --	14	1,144			
Anhydrite 10 percent, salt 90 percent -----	16	1,160			
Anhydrite, trace, and salt 100 percent, trace, gray shale, trace, red shale	15	1,175			

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-95--Continued					
Dolomite, buff to gray, crystalline 90 percent, anhydrite 10 percent -	10	1,280	Dolomite 10 percent, anhydrite 40 percent, trace, gray and red shale, and shaly, red sandstone 20 percent, gray sandstone 30 percent -----	10	1,360
Dolomite, trace oil stain, trace porosity 50 percent, trace, gray shale, and anhydrite 50 percent -----	10	1,290	Dolomite, red, slightly sandy 20 percent, buff dolomite 10 percent, anhydrite 50 percent, shaly, red sandstone 10 percent, gray sandstone 10 percent -----	10	1,370
Dolomite, brown to buff, oölitic, porous, oil stained 80 percent, anhydrite 20 percent -	5	1,295	Dolomite, trace, and anhydrite 30 percent, red shale 10 percent, silty, gray sandstone 30 percent, shaly, red sandstone 30 percent -	10	1,380
Dolomite, brown to buff, crystalline to oölitic 50 percent, anhydrite 30 percent, sandy anhydrite 10 percent, gray shale 10 percent, trace, gray sandstone-	20	1,315	Anhydrite 40 percent, red shale 10 percent, shaly, red sandstone 40 percent, gray sandstone 10 percent -----	7	1,387
Dolomite, gray to buff, 30 percent, slightly sandy anhydrite 30 percent, gray shale 10 percent, trace, red sandstone, and silty, gray sandstone 30 percent -----	10	1,325	Anhydrite 80 percent, red shale 10 percent, shaly, red sandstone 10 percent, trace, gray sandstone -----	8	1,395
Dolomite 20 percent, red and white anhydrite 50 percent, red shale 10 percent, trace, red sandstone, and silty, gray sandstone 20 percent -----	15	1,340	Anhydrite 80 percent, red shale 10 percent, shaly, red sandstone 10 percent, trace, gray sandstone-	8	1,403
Dolomite 10 percent, anhydrite 70 percent, red shale 10 percent, trace, red sandstone, and silty, gray sandstone 10 percent -----	10	1,350	Anhydrite 90 percent, red shale 10 percent, trace, red sandstone -----	6	1,409

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Table 5.--Drillers' logs of wells in Pecos County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
Well C-95--Continued							
Anhydrite 80 percent, trace, red shale, and red sandstone 10 per- cent, silty, gray sandstone 10 percent -	11	1,420	Dolomite, gray to stained, porous, saturated brown, 60 percent, trace, porous, oölitic to crystalline dolomite, and anhydrite 40 percent, trace, gray shale -----	15	1,500		
Dolomite, tan to buff, trace porosity 20 per- cent, anhydrite 70 percent, trace, black and red shale, and red sandstone 10 percent, trace, gray sandstone-	12	1,432	Dolomite 30 percent anhy- drite 10 percent, trace, gray shale, trace, red shale, and red sandstone 30 percent, gray sand- stone 30 percent -----	14	1,514		
Dolomite, tan to buff, porous 10 percent, anhydrite 40 percent, gray shale 10 percent, shaly, red sandstone 30 percent, anhydritic, gray sandstone 10 per- cent -----	13	1,445	Dolomite, tan to buff 40 percent, anhydrite 30 percent, trace, bento- nite, and gray shale 10 percent red sandstone 10 percent, gray sand- stone 10 percent -----	10	1,524		
Dolomite, trace, and anhydrite 90 percent, red shale 10 percent -	10	1,455	Dolomite, tan, buff to slightly oil stained brown, crystalline 30 percent, anhydrite 50 percent, red shale 10 percent, red sandstone 10 percent -----	11	1,535		
Dolomite, oil stained brown crystalline to buff 30 percent, anhydrite 70 percent, trace red shale, trace, red sandstone -	10	1,465	Dolomite, tan, buff to pink, trace oil stain 40 percent, red and white anhydrite 50 percent, black shale 10 percent -----	15	1,550		
Dolomite, oil stained brown crystalline, trace porosity 40 percent, an- hydrite 40 percent, gray shale 10 percent, red shale 10 percent, trace gray sandstone -----	10	1,475	Dolomite, tan to buff trace oil stain 60 per- cent, white and red an- hydrite 30 percent, trace, black and red shale, and silty, red sandstone 10 percent -	10	1,560		
Dolomite, gray, trace dead oil stain 70 per- cent, anhydrite 30 per- cent, trace gray shale, trace red shale, trace gray sandstone -----	10	1,485					

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-95--Continued					
Dolomite, tan to buff, 40 percent, white and red anhydrite 40 percent, trace, gray and red shale, and silty, red sandstone 20 percent -----	5	1,565	Dolomite, slightly oil stained brown, crystalline 70 percent, anhydrite 30 percent, trace, red sandstone -	9	1,620
Dolomite, tan to gray, 50 percent, anhydrite 20 percent, red sandstone 20 percent, gray sandstone 10 percent -	5	1,570	Dolomite 20 percent, anhydrite 80 percent, trace, bentonite -----	5	1,625
Dolomite, buff 30 percent, anhydrite 60 percent, red sandstone 10 percent, trace, gray sandstone-	5	1,575	Dolomite 30 percent, anhydrite 70 percent, trace, bentonite, trace, red shale, trace, gray sandstone -----	5	1,630
Dolomite, buff to tan. 30 percent, anhydrite 70 percent, trace, gray shale -----	5	1,580	Dolomite 30 percent, trace, oil stained brown dolomite, and anhydrite 70 percent, trace, red shale -----	5	1,635
Dolomite, buff to tan to slightly oil stained brown 60 percent, anhydrite 40 percent, trace, gray and red shale -----	5	1,585	Dolomite 40 percent, trace, oil stained brown dolomite, and anhydrite 50 percent, silty, gray sandstone 10 percent -----	5	1,640
Dolomite, gray to buff to oil stained brown, crystalline 70 percent, anhydrite 30 percent, trace, red and gray sandstone	11	1,596	Dolomite, tan to oil stained brown 50 percent, white and red anhydrite 50 percent, trace, red shale, trace, gray sandstone-	10	1,650
Dolomite, tan to oil stained light brown, crystalline 40 percent, anhydrite 40 percent, silty, red sandstone 20 percent -----	15	1,611	Dolomite, tan to brown, trace oil stain 70 percent, anhydrite 30 percent, trace, red shale, trace, gray sandstone -----	5	1,655
			Dolomite, buff 40 percent, anhydrite 50 percent, silty, gray sandstone 10 percent -----	5	1,660

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
Well C-95--Continued							
Dolomite, light gray buff to pink 30 percent, white and red anhydrite 40 percent, shaly, red sandstone 10 percent, silty, gray sandstone 20 percent -----	5	1,665	Dolomite, oil stained brown, crystalline 40 percent, trace porosity, and anhydrite 30 percent, shaly, red sandstone 30 percent -----	5	1,720		
Dolomite, brown oil stained 60 percent, trace, saturated, porous dolomite, and white anhydrite 40 percent -	17	1,682	Dolomite, light gray to slightly oil stained gray brown 20 percent, white and red anhydrite 60 percent, sandy, red shale 20 percent -----	20	1,740		
Dolomite, brown, trace oil stain, trace porosity 90 percent, white anhydrite 10 percent, trace, gray sandstone-	3	1,685	Dolomite, light gray to slightly oil stained gray brown 40 percent, white anhydrite 60 percent, trace, red shale, trace, gray sandstone-	9	1,749		
Dolomite, slightly oil stained light brown 70 percent, trace, saturated, finely crystalline dolomite, and white and gray anhydrite 20 percent, gray shale 10 percent-	10	1,695	Dolomite, light gray to slightly oil stained gray brown 40 percent, white anhydrite 60 percent, trace, gray shale	11	1,760		
Dolomite, light gray crystalline, trace oil stain 30 percent, white anhydrite 70 percent, trace, gray sandstone-	10	1,705	Dolomite, brown, crystalline, oil stained 50 percent, red dolomite 20 percent, anhydrite 30 percent, trace, gray sandstone -----	12	1,772		
Dolomite, oil stained brown, crystalline 80 percent, trace, saturated, porous dolomite, and white anhydrite 20 percent -	5	1,710	Dolomite, oil stained brown, crystalline 60 percent, white anhydrite 20 percent, silty, gray sandstone 20 percent -----	8	1,780		
Dolomite, oil stained brown, crystalline 80 percent, trace, saturated, porous dolomite, and white anhydrite 20 percent, trace, gray sandstone -----	5	1,715	Dolomite, light gray to oil stained brown, crystalline, slatey 70 percent, white anhydrite 10 percent, silty, gray sandstone 20 percent, trace oil stain -----	15	1,795		

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-95--Continued					
Dolomite, light gray, slightly sandy 40 percent, white anhydrite 30 percent, trace, gray shale, and shaly, red sandstone 10 percent, silty, gray sandstone 20 percent -----	10	1,805	Dolomite, oil stained gray to brown and buff 70 percent, anhydrite 30 percent, trace, gray shale, trace, gray sandstone -----	8	1,860
Dolomite, oil stained brown crystalline to buff 40 percent, white anhydrite 30 percent, shaly, red shale 30 percent -----	7	1,812	Dolomite, light gray, buff and white 40 percent, anhydrite 40 percent, bentonite 10 percent, silty, gray sandstone 10 percent -----	8	1,868
Dolomite, red to brown and buff 50 percent, white anhydrite 30 percent, bentonite 10 percent, gray sandstone 10 percent --	10	1,822	Dolomite, oil stained brown, white to buff 80 percent, anhydrite 20 percent, trace, gray sandstone -----	7	1,875
Dolomite, oil stained brown to light buff 80 percent, white anhydrite 20 percent, trace, gray shale -----	8	1,830	Dolomite 20 percent, anhydrite 20 percent, silty, gray sandstone 60 percent -----	10	1,885
Dolomite, oil stained brown to light buff, oölitic 80 percent, anhydrite 10 percent, slightly sandy, gray shale 10 percent, trace, red sandstone --	15	1,845	Dolomite, white to light gray, oölitic 40 percent, trace, anhydrite, and silty, gray to oil stained brown sandstone 60 percent -----	5	1,900
Dolomite, gray crystalline slightly oil stained to brown and light buff 80 percent, anhydrite 20 percent, trace, gray shale, trace, gray sandstone -----	7	1,852	Missing -----	5	1,905
			Dolomite, oil stained white to light brown, finely crystalline 100 percent, trace, gray sandstone -----	7	1,912
			Dolomite, oil stained white to light brown, finely crystalline 50 percent, sandy, gray shale 20 percent, silty, oil stained gray to brown sandstone 30 percent -----	14	1,926

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-95--Continued					
Dolomite, oil stained white to light brown, finely crystalline 70 percent, sandy, gray shale 10 percent, oil stained gray to brown sandstone 20 percent -----	10	1,936	Dolomite, gray to oil stained brown 10 percent, porous, well saturated, brown sandstone 70 percent, silty, gray to oil stained brown sandstone 20 percent -----	15	1,958
Dolomite, light brown, saturated, crystalline, slightly porous 10 percent, saturated, porous, light brown sandstone 10 percent, silty, gray to oil stained brown sandstone 20 percent -	7	1,943			

Well C-116

Owner: -- Eaton. Driller: Perrin Oil Co.

Gravel, white -----	60	60	Shale and shells -----	10	610
Sand -----	120	180	Lime, green, hard -----	2	612
Rock, red -----	100	280	Rock, red, and blue shale	18	630
Gravel, red -----	20	300	Lime, hard -----	5	635
Rock, red -----	25	325	Shale, blue -----	5	640
Gravel, red -----	10	335	Lime, white -----	10	650
Rock, red -----	45	380	Shale, blue -----	6	656
Rock, red, and red shale	70	450	Shale and shell -----	4	660
Rock, red -----	30	480	Shale, sandy -----	10	670
Shale, sandy -----	30	510	Lime, hard -----	5	675
Anhydrite and lime -----	72	582	Shale, blue -----	15	690
Lime, green -----	10	592	Rock, red -----	15	705
Shale, blue -----	8	600	Shale, blue -----	10	715

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-116--Continued					
Anhydrite -----	15	730	Anhydrite -----	15	1,150
Rock, red -----	10	740	Salt -----	20	1,170
Anhydrite and water ----	17	757	Salt and shale -----	10	1,180
Slate, blue -----	13	770	Salt -----	6	1,186
Anhydrite -----	40	810	Lime, sandy -----	4	1,190
Anhydrite and shale ----	10	820	Anhydrite -----	20	1,210
Anhydrite -----	70	890	Anhydrite and salt ----	20	1,230
Anhydrite, dark -----	15	905	Anhydrite -----	20	1,250
Anhydrite -----	15	920	Anhydrite and salt ----	6	1,256
Lime, hard, broken ----	10	930	Salt and shells -----	12	1,268
Anhydrite -----	30	960	Anhydrite -----	5	1,273
Lime, hard -----	25	985	Anhydrite and lime ----	17	1,290
Anhydrite -----	28	1,013	Anhydrite -----	22	1,312
Lime, broken -----	10	1,023	Lime, hard, broken, sandy	18	1,330
Lime, hard -----	7	1,030	Anhydrite -----	17	1,347
Lime -----	20	1,050	Lime, hard, broken ----	19	1,366
Lime, sandy -----	12	1,062	Lime, green -----	34	1,400
Anhydrite -----	6	1,068	Lime, broken -----	5	1,405
Lime, green -----	12	1,080	Anhydrite -----	50	1,455
Anhydrite -----	10	1,090	Anhydrite and sand ----	25	1,480
Salt -----	30	1,120	Shale, sandy -----	10	1,490
Lime, sandy, and water -	15	1,135	Sand -----	15	1,505

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well C-139					
Owner: Monterrey Oil Co. Driller: Hostetler Engineering Co.					
Shale, very light red-brown -----	20	20	Shale, light, gray, light brown -----	9	213
Shale, light brown, and caliche -----	20	40	Shale, dark gray, red, brown -----	2	215
Shale, light pink -----	10	50	Shale, light gray and dark red-brown shale streaks -----	11	226
Shale, with sand light brown to pink, streaks of brown, sandy -----	5	55	Shale, light gray and yellow -----	2	228
Shale, red and light brown -----	25	80	Shale, light gray, and dark brown shale intermixed with trace, dark gray shale -----	2	230
Shale, red, and gravel --	8	88	Shale, dark red with trace, gray shale ----	10	240
Shale, light brown, sandy, and trace, gravel -----	4	92	Shale, dark red with trace, gravel -----	28	268
Shale, light brown and gray	32	124	Gravel, small assorted -	5	273
Shale, dark red, sandy --	3	127	Gravel, small assorted, and pink shale -----	3	276
Shale, light pink to brown, sandy, and trace, gravel -----	5	132	Shale, red, and trace, gravel -----	2	278
Shale, red-brown -----	3	135	Shale, pink and gray, and trace, gravel ----	10	288
Gravel, large assorted --	5	140	Shale, dark red, and trace, gravel -----	12	300
Shale, light gray-brown, and gravel -----	1	141	Shale, dark red, with gray shale, and trace, gravel -----	20	320
Shale, light gray and red-brown, and trace, gravel -----	4	145	Gravel, small assorted -	11	331
Shale, red, gray, brown, intermixed -----	15	160	Shale, red -----	7	338
Shale, light brown -----	10	170			
Shale, red-brown, light gray shale streaks, and trace, gravel -----	34	204			

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-151					
Owner: -- Unsicker. Driller: Talbot & Dittman.					
Surface -----	10	10	Lime, green, hard, and water -----	28	588
Slate, soft green -----	20	30	Lime, green -----	16	604
Slate, white and green -	20	50	Shale -----	26	630
Lime, white -----	15	65	Rock, red -----	15	645
Sand, red, and water ---	17	82	Anhydrite -----	63	708
Rock, red -----	11	93	Missing -----	7	715
Sand and water -----	17	110	Shale, green -----	15	730
Sand, red -----	30	140	Lime, green -----	5	735
Rock, red -----	10	150	Shale, green -----	15	750
Sand, red -----	15	165	Anhydrite, hard -----	25	775
Sand and red rock -----	25	190	Shale, blue -----	25	800
Rock, red -----	15	205	Anhydrite, white, hard -	5	805
Sand, red -----	5	210	Lime -----	10	815
Rock, red -----	128	338	Anhydrite and shale ----	30	845
Shale, blue -----	77	415	Lime and water -----	15	860
Shale, blue, soft -----	67	482	Sand, white, and water -	5	865
Lime, soft -----	23	505	Anhydrite -----	330	1,195
Lime, green, hard -----	12	517	Lime, brown -----	40	1,235
Lime, green, soft, and shale -----	3	520	Anhydrite -----	60	1,295
Rock, red -----	7	527	Shale, blue, and broken lime -----	25	1,320
Anhydrite -----	13	540	Anhydrite -----	53	1,373
Shale, blue -----	20	560	Sand, brown, saturated -	34	1,407

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-151--Continued					
Sand, brown -----	57	1,464	Lime, green, sandy, and water -----	23	1,509
Lime, green, sandy -----	22	1,486	Lime, green -----	3	1,512

Well C-170

Owner: Burk Royalty Co. Driller: --

Gravel and clay -----	110	110	Anhydrite -----	15	860
Gravel -----	35	145	Anhydrite and shale ----	50	910
Clay -----	35	180	Shale -----	20	930
Sand -----	70	250	Anhydrite -----	10	940
Shale -----	50	300	Shale, blue -----	15	955
Clay -----	10	310	Anhydrite -----	30	985
Red beds -----	85	395	Anhydrite and shale ----	5	990
Shale, blue -----	30	425	Anhydrite -----	5	995
Missing -----	25	450	Anhydrite and shale ----	40	1,035
Shale, blue -----	30	480	Lime -----	40	1,075
Shale and anhydrite ----	20	500	Lime, broken -----	60	1,135
Shale, sandy -----	20	520	Lime and broken anhydrite	75	1,210
Shale, blue -----	20	540	Anhydrite and shale ----	45	1,255
Shale -----	45	585	Anhydrite and lime -----	70	1,325
Shale and anhydrite ----	45	630	Lime -----	45	1,370
Anhydrite -----	10	640	Lime, broken -----	30	1,400
Anhydrite and shale ----	150	790	Anhydrite and lime -----	35	1,435
Anhydrite -----	20	810	Lime, gray -----	45	1,480
Anhydrite and shale ----	35	845	Lime and anhydrite -----	30	1,510

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well C-170--Continued					
Lime -----	115	1,625	Lime -----	45	1,740
Lime and shale -----	5	1,630	Lime, sandy -----	25	1,765
Lime -----	15	1,645	Shale, sandy -----	15	1,780
Shale, sandy -----	15	1,660	Lime, gray -----	15	1,795
Lime, shale, and shells-----	15	1,675	Shale and lime -----	45	1,840
Lime -----	10	1,685	Lime, green -----	25	1,865
Sand -----	10	1,695	Shale and lime -----	30	1,895

Well D-18

Owner: -- Young. Driller: Rector Oil Co.

Surface -----	15	15	Shale, blue -----	25	595
Quicksand and water ----	5	20	Red beds -----	10	605
Gravel -----	80	100	Anhydrite and salt ----	430	1,035
Shale, blue -----	2	102	Red beds -----	5	1,040
Gravel -----	78	180	Anhydrite and salt ----	120	1,160
Sand, soft -----	10	190	Anhydrite and lime ----	40	1,200
Gravel -----	15	205	Anhydrite and red beds -	10	1,210
Red beds -----	195	400	Rock, red, salt, and anhydrite -----	130	1,340
Gypsum and anhydrite ---	5	405	Lime -----	10	1,350
Shale, blue -----	35	440	Anhydrite and red beds -	175	1,525
Lime and water -----	20	460	Anhydrite and lime ----	108	1,633
Red beds and lime -----	45	505	Sand -----	7	1,640
Anhydrite -----	20	525	Lime and anhydrite ----	209	1,849
Gypsum and shale -----	3	528	Sand -----	2	1,851
Anhydrite -----	42	570	Lime and anhydrite ----	467	2,318

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well D-43					
Owner: O. W. Williams. Driller: G. T. Abell.					
Cellar -----	5	5	Anhydrite -----	27	522
Clay, yellow -----	20	25	Shale -----	1	523
Sand and blue gravel ---	45	70	Sand and water -----	7	530
Shale, red -----	25	95	Gypsum -----	5	535
Gypsum, white -----	5	100	Shale -----	2	537
Shale, red -----	4	104	Gypsum -----	58	595
Lime -----	12	116	Anhydrite -----	15	610
Shale, broken, and sand-	31	147	Shale -----	2	612
Gravel -----	13	160	Gypsum -----	8	620
Gumbo, red -----	6	166	Anhydrite -----	25	645
Shale, red -----	9	175	Sand and shale -----	5	650
Sand and gravel -----	43	218	Anhydrite -----	32	682
Sand and red shale -----	17	235	Shale, sandy -----	3	685
Gravel -----	9	244	Anhydrite -----	15	700
Lime -----	6	250	Gypsum -----	8	708
Shale, red -----	120	370	Salt -----	7	715
Gypsum and anhydrite ---	13	383	Anhydrite -----	20	735
Shale -----	12	395	Salt -----	75	810
Gypsum -----	15	410	Anhydrite -----	9	819
Shale -----	15	425	Salt -----	3	822
Sand and water -----	10	435	Anhydrite -----	8	830
Lime -----	25	460	Salt -----	10	840
Shale -----	35	495	Anhydrite and salt -----	10	850

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Table 5.--Drillers' logs of wells in Pecos County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
Well D-43--Continued							
Anhydrite -----	55	905	Lime, brown -----	15	1,680		
Salt -----	25	930	Anhydrite -----	50	1,730		
Anhydrite -----	27	957	Anhydrite and lime ----	20	1,750		
Salt -----	13	970	Anhydrite -----	20	1,770		
Anhydrite -----	5	975	Lime -----	20	1,790		
Salt -----	15	990	Anhydrite -----	105	1,895		
Anhydrite -----	65	1,055	Lime -----	5	1,900		
Lime -----	12	1,067	Lime and anhydrite ----	100	2,000		
Anhydrite -----	8	1,075	Lime, hard -----	15	2,015		
Lime -----	35	1,110	Lime -----	45	2,060		
Anhydrite and red beds -	140	1,250	Lime, black -----	13	2,073		
Anhydrite -----	290	1,540	Lime -----	32	2,105		
Lime, gray -----	10	1,550	Anhydrite -----	15	2,120		
Lime -----	15	1,565	Lime -----	15	2,135		
Anhydrite -----	35	1,600	Shale -----	5	2,140		
Lime -----	10	1,610	Anhydrite -----	15	2,155		
Anhydrite -----	55	1,665					

Well D-73

Owner: L. M. Mueller. Driller: G. F. Aldrich.

Caliche -----	40	40	Anhydrite -----	70	770
Sand and gravel -----	139	179	Sand and water -----	12	782
Red beds -----	296	475	Lime, broken -----	23	805
Lime, anhydrite, and shale -----	225	700	Salt -----	15	820
			Salt and anhydrite ----	55	875

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well D-73--Continued

Anhydrite and lime -----	117	992	Anhydrite, red rock, and shale -----	20	1,830
Shale -----	3	995	Lime and anhydrite -----	20	1,850
Salt and anhydrite -----	110	1,105	Lime -----	208	2,058
Anhydrite and red beds -	15	1,120	Lime and black shale ---	22	2,080
Anhydrite and lime -----	645	1,765	Lime -----	5	2,085
Anhydrite and red rock -	45	1,810	Lime and water -----	33	2,118

Well D-82

Owner: F. A. Zeitler. Driller: J. Reinertson.

Surface -----	5	5	Sand and gravel -----	8	45
Sand, red -----	5	10	Clay, red, and gravel --	5	50
Sandrock -----	5	15	Sand, red, and gravel --	10	60
Quicksand -----	5	20	Gravel, fine-grained, and water -----	12	72
Gravel, coarse-grained -	5	25	Clay, red -----	25	97
Gravel, fine-grained ---	10	35	Pea gravel -----	9	106
Clay, yellow -----	2	37			

Well D-86

Owner: R. L. Ewing. Driller: Fuhrman Petroleum Corp.

Sand, broken -----	9	9	Sand, broken -----	15	265
Sand -----	36	45	Gravel -----	8	273
Sand, broken -----	135	180	Red beds -----	87	360
Red beds -----	10	190	Red beds, gypsum, and shells -----	50	410
Sand, broken -----	40	230	Red beds -----	4	414
Gravel, broken -----	20	250			

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well D-86--Continued					
Shale, blue, and lime --	11	425	Anhydrite -----	15	888
Shale, blue, sandy lime, sand, and water -----	13	438	Salt -----	44	932
Lime -----	10	448	Salt and anhydrite -----	20	952
Sand -----	3	451	Salt and potash -----	38	990
Gravel -----	4	455	Salt and anhydrite -----	30	1,020
Shale, blue -----	5	460	Anhydrite -----	3	1,023
Red beds -----	18	478	Rock, red -----	11	1,034
Sand, shale, gypsum, and shells -----	57	535	Anhydrite -----	51	1,085
Anhydrite -----	13	548	Lime, broken -----	8	1,093
Shale, blue -----	4	552	Gypsum -----	12	1,105
Rock, red -----	7	559	Salt and red rock -----	20	1,125
Anhydrite -----	16	575	Anhydrite -----	10	1,135
Sand, red -----	15	590	Sand, red -----	11	1,146
Sand, broken -----	4	594	Rock, red -----	4	1,150
Anhydrite and water ----	86	680	Sand -----	35	1,185
Anhydrite -----	5	685	Sand, red -----	10	1,195
Salt -----	10	695	Anhydrite -----	355	1,550
Anhydrite -----	25	720	Lime -----	15	1,565
Salt -----	85	805	Anhydrite, pink -----	25	1,590
Anhydrite -----	10	815	Shale, blue -----	15	1,605
Salt -----	13	828	Anhydrite -----	133	1,738
Anhydrite -----	33	861	Lime -----	5	1,743
Shale, blue -----	12	873	Anhydrite -----	27	1,770
			Lime, broken -----	6	1,776

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well D-86--Continued					
Anhydrite -----	59	1,835	Shale, red -----	23	1,973
Lime -----	1	1,836	Lime, green, broken ----	50	2,023
Lime, broken -----	10	1,846	Lime, green -----	7	2,030
Anhydrite -----	6	1,852	Anhydrite, lime, and shale -----	17	2,047
Lime and anhydrite ----	8	1,860	Lime -----	6	2,053
Lime -----	10	1,870	Lime, broken -----	27	2,080
Anhydrite, blue -----	20	1,890	Anhydrite and shale ----	19	2,099
Anhydrite, red -----	5	1,895	Anhydrite, lime, and shale -----	41	2,140
Lime, white, broken, and gypsum -----	10	1,905	Anhydrite -----	5	2,145
Anhydrite -----	15	1,920	Lime -----	56	2,201
Anhydrite and lime ----	30	1,950	Lime, gray -----	2	2,203

Well D-91

Owner: S. Millspaugh. Driller: Schooler Drilling Co.

Surface -----	2	2	Sand and gravel -----	34	97
Sand, dry -----	13	15	Shale, red -----	2	99
Sand, gravel, and water-	27	42	Sand and gravel -----	20	119
Shale, red -----	21	63			

Well F-13

Owner: Harral & Marable. Driller: E. Fisher.

Surface -----	8	8	Sand and gravel -----	18	118
Sand and gravel -----	39	47	Conglomerate, broken ---	14	132
Shale -----	53	100	Gravel and yellow clay streaks -----	154	286

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well F-13--Continued

Shale and gravel -----	34	320	Conglomerate and shale -	163	513
Conglomerate -----	30	350			

Well F-18

Owner: Glen Emert. Driller: L. Walker.

Surface -----	25	25	Clay -----	68	298
Gravel and rock -----	40	65	Gravel -----	30	328
Gravel -----	22	87	Clay and gravel -----	46	374
Sand and lime -----	22	109	Clay -----	82	456
Sand and gravel -----	43	152	Clay and gravel -----	31	487
Clay -----	13	165	Clay -----	68	555
Lime and gravel -----	26	191	Clay, sandy -----	123	678
Gravel -----	39	230	Shale, blue -----	5	683

Well F-28

Owner: A. R. Dilliard, Jr. Driller: L. Walker.

Surface -----	8	8	Sand, gravel, and lime -	80	650
Gravel, rock, and lime -	76	84	Shale and sand streaks -	50	700
Gravel and lime -----	126	210	Sandstone -----	65	765
Clay, sandy -----	72	282	Clay, brown, and gypsum-	25	790
Lime and sand streaks --	38	320	Sand -----	18	808
Clay, sandy, and gravel-	85	405	Sandstone and gypsum ---	20	828
Shale -----	65	470	Sand and gypsum -----	22	850
Clay, sandy -----	36	506	Sand, white, gypsum, and shale -----	21	871
Shale -----	64	570	Red beds -----	31	902

Table 5.--Drillers' logs of wells in Pecos County--Continued

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

Owner: Willard Moore. Driller: Lowery Walker.

Surface -----	8	8	Sandstone, lime, and shale -----	13	689
Gravel and rock -----	52	60	Clay, sandy -----	9	698
Clay -----	20	80	Shale, sticky -----	22	720
Gravel and sand -----	27	107	Lime, gypsum, and shale-----	10	730
Lime and gravel -----	18	125	Lime and shale -----	18	748
Lime, sand, gravel, and small clay streaks ---	77	202	Shale and lime streaks -	2	750
Clay, lime, and gravel -	16	218	Lime and anhydrite -----	30	780
Clay and lime streaks --	180	398	Lime and shale streaks -	25	805
Clay, blue -----	52	450	Lime -----	30	835
Clay, sandy, and lime streaks -----	35	485	Lime, sandstone, and shale streaks -----	55	890
Clay, blue -----	90	575	Lime, sand, gravel, and sandstone -----	13	903
Clay, blue, lime, and gypsum -----	28	603	Gypsum -----	24	927
Shale, lime, and hard sandstone -----	23	626	Lime and sandstone -----	33	960
Shale, blue -----	2	628	Clay, blue -----	10	970
Shale, blue, and sandrock	48	676	Shale and gypsum -----	25	995
			Clay, blue, and red beds	8	1,003

Well F-34

Owner: E. E. Martin. Driller: L. Walker.

Surface -----	5	5	Clay and gravel -----	98	128
Clay -----	15	20	Gravel -----	4	132
Gravel -----	10	30	Clay, sandy -----	72	204

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well F-34--Continued					
Gravel -----	46	250	Lime, anhydrite, and gypsum streaks -----	25	765
Clay -----	109	359	Shale, blue, and lime --	10	775
Gravel and sand -----	71	430	Lime and shale -----	20	795
Clay, sandy -----	12	442	Lime, shale, and gypsum-	3	798
Gravel and sand -----	16	458	Sand and sandstone -----	44	842
Clay, sandy -----	3	461	Sand -----	12	854
Shale, blue -----	102	563	Shale and shells -----	24	878
Shale, hard -----	40	603	Sand -----	14	892
Shale, blue -----	5	608	Shale and shells -----	26	918
Shale -----	6	614	Sand, sandstone, and gypsum -----	39	957
Lime, shale, and sand --	33	647	Lime and gypsum -----	10	967
Sand and shale -----	9	656	Shale and gypsum -----	3	970
Shale, rusty, and gypsum	8	664	Shale and shells -----	27	997
Shale, blue, and lime streaks -----	34	698	Shale -----	7	1,004
Lime -----	23	721	Red beds -----	8	1,012
Lime and gypsum -----	19	740			

Well F-45

Owner: Yarbrough & Crow. Driller: E. Fisher.

Surface -----	3	3	Sand and gravel -----	20	80
Caliche -----	7	10	Clay and gravel -----	75	155
Clay -----	8	18	Shale, blue -----	12	167
Sand and gravel -----	2	20	Clay and gravel -----	25	192
Clay -----	40	60	Shale, blue -----	50	242

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well F-45--Continued					
Gravel -----	33	275	Gypsum, rusty shale, black shale, and lime-	15	506
Shale -----	15	290	Anhydrite and gypsum ---	34	540
Gravel and lime -----	43	333	Shale, black, rusty shale, lime, and gypsum -----	3	543
Clay -----	5	338	Shale, blue, lime, and gypsum -----	75	618
Lime and rock -----	24	362	Shale, black, rusty shale, lime, and gypsum	22	640
Shale, blue -----	18	380	Shale, black, lime, and gypsum -----	60	700
Shale, rusty, and lime streaks -----	10	390			
Gumbo, black, and lime streaks -----	101	491			

Well F-67

Owner: A. J. Hoelscher. Driller: L. Walker.

Surface -----	15	15	Sand and lime shells ---	70	700
Gravel and rock -----	18	33	Shale, blue -----	20	720
Rock -----	22	55	Sand -----	20	740
Rock, gravel, and sand- stone -----	65	120	Shale and lime -----	23	763
Gravel, sand, and lime streaks -----	255	375	Sand and lime -----	97	860
Gravel, sand, and lime shells -----	75	450	Red beds -----	8	868
Limerock and gypsum ----	60	510	Sand, red -----	32	900
Rock and clay -----	20	530	Sand, red, and sandy lime	310	1,210
Sand, hard -----	100	630	Red beds and anhydrite streaks -----	45	1,255
			Red beds -----	20	1,275

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well F-81					
Owner: A. Kloh. Driller: World Oil Co.					
Clay and gravel -----	35	35	Shale, pink -----	15	1,370
Gravel -----	110	145	Shale, red, sandy -----	105	1,475
Clay -----	90	235	Rock, red -----	20	1,495
Gravel and water -----	40	275	Shale, red, sandy -----	225	1,720
Clay -----	165	440	Shale, gray -----	55	1,775
Shale, blue -----	50	490	Shale, red -----	10	1,785
Limestone -----	95	585	Shale, gray -----	6	1,791
Shale and gravel -----	30	615	Shale, red, and red rock	587	2,378
Shale, blue -----	245	860	Anhydrite -----	52	2,430
Limestone, gray, and water	30	890	Limestone, gray -----	35	2,465
Shale, blue -----	25	915	Shale, blue, shells, and water -----	15	2,480
Limestone, gray -----	17	932	Limestone, gray -----	70	2,550
Sand, white and gray, and water -----	37	969	Anhydrite -----	58	2,608
Shale, blue -----	6	975	Limestone, gray -----	5	2,613
Sand -----	170	1,145	Anhydrite -----	272	2,885
Shale, green -----	10	1,155	Limestone, gray, and anhydrite -----	60	2,945
Sand and gravel -----	140	1,295	Anhydrite -----	15	2,960
Shale, green -----	15	1,310	Limestone, gray -----	10	2,970
Sand -----	15	1,325	Anhydrite -----	135	3,105
Rock, red -----	30	1,355			

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well F-84							
Owner: A. H. Roberson. Driller: Humble Oil and Refining Co.							
Surface -----	20	20	Red beds and lime -----	79	1,508		
Gravel and caliche -----	151	171	Sandstone, red, and water	88	1,596		
Rock, hard, shale, and gravel -----	134	305	Lime and red beds -----	30	1,626		
Rock and gravel -----	52	357	Shale, sandy -----	58	1,684		
Caliche, shale, and red beds -----	170	527	Sandstone, red, and water	193	1,877		
Caliche and shale -----	171	698	Red beds and water -----	184	2,061		
Shale and limestone -----	67	765	Shale and lime -----	153	2,214		
Shale, gravel, and lime- stone -----	22	787	Shale and sandy lime ---	88	2,302		
Shale, sand, limestone, and water -----	154	941	Shale and anhydrite ----	22	2,324		
Limestone -----	36	977	Anhydrite -----	36	2,360		
Shale and limestone ----	30	1,007	Anhydrite, lime, and pyrites -----	59	2,419		
Shale, gravel, and sand-	57	1,064	Lime, anhydrite, and red rock -----	40	2,459		
Shale, calcareous -----	15	1,079	Anhydrite -----	931	3,390		
Shale, gravel, sand, and water -----	61	1,140	Limestone -----	15	3,405		
Limestone, sandy -----	131	1,271	Anhydrite -----	533	3,938		
Limestone, shale, and sand -----	24	1,295	Anhydrite and salt -----	33	3,971		
Red beds and red rock --	41	1,336	Anhydrite and gray lime- stone -----	1,280	5,251		
Red beds and sandy shale	93	1,429	Limestone, black -----	80	5,331		
			Lime, black, and sand --	12	5,343		
			Sand -----	25	5,368		

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well F-86

Owner: Lula McGowins. Driller: Union Oil Co.

Surface and rock -----	20	20	Lime -----	50	215
Lime, gray -----	20	40	Shale, blue, soft -----	35	250
Lime, blue -----	20	60	Shale, blue -----	75	325
Rock, white, and lime --	20	80	Missing -----	25	350
Lime, yellow -----	10	90	Lime -----	130	480
Lime, blue -----	35	125	Sand and water -----	30	510
Lime, gray -----	40	165			

Well F-96

Owner: Billy Sol Estes. Driller: Bob Mullican.

Surface -----	4	4	Shale, blue -----	66	290
Gravel -----	82	86	Limerock -----	71	361
Rock -----	18	104	Lime, hard, and sand ---	124	485
Rock and sand -----	51	155	Sand -----	15	500
Rock, hard -----	69	224	Shale, blue -----	7	507

Well F-97

Owner: Billy Sol Estes. Driller: Bob Mullican.

Surface -----	3	3	Clay and blue shale ----	5	390
Clay, brown -----	12	15	Sand -----	26	416
Gravel, rock, and lime -	145	160	Lime, hard -----	4	420
Limerock -----	110	270	Sand -----	45	465
Sand and sandrock -----	35	305	Shale, blue -----	55	520
Sand and blue shale ----	72	377	Lime and sandrock -----	60	580
Limerock, hard -----	8	385	Shale, blue, and red beds	20	600

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well G-15					
Owner: -- Streety. Driller: John D. O'Mara et al.					
Surface -----	5	5	Shale, blue -----	15	675
Lime -----	20	25	Sand -----	10	685
Shale, yellow -----	30	55	Red beds -----	100	785
Lime, gray -----	55	110	Sand -----	5	790
Shale, blue -----	100	210	Red beds -----	70	860
Lime, gray, sandy -----	60	270	Sand and water -----	25	885
Sand and water -----	30	300	Red beds -----	90	975
Lime, gray -----	25	325	Lime -----	10	985
Sand, dry -----	25	350	Red beds -----	190	1,175
Lime, brown -----	20	370	Gypsum, white -----	25	1,200
Lime shells -----	40	410	Red beds -----	225	1,425
Shale, blue -----	40	450	Shale, blue -----	115	1,540
Anhydrite -----	40	490	Red beds -----	40	1,580
Red beds -----	5	495	Shale, green -----	5	1,585
Anhydrite -----	25	520	Shale, red and gray ----	10	1,595
Sand and water -----	30	550	Gypsum, white -----	5	1,600
Red beds -----	5	555	Lime -----	60	1,660
Sand -----	15	570	Shale, blue -----	5	1,665
Red beds -----	10	580	Lime, sandy -----	10	1,675
Sand and anhydrite ----	15	595	Sand and water -----	10	1,685
Red beds -----	15	610	Lime, broken -----	175	1,860
Sand and water -----	15	625	Shells, blue -----	20	1,880
Red beds -----	35	660	Shale, blue -----	20	2,000

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well G-15--Continued

Sand and anhydrite -----	40	2,040	Lime, broken -----	20	2,100
Lime shells -----	40	2,080	Sand and anhydrite -----	30	2,130

Well G-21

Owner: Crow and Yarbrough. Driller: E. Fisher.

Surface -----	8	8	Gravel, lime, and gypsum	28	278
Sand and clay -----	35	43	Shale and lime streaks -	22	300
Gravel and lime -----	42	85	Lime -----	12	312
Shale -----	25	110	Gravel and lime -----	53	365
Gravel and lime -----	15	125	Lime, blue -----	20	385
Shale -----	60	185	Shale, black, and lime -	104	489
Shale, gravel, and lime-	65	250			

Well G-29

Owner: W. C. Tyrell Trust. Driller: C. A. Everts.

Caliche -----	30	30	Lime, gray -----	11	424
Caliche, gravel, and water -----	15	45	Shale, blue, and water -	33	457
Lime, white -----	95	140	Shale, blue, and lime shell -----	8	465
Shale, blue -----	12	152	Lime -----	15	480
Lime -----	13	165	Sand and water -----	47	527
Shale, blue -----	10	175	Shale, blue -----	28	555
Lime -----	5	180	Sand and water -----	10	565
Shale, blue, and lime --	145	325	Shale, sandy -----	6	571
Lime, white -----	88	413	Gumbo -----	6	577

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well G-29--Continued					
Lime, white -----	4	581	Lime -----	6	1,334
Shale, sandy -----	29	610	Gypsum -----	6	1,340
Gumbo -----	4	614	Rock, red, sandy -----	11	1,351
Lime -----	6	620	Shale, blue -----	359	1,710
Gumbo -----	5	625	Lime -----	10	1,720
Shale, sandy -----	10	635	Rock, red -----	55	1,775
Gumbo -----	5	640	Anhydrite and lime -----	33	1,808
Lime and shale -----	12	652	Lime -----	31	1,839
Rock, red -----	18	670	Lime and blue shale -----	11	1,850
Lime -----	3	673	Lime -----	5	1,855
Rock, red, sandy -----	2	675	Lime and anhydrite -----	7	1,862
Lime, gray -----	6	681	Lime and water -----	11	1,873
Shale, red -----	14	695	Lime and anhydrite -----	9	1,882
Red beds -----	5	700	Lime -----	8	1,890
Shale, blue -----	10	710	Lime and anhydrite -----	16	1,906
Rock, red -----	12	722	Lime -----	10	1,916
Sand -----	3	725	Anhydrite -----	10	1,926
Shale, red and blue -----	30	755	Rock, red -----	9	1,935
Red beds -----	20	775	Chalk -----	5	1,940
Shale, red, sandy -----	75	850	Anhydrite and red rock -	4	1,944
Sand and water -----	5	855	Lime -----	8	1,952
Rock, red, and sandy shale -----	437	1,292	Shale, blue -----	5	1,957
Shale, blue -----	28	1,320	Anhydrite and lime -----	9	1,966
Rock, red, and gypsum --	8	1,328	Shale -----	5	1,971

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well G-29--Continued					
Anhydrite and lime -----	6	1,977	Anhydrite and lime -----	15	2,345
Anhydrite -----	18	1,995	Anhydrite, lime, and salt	16	2,361
Lime -----	3	1,998	Anhydrite -----	10	2,371
Anhydrite and lime -----	15	2,013	Anhydrite and gypsum ---	23	2,394
Anhydrite -----	14	2,027	Lime, gray -----	60	2,454
Lime, broken -----	8	2,035	Shale -----	2	2,456
Anhydrite -----	185	2,220	Shale and salt -----	9	2,465
Shale, blue -----	5	2,225	Anhydrite and lime -----	13	2,478
Lime -----	7	2,232	Anhydrite -----	13	2,491
Shale and shells -----	18	2,250	Lime and anhydrite -----	12	2,503
Lime and anhydrite -----	10	2,260	Anhydrite -----	7	2,510
Anhydrite -----	47	2,307	Lime and anhydrite -----	10	2,520
Anhydrite, shells, and salt -----	8	2,315	Lime -----	7	2,527
Anhydrite -----	15	2,330	Anhydrite and lime -----	33	2,560

Well H-1, partial log

Owner: Lee O. White. Driller: Atlantic Refining Co.

Sand and clay -----	192	192	Rock, red, and sand ----	35	585
Red beds and sand -----	31	223	Shale and shells -----	115	700
Red beds and rock -----	47	270	Shale, blue -----	90	790
Red beds and shells ----	60	330	Shale, gray -----	20	810
Red beds and sand -----	150	480	Sand, gray, and shale --	5	815
Rock, red, and shale ---	50	530	Missing -----	15	830
Rock, red -----	20	550	Sand and shale -----	8	838

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well H-1--Continued					
Missing -----	12	850	Lime and shale -----	89	1,842
Sand and shale -----	15	865	Lime, broken -----	19	1,861
Missing -----	31	896	Lime, broken, and dolomite -----	51	1,912
Shale, blue -----	62	958	Lime -----	197	2,109
Shale -----	17	975	Lime and dolomite -----	89	2,198
Missing -----	10	985	Lime, sand, and dolomite	38	2,236
Shale, blue -----	4	989	Lime and dolomite -----	92	2,328
Anhydrite and lime shells	46	1,035	Lime, sand, and dolomite	47	2,375
Anhydrite -----	15	1,050	Dolomite -----	65	2,440
Missing -----	14	1,064	Dolomite and lime -----	65	2,505
Anhydrite and lime -----	82	1,146	Lime, broken -----	26	2,531
Lime -----	54	1,200	Dolomite and anhydrite -	21	2,552
Shale -----	31	1,231	Lime and dolomite -----	31	2,583
Lime -----	4	1,235	Lime -----	37	2,620
Lime, broken -----	78	1,313	Dolomite and lime -----	40	2,660
Lime, broken, and black shale streaks -----	89	1,402	Lime -----	34	2,694
Lime and gray shale streaks -----	31	1,433	Lime and dolomite -----	46	2,740
Lime and sand streaks --	149	1,582	Dolomite -----	41	2,781
Lime -----	48	1,630	Lime, sand, dolomite, and chert -----	15	2,796
Lime and shale -----	64	1,694	Dolomite, lime, and chert	33	2,829
Lime -----	59	1,753	Total Depth -----		6,302

Table 5.--Drillers' logs of wells in Pecos County--Continued

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

Owner: J. L. Sullivan. Driller: Burk Royalty Co.

Caliche and water -----	75	75	Lime, broken -----	15	1,120
Gravel and shale -----	45	120	Lime -----	10	1,130
Shale -----	35	155	Lime, broken -----	15	1,145
Shale and gravel -----	25	180	Lime -----	50	1,195
Gravel -----	60	240	Anhydrite and shale ----	50	1,245
Gravel and shale -----	120	360	Anhydrite -----	35	1,280
Shale -----	175	535	Lime -----	50	1,330
Shale and anhydrite ----	120	655	Lime, broken -----	305	1,635
Shale -----	105	760	Anhydrite and lime ----	25	1,660
Shale and anhydrite ----	25	785	Shale -----	15	1,675
Shale -----	95	880	Lime -----	21	1,696
Anhydrite and shale ----	130	1,010	Sand -----	3	1,699
Shale -----	30	1,040	Lime -----	2	1,701
Anhydrite -----	35	1,075	Lime, sandy -----	5	1,706
Anhydrite and lime ----	30	1,105	Lime -----	20	1,726

Well H-31

Owner: Debbs Patillo. Driller: Magnolia Petroleum Co.

Surface -----	2	2	Clay, white -----	5	140
Gravel -----	2	4	Gravel and rock -----	115	255
Clay, gravel, and water-	41	45	Shale, pink -----	10	265
Clay -----	55	100	Gravel -----	25	290
Gravel, hard -----	20	120	Rock, red -----	10	300
Clay, pink -----	15	135	Shale, blue -----	25	325

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well H-31--Continued					
Red beds -----	5	330	Shale, blue -----	3	963
Shale, blue -----	40	370	Salt and anhydrite ----	17	980
Lime and water -----	25	395	Lime and anhydrite ----	30	1,010
Shale, blue, and gypsum-	30	425	Lime, brown, sandy ----	20	1,030
Lime, sandy -----	15	440	Lime, gray -----	5	1,035
Shale, blue -----	10	450	Anhydrite and brown lime	30	1,065
Lime -----	20	470	Lime, brown -----	55	1,120
Shale, blue -----	20	490	Anhydrite and sandy shale	65	1,185
Anhydrite -----	10	500	Anhydrite, pink, and shale	30	1,215
Shale, blue -----	10	510	Lime, brown, and anhydrite	25	1,240
Red beds and anhydrite -	5	515	Lime, brown -----	20	1,260
Anhydrite and shale ----	85	600	Sand, brown -----	23	1,283
Shale, brown, and gypsum	10	610	Lime, brown -----	12	1,295
Anhydrite -----	25	635	Shale, sandy -----	10	1,305
Anhydrite and brown shale	15	650	Lime, white, stained ---	20	1,325
Lime shells and shale --	25	675	Lime, gray, red, brown -	130	1,455
Anhydrite and shale ----	100	775	Lime, brown, sandy ----	10	1,465
Anhydrite and lime ----	25	800	Lime, brown, and hard, pink sand -----	20	1,485
Lime -----	15	815	Lime, gray -----	15	1,500
Anhydrite and lime ----	55	870	Shale, red, sandy -----	5	1,505
Lime -----	20	890	Lime, gray, and anhydrite	10	1,515
Anhydrite and lime ----	25	915	Shale, sandy -----	5	1,520
Lime, brown -----	5	920	Sand, fine-grained ----	15	1,535
Anhydrite and brown lime	40	960			

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Table 6.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well H-31--Continued					
Lime, gray, hard -----	50	1,585	Lime -----	6	1,602
Sand -----	5	1,590	Lime, broken, and shale-	24	1,626
Lime -----	3	1,593	Lime -----	19	1,645
Shale, sandy -----	3	1,596	Sand and water -----	8	1,653

Well H-36, partial log

Owner: R. G. Heiner. Driller: Trans-Pecos Oil Co.

Surface and gravel -----	20	20	Shale, red and blue ----	30	480
Gravel and shale -----	10	30	Sand and water -----	5	485
Shale, gray -----	20	50	Shale, blue -----	75	560
Shale and gravel -----	10	60	Sand and water -----	15	575
Shale -----	10	70	Shale, blue, sandy ----	20	595
Gravel -----	75	145	Lime, blue -----	20	615
Shale, blue, and gravel-	15	160	Shale, blue, and lime		
Lime -----	5	165	breaks -----	85	700
Red beds -----	50	210	Anhydrite and lime ----	65	765
Lime shell -----	10	220	Lime, broken -----	105	870
Sand -----	10	230	Anhydrite and lime ----	15	885
Shale, red and blue ----	10	240	Lime, broken -----	5	890
Shale, blue -----	10	250	Shale, green, sandy ----	30	920
Shale, red and blue ----	110	360	Lime -----	6	926
Sand -----	5	365	Sand -----	14	940
Red beds -----	10	375	Lime, white and gray ---	300	1,240
Clay, red -----	35	410	Shale, blue -----	5	1,245
Sand -----	40	450	Lime, gray -----	56	1,301
			Total Depth -----		2,835

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well H-52					
Owner: W. W. Turney. Driller: Trans-Pecos Oil Co.					
Soil and concrete -----	22	22	Lime, dark, hard -----	35	890
Flint ⁿ -----	24	46	Lime, gray, hard -----	15	905
Lime -----	22	68	Lime, dark -----	45	950
Sand -----	57	125	Lime, gray -----	15	965
Lime, white -----	61	186	Lime, dark -----	55	1,020
Sand and water -----	14	200	Lime, gray, dark, and water -----	105	1,125
Shale, sandy -----	40	240	Lime, gray -----	105	1,230
Shale -----	15	255	Lime, dark, hard -----	55	1,285
Sand, white -----	10	265	Lime, gray, hard -----	171	1,456
Shale, sandy -----	8	273	Lime, dark, hard -----	18	1,474
Sand, white and gray ---	10	283	Lime, gray, hard -----	58	1,532
Lime, white -----	42	325	Lime, brown and gray ---	78	1,610
Slate -----	10	335	Lime, white -----	40	1,650
Lime, white -----	15	350	Lime, gray -----	54	1,704
Slate and lime -----	30	380	Lime, gray, hard -----	9	1,713
Lime -----	120	500	Lime, gray, dark -----	27	1,740
Lime, gray, hard -----	120	620	Lime, light gray -----	66	1,806
Sand, brown -----	75	695	Lime, black -----	20	1,826
Lime, gray -----	15	710	Lime, gray, dark -----	57	1,883
Lime, dark, hard -----	80	790	Lime, light gray -----	32	1,915
Lime, gray -----	35	825	Lime, dark brown, and sand -----	75	1,990
Lime, dark, hard -----	10	835	Lime, brown and gray, sandy -----	9	1,999
Lime, gray, hard -----	20	855			

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well H-52--Continued					
Lime, gray, dark -----	11	2,010	Lime, gray -----	13	2,335
Lime, dark, hard, sandy-	48	2,058	Lime, white and gray ---	55	2,390
Sand, gray -----	11	2,069	Lime, gray, hard -----	214	2,604
Lime, gray, dark, sandy-	3	2,072	Lime, gray -----	18	2,622
Lime, hard, sandy -----	58	2,130	Lime, gray, hard -----	10	2,632
Lime, gray, dark -----	24	2,154	Lime, gray, sandy -----	30	2,662
Lime, gray -----	50	2,204	Lime, gray -----	14	2,676
Lime, dark -----	86	2,290	Lime, gray, hard -----	19	2,695
Lime, gray -----	11	2,301	Missing -----	135	2,830
Lime, gray, hard -----	21	2,322	Lime, white -----	5	2,835

Well H-66, partial log

Owner: The University of Texas. Driller: Roxana & Kirby.

Mud, yellow -----	5	5	Anhydrite -----	12	210
Mud, yellow, and gravel-	65	70	Anhydrite and sand -----	18	228
Mud, yellow -----	5	75	Sand and water -----	15	243
Slate, blue -----	5	80	Anhydrite -----	161	404
Mud, yellow, and gravel-	20	100	Sand and water -----	4	408
Lime -----	5	105	Anhydrite -----	32	440
Gravel -----	35	140	Shale, blue -----	5	445
Anhydrite -----	8	148	Anhydrite -----	35	480
Shale, blue -----	22	170	Sand and water -----	15	495
Sand and water -----	3	173	Anhydrite -----	30	525
Anhydrite -----	5	178	Lime, brown, and anhydrite	23	548
Shale, blue -----	20	198	Lime -----	22	570

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well H-66--Continued					
Anhydrite -----	185	755	Lime, gray, hard -----	24	1,592
Shale, blue -----	2	757	Lime, gray -----	93	1,685
Lime, hard, sandy, and water -----	18	775	Lime, brown, and water -	115	1,800
Lime, hard -----	8	783	Lime, brown -----	90	1,890
Lime, hard, sandy, and water -----	4	787	Lime, gray -----	10	1,900
Lime, hard, and water --	35	822	Lime, brown, and water -	25	1,925
Lime, brown -----	43	865	Lime, gray -----	20	1,945
Lime -----	23	888	Lime, brown, and water -	70	2,015
Lime, gray -----	60	948	Lime, brown, soft, and lignite -----	5	2,020
Lime, gray, hard, and water -----	2	950	Lime, brown -----	5	2,025
Lime, gray, sandy -----	40	990	Lime, gray, hard -----	127	2,152
Lime, brown, sandy -----	35	1,025	Lime, brown, dark -----	8	2,160
Lime, gray -----	105	1,130	Lime, gray -----	15	2,175
Lime, gray, hard -----	15	1,145	Lime, gray, very hard --	20	2,195
Lime, rotten, and water-	25	1,170	Lime, gray -----	47	2,242
Slate, brown -----	4	1,174	Lime, brown -----	23	2,265
Lime, gray, hard -----	71	1,245	Lime, gray, and water --	130	2,395
Slate, brown -----	163	1,408	Lime, gray, hard -----	10	2,405
Lime, gray -----	10	1,418	Lime, gray -----	25	2,430
Lime, gray, hard -----	11	1,429	Lime, white, sandy -----	75	2,505
Lime, hard, sandy -----	21	1,450	Lime, gray -----	15	2,520
Lime, gray, hard -----	68	1,518	Lime, gray, very hard --	13	2,533
Lime, hard -----	50	1,568	Lime, gray -----	10	2,543
			Lime, light brown -----	13	2,556

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
Well H-66--Continued							
Lime, gray -----	50	2,606	Lime, brown -----	8	2,968		
Lime, brown -----	99	2,705	Lime, gray -----	7	2,975		
Lime, gray -----	25	2,730	Lime, brown, and water -	155	3,130		
Lime, brown -----	88	2,818	Lime, black and brown --	5	3,135		
Lime, gray -----	62	2,880	Lime, brown -----	5	3,140		
Lime, brown -----	41	2,921	Lime, light brown -----	50	3,190		
Lime, gray -----	9	2,930	Lime, sandy, and water -	7	3,197		
Lime, brown -----	15	2,945	Total Depth -----		5,205		
Lime, gray -----	15	2,960					

Well H-76

Owner: San Pedro Ranch. Driller: N. E. Johnson.

Surface -----	10	10	Anhydrite -----	16	325
Caliche -----	12	22	Red beds -----	90	415
Clay, white -----	21	43	Red beds, sandy -----	23	438
Shale and limestone ----	8	51	Red beds -----	77	515
Clay, yellow, and water-	31	82	Rock, red -----	22	537
Limestone, gray, hard --	21	103	Red beds -----	95	632
Sand, yellow, and shale-	49	152	Rock, red -----	39	671
Sandstone, gray -----	66	218	Red beds -----	47	718
Shale, gray -----	26	244	Rock, red -----	22	740
Limestone and shale ----	31	275	Red beds, sandy -----	42	782
Sand and water -----	12	287	Rock, red -----	58	840
Red beds -----	10	297	Red beds, sandy -----	80	920
Limestone, soft -----	12	309	Red beds -----	50	970

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well H-76--Continued					
Rock, red -----	11	981	Limestone, porous, and water -----	46	1,266
Red beds -----	47	1,028	Limestone, gray -----	12	1,278
Red beds, sandy -----	27	1,155	Limestone and anhydrite-	65	1,343
Rock, red -----	23	1,178	Limestone -----	21	1,364
Shale and anhydrite ----	42	1,220			

Well H-100

Owner: San Pedro Ranch. Driller: Anderson and Grable.

Gypsum, streaky -----	50	50	Clay, red, sandy -----	30	530
Clay, yellow -----	55	105	Clay, red, streaky -----	50	580
Sandrock -----	10	115	Clay, red -----	45	625
Rock, hard -----	12	127	Shale, red -----	25	650
Lime, blue -----	33	160	Clay, red -----	25	675
Lime -----	15	175	Shale, red -----	95	770
Lime, blue -----	3	178	Shale, broken -----	50	820
Clay, blue -----	37	215	Shale, broken, sandy ---	10	830
Sand and water -----	20	235	Shale, red, sandy -----	15	845
Clay, blue -----	40	275	Shell -----	23	868
Sand -----	25	300	Shale, red, sandy -----	32	900
Clay, sandy -----	15	315	Sand, broken -----	70	970
Clay, streaky -----	25	340	Clay, red -----	10	980
Gypsum -----	5	345	Sandrock -----	45	1,025
Clay, blue -----	35	380	Clay, red -----	130	1,155
Clay, red -----	5	385	Shell -----	15	1,170
Rock, red -----	115	500	Sand -----	15	1,185

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well H-100--Continued					
Rock, red, and sand ----	35	1,220	Sand, white, hard -----	35	1,380
Shale, red, hard, broken	10	1,230	Clay, yellow -----	10	1,390
Shale, hard, broken ----	10	1,240	Clay, blue -----	10	1,400
Rock, red -----	40	1,280	Gypsum -----	25	1,425
Gypsum, hard -----	32	1,312	Lime, white -----	25	1,450
Gypsum and water -----	13	1,325	Gypsum, white -----	30	1,480
Sand and water -----	20	1,345			

Well J-13

Owner: J. F. McElroy. Driller: Kirby Petroleum Co.

Lime, hard -----	50	50	Salt -----	10	845
Sand -----	60	110	Anhydrite -----	15	860
Mud, blue -----	15	125	Lime, brown, gray, and sandy, sulfur water --	95	955
Sand, water -----	70	195	Rock, red -----	10	965
Slate, blue -----	35	230	Lime and anhydrite ----	715	1,680
Lime and rock, red, water	165	395	Rock, red, lime, shale and anhydrite -----	100	1,780
Rock, red, anhydrite and gypsum -----	25	420	Lime, shale, blue, and anhydrite, sulfur water	210	1,990
Shale, blue -----	50	470	Sand -----	5	1,995
Sand, water -----	10	480	Lime -----	15	2,015
Rock, red, slate and lime	85	565			
Lime and anhydrite ----	270	835			

Well J-33

Owner: Shell Oil Co. Driller: G. F. Aldrich.

Caliche -----	25	25	Lime, hard -----	15	40
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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-33--Continued					
Lime, hard, gray -----	10	50	Lime and rock, red -----	55	555
Lime, yellow -----	10	60	Lime and anhydrite -----	15	570
Lime -----	10	70	Anhydrite -----	70	640
Sand, water -----	30	100	Shale -----	5	645
Sand, yellow -----	25	125	Anhydrite -----	20	665
Shale, blue -----	5	130	Anhydrite and sand, hole full of sulfur water -	6	671
Sand and shale -----	65	195	Lime, hard -----	10	681
Shale, blue -----	15	210	Anhydrite and lime -----	54	735
Sand, water -----	10	220	Shale -----	2	737
Lime -----	10	230	Lime -----	13	750
Shale and lime -----	40	270	Lime, sandy -----	25	775
Lime -----	30	300	Lime -----	45	820
Shale -----	5	305	Shale, blue -----	10	830
Rock, red -----	40	345	Rock, red -----	5	835
Shale, red -----	5	350	Lime, brown -----	20	855
Shale, gray -----	10	360	Anhydrite and shale ----	95	950
Lime and shale -----	30	390	Sand and lime, gas show-	5	955
Lime, sandy -----	20	410	Anhydrite and lime -----	775	1,730
Lime -----	40	450	Shale and lime -----	4	1,734
Lime and shale, blue ---	20	470	Lime -----	61	1,795
Lime -----	10	480	Sand, water -----	21	1,816
Shale and lime -----	20	500	Lime -----	19	1,835

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well J-35					
Owner: -- Fromme. Driller: Culbertson-Irwin, Inc.					
Caliche -----	30	30	Anhydrite -----	99	653
Sand, water -----	5	35	Lime, brown and anhydrite	38	691
Caliche -----	15	50	Anhydrite -----	28	719
Sand, water -----	10	60	Anhydrite and lime -----	56	775
Shale, brown -----	20	80	Lime, brown -----	21	796
Shale, red -----	30	110	Lime, brown and anhydrite	139	935
Lime -----	10	120	Shale, red -----	3	938
Sand and gravel -----	9	129	Anhydrite and shale breaks, red -----	32	970
Shale, red -----	131	260	Anhydrite -----	15	985
Gypsum and anhydrite ---	20	280	Lime, brown and anhydrite	28	1,013
Shale, brown -----	10	290	Anhydrite -----	32	1,045
Anhydrite -----	15	305	Sand and lime -----	10	1,055
Shale, blue -----	10	315	Lime, brown -----	35	1,090
Sand, water -----	39	354	Lime, brown and anhydrite	44	1,134
Shale, blue -----	18	372	Lime, brown -----	23	1,157
Shale, red -----	3	375	Lime, brown and anhydrite	65	1,222
Shale and sand -----	20	395	Lime -----	23	1,245
Anhydrite -----	15	410	Lime and anhydrite -----	12	1,257
Anhydrite and shale ----	10	420	Lime, brown -----	14	1,271
Shale, blue and anhydrite	32	452	Lime and anhydrite -----	14	1,285
Lime, anhydrite and shale	8	460	Lime, brown -----	10	1,295
Anhydrite -----	20	480	Lime and anhydrite -----	45	1,340
Shale, blue -----	10	490	Lime, gray -----	87	1,427
Shale, blue and anhydrite	64	554	Sand and lime -----	13	1,440

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well K-4					
Owner: -- Blaksley. Driller: Marland-Texon.					
Surface -----	30	30	Limestone -----	20	630
Shale -----	15	45	Shale, blue -----	25	655
Limestone -----	35	80	Limestone, green -----	20	675
Sand, water -----	25	105	Shale, blue -----	5	680
Limestone -----	10	115	Limestone, broken -----	15	695
Limestone, broken -----	40	155	Limestone, hard -----	40	735
Limestone -----	10	165	Gypsum -----	15	750
Shale, white -----	30	195	Limestone -----	25	775
Shale, yellow -----	30	225	Shale, blue -----	5	780
Shale, white -----	45	270	Limestone -----	60	840
Limestone -----	15	285	Salt -----	25	865
Shale, blue -----	55	340	Anhydrite -----	20	885
Limestone -----	5	345	Rock, red -----	10	895
Shale, blue -----	10	355	Anhydrite -----	15	910
Sand -----	15	370	Gypsum -----	40	950
Limestone, broken -----	10	380	Rock, red -----	55	1,005
Shale, broken, sandy ---	15	395	Gypsum -----	50	1,055
Rock, red -----	165	560	Rock, red -----	10	1,065
Limestone -----	10	570	Gypsum -----	370	1,435
Rock, red -----	5	575	Limestone, green -----	15	1,450
Anhydrite -----	10	585	Limestone, green and gypsum -----	10	1,460
Shale, blue -----	20	605	Gypsum -----	5	1,465
Sand, blue, and shale --	5	610			

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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well K-4--Continued					
Limestone, green -----	235	1,700	Limestone, sulfur water-	45	2,125
Gypsum -----	10	1,710	Water -----	120	2,245
Limestone, green -----	140	1,850	Sand -----	45	2,290
Sand and gravel -----	25	1,875	Limestone -----	5	2,295
Limestone, green -----	65	1,940	Sand, water -----	25	2,320
Limestone -----	90	2,030	Limestone and gypsum ---	15	2,335
Limestone, broken -----	50	2,080	Limestone -----	25	2,360

Well K-8

Owner: Cordova Union Land Co. Driller: Mazda Oil Corp.

Clay -----	45	45	Lime -----	35	720
Gravel -----	15	60	Anhydrite -----	25	745
Shale, blue -----	330	390	Lime -----	30	775
Rock, red -----	25	415	Anhydrite -----	35	810
Shale, blue -----	5	420	Lime -----	5	815
Rock, red -----	110	530	Sand, water -----	15	830
Lime -----	5	535	Lime -----	25	855
Shale, blue -----	5	540	Shale, blue -----	35	890
Lime -----	65	605	Anhydrite -----	30	920
Rock, red -----	10	615	Lime -----	50	970
Lime -----	10	625	Rock, red -----	5	975
Shale, blue -----	10	635	Anhydrite -----	35	1,010
Sand, water -----	5	640	Sand, water -----	20	1,030
Lime -----	20	660	Anhydrite -----	20	1,050
Anhydrite -----	25	685	Lime -----	60	1,110

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well K-8--Continued					
Lime, brown -----	3	1,113	Anhydrite -----	80	1,320
Anhydrite -----	27	1,140	Lime -----	15	1,335
Lime, white -----	55	1,195	Anhydrite -----	215	1,550
Rock, red -----	5	1,200	Lime -----	130	1,680
Lime -----	20	1,220	No record -----	10	1,690
Rock, red -----	20	1,240	Lime -----	112	1,802

Well K-15

Owner: Cordova Union Land Co. Driller: Cosby Producing & Royalty Co.

Caliche -----	20	20	Lime, green, and shell -	30	475
Lime, and shell -----	35	55	Anhydrite -----	15	490
Sand, hole full of water	57	112	Rock, red and anhydrite-	15	505
Shale, blue -----	8	120	Limestone and anhydrite-	45	550
Sand -----	80	200	Anhydrite and rock, red-	35	585
Shale -----	20	220	Lime and shell, hard ---	15	600
Lime and shell -----	5	225	Anhydrite and lime -----	5	605
Shale -----	20	245	Lime and shell -----	20	625
Rock, red -----	15	260	Lime, shell and anhydrite	100	725
Lime and shell -----	25	285	Sand and anhydrite -----	10	735
Rock, red -----	100	385	Lime, shell and anhydrite	5	740
Shale, blue -----	5	390	Salt and anhydrite -----	15	755
Limestone and anhydrite-	8	398	Rock, red -----	15	770
Shale -----	12	410	Lime, shell and anhydrite	5	775
Rock, red and anhydrite-	30	440	Rock, red -----	45	820
Sand, hole full of water	5	445	Lime and shell, broken -	4	824

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well K-15--Continued					
Lime and shell -----	21	845	Lime and shell -----	45	1,565
Shale and anhydrite, broken	20	865	Rock, red, and anhydrite	5	1,570
Rock red, and salt -----	35	900	Anhydrite -----	20	1,590
Salt, rock, red and anhydrite -----	60	960	Lime, shell and anhydrite	10	1,600
Rock, red, salt and anhydrite -----	10	970	Lime and shell -----	15	1,615
Anhydrite -----	15	985	Rock, red, and anhydrite	30	1,645
Lime, shell and anhydrite	30	1,015	Lime and shell -----	5	1,650
Rock red, and lime shell broken -----	35	1,050	Limestone and anhydrite-	45	1,695
Anhydrite -----	15	1,065	Lime and shell, broken -	70	1,765
Lime, shell and anhydrite	10	1,075	Anhydrite and limestone, broken -----	10	1,775
Rock, red -----	5	1,080	Anhydrite -----	15	1,790
Anhydrite -----	140	1,220	Rock, red and anhydrite-	20	1,810
Lime and shell, broken -	10	1,230	Limestone and anhydrite-	10	1,820
Lime, shell and anhydrite	70	1,300	Shale and anhydrite ----	5	1,825
Anhydrite and lime shell	70	1,370	Lime and shell, broken -	40	1,865
Lime and shell, green --	35	1,405	Slate, broken -----	13	1,878
Anhydrite -----	25	1,430	Sand, sulfur water -----	5	1,883
Anhydrite and rock, red-	24	1,454	Sand, water -----	10	1,893
Lime and shell -----	6	1,460	Sand, flowing sulfur water	12	1,905
Lime, shell, anhydrite, and rock, red -----	35	1,495	Lime, shell, and rock, red	20	1,925
Shale, green and anhydrite	15	1,510	Lime and shell, sandy --	25	1,950
Rock, red, and anhydrite	10	1,520	Sand, lime and shale ---	30	1,980
			Lime and shell -----	80	2,060
			Lime and shell, hard ---	105	2,165

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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well K-15--Continued					
Lime, and shell, broken-	3	2,168	No record -----	175	2,745
Lime and shell, broken -	202	2,370	Lime and shell, green --	5	2,750
Lime and shell, green --	35	2,405	Shale, green -----	10	2,760
Shale, blue and lime shell	25	2,430	Lime and shell, green --	8	2,768
Lime and shell, green --	10	2,440	Lime and shell, broken -	10	2,778
Lime and shells, broken-	15	2,455	Lime, shell, green and anhydrite -----	32	2,810
Shale -----	2	2,457	Lime and shell, broken -	10	2,820
Lime and shells, broken-	13	2,470	Lime and shell, green --	135	2,955
Shale, green -----	10	2,480	Shale, white -----	5	2,960
Lime and shell, hard, green -----	35	2,515	Lime and shell, green, and shale -----	10	2,970
Shale -----	5	2,520	Lime and shell, green --	35	3,005
Lime and shell, green --	50	2,570	Lime and shell -----	10	3,015

Well K-24

Owner: Fannie Woodward. Driller: Harris Cromell et al.

Lime -----	85	85	Anhydrite -----	240	715
Clay, yellow -----	10	95	Lime, brown -----	95	810
Sand, water -----	155	250	Anhydrite, water -----	15	825
Shale -----	50	300	Sand -----	22	847
Lime -----	50	350	Anhydrite and shale, brown	33	880
Anhydrite -----	55	405	Salt, broken -----	15	895
Sand and lime -----	10	415	Anhydrite and shale ----	25	920
Lime and shale, blue ---	45	460	Salt -----	5	925
Sand -----	15	475	Rock, red -----	15	940

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well K-24--Continued					
Anhydrite -----	7	947	Anhydrite, lime and shale, red -----	572	1,622
Salt, red, broken -----	5	952	Lime, brown and gray, salt water -----	18	1,640
Anhydrite -----	11	963	Anhydrite and lime, brown, white and gray -----	75	1,715
Anhydrite and shale, broken, red -----	7	970	Lime, dark brown, sulfur water -----	132	1,847
Lime -----	20	990			
Anhydrite, broken and sand	60	1,050			

Well K-46

Owner: -- Smithpeter. Driller: Landreth Production Co.

Lime, hard -----	25	25	Shale, blue -----	25	665
Lime -----	100	125	Anhydrite -----	55	720
Rock, red -----	30	155	Lime -----	10	730
Sand, water -----	165	320	Rock, red -----	40	770
Shale, blue -----	10	330	Lime -----	25	795
Shale, dark -----	30	360	Anhydrite -----	10	805
Slate, white -----	30	390	Lime -----	22	827
Lime, shells, and shale, sandy -----	15	405	Salt -----	10	837
Shale, light -----	60	465	Rock, red, salt -----	23	860
Shale -----	20	485	Salt -----	20	880
Lime -----	25	510	Anhydrite -----	20	900
Rock, red -----	60	570	Rock, red -----	25	925
Lime -----	15	585	Anhydrite -----	410	1,335
Rock, red -----	25	610	Shale, sandy -----	15	1,350
Anhydrite -----	30	640	Shale -----	10	1,360

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well K-46--Continued					
Lime -----	5	1,365	Lime, soft -----	30	1,770
Anhydrite and lime ----	45	1,410	Lime, hard -----	5	1,775
Lime, hard -----	30	1,440	Lime, flowing sulfur water	25	1,800
Lime -----	60	1,500	Lime, hard -----	25	1,825
Anhydrite and lime ----	40	1,540	Lime -----	25	1,850
Lime -----	25	1,565	Lime, sandy -----	45	1,895
Lime, very hard, green -	25	1,590	Lime -----	70	1,965
Lime -----	22	1,612	Lime, hard -----	10	1,975
Lime and shale, broken -	12	1,624	Lime, very hard and pyrite -----	10	1,985
Anhydrite -----	13	1,637	Lime, hard -----	47	2,032
Lime, sandy, and anhydrite	8	1,645	Lime, green -----	158	2,190
Lime, broken, anhydrite-	10	1,655	Lime, hard, green -----	25	2,215
Lime, hard -----	4	1,659	Lime, white -----	25	2,240
Lime -----	11	1,670	Lime, green -----	34	2,274
Shale -----	15	1,685	Lime, dark -----	8	2,282
Lime, broken -----	43	1,728	Lime, broken -----	33	2,315
Lime, sulfur water ----	2	1,730	Lime -----	19	2,334
Lime, sulfur -----	10	1,740			

Well L-5

Owner: -- Price. Driller: Jayhawk Oil Co.

Caliche, hole full of water -----	35	35	Shale -----	5	125
Gravel -----	70	105	Gumbo, red -----	43	168
Rock, red -----	15	120	Rock, red -----	17	185
			Sand, water -----	10	195

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well L-5--Continued					
Rock, red -----	15	210	Lime, broken and sand --	12	580
Sand, water -----	5	215	Sand -----	10	590
Lime -----	5	220	Shale, green -----	2	592
Rock, red -----	15	235	Shale and gypsum -----	4	596
Caliche -----	13	248	Sand, broken -----	9	605
Shale, blue -----	57	305	Shale, blue -----	5	610
Lime, sandy -----	20	325	Anhydrite -----	10	620
Shale, green -----	25	350	Sand, hole full sulfur water -----	5	625
Lime, sandy, pyrites ---	5	355	Sand, hard, broken -----	13	638
Lime -----	10	365	Lime, hard -----	10	648
Lime and pyrite -----	20	385	Sand -----	34	682
Shale, green -----	5	390	Gravel -----	8	690
Lime and pyrite -----	8	398	Caliche -----	50	740
Rock, red -----	22	420	Anhydrite -----	5	745
Caliche -----	10	430	Lime, sandy -----	8	753
Gumbo -----	4	434	Lime, hard -----	39	792
Caliche -----	6	440	Anhydrite and potash ---	18	810
Lime -----	5	445	Caliche and potash -----	5	815
Lime, green -----	25	470	Anhydrite and potash ---	105	920
Caliche -----	10	480	Lime, hard, green -----	17	937
Shale, green -----	17	497	Lime, green -----	17	954
Anhydrite -----	18	515	Lime, hard, green -----	13	967
Shale, green -----	25	540	Lime, green -----	5	972
Anhydrite, hard -----	28	568	Clay, red -----	15	987

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well L-5--Continued					
Anhydrite -----	18	1,005	Lime, dark green -----	15	1,355
Lime, green -----	25	1,030	Lime and anhydrite -----	18	1,373
Lime and anhydrite -----	20	1,050	Lime -----	22	1,395
Anhydrite and potash ---	23	1,073	Lime and anhydrite -----	20	1,415
Anhydrite and potash and salt -----	12	1,085	Lime -----	5	1,420
Anhydrite, lime and potash -----	7	1,092	Lime and anhydrite -----	13	1,433
Lime and anhydrite -----	6	1,098	Sand and lime -----	7	1,440
Lime, green -----	12	1,110	Lime and anhydrite -----	10	1,450
Lime and anhydrite -----	10	1,120	Lime and shale -----	5	1,455
Lime, hard, green -----	12	1,132	Lime, anhydrite and shale	30	1,485
Lime and anhydrite -----	15	1,147	Lime and gypsum -----	5	1,490
Lime, green -----	7	1,154	Lime -----	18	1,508
Lime and anhydrite -----	51	1,205	Lime, anhydrite and shale -----	22	1,530
Anhydrite, lime and anhydrite -----	19	1,224	Lime, hard broken -----	15	1,545
Lime and anhydrite -----	76	1,300	Lime, dark green -----	10	1,555
Lime, anhydrite and sand	23	1,323	Lime, green -----	5	1,560
Lime and anhydrite -----	12	1,335	Lime -----	140	1,700
Lime, hard, green -----	5	1,340	Lime, hard green, hole full sulfur water ----	35	1,735

Well L-17

Owner: Jack Adamson. Driller: Szenasi and Haines.

Topsoil -----	1	1	Gravel and clay -----	6	45
Rock, hard -----	38	39	Sand, water, gravel, orange -----	10	55

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

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

Gravel, water -----	15	70	Sand and gravel, water, orange -----	52	122
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Well L-52

Owner: V. G. Neville. Driller: Allen Tipton.

Soil -----	13	13	Clay -----	67	149
Gravel -----	2	15	Gravel -----	46	195
Gravel -----	13	28	Clay and sand -----	12	207
Gravel and clay -----	12	40	Rock -----	2	209
Clay and gravel -----	23	63	Gravel -----	11	220
Clay and gravel, water -	6	69	Clay -----	7	227
Rock -----	13	82			

Well L-82

Owner: M. R. Tripp. Driller: Szenasi and Haines.

Soil -----	10	10	Clay and gravel -----	21	112
Clay and gravel -----	45	55	Gravel, coarse, water --	13	125
Sand, dry -----	3	58	Gravel, tight, clay, water -----	5	130
Clay and gravel -----	23	81	Gravel, large, good ----	27	157
Sand, water -----	10	91			

3265 msl

Well M-7, partial log

Owner: H. G. Hershenson. Driller: Dixie Oil Co.

Lime, white -----	150	150	Lime, gray, sandy -----	60	335
Lime, blue -----	50	200	Shale, brown -----	10	345
Lime, white -----	75	275	Shale, broken, sandy ---	10	355

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well M-7--Continued					
Sand, soft -----	20	375	Lime, gray -----	20	1,490
Sand, water <i>Kct</i> -----	15	390	Shale, blue, calcareous-	10	1,500
Lime, gray, sandy -----	30	420	Shale, blue -----	15	1,515
Red beds -----	30	450	Lime, sandy -----	10	1,525
Sand -----	20	470	Lime, green, and blue shale -----	7	1,532
Red beds <i>PKR</i> -----	49	519	Gypsum and anhydrite ---	23	1,555
Rock, red -----	556	1,075	Lime, gray -----	15	1,570
Lime, white -----	25	1,100	Gypsum and shale, blue -	20	1,590
Rock, red -----	16	1,116	Gypsum and shale, black-	10	1,600
Lime -----	84	1,200	Gypsum and shale -----	17	1,617
Lime, gray -----	15	1,215	Gypsum -----	23	1,640
Red beds -----	21	1,236	Gypsum and anhydrite ---	22	1,662
Lime, gray -----	64	1,300	Lime -----	21	1,683
Lime, green and white --	20	1,320	Lime, dark -----	13	1,696
Lime, sandy, hole full water -----	5	1,325	Gypsum and anhydrite ---	18	1,714
Lime <i>Por</i> -----	25	1,350	Lime, sandy -----	12	1,726
Red beds -----	10	1,360	Lime and anhydrite -----	25	1,751
Shale, blue -----	32	1,392	Lime, dark and anhydrite	37	1,788
Lime, hard, green, sandy	16	1,408	Lime, white -----	747	2,535
Lime, hard, light green, hole full water -----	17	1,425	Lime -----	175	2,710
Lime, white -----	25	1,450	Salt -----	530	3,240
Lime, blue -----	20	1,470	Lime -----	10	3,250
			Total Depth -----		5,354

445

Table 5.--Drillers' logs of wells in Pecos County--Continued

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

Owner: J. H. Hayter. Driller: Fritz Graef.

Limestone, water -----	150	150	Sandstone -----	15	345
Shale -----	180	330			

Well M-21, partial log

Owner: Popham Land & Cattle Co. Driller: Floyd & Dodson.

Limestone, hard, white -	5	5	Lime, hard, brown -----	10	1,268
Shale, blue -----	2	7	Anhydrite, and sand, water	9	1,277
Lime, hard, gray and white	223	230	Anhydrite and shale, blue	4	1,281
Shale, blue with shells-	70	300	No record -----	14	1,295
Lime, blue and gray ----	160	460	Lime, gray and brown shale	15	1,310
Sand, coarse white and buff, water -----	65	525	Shale, blue -----	10	1,320
Shale, blue -----	15	540	Lime, gray -----	15	1,335
Shale, red, sand, and red beds -----	15	555	Sand, water -----	3	1,338
Sand, and shale, red ---	485	1,040	Lime, gray, coarse-grained	12	1,350
Anhydrite, hard -----	105	1,145	Lime, gray -----	45	1,395
Shale, red, and shale sandy -----	30	1,175	Lime and anhydrite ----	3	1,398
Anhydrite -----	30	1,205	Anhydrite, tight spot --	6	1,404
Sand, gray, water -----	10	1,215	Lime, sandy -----	6	1,410
Anhydrite -----	10	1,225	Lime, gray -----	10	1,420
Lime, brown -----	30	1,255	Lime -----	41	1,461
Shale, red -----	3	1,258	Anhydrite -----	59	1,520
			Total Depth -----		5,337

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well N-1, partial log					
Owner: C. M. Caldwell. Driller: Claude Garrett.					
Cellar -----	10	10	Sand, red, hole full water -----	5	1,140
Lava -----	40	50	Sand, red -----	15	1,155
Shale, blue -----	50	100	Sand, green, water -----	4	1,159
Shale, green -----	50	150	Sand -----	136	1,295
Mud, white -----	25	175	Sand, flowing water -----	55	1,350
Shale, green -----	61	236	Lime -----	15	1,365
Sand, white -----	8	244	Potash -----	5	1,370
Mud, white -----	26	270	Lime -----	20	1,390
Shale, red -----	26	296	Lime, shells and shale -	25	1,415
Sand, white, hole full water -----	12	308	Lime -----	10	1,425
Rock, red -----	107	415	Shale, green -----	15	1,440
Sand, red -----	10	425	Potash and anhydrite ---	5	1,445
Rock, red -----	100	525	Mud, red -----	5	1,450
Sand, red -----	5	530	Shale, potash, gypsum, and anhydrite -----	65	1,515
Rock, red -----	60	590	Shale and gypsum -----	65	1,580
Sand -----	15	605	Lime, green -----	15	1,595
Red beds -----	365	970	Lime and anhydrite -----	55	1,650
Shale, green -----	30	1,000	Lime -----	30	1,680
Rock, red -----	70	1,070	Lime and anhydrite -----	50	1,730
Anhydrite -----	30	1,100	Lime -----	25	1,755
Lime -----	10	1,110	Anhydrite -----	200	1,955
Shale, red -----	25	1,135	Total Depth -----		5,280

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well N-5

Owner: Emerson Tinkler. Driller: L. Walker.

Surface -----	15	15	Rock, red sand and red beds -----	141	568
Rock, green -----	15	30	Sandstone, red and red beds -----	492	1,060
Boulders -----	54	84	Anhydrite, lime, and mica	129	1,189
Rock, green -----	55	139	Lime -----	32	1,221
Sand and gravel -----	54	193	Lime, (Rustler) -----	61	1,282
Clay -----	16	209	Gypsum and anhydrite ---	18	1,300
Clay, sandy, and shells-	71	280	Shale, blue -----	28	1,328
Sand and gravel -----	48	328	Lime (Rustler) -----	117	1,445
Sandstone, red -----	72	400	Shale, broken -----	35	1,480
Red beds -----	19	419	Lime and anhydrite -----	360	1,840
Lime, red, sandy -----	8	427			

Well N-16

Owner: James Ensor. Driller: Charlie Langlitz.

Soil -----	10	10	Rock Sand, water-bearing ---	75	250
Caliche -----	2	12	Limestone -----	50	300
Gravel -----	98	110	Rock, red -----	50	350
Limestone -----	65	175	Rock Sand, red, water -----	1	351

Well P-3

Owner: Bennie Downing. Driller: Perry Jones.

Soil -----	3	3	Lime, yellow -----	37	137
Gravel -----	74	77	Lime, white -----	8	145
Lime, white -----	23	100	Lime, gray seashells ---	15	160

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well P-3--Continued					
Lime, yellow -----	17	177	Sand and shale -----	15	438
Lime, gray -----	31	208	Sand, hard -----	5	443
Shale, blue -----	25	233	Shale, blue -----	12	455
Lime, gray -----	27	260	Lime, brown -----	3	458
Shale, blue -----	80	340	Lime, hard, yellow, sandy	14	472
Lime, sandy -----	40	380	Sand, soft, yellow -----	23	495
Lime, brown -----	43	423	Shale -----	6	501

Well P-4

Owner: Bennie Downing. Driller: Bob Mullican.

Soil -----	4	4	Lime, gray -----	18	343
Gravel and boulders ----	54	58	Shale, blue -----	60	403
Lime -----	13	71	Lime, gray -----	24	427
Lime, white -----	49	120	Sand, blue -----	13	440
Lime, yellow -----	95	215	Shale, blue -----	25	465
Shale, blue -----	45	260	Lime, gray -----	15	480
Lime, gray -----	10	270	Sand, white -----	44	524
Shale, blue -----	55	325	Shale, blue -----	7	531

Well P-5

Owner: Raymond Tyler. Driller: Bob Mullican.

Soil and gravel -----	15	15	Lime -----	24	120
Gravel -----	15	30	Lime, blue, water at 200 ft. -----	21	141
Lime and gravel -----	37	67	Lime and shale, blue ---	40	181
Caliche -----	29	96	Shale, blue and yellow -	19	200

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Table 5.--Drillers' logs of wells in Pecos County--County

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well P-5--Continued					
Lime, yellow, water ----	42	242	Lime, gray, hard -----	30	437
Shale, blue -----	40	282	Sand and lime -----	13	450
Shale, blue and lime ---	63	345	Lime, sandy, hard -----	22	472
Lime, gray -----	20	365	Sand, hard and lime ----	15	487
Lime and sand, gray ----	37	402	Sand -----	13	500
Shale, blue -----	5	407	Shale and lime, sandy --	10	510

Well P-16

Owner: Southwestern Life Insurance Co. Driller: Phillips Petroleum Co.

Lime, white, hard -----	120	120	Slate, blue, soft -----	10	490
Slate, blue, soft -----	40	160	Slate, white, soft -----	7	497
Lime, hard, white -----	10	170	Rock, red, soft -----	22	519
Slate, blue, soft -----	130	300	Sand, gray, hard, hole full water -----	101	620
Lime, hard, white, hole full water -----	10	310	Rock, red, soft -----	8	628
Lime, brown, soft -----	3	313	Sand, gray, hard -----	39	667
Anhydrite, hard -----	2	315	Rock, red, soft -----	28	695
Lime, white, hard -----	22	337	Sand, gray -----	5	700
Shale, blue, medium-grained	12	349	Rock, red, soft -----	5	705
Lime, white, hard -----	21	370	Sand, red, soft -----	5	710
Lime and shale -----	10	380	Rock, red, soft -----	16	726
Sand, gray -----	5	385	Slate, green, soft -----	7	733
Sand, yellow, soft -----	22	407	Sand, gray, soft and hard	47	780
Slate, white, soft -----	5	412	Rock, red, soft -----	70	850
Sand, white, soft -----	68	480	Sand, gray, soft -----	5	855

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well P-16--Continued					
Rock, red, soft -----	45	900	Sand, gray, soft -----	22	1,514
Rock, sandy, red, soft -	120	1,020	Shale, blue, soft -----	61	1,575
Rock, red, soft -----	377	1,397	Anhydrite, soft -----	7	1,582
Sand, gray, hard -----	8	1,405	Anhydrite, hard -----	33	1,615
Rock, red, soft -----	52	1,457	Sand, red, hard, hole full water -----	45	1,660
Shale, green, soft -----	35	1,492			

Well P-19, partial log

Owner: Lillian Rudicil. Driller: The Texas Co.

Limestone and little sandstone -----	250	250	Sandstone, gray and white, fine -----	40	1,450
Sandstone, clear, coarse to very coarse -----	110	360	Dolomite, little anhydrite, and sandstone -----	250	1,700
Sandstone, fine, red, micaceous; little red shale -----	270	630	Anhydrite with little dolomite and sandstone scattered -----	720	2,420
Sandstone, fine, red with small amount red shale, scattered gypsum -----	720	1,350	Dolomite -----	130	2,550
Anhydrite -----	60	1,410	Total Depth -----		3,122

Well P-25

Owner: R & R Farms. Driller: R. T. Mullican.

QA Topsoil and gravel -----	17	17	Lime, gray -----	107	250
Gravel -----	73	90	Shale, black -----	17	267
Lime, water seep -----	18	108	Lime, gray -----	35	302
Lime and caliche -----	22	130	Lime, gray, hard -----	18	320
Lime, blue -----	13	143	Shale, blue and lime shells -----	6	326

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well P-25--Continued					
Lime, gray -----	20	346	Lime and shale -----	6	522
Shale, black -----	28	374	Sand, water -----	60	582
Lime shells and shale --	12	386	Shale, gray -----	3	585
Lime, sandy -----	11	397	Sand, water -----	40	625
<i>Kcl</i> Lime shells and shale --	19	416	Shale, blue -----	15	640
Lime, hard, blue -----	29	445	Shale, sandy -----	10	650
Lime, hard -----	25	470	Sandrock, hard -----	3	653
Sand, water-bearing ----	15	485	Lime, sandy -----	2	655
<i>Kcl</i> Lime, sandy -----	10	495	Rock, red -----	5	660
Shale, sandy and lime shells -----	15	510	<i>Kcl</i> Lime and shale -----	10	670
Lime -----	6	516	Red beds -----	12	682
			Sandrock, red -----	48	730

Well P-39

Owner. Mrs. H. D. Mendel. Driller: Gray Bros.

Topsoil -----	5	5	Shale and gravel -----	8	56
Gravel -----	5	10	Lime, crevice -----	12	68
Caliche -----	5	15	Lime -----	19	87
<i>QAI</i> Gravel -----	5	20	Lime, white -----	23	110
Gravel and shale, brown-	10	30	Lime, yellow and gray --	10	120
Lime, white -----	5	35	Lime and shale, gray ---	5	125
No record -----	4	39	Lime, gray -----	90	215
Lime, white -----	4	43	Shale, black -----	18	233
Lime, yellow, crevice --	3	46	Lime, gray, broken, water	35	268
Lime -----	2	48	Shale, black -----	2	270

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well P-39--Continued					
Lime, gray -----	5	275	Lime, and shale, gray --	4	460
Lime and shale, gray ---	5	280	Lime, yellow and gray, broken -----	4	464
Shale, gray -----	10	290	Lime, gray -----	11	475
Shale, gray and lime shells -----	18	308	Lime, gray and yellow --	3	478
Lime, and shale, gray --	16	324	Lime, broken, gray and white -----	5	483
Lime, gray, sandy -----	6	330	Shale, red -----	1	484
Lime and shale -----	4	334	Sand, hard, and gray lime	2	486
Shale, black -----	14	348	<i>let</i> Sand -----	2	488
Lime, gray -----	7	355	Shale, red -----	2	490
Lime, and shale, gray --	4	359	Shale, light blue -----	5	495
Shale, black -----	1	360	Lime, white -----	8	503
Lime and shale, gray ---	4	364	Lime, white and gray shale -----	4	507
Shale, black -----	12	376	Shale, light gray -----	5	512
Lime, hard, gray, broken	29	405	Sand, gray, water -----	43	555
Lime, gray, sandy, broken, water -----	31	436	Shale, light gray -----	2	557
Lime, gray -----	4	440	Shale, sandy -----	11	568
Lime, broken, yellow and gray, water -----	5	445	Sand, hard and gray shale	9	577
Lime, gray, sandy -----	11	456	Shale, red -----	3	580

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Well P-43

Owner: Chester Burks. Driller: R. T. Mullican.

Topsoil -----	8	8	Caliche and lime -----	27	49
Caliche -----	14	22	Caliche and lime -----	12	61

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well P-43--Continued					
Caliche -----	15	76	Shale, blue and lime ---	22	360
Lime -----	35	111	Shale, blue -----	23	383
Lime, caliche and gray lime -----	21	132	Shale, blue and lime ---	35	418
No record -----	14	146	Lime -----	40	458
Lime -----	65	211	Lime, hard -----	17	475
Lime and shale -----	44	255	Sand -----	16	491
Lime -----	40	295	Lime, hard -----	9	500
Shale, blue and lime ---	38	333	Sand, water-bearing ---	85	585
Shale, blue -----	5	338	Shale, blue -----	27	612

Well P-52

Owner: George Baker. Driller: Richardson Bros.

Soil -----	4	4	Shale, blue, lime breaks	135	325
<i>Gal</i> Gravel and boulders ----	56	60	Gravel, sand and lime --	15	340
Shale, yellow -----	10	70	Lime, sandy -----	72	412
Lime, yellow -----	10	80	<i>act</i> Lime and shale, sandy --	18	430
Shale, red -----	18	98	Shale, sand and gravel -	20	450
Lime, yellow -----	10	108	Sand -----	25	475
<i>Kce</i> Caliche -----	32	140	Shale and lime, sandy, gray -----	65	540
Lime, yellow -----	50	190	<i>to</i> Rock, red -----	10	550

Well P-61

Owner: R & R Farms. Driller: Richardson Bros.

Soil -----	8	8	Gravel, shale and boulders	50	58
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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well P-61--Continued					
Gumbo, yellow -----	7	65	Sand, soft, water -----	24	368
Bentonite -----	15	80	Lime, gray -----	4	372
Shale, blue -----	5	85	Shale, gray -----	32	404
Lime, soft, yellow -----	17	102	Sand, soft and gravel --	40	444
Lime, hard, yellow -----	28	130	Lime, sandy -----	17	461
Shale, blue -----	120	250	Gravel, reddish, crevice	14	475
<i>Kce</i> Lime, hard blue with shale breaks -----	20	270	Lime, hard -----	3	478
Lime, hard, gray -----	30	300	Sand, coarse, gray water	17	495
Sand, fine-grained, hard, water -----	5	305	Sand, fine-grained and lime breaks, yellow --	9	504
<i>Kct</i> Sand, gray, water -----	6	311	Sand, hard and lime breaks -----	11	515
Lime, gray, hard shale breaks -----	4	315	<i>Kce</i> Shale, gray, sticky ----	5	520
Sand, soft, water -----	5	320	<i>Kct</i> Shale, red, sticky ----	25	545
Shale, blue -----	4	324	Boulder bed -----	5	550
Lime, gray, hard, sandy-	20	344	Shale, light-red, sticky	6	556

Well P-74

Owner: Chandler Co. Driller: S. H. Parker.

Surface -----	25	25	Shale and lime -----	5	110
Lime -----	5	30	Gravel -----	15	125
Lime and gravel -----	5	35	Lime, white -----	10	135
Lime, gray -----	30	65	<i>Kce</i> Gravel and lime -----	5	140
Lime, white -----	5	70	<i>Kct</i> Sand -----	10	150
Lime, gray -----	35	105	Shale, yellow and sand breaks -----	15	165

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well P-74--Continued					
Sand, hard, yellow -----	10	175	Sand and shale, yellow -	30	300
Shale, gray -----	6	181	Sand and shale, gray ---	10	310
Conglomerate -----	6	187	Sand and shale -----	7	317
Shale, blue and yellow -	13	200	Shale, red -----	13	330
Sand and shale, yellow -	30	230	Shale and shells -----	4	334
Sand and shale, gray ---	15	245	Rock, red, and shale ---	26	360
Sand, yellow -----	13	258	Shale, red -----	25	385
Sand and shale -----	7	265	Shale, gray -----	21	406
Sand and shale, hard ---	5	270			

Well P-86

Owner: Chandler Co. Driller: Schade & Reynolds.

Clay -----	40	40	Shale, blue -----	8	370
Gumbo and shale -----	40	80	Lime -----	5	375
Gumbo -----	10	90	Shale -----	2	377
Clay -----	50	140	Lime -----	5	382
Caliche, water -----	97	237	Shale, black -----	8	390
Gumbo -----	6	243	Lime and shale -----	20	410
Clay -----	7	250	Lime -----	10	420
Lime, yellow, broken ---	49	299	Shale, blue -----	12	432
Shale, yellow -----	11	310	Lime -----	2	434
Lime -----	4	314	Shale, blue -----	18	452
Shale, blue -----	40	354	Shale and lime shells --	8	460
Lime, hard -----	3	357	Lime, blue -----	3	463
Shale and lime shells --	5	362	Shale, yellow -----	2	465

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well P-86--Continued					
Lime -----	10	475	Rock, red -----	8	726
Lime, broken -----	10	485	Sand, hard -----	4	730
Lime, hard, yellow ----	19	504	Rock, red -----	10	740
Lime, gray -----	11	515	Sand, hard -----	8	748
Lime, blue -----	6	521	Lime, gray -----	3	751
Shale, yellow -----	12	533	Shale, sandy and shells, yellow -----	9	760
Lime, yellow -----	8	541	Sand, hard -----	10	770
Lime, blue -----	3	544	Shale, yellow, sandy and shells -----	10	780
Lime, gray -----	2	546			
Lime, yellow -----	1	547	Sand, red and shale ----	13	793
Lime, gray -----	2	549	Shale, red -----	37	830
Lime, gray, sandy ----	5	554	Shale, gray -----	67	897
Lime, yellow -----	25	579	Lime, sandy -----	13	910
Sand, water -----	6	585	Rock, red -----	10	920
Sand and shells, water -	35	620	Shale, red -----	5	925
Sand, shells and shale -	10	630	Shale, sandy -----	10	935
Sand, hard -----	45	675	Rock, red -----	7	942
Lime, blue, sandy ----	5	680	Sand, hard -----	18	960
Sand, hard -----	6	686	Shale, gray, sandy ----	32	992
Shale, sticky -----	2	688	Sand, hard -----	6	998
Sand, hard -----	7	695	Shale, sandy -----	9	1,007
Sand, hard and shale ---	8	703	Rock, red -----	12	1,019
Rock, red -----	7	710	Shale, red, sandy ----	44	1,063
Sand, hard -----	8	718	Rock, red -----	14	1,077

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well P-86--Continued					
Shale, red, sandy -----	16	1,093	Shale, broken, sandy and shells -----	21	1,462
Rock, red -----	5	1,098	Sand, hard, shale and shells -----	6	1,468
Shale, sandy -----	12	1,110	Shale, sandy -----	14	1,482
Rock, red -----	6	1,116	Shale, blue -----	10	1,492
Red beds -----	8	1,124	Lime, sandy and shells -	18	1,510
Sand, hard -----	7	1,131	Lime, broken -----	2	1,512
Shale, red -----	18	1,149	Rock, red -----	4	1,516
Red beds -----	72	1,221	Sand, hard, shale and shells -----	12	1,528
Rock, red -----	54	1,275	Sand, hard and shells --	4	1,532
Shale, blue -----	20	1,295	Lime, broken -----	14	1,546
Shale, blue, sandy -----	11	1,306	Sand, hard and lime ----	7	1,553
Shale, blue -----	32	1,338	Shale, hard and shells -	17	1,570
Shale, black -----	1	1,339	Sand, medium soft -----	10	1,580
Sand, hard -----	1	1,340	Lime, broken, and red rock	15	1,595
Rock, red -----	2	1,342	Shale, blue, sticky ----	67	1,662
Sand, hard and shale ---	8	1,350	Lime, broken and gypsum-	6	1,668
Shale, broken -----	30	1,380	Shale, blue and lime shells -----	27	1,695
Shale, blue and shells -	10	1,390	Sand, hard and broken lime -----	32	1,727
Shale, blue -----	40	1,430	Sand, hard and lime ----	24	1,751
Shale, sticky -----	2	1,432	Lime -----	5	1,756
Shale, blue and shells -	4	1,436			
Sand, hard and gypsum --	5	1,441			

Table 5.--Drillers' logs of wells in Pecos County--Continued

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

Owner: Wilbur Sage. Driller: R. A. Cleveland.

Soil -----	8	8	Lime, yellow -----	7	215
Clay and sand -----	32	40	Lime, gray and shale ---	11	226
Gravel, yellow -----	20	60	Sand, yellow -----	8	234
Clay, yellow -----	5	65	Sand, gray -----	9	243
Shale, blue -----	30	95	Shale, gray -----	12	255
Lime, gray -----	70	165	Sand, gray -----	20	275
Lime, yellow -----	27	192	Shale, blue, sandy -----	25	300
Lime, blue -----	16	208			

Well P-108

Owner: Joe Harral. Driller: S. H. Parker.

Soil -----	5	5	Lime, yellow and gray --	20	212
Caliche -----	5	10	Lime, yellow -----	8	220
Lime -----	7	17	Lime, gray -----	18	238
Shale, yellow -----	33	50	Sand, yellow -----	21	259
Shale, yellow and blue -	25	75	Sand, shaly -----	6	265
Shale, blue -----	25	100	Sand, hard -----	7	272
Shale, blue -----	4	104	Shale, white -----	4	276
Lime -----	3	107	Sand, soft -----	11	287
Shale, blue -----	28	135	Sand, shaly -----	11	298
Lime shells, hard -----	20	155	Sand, and shale, brown -	31	329
Lime, gray -----	3	158	Sand, gray, and shale --	9	338
Lime, yellow -----	20	178	Sand, soft -----	10	348
Lime, yellow -----	14	192	Sand, hard -----	2	350

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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Well P-108--Continued					
Shale, gray -----	5	355	Lime, hard, brown -----	4	384
Lime, hard, gray -----	7	362	Sand and shale -----	2	386
Sand, hard, yellow -----	6	368	Lime, hard, brown -----	5	391
Sand, water -----	12	380	Lime, gray -----	14	405

Well P-121

Owner: L. C. Holladay. Driller: E. J. McMillan.

Soil -----	9	9	Lime, increase in water-	49	200
Caliche and gravel -----	11	20	Lime, yellow -----	48	248
Gravel and shale, yellow	30	50	Lime, yellow and sand --	7	255
Shale, black and blue --	50	100	Sand, yellow, water -----	113	368
Shale, black and yellow-	35	135	Shale, blue -----	15	383
Lime and shale, yellow -	3	138	Shale, red -----	2	385
Shale, yellow -----	13	151			

Well P-124

Owner: Clayton Williams, Jr. Driller: Gray Bros.

Topsoil, gravel and shale	20	20	Sand, yellow and lime, water -----	20	200
Gravel and shale -----	20	40	Sand, gray and yellow --	10	210
Shale, yellow -----	30	70	Lime, gray, sandy -----	10	220
Lime, yellow, shale and gravel -----	20	90	Sand and shale, gray ---	5	225
Lime, yellow, and shale-	10	100	Sand, hard, shale, yellow	10	235
Lime, yellow and gray --	5	105	Sand, yellow -----	35	270
Lime, gray -----	65	170	Lime, gray, sandy, and shale -----	5	275
Lime, yellow, broken, sandy	10	180			

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well P-124--Continued					
Lime, gray, sandy, and sand -----	3	278	Lime, gray, little shale	5	360
Shale, blue -----	12	290	Lime, brown and white --	23	383
Lime, sandy, gray and shale -----	5	295	Lime, soft break, water turned yellow -----	5	388
Shale, red -----	10	305	Lime, hard -----	4	392
Lime, brown and gray ---	35	340	Soft no cuttings -----	3	395
Lime, gray and red rock-	5	345	Lime, brown and white --	9	404
Lime, gray, broken and red rock -----	10	355	Lime, white and yellow -	21	425

Well Q-10

Owner: Mrs. B. Downs. Driller: The Texas Co.

Surface clay -----	70	70	Limestone -----	79	2,577
Shale and shells -----	380	450	Anhydrite and limestone-	81	2,658
Sand and red beds -----	250	700	Limestone -----	101	2,759
Red beds -----	780	1,480	Anhydrite and limestone-	51	2,810
Anhydrite and blue shale	10	1,490	Limestone and sand -----	40	2,850
Red beds and blue shale-	50	1,540	Limestone -----	45	2,895
Anhydrite and blue shale	32	1,572	Limestone, sandy -----	8	2,903
Red beds and anhydrite (encountered sulfur water at 1,600 ft.) --	153	1,725	Limestone -----	33	2,936
Limestone -----	95	1,820	Limestone and sand -----	16	2,952
Anhydrite and limestone-	502	2,322	Sand -----	9	2,961
Anhydrite and salt -----	176	2,498	Sand and dolomite -----	4	2,965
			Shale, sandy -----	32	2,997

Table 5.--Drillers' logs of wells in Pecos County--Continued

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

Owner: Marvin Dees. Driller: Perry Jones.

Soil -----	3	3	Sand and shale -----	54	250
Caliche -----	42	45	Sand, yellow -----	35	285
Gravel -----	8	53	Shale, gray -----	5	290
Clay, white -----	31	84	Sand, white -----	5	295
Lime -----	6	90	Shale, gray -----	27	322
Shale, blue -----	10	100	Sand -----	4	326
Lime, gray -----	96	196	Shale, blue -----	4	330

Well Q-61

Owner: Charlie Stone. Driller: John Lancaster.

Lime, hard -----	15	15	Gravel, pink, brown and yellow -----	30	100
Lime, soft, gray, water-	25	40	Lime, hard, blue -----	10	110
Shale, brown -----	20	60	Shale streaks, gravel and mud, white to yellow -	65	175
Gravel, water -----	10	70	Sandstone, gray -----	45	220

Well Q-81

Owner: F. A. Guthrie. Driller: R. A. Cleveland.

Soil -----	3	3	Lime, gray, hard -----	63	168
Gravel -----	2	5	Lime, sandy -----	7	175
Caliche, white -----	20	25	Shale, sandy -----	3	178
Lime, hard -----	3	28	Mud, gray -----	1	179
Rock and gravel -----	2	30	Shale, sandy -----	36	215
Shells, hard and soft streaks -----	58	88	Sand -----	--	215
Lime, yellow -----	17	105	No record -----	15	230

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well Q-148

Owner: Leon Land & Cattle Co. Driller: Percy Weddle.

Sand and boulders -----	350	350	Sand, shale, and red beds	190	785
Sandrock -----	55	405	Red beds and shale -----	120	905
Sand and rock, red -----	95	500	Red beds -----	190	1,095
Rock, red, and red beds-	95	595	Red beds and shale -----	120	1,215

Well Q-155

Owner: Leon Land & Cattle Co. Driller: -- Lockhart.

Surface -----	10	10	Sand -----	7	470
Lime, broken, sandy ----	27	37	Rock, red -----	3	473
Lime, brown and gravel -	13	50	Sand, red -----	23	496
Lime, gray, sandy -----	20	70	Lime, sandy -----	9	505
Slate, brown -----	10	80	Rock, red -----	15	520
Shells, sandy -----	15	95	Lime, brown -----	10	530
Lime, broken -----	40	135	Sand, hard, sharp -----	35	565
Shale, gray -----	5	140	Rock, red -----	10	575
Gumbo -----	20	160	Lime, sandy -----	50	625
Slate, black -----	47	207	Shale, red, gray, sandy-	68	693
Lime -----	18	225	<i>to + thin</i> Rock, red -----	74	767
Slate and lime shells --	33	258	Shale, blue -----	3	770
Shale, gray -----	22	280	Sand, red -----	15	785
Sand, water -----	10	290	Rock, red -----	46	831
Lime, gray -----	57	347	Lime and shale -----	6	837
Sand, water -----	113	460	Rock, red -----	8	845
Shale, gray -----	3	463	Lime -----	3	848

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-155--Continued					
Rock, red and red sand -	257	1,105	Anhydrite -----	377	2,177
Rock, red with some gypsum	215	1,320	Lime and anhydrite ----	8	2,185
Shells, and lime -----	3	1,323	Anhydrite, and gypsum, water -----	89	2,274
Shale, red -----	72	1,395	Anhydrite -----	5	2,279
Anhydrite -----	13	1,408	Anhydrite and lime ----	27	2,306
Rock, red -----	7	1,415	Anhydrite and lime, gray	3	2,309
Anhydrite -----	53	1,468	Lime, gray -----	21	2,330
Sand, soft, brown -----	22	1,490	Anhydrite -----	6	2,336
Lime, brown -----	5	1,495	Lime, brown -----	24	2,360
Lime, gray -----	115	1,610	Lime and shale, blue ---	17	2,377
Rock, red -----	5	1,615	Lime and slate -----	33	2,410
Shale, blue -----	5	1,620	Gypsum and slate -----	60	2,470
Gypsum -----	45	1,665	Shale, blue -----	24	2,494
Lime, hard -----	20	1,685	Anhydrite -----	9	2,503
Lime, gray -----	15	1,700	Lime -----	6	2,509
Sand, brown -----	10	1,710	Lime and anhydrite ----	38	2,547
Lime, gray -----	20	1,730	Anhydrite -----	87	2,634
Anhydrite and lime ----	10	1,740	Lime, gray -----	13	2,647
Lime -----	11	1,751	Anhydrite -----	10	2,657
Lime and anhydrite ----	7	1,758	Anhydrite and lime, gray	2	2,659
Shale, blue -----	7	1,765	Lime, gray -----	7	2,666
Lime, gray -----	17	1,782	Lime, hard, gray -----	5	2,671
Lime and anhydrite ----	8	1,790	Lime, gray -----	34	2,705
Lime, gray -----	10	1,800	Anhydrite -----	7	2,712

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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well Q-155--Continued					
Anhydrite and lime -----	17	2,729	Lime, gray, small -----	45	3,145
Lime, brown, small -----	13	2,742	Lime, brown -----	6	3,151
Lime, brown -----	11	2,753	Lime, gray, sandy, soft-	12	3,163
Lime, dark-brown -----	12	2,765	Lime, broken and shale -	21	3,184
Lime, brown -----	47	2,812	Lime, gray -----	31	3,215
Shale, brown -----	13	2,825	Lime, gray, sandy -----	10	3,225
Lime, brown, and shale -	21	2,846	Shale, dark, sandy -----	5	3,230
Lime, gray -----	17	2,863	Shale, black -----	4	3,234
Lime, brown -----	109	2,972	Lime, brown -----	20	3,254
Shale, gray -----	11	2,983	Lime, white -----	16	3,270
Sand, brown -----	36	3,019	Lime, dark and shale ---	5'	3,275
Lime, gray -----	31	3,050	Lime, hard, white -----	25	3,300
Sand -----	30	3,080	Lime, soft, white -----	6	3,306
Shale, red, sandy -----	20	3,100			

Well Q-195

Owner: City of Ft. Stockton. Driller: Shackelford Drilling Co.

Topsoil and shale -----	80	80	Sandrock -----	45	360
Lime, gray -----	193	273	Shale, blue and sandrock	10	370
Sand -----	42	315	Red beds -----	12	382

Well Q-201

Owner: City of Ft. Stockton. Driller: P. Jones.

Caliche and lime shells, water at 17 ft. -----	14	14	Shale, blue, sticky ----	58	98
Shale, blue and lime shale	26	40	Lime, gray, layers of slate and shale -----	74	172

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well Q-201--Continued					
Lime, yellow with shells, plenty of water, prob- ably small crevice ---	12	184	Lime sandy, hard -----	9	303
			Shale, white, sticky ---	12	315
Lime, gray, hard -----	76	260	Sandrock, soft -----	12	327
Sand, yellow -----	5	265	Sand, white -----	12	339
Sandrock, white -----	25	290	Shale, white, blue, oily	6	345
Shale -----	4	294			

Well Q-256

Owner: Othro Adams. Driller: R. A. Cleveland.

Soil -----	3	3	Shale, light gray and sand, white -----	20	188
Clay, brown and gravel -	7	10	Shale, light-gray -----	3	191
Lime, yellow and brown -	11	21	Red beds -----	5	196
Caliche, white -----	39	60	Shale, gray -----	4	200
Lime, white, water in crevice -----	10	70	Lime, gray -----	10	210
Lime, yellow -----	10	80	Shale, gray, sandy -----	8	218
Lime, brown -----	20	100	Sand, white, lots of pyrite -----	22	240
Lime, tan or gray -----	15	115	Sand, medium soft -----	30	270
Lime or shale, gray or brown -----	5	120	Sandstone, hard -----	30	300
Lime, gray -----	48	168			

Well Q-300

Owner: Claude Eaker. Driller: Garrett & Schumacher.

Caliche -----	20	20	Lime, hard gray, water -	28	56
Lime, yellow, crevice --	8	28	Lime, blue -----	9	65

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-300--Continued					
Lime, gray, water -----	38	103	Sand, brown -----	7	609
Lime, blue -----	2	105	Rock, red -----	33	642
Sandrock, yellow -----	21	126	Red beds -----	21	663
Sand, gray, water -----	9	135	Sand, brown -----	7	670
Shale, blue -----	2	137	Red beds -----	15	685
Sand, water -----	43	180	Lime, brown -----	12	697
No record -----	137	317	Shale, red -----	24	721
Red beds -----	6	323	Red beds -----	52	773
Lime, gray -----	11	334	Lime, yellow -----	3	776
Red beds -----	7	341	Red beds -----	54	830
Lime, gray -----	7	348	Rock, red -----	40	870
Shale, gray -----	17	365	Red beds -----	15	885
Shale, red -----	4	369	Rock, red -----	36	921
Shale, gray -----	19	388	Red beds -----	75	996
Shale, blue -----	23	411	Rock, red -----	20	1,016
Shale, gray -----	23	434	Shale, red -----	27	1,043
Red beds -----	27	461	Rock, red -----	71	1,114
Shale, gray -----	4	465	Red beds -----	88	1,202
Shale, red -----	6	471	Rock, red -----	30	1,232
Lime -----	8	479	Rock, red and shale ----	23	1,255
Shale, red -----	31	510	Lime -----	4	1,259
Rock, red -----	7	517	Rock, red -----	19	1,278
Lime, brown -----	8	525	Lime -----	18	1,296
Shale, red -----	30	555	Gypsum -----	5	1,301
Red beds -----	47	602	Shale, blue -----	11	1,312

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-300--Continued					
Red beds, water -----	13	1,325	Shale and gypsum -----	1	1,405
Lime, gray -----	11	1,336	Lime -----	6	1,411
Sand, water -----	2	1,338	Gypsum and lime -----	6	1,417
Lime -----	57	1,395	Shale, blue -----	17	1,434
Lime, sandy -----	5	1,400	Lime, gray -----	62	1,496
Shale, blue -----	2	1,402	Sand, red -----	14	1,510
Lime -----	2	1,404	Lime -----	37	1,547

Well Q-309

Owner: The University of Texas. Driller: Jamison & Pollard.

Limestone, hard, white -	48	48	Limestone, hard, gray and white; fossiliferous -	25	185
Shale, blue -----	12	60	Shale, blue and gray, limestone, hard, gray-	5	190
Shale, blue and limestone, white -----	12	72	Limestone, hard, gray and tan, fossiliferous	17	207
Shale, blue, rotten ----	26	98	Limestone, hard, gray and tan with calcite veins	18	225
Shale, blue, and limestone	17	115	Limestone, hard, yellow and gray -----	29	254
Limestone, sandy and shale, blue -----	5	120	Limestone and shale, blue	9	263
Limestone, sandy -----	4	124	Limestone, gray and yellow	2	265
Limestone, hard, gray, shale, blue, fossiliferous -----	4	128	Limestone, sandy gray, trace of pyrite -----	7	272
Limestone, gray and tan-	14	142	Limestone, sandy, gray and shale, white ----	8	280
Shale, blue and limestone, hard, gray -----	5	147	Sand, coarse-grained, gray, water -----	10	290
Shale, blue -----	8	155	<i>Trinity sand</i> Sand, coarse-grained, white, water -----	5	295
Limestone, sandy, gray -	5	160			

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-309--Continued					
Limestone, medium-grained, hard, white and sand, white, pyrites -----	10	305	Shale, sandy, mostly purple and interbedded silty red sand -----	60	570
Sand, coarse-grained, white, water -----	25	330	Sand, red, very fine to coarse-grained, with some thin beds of shale, gray to red -----	15	585
Sand, coarse-grained, white, shale, blue, breaks -----	15	345	Shale, red and gray, sandy, and sand -----	33	618
Sand, coarse-grained, white, shale, blue, and limestone, yellow ----	17	362	Sand, coarse-grained, red and gray -----	17	635
Smoky Sand, coarse-grained, white -----	20	382	Shale, gray and red, sandy -----	15	650
Sand, fine-grained, red, some shale, blue and red -----	18	400	Shale, red and gray, sandy -----	59	709
Sand, coarse-grained, red	5	405	No record -----	11	720
Sand, coarse-grained, red, some limestone, white-	3	408	Shale, red, sandy -----	40	760
Sand, very coarse-grained, red, water -----	2	410	Shale, red, sandy with trace of gypsum -----	5	765
Sand, coarse-grained, red, and hard, white lime- stone -----	8	418	Shale, red, sandy, medium-grained -----	30	795
Limestone, hard, white -	30	448	Sand, red, coarse-grained	5	800
Limestone, white -----	17	465	Shale and sand, sandy, fine to coarse-grained	40	840
Limestone, white, and shale, white -----	10	475	Shale, gray to red, sandy	35	875
Sand, very coarse-grained, transparent to red ---	20	495	Sand, fine-grained, red, red sandy shale, green sandy shale -----	45	920
Sand, coarse-grained, hard; limestone, tan to white	15	510	Shale, red, tract of gypsum, white -----	5	925
			Sand, fine-grained, shale, red sandy, trace of gypsum -----	45	970

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Q-309--Continued					
Shale, sandy, red, trace of gypsum -----	10	980	Anhydrite, white, trace of dolomite, white ---	20	1,410
Sand, fine-grained, red, and sandy, shale, red with thin beds of gypsum -----	95	1,075	Anhydrite, white, dolomite, dark -----	15	1,425
Shale, sandy, red, thin beds of gypsum -----	39	1,114	Anhydrite, white, hard, trace of dolomite ----	9	1,434
Shale, sandy, red, trace of gypsum -----	11	1,125	Shale, red -----	11	1,445
Shale, red -----	15	1,140	Limestone, hard to medium, white -----	15	1,460
Shale, red, sandy, trace of sand, greenish-gray	30	1,170	Limestone, medium to hard, light tan -----	8	1,468
Shale, sandy, red, trace of gypsum -----	5	1,175	Dolomite, porous, light to dark tan -----	55	1,523
Shale, sandy, red, trace of gypsum, white and sand, green -----	25	1,200	Dolomite, dark tan, shale, red -----	7	1,530
Sand, red, silty, and shale, sandy -----	60	1,260	Shale, red and white, dolomite, tan, and anhydrite, white ----	18	1,548
Shale, red, sandy -----	10	1,270	Shale, red -----	7	1,555
Shale, sandy, gray -----	15	1,285	Dolomite, dark tan, hard	13	1,568
Shale, red, sandy, gypsum, white -----	30	1,315	Limestone and sand, gray and dark -----	4	1,572
Shale, sandy, red -----	20	1,335	Sand and dolomite, gray and white -----	8	1,580
Shale, gray and red, sandy -----	18	1,353	Sand and limestone, sandy, gray to tan -----	20	1,600
Shale, sandy, red -----	29	1,382	Limestone, hard, dense -	12	1,612
Shale, sandy, red anhydrite, white and sand, gray -----	8	1,390	Limestone, porous, tan -	3	1,615
			Limestone, dense and porous -----	20	1,635

T2
Rush
beds

Pearman Rush

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well Q-309--Continued					
Dolomite, tan and sand, gray, water -----	10	1,645	Dolomite, tan, hard, sand, fine-grained, and shale, red -----	9	1,684
Sand, coarse-grained, gray, some dolomite, and shale, red -----	20	1,665	red ----- Anhydrite, white and shale, white and dolo- mite -----	8	1,692
Dolomite, hard, coarse- grained, sand, red, shale red and white --	5	1,670	Anhydrite, white -----	8	1,700
Dolomite, tan, hard ----	5	1,675	Anhydrite, white and tan	15	1,715
			Anhydrite, white -----	88	1,803
			No record -----	1,165	2,968

Well Q-319

Owner: Kermit Dyche. Driller: Gray Bros.

Topsoil and shale -----	10	10	Lime, gray -----	5	270
Shale and gravel -----	15	25	Lime, gray, sandy -----	10	280
Gravel -----	25	50	----- Sand, soft, yellow -----	20	300
Lime and gravel -----	5	55	Sand, yellow -----	5	305
Lime, white and yellow gravel -----	10	65	Shale, gray and hard sand	10	315
Shale, gray and yellow -	10	75	Sand, gray -----	20	335
Shale, blue -----	95	170	Sand, gray and shale ---	5	340
Lime, gray -----	20	190	Sand, gray, hard -----	5	345
Crevice, water -----	15	205	Sand, gray, water -----	32	377
Lime, yellow -----	5	210	Shale, sandy, gray -----	4	381
Lime, yellow and gray --	30	240	Sand, hard -----	4	385
Lime, gray -----	13	253	Sand, gray and shale ---	10	395
Lime, yellow, sandy ----	12	265	Shale, gray -----	8	403
			Shale; red -----	2	405

Table 5.--Drillers' logs of wells in Pecos County--Continued

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

Owner: Joe Harrel. Driller: Gray Bros.

Soil, shale and gravel -	25	25	Lime, yellow and white -	5	230
Lime, white -----	25	50	Lime, gray and yellow --	10	240
Shale, white and lime, shells -----	10	60	Lime, gray -----	40	280
Shale, gray and lime, shells -----	40	100	Sand, gray and yellow --	10	290
Shale, gray -----	68	168	Sand, hard, gray -----	2	292
Lime, gray -----	5	173	Shale, blue -----	13	305
Lime, broken and shale -	5	178	Sand, gray -----	35	340
Lime, gray -----	12	190	Sand, gray and shale ---	5	345
Lime, gray and yellow --	15	205	Sand, gray -----	35	380
Crevice -----	5	210	Sand, hard -----	2	382
Lime, white -----	15	225	Shale, blue -----	10	392
			Sand, hard, gray -----	4	396

Well R-4, partial log

Owner: San Pedro Ranch. Driller: Pinal Dome Corp.

Lime, hard -----	28	28	Sand, hard, sharp, blue-	10	198
Lime, soft -----	17	45	Sand, soft blue -----	10	208
Shell and lime, hard ---	1	46	Sand, hard blue -----	22	230
Lime, soft -----	24	70	Sand, soft, blue -----	42	272
Lime, hard, white -----	6	76	Red beds -----	5	277
<i>K</i> <i>LD</i> Lime, hard, yellow -----	36	112	<i>R / Peman</i> Lime, hard -----	1	278
Lime, soft, yellow -----	9	121	Red beds, hard -----	5	283
<i>Truman</i> <i>Sand</i> Sand, gray, water -----	30	151	Sand, hard, blue -----	3	286
Shale, blue -----	37	188	Red beds -----	47	333

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well R-4--Continued					
Lime, gray, gritty -----	8	341	Clay, white -----	5	1,276
Clay, dark-red -----	27	368	Lime, gray -----	13	1,289
Clay, part red beds ----	669	1,037	Red beds -----	17	1,306
Sand, red, fine-grained-	82	1,119	Clay, blue -----	43	1,349
Sand, hard -----	3	1,122	Sand, water -----	26	1,375
Clay and red beds -----	65	1,187	Red beds -----	48	1,423
<i>Puster</i> Clay, white -----	7	1,194	Clay, blue -----	21	1,444
Clay, gray -----	15	1,209	Lime, gray -----	10	1,454
Sand, hard, white -----	5	1,214	Clay, blue -----	36	1,490
Sand, gray -----	4	1,218	Lime, <i>Salado</i> gray -----	20	1,510
Lime, gray -----	48	1,266	Total Depth -----		3,955
Clay, blue -----	5	1,271			

Well R-18

Owner: The University of Texas. Driller: Buell-Hagen.

Surface -----	70	70	Sand and shale -----	35	445
Lime -----	50	120	Lime -----	15	460
Rock, red -----	30	150	Sand -----	10	470
Sand, water -----	8	158	Rock, red -----	4	474
Shale -----	42	200	Sand -----	6	480
Sand, water -----	28	228	Rock, red and anhydrite-	320	800
Shale -----	69	297	Shale -----	15	815
Lime -----	73	370	Sand and lime, water ---	35	850
Sand -----	30	400	Lime -----	85	935
Shale -----	10	410	Rock, red -----	25	960

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well R-18--Continued					
Lime, rock, red and anhydrite -----	30	990	Anhydrite -----	236	1,313
Anhydrite -----	42	1,032	Rock, red and anhydrite-	207	1,520
Rock, red -----	8	1,040	Rock, red -----	100	1,620
Sand and lime, some shale	37	1,077	Lime, some sand, and anhydrite -----	1,388	3,008

Well R-30

Owner: Pryor & Wilson. Driller: Buell-Hagen.

Lime, gray, hard -----	70	70	Lime, hard, gray -----	20	1,150
Sand, brown, hard, water	100	170	Gypsum -----	20	1,170
Sand, blue, hard -----	105	275	Sand, gray, hole full water -----	7	1,177
Lime, gray, hard -----	30	305	Lime, hard, gray -----	58	1,235
Sand, hard, small streaks of lime -----	15	320	Anhydrite and rock, red, sandy -----	25	1,260
Shale, pink, soft -----	10	330	Lime, anhydrite, shale, blue -----	5	1,265
Lime, hard, gray -----	30	360	Lime and anhydrite, gray	20	1,285
Sand, hard, red -----	75	435	Lime, gray -----	10	1,295
Rock, red, medium, sandy	58	493	Sand, hard, gray, hole full water -----	10	1,305
Rock, red -----	52	545	Anhydrite, small streaks of rock, red -----	70	1,375
Rock, red, sandy -----	10	555	Lime, brown, hard -----	15	1,390
Sand, hard, gray -----	15	570	Shale, blue and soft, anhydrite -----	70	1,460
Rock, red -----	165	735	Potash and salt -----	260	1,720
Rock, red, sandy -----	20	755	Salt -----	80	1,800
Rock, red -----	335	1,090			
Sand, hard, red -----	30	1,120			
Sand, hard, gray -----	10	1,130			

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well R-30--Continued					
Anhydrite -----	200	2,000	Anhydrite -----	40	2,315
Salt -----	10	2,010	Lime, brown, hard -----	20	2,335
Anhydrite -----	50	2,060	Lime, shale, broken ----	15	2,350
Salt -----	150	2,210	Salt and anhydrite -----	10	2,360
Anhydrite -----	5	2,215	Lime and anhydrite -----	40	2,400
Lime, brown, hard -----	15	2,230	Shale and anhydrite ----	30	2,430
Salt -----	45	2,275	Lime, gray, hard -----	78	2,508

Well R-53

Owner: -- Smith. Driller: Tiger Mineral Co.

Limestone, medium-dark, fine-grained -----	160	160	Sand, silty with shale, red and green -----	770	1,320
Sand, fine-grained, white and yellow -----	10	170	Limestone, dolomite ----	10	1,330
Limestone, sand and shale, gray -----	40	210	Dolomite -----	170	1,500
Sand and sand limy -----	50	260	Anhydrite -----	200	1,700
Sand, limestone and shale, gray -----	30	290	Anhydrite with little sand and shale, green and red -----	40	1,740
Limestone, hard, green and brown -----	70	360	Anhydrite -----	90	1,830
Limestone with increasing amount of sand -----	50	410	Anhydrite with little sand, shale, red, green and gray -----	190	2,020
Sand, and sand-gravel --	80	490	Anhydrite -----	200	2,220
Shale, bluish-gray -----	20	510	Dolomite and anhydrite -	180	2,400
Sand, fine-grained, silty, red -----	40	550	Dolomite and little sand, shale, gray -----	120	2,520
			No record -----	740	3,260

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well R-62

Owner: H. L. Winfield Estate. Driller: --

Clay -----	10	10	Lime, red, sandy -----	10	605
Lime hard, white -----	50	60	Shale, red and shale		
Shale, soft, blue -----	70	130	sandy -----	25	630
Lime, hard, white -----	85	215	Sand, soft, red, water -	30	660
Sand, red, water -----	15	230	Shale, red, sandy -----	543	1,203
Lime, hard, white -----	70	300	Lime, hard, gray -----	22	1,225
Sand, soft, red -----	60	360	Shale -----	5	1,230
Shale, blue -----	10	370	Sand, soft, water -----	15	1,245
Sand, white, water -----	80	450	Lime, hard, gray -----	15	1,260
Rock, red -----	25	475	Anhydrite -----	5	1,265
Shale, red and blue ----	30	505	Sand, water -----	10	1,275
Lime, hard, gray, sandy-	5	510	Lime, water -----	85	1,360
Sand, hard, water -----	20	530	Lime and anhydrite ----	385	1,745
Shale, blue -----	10	540	Salt -----	65	1,810
Rock, sandy, red -----	40	580	Anhydrite, hard, white -	60	1,870
Shale, hard, sandy, water	15	595	Lime, hard, brown -----	60	1,930
			Sand, flowing sulfur water	3	1,933

Well S-5

Owner: The University of Texas. Driller: Kirby Petroleum Co.

Lime -----	70	70	Mud, blue -----	20	270
Sand, yellow -----	20	90	Sand, water -----	15	285
Sand, red -----	20	110	Slate, white -----	20	305
Sand and water -----	140	250	Lime -----	10	315

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well S-5--Continued					
Sand, brown and lime shells	25	340	Lime -----	13	658
Rock, red -----	45	385	Slate, white -----	2	660
Shale, blue -----	30	415	Lime, gray -----	15	675
Sand -----	10	425	Anhydrite -----	10	685
Lime -----	15	440	Slate -----	5	690
Slate -----	10	450	Lime and anhydrite -----	30	720
Lime -----	10	460	Slate, white -----	10	730
Slate, blue -----	10	470	Anhydrite -----	120	850
Lime, green, and water -	20	490	Lime, broken -----	30	880
Shale, gray -----	15	505	Anhydrite -----	50	930
Rock, red -----	15	520	Lime -----	170	1,100
Gypsum -----	2	522	Sand, white -----	20	1,120
Lime -----	8	530	Lime, broken -----	25	1,145
Slate, blue -----	10	540	Lime -----	100	1,245
Lime -----	10	550	Lime, broken -----	30	1,275
Slate -----	10	560	Lime and anhydrite -----	15	1,290
Anhydrite and lime -----	30	590	Anhydrite, lime, and shale	20	1,310
Rock, red -----	10	600	Sand -----	15	1,325
Anhydrite -----	15	615	Lime -----	15	1,340
Rock, red -----	10	625	Sand -----	15	1,355
Anhydrite -----	20	645	Sulfur water -----	1	1,356

Well S-10

Owner: B. F. Smith. Driller: Grover and Frates.

Lime -----	60	60	Rock, red -----	5	65
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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well S-10--Continued					
Sand -----	130	195	Lime, green -----	5	715
Shale, sandy -----	5	200	Shale, green -----	10	725
Lime -----	10	210	Anhydrite -----	15	740
Sand -----	10	220	Salt -----	10	750
Shale -----	20	240	Anhydrite and salt -----	8	758
Sand -----	30	270	Lime, broken -----	10	768
Rock, red -----	10	280	Shale, blue -----	4	772
Shale, blue -----	20	300	Anhydrite -----	28	800
Sand -----	10	310	Lime -----	30	830
Shale, sandy -----	35	345	Anhydrite -----	5	835
Shale, blue -----	10	355	Lime, blue -----	15	850
Shale, sandy -----	30	385	Anhydrite -----	80	930
Lime, blue, sandy -----	15	400	Lime, blue -----	10	940
Shale, blue -----	5	405	Anhydrite and rock, red-	10	950
Lime, sandy -----	65	470	Anhydrite -----	55	1,005
Shale, blue -----	25	495	Lime, blue and anhydrite	10	1,015
Lime, sandy -----	5	500	Anhydrite -----	50	1,065
Rock, red -----	10	510	Lime, broken -----	30	1,095
Anhydrite -----	37	547	Lime, broken and anhydrite	70	1,165
Slate, blue -----	6	553	Anhydrite -----	3	1,168
Anhydrite -----	62	615	Lime, broken -----	32	1,200
Slate, blue -----	5	620	Lime and anhydrite -----	95	1,295
Lime -----	40	660	Lime, broken -----	5	1,300
Anhydrite -----	50	710	Anhydrite -----	10	1,310

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well S-10--Continued					
Lime, broken -----	40	1,350	Lime, sandy -----	38	1,480
Shale, blue -----	10	1,360	Lime, green -----	15	1,495
Lime, hole full sulfur water -----	7	1,367	Shale, sandy -----	10	1,505
Lime -----	8	1,375	Lime, green -----	45	1,550
Lime, green, sulfur water	67	1,442	Shale, blue -----	3	1,553
			Lime, green -----	54	1,607

Well S-11

Owner: Hinyard Land & Cattle Co. Driller: Henshaw Oil Co.

Surface -----	15	15	Lime, broken -----	15	345
Lime, white -----	10	25	Lime, sandy -----	30	375
Clay, yellow -----	20	45	Shale, green -----	15	390
Sand, red -----	40	85	Lime, green -----	50	440
Lime, broken -----	25	110	Lime -----	5	445
Sand, white -----	40	150	Shale -----	60	505
Clay, yellow, hole full water -----	35	185	Gypsum and lime shells -	105	610
Sand, water -----	10	195	Lime, hard, green -----	30	640
Shale, blue -----	10	205	Lime -----	60	700
Shale, green -----	20	225	Lime and gypsum shells -	15	715
Sand, water -----	25	250	Lime, broken -----	20	735
Shale, blue -----	10	260	Gypsum -----	30	765
Lime -----	10	270	Gypsum and shale -----	20	785
Lime, green -----	55	325	Gypsum -----	65	850
Rock, red -----	5	330	Lime, green -----	15	865
			Lime -----	50	915

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well S-11--Continued					
Gypsum -----	45	960	Lime -----	40	1,560
Anhydrite -----	20	980	Lime, sandy, water ----	265	1,825
Lime -----	10	990	Lime, broken -----	75	1,900
Anhydrite -----	15	1,005	Lime, broken, sandy ----	35	1,935
Lime, sandy -----	35	1,040	Lime, broken -----	58	1,993
Lime -----	235	1,275	Lime, broken, sandy ----	7	2,000
Sand, water -----	30	1,305	Lime, sandy, broken, water -----	35	2,035
Sand, flowing water ----	15	1,320	Lime, green, sandy, water -----	39	2,074
Sand -----	20	1,340	Lime, hard, green, sandy	301	2,375
Lime, green sandy, sulfur and gas -----	15	1,355	Lime, green, sandy, sulfur and gas -----	70	2,445
Lime, white -----	55	1,410	Lime, green, sandy, water	35	2,480
Lime, sandy -----	10	1,420	Lime, green, water ----	10	2,490
Lime -----	35	1,455	Lime, sandy, water ----	16	2,506
Lime, green, water ----	13	1,468	Lime, hard, green -----	24	2,530
Sand, water -----	22	1,490	Sand, dark-green -----	4	2,534
Lime, sandy, water ----	30	1,520			

Well S-41

Owner: -- Nutt. Driller: Lee Petroleum Co.

Lime, hole full water --	60	60	Sand -----	25	295
Sand, yellow -----	100	160	Shale, blue -----	20	315
Shale, yellow -----	60	220	Rock, red -----	20	335
Shale, blue -----	40	260	Sand -----	25	360
Lime -----	10	270	Sand and shale -----	20	380

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well S-41--Continued					
Shale, blue -----	20	400	Anhydrite -----	73	1,307
Shale, red, sandy -----	15	415	Anhydrite and red beds -	8	1,315
Rock, red -----	105	520	Red beds -----	11	1,326
Shale, red, sandy -----	25	545	Anhydrite -----	67	1,393
Rock, red -----	177	722	Lime -----	4	1,397
Sand and rock, red -----	3	725	Anhydrite -----	163	1,560
Rock, red -----	15	740	Red beds and anhydrite -	24	1,584
Salt -----	10	750	Anhydrite -----	151	1,735
Salt and sand -----	5	755	Anhydrite and sand shells	12	1,747
Anhydrite -----	15	770	Anhydrite -----	8	1,755
Rock, red, and salt ----	5	775	Anhydrite and red beds -	9	1,764
Salt -----	8	783	Anhydrite -----	36	1,800
Sand -----	17	800	Anhydrite and sand -----	20	1,820
Anhydrite -----	25	825	Lime -----	45	1,865
Sand, hole full water --	25	850	Lime, sandy -----	29	1,894
Anhydrite -----	312	1,162	Lime -----	6	1,900
Lime -----	6	1,168	Lime and anhydrite -----	160	2,060
No record -----	21	1,189	Lime and anhydrite -----	158	2,218
Lime, sandy -----	11	1,200	Lime, broken, sulfur water	6	2,224
Lime -----	34	1,234			

Well T-6, partial log

Owner: Belgrade Cattle Co. Driller: Steadham & Thrasher.

Caliche -----	10	10	Sand -----	125	265
Lime -----	130	140	Sand, hole full water --	10	275

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well T-6--Continued					
Sand, water -----	10	285	Lime, sandy -----	10	510
Clay -----	15	300	Rock, red -----	20	530
Shale, blue -----	15	315	Lime -----	30	560
Shale, green -----	45	360	Lime, shale and shells -	30	590
Shale, sandy -----	10	370	Anhydrite -----	70	660
Shale, green -----	5	375	Red beds -----	10	670
Shale, blue -----	5	380	Anhydrite -----	60	730
Lime, white -----	5	385	Red beds -----	30	760
Lime white, sandy, hole full water -----	40	425	Anhydrite -----	15	775
Shale, red -----	5	430	Red beds -----	20	795
Lime, white, sandy -----	5	435	Anhydrite -----	65	860
Lime, sandy -----	35	470	Shale -----	5	865
Shale, blue -----	10	480	Anhydrite -----	35	900
Lime, white, sandy -----	20	500	Total Depth -----		2,020

Well T-18, partial log

Owner: -- Phelps. Driller: Independent Oil & Gas Co.

Cellar -----	10	10	Sand, water -----	105	380
Lime, broken -----	35	45	Mud, blue -----	5	385
Shale, blue -----	5	50	Shale -----	5	390
Mud, blue -----	15	65	Mud, blue -----	45	435
Lime -----	155	220	Shale -----	15	450
Sand -----	46	266	Shale, blue -----	20	470
Lime -----	9	275	Shale -----	35	505

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well T-18--Continued					
Shale, blue -----	20	525	Salt -----	15	980
Lime -----	10	535	Anhydrite -----	15	995
Lime, broken -----	50	585	Sand, broken -----	15	1,010
Rock, red -----	15	600	Rock, red -----	25	1,035
Lime and anhydrite -----	15	615	Lime, gray -----	40	1,075
Rock, red -----	10	625	Anhydrite -----	180	1,255
Lime and anhydrite -----	15	640	Lime, gray and anhydrite	20	1,275
Rock, red -----	25	665	Lime, brown -----	15	1,290
Lime -----	10	675	Lime, gray, and anhydrite	150	1,440
Lime, gray -----	10	685	Lime, gray -----	27	1,467
Anhydrite -----	90	775	Lime, hard, brown -----	8	1,475
Red beds -----	5	780	Lime, gray -----	10	1,485
Salt and anhydrite -----	5	785	Lime, brown, small -----	35	1,520
Salt -----	40	825	Lime, hard -----	25	1,545
Salt and potash -----	10	835	Lime, gray -----	65	1,610
Rock, red -----	5	840	Rock, red -----	15	1,625
Anhydrite -----	5	845	Lime, gray and anhydrite	30	1,655
Red beds -----	10	855	Lime, hard, brown -----	61	1,716
Salt -----	5	860	Anhydrite -----	14	1,730
Rock, red -----	15	875	Anhydrite and lime -----	50	1,780
Red beds -----	15	890	Lime, hard, brown -----	50	1,830
Lime, brown -----	50	940	Lime, hole full sulfur water -----	55	1,885
Rock, red -----	15	955	Lime -----	5	1,890
Anhydrite -----	10	965	Lime, sandy -----	15	1,905

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well T-18--Continued					
Sand -----	15	1,920	Lime -----	25	2,170
Lime -----	5	1,925	Lime, gray -----	5	2,175
Sand -----	35	1,960	Lime -----	75	2,250
Lime, gray -----	16	1,976	Lime, hard, gray -----	30	2,280
Sand, dark, soft -----	24	2,000	Lime, hard, brown -----	10	2,290
Lime, sandy -----	75	2,075	Lime, gray -----	85	2,375
Sand -----	10	2,085	Lime and sand, soft, gray	26	2,401
Lime, sandy -----	45	2,130	Total Depth -----		2,404
Lime, sandy, hard -----	15	2,145			

Well T-42

Owner: The University of Texas. Driller: World Oil Co.

Cellar -----	9	9	Shale, blue -----	5	305
Sand, yellow -----	6	15	Sand, green -----	27	332
Lime and sand -----	20	35	Shale, blue -----	8	340
Sand -----	5	40	Sand, water -----	70	410
Chalk -----	95	135	Shale, blue -----	2	412
Lime -----	10	145	Sand, heaving -----	8	420
Lime, broken -----	30	175	Sand -----	10	430
Sand -----	10	185	Sand, heaving -----	10	440
Lime -----	5	190	Sand, green -----	20	460
Sand -----	20	210	Sand -----	4	464
Sand, yellow, and blue shale -----	50	260	Lime, green -----	11	475
Sand -----	40	300	Sand, hole full water --	10	485
			Lime, green -----	15	500

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well T-42--Continued					
Shale, blue -----	10	510	Anhydrite -----	15	1,225
Shale, green -----	35	545	Lime, green -----	20	1,245
Rock, red -----	30	575	Lime, dark -----	65	1,310
Anhydrite -----	100	675	Lime, dark, broken ----	30	1,340
Rock, red -----	10	685	Sand, broken -----	5	1,345
Shale, blue -----	25	710	Lime, hard -----	40	1,385
Lime, broken -----	30	740	Lime, dark -----	10	1,395
Shale, blue -----	5	745	Lime, green -----	20	1,415
Anhydrite -----	90	835	Lime, hard, green -----	45	1,460
Lime, broken -----	5	840	Shale -----	27	1,487
Lime, hard, green -----	40	880	Lime, hard -----	13	1,500
Shale, blue -----	15	895	Lime, white -----	15	1,515
Lime, green, broken ----	25	920	Shale, green and lime --	13	1,528
Shale, blue -----	5	925	Lime, hard, green -----	12	1,540
Lime, broken -----	15	940	Lime, green -----	7	1,547
Shale, dark -----	10	950	Lime, sandy -----	2	1,549
Lime, broken -----	25	975	Lime, hard, green -----	3	1,552
Shale, dark -----	25	1,000	Lime, green -----	11	1,563
Shale and lime, dark ---	5	1,005	Lime, broken, green ----	2	1,565
Anhydrite -----	3	1,008	Lime -----	13	1,578
Lime -----	2	1,010	Lime, green -----	4	1,582
Anhydrite -----	20	1,030	Lime -----	16	1,598
Sand -----	20	1,050	Lime, dark, sulfur water	14	1,612
Lime, green -----	160	1,210	Lime, broken -----	22	1,634

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well T-42--Continued					
Lime, green, flow sulfur water -----	46	1,680	Lime, sandy, green -----	5	1,875
Lime, sandy -----	23	1,703	Lime, broken hole full sulfur water -----	30	1,905
Lime, broken -----	12	1,715	Lime, green, sandy -----	5	1,910
Lime, hard, green -----	19	1,734	Lime, broken -----	10	1,920
Lime, green -----	11	1,745	Lime, sandy, broken, flow sulfur water -----	20	1,940
Lime, hard, green -----	7	1,752	Lime, broken, sandy -----	25	1,965
Lime, broken, green -----	11	1,763	Lime, broken -----	80	2,045
Lime, broken -----	67	1,830	Lime, hard, broken -----	35	2,080
Lime, hard, broken -----	5	1,835	Lime, hard -----	119	2,199
Lime, broken -----	35	1,870			

Well T-53, partial log

Owner: The University of Texas. Driller: Dobbs Oil Co.

Gravel -----	16	16	Sand -----	20	175
Lime -----	4	20	Gravel -----	5	180
Gravel -----	2	22	Sand -----	98	278
Lime -----	18	40	Shale -----	12	290
Sand -----	2	42	Mud, red -----	15	305
Lime -----	76	118	Rock red -----	75	380
Sand -----	7	125	Sand, water -----	20	400
Lime and shells -----	3	128	Shale, broken -----	10	410
Gravel and sand -----	12	140	Red beds -----	10	420
Lime and sand -----	4	144	Sand, broken -----	10	430
Sand, water -----	11	155	Shale, sandy -----	35	465

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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well T-53--Continued					
Shale, red -----	15	480	Shale, red -----	90	690
Rock red, and red shale-	110	590	Anhydrite -----	20	710
Rock, red -----	5	595	Total Depth -----		2,100
Lime -----	5	600			

Well U-13, partial log

Owner: Walter Graef Estate. Driller: The Texas Co.

Clay, soft, gray -----	30	30	Sand, white -----	15	515
Gravel -----	10	40	Shale, blue -----	5	520
Clay -----	10	50	No record -----	50	570
Lime, hard, white -----	18	68	Rock red -----	18	588
Shale, soft, white -----	12	80	Anhydrite, white -----	12	600
Shale, soft, white, sandy	25	105	Lime, brown -----	20	620
Sand, soft, yellow -----	5	110	Lime, gray -----	60	680
Lime, hard, gray -----	10	120	Lime, brown -----	18	698
Sand, soft, yellow -----	70	190	Lime, gray -----	14	712
Shale, soft, yellow, sandy	55	245	Shale, soft, red -----	13	725
Shale, soft, blue -----	55	300	Lime, gray -----	40	765
Sand and lime, white ---	50	350	Salt -----	3	768
Shale, blue -----	70	420	Shale, red -----	32	800
Shale, gray, sandy -----	5	425	Anhydrite, hard -----	30	830
Shale, gray -----	23	448	Anhydrite, hard, white -	370	1,200
Lime, hard, white -----	2	450	Anhydrite, medium, white, and shale, red -----	130	1,330
Shale, soft, gray -----	21	471	Anhydrite, white -----	50	1,380
Shale, soft, gray, sandy	29	500			

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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)	
Well U-13--Continued					
Anhydrite, white, medium	30	1,410	Anhydrite, medium, white	14	1,560
Shale, red -----	10	1,420	Shale, soft -----	10	1,570
Anhydrite, hard, white -	5	1,425	No record -----	5	1,575
Anhydrite, medium, white	21	1,446	Lime, medium, white ----	66	1,641
Lime -----	2	1,448	Shale, soft, brown ----	3	1,644
Lime, broken, soft ----	24	1,472	Anhydrite, medium, gray-	15	1,659
Shale, blue -----	13	1,485	Shale, soft, green ----	11	1,670
Lime, hard, gray -----	25	1,510	Lime, hard, brown -----	29	1,699
Lime, white, broken ----	14	1,524	Lime, medium, brown ----	56	1,755
Lime, hard, white -----	16	1,540	Total Depth -----		1,775
Anhydrite -----	6	1,546			

Well U-39

Owner: Jake Broyles. Driller: Koonce & Young.

Topsoil -----	3	3	Clay -----	33	193
Caliche -----	77	80	Gravel and sand -----	10	203
Gravel -----	15	95	Conglomerate -----	13	216
Caliche -----	60	155	Sand -----	49	265
Gravel -----	5	160	Clay, yellow -----	5	270

Well U-55

Owner: The University of Texas. Driller: Taylor-Link Oil Co.

Surface -----	5	5	Lime, yellow -----	20	45
Gravel -----	5	10	Lime, white -----	5	50
Lime -----	15	25	Lime, yellow, gravel ---	65	115

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well U-55--Continued					
Lime, hard, green -----	40	155	Red beds -----	10	735
Lime, yellow -----	15	170	Rock, red -----	15	750
No record -----	50	220	Anhydrite -----	10	760
Sand, heaving -----	50	270	Rock, red -----	20	780
Sand, white -----	30	300	Lime, blue -----	5	785
Sand -----	30	330	Lime, green -----	5	790
Sand, white -----	35	365	Anhydrite -----	45	835
Shale, blue, sand -----	20	385	Anhydrite and rock, red-	25	860
Shale, white, sand -----	15	400	Salt -----	5	865
Pyrite and iron -----	8	408	Anhydrite -----	10	875
Sand, white -----	7	415	Salt -----	15	890
Shale, blue -----	45	460	Rock, red -----	10	900
Sand, hard, green -----	25	485	Salt -----	15	915
Shale, green, sandy ----	10	495	Anhydrite -----	10	925
Red beds -----	5	500	Shale -----	10	935
Lime, broken -----	30	530	Anhydrite and lime ----	15	950
Shale, green -----	30	560	Lime, broken -----	10	960
Lime, green -----	20	580	Lime, blue -----	10	970
Rock, red -----	20	600	Anhydrite -----	15	985
Lime and shale -----	15	615	Lime and anhydrite ----	70	1,055
Anhydrite and shale ----	20	635	Anhydrite -----	110	1,165
Anhydrite -----	50	685	Lime, green -----	5	1,170
Sand, white, hole full sulfur water -----	10	695	Lime and anhydrite ----	25	1,195
Anhydrite, lime, and shells	30	725	Lime, broken -----	5	1,200

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well U-55--Continued					
Shale, broken, sandy ---	4	1,204	Lime, green -----	5	1,330
Lime, broken -----	6	1,210	Shale, green -----	35	1,365
Anhydrite -----	20	1,230	Sand, broken -----	3	1,368
Lime and anhydrite ----	25	1,255	Lime, green -----	10	1,378
Lime, green -----	15	1,270	Sand, broken -----	2	1,380
Anhydrite -----	5	1,275	Lime, green -----	200	1,580
Lime and anhydrite ----	10	1,285	Shale, blue, and lime --	30	1,610
Anhydrite and lime, broken	25	1,310	Lime, hard, green -----	5	1,615
Shale, sandy -----	15	1,325	Lime, green, sandy, soft	13	1,628

Well U-62

Owner: The University of Texas. Driller: Cardinal Oil Co.

Caliche -----	10	10	Sand -----	10	400
Limestone -----	25	35	Lime, sandy -----	10	410
Lime, hard -----	10	45	Shale, sandy -----	35	445
Lime -----	5	50	Sand -----	30	475
Clay -----	120	170	Clay, yellow -----	5	480
Sand, hole full water --	5	175	Sand -----	10	490
Lime -----	10	185	Lime -----	4	494
Lime, broken -----	80	265	Slate, blue -----	16	510
Sand, hard -----	10	275	Shale, blue -----	10	520
Lime, white -----	75	350	Sand, broken -----	10	530
Sand red -----	15	365	Lime, broken -----	10	540
Lime, hard -----	20	385	Shale, blue -----	5	545
Lime and sand -----	5	390	Rock, red -----	10	555

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well U-62--Continued					
Lime, hard -----	5	560	Rock, red and anhydrite-	65	1,165
Rock, red -----	50	610	Lime, broken -----	25	1,190
Lime and anhydrite -----	10	620	Rock, red and salt -----	10	1,200
Sand, hole full water --	20	640	Anhydrite and lime -----	20	1,220
Rock, red and gypsum ---	55	695	Rock, red and anhydrite-	50	1,270
Lime, sandy -----	10	705	Lime -----	25	1,295
Shale, blue -----	15	720	Lime and anhydrite -----	40	1,335
Lime, green -----	25	745	Anhydrite -----	130	1,465
Gypsum -----	40	785	Anhydrite and lime -----	142	1,607
Gypsum and rock, red ---	5	790	Lime, broken, sandy ----	23	1,630
Lime, green -----	10	800	Lime, green and anhydrite	10	1,640
Rock, red -----	10	810	Lime -----	40	1,680
Gypsum -----	10	820	Lime, sandy -----	10	1,690
Rock, red and gypsum ---	65	885	Lime, broken -----	20	1,710
Rock, red and anhydrite-	20	905	Lime, green, water -----	35	1,745
Shale, red and gypsum --	10	915	Lime, hard green, water-	75	1,820
Potash and shale, red --	10	925	Shale, sandy, blue -----	5	1,825
Lime, sandy, broken ----	5	930	Lime, green -----	20	1,845
Limestone, green -----	35	965	Bentonite and lime -----	5	1,850
Salt, hole full sulfur water -----	15	980	Lime, gray -----	5	1,855
Salt -----	10	990	Bentonite and lime -----	5	1,860
Shale, red and salt ----	15	1,005	Lime, gray -----	12	1,872
No record -----	70	1,075	Lime, hard, green -----	13	1,885
Red beds -----	25	1,100	Lime, green -----	15	1,900

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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well U-62--Continued					
Lime, hard, green -----	20	1,920	Lime, hard -----	13	1,973
Lime, green -----	10	1,930	Lime, sandy -----	12	1,985
Lime, hard, sandy -----	30	1,960			

Well U-72

Owner: White & Baker Estate. Driller: Gulf Oil Corp.

Surface -----	8	8	Shale, red -----	95	1,000
Lime -----	262	270	Lime -----	58	1,058
Shale -----	20	290	Shale, red -----	87	1,145
Lime -----	15	305	Potash and salt -----	138	1,283
Lime, broken -----	15	320	Salt -----	171	1,454
Shale, blue -----	50	370	Lime -----	31	1,485
Lime -----	255	625	Salt -----	115	1,600
Shale -----	5	630	Rock, red and shells ---	31	1,631
Sand -----	70	700	Lime, broken, gas -----	9	1,640
Shale -----	18	718	Lime -----	35	1,675
Shale, blue -----	7	725	Salt -----	15	1,690
Sand -----	10	735	Shale, red -----	15	1,705
Shale, blue -----	25	760	Salt -----	20	1,725
Shale, red -----	35	795	Conglomerate -----	25	1,750
Shale, blue -----	5	800	Shale, red -----	25	1,775
Sand -----	10	810	Conglomerate, mixed ----	25	1,800
Shale, blue -----	66	876	Lime -----	5	1,805
Sand -----	18	894	Conglomerate -----	167	1,972
Lime -----	11	905	Gypsum and lime -----	86	2,058

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well U-72--Continued					
Gypsum -----	27	2,085	Lime, dark, hole full water -----	30	3,170
Conglomerate -----	155	2,240	Lime, gray -----	67	3,237
Lime -----	200	2,440	Lime, gray, sandy -----	18	3,255
Conglomerate -----	28	2,468	Lime, sandy -----	19	3,274
Shale, blue -----	17	2,485	Lime, hard, blue -----	2	3,276
Lime, black -----	5	2,490	Lime, brown -----	39	3,315
Lime, gray, sulfur water	5	2,495	Lime, gray -----	60	3,375
Lime, gray -----	5	2,500	Lime, brown -----	18	3,393
Lime, black -----	30	2,530	Lime, gray -----	166	3,559
Lime, gray -----	15	2,545	Lime, brown, hole full water -----	91	3,650
Sand, hole full water --	10	2,555	Lime, brown -----	40	3,690
Lime, black -----	17	2,572	Lime, gray -----	70	3,760
Lime, gray -----	26	2,598	Lime, dark gray -----	12	3,772
Lava -----	10	2,608	Lime, gray -----	163	3,935
Lime, gray -----	30	2,638	Lime, black -----	5	3,940
Lime, sandy, hole full water -----	165	2,803	Lime, gray -----	207	4,147
Lime, sandy -----	240	3,043	Lime, dark gray -----	10	4,157
Lime -----	52	3,095	Lime, gray -----	98	4,255
Lime, gray -----	45	3,140	Lime, hard, gray, water-	25	4,280

Well U-86

Owner: The University of Texas. Driller: Buell & Hagen.

Lime, broken -----	80	80	Shale, yellow -----	15	155
Lime, hard, white -----	60	140	Lime, hard -----	60	215

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well U-86--Continued					
Shale, sandy -----	10	225	Lime, anhydrite and potash	15	885
Sand, water -----	90	315	Salt and potash -----	60	945
Shale, yellow -----	30	345	Lime, white -----	105	1,050
Slate, red and sand ----	165	510	Potash, and salt -----	70	1,120
Sand, yellow -----	35	545	Shale, blue -----	10	1,130
Sand, water -----	23	568	Lime, hard, green -----	5	1,135
Rock, red -----	37	605	Anhydrite -----	10	1,145
Lime, sandy -----	20	625	Lime -----	10	1,155
Rock, red -----	45	670	Salt -----	125	1,280
Lime, shells, and shale, green and anhydrite --	135	805	Rock, red and anhydrite-	40	1,320
Rock, red -----	65	870	Sand, broken and anhydrite	12	1,332

Well U-92

Owner: White & Baker. Driller: Walter Abell.

Clay, yellow -----	20	20	Shale, blue -----	5	405
Gravel -----	60	80	Shale, blue and red ----	45	450
Lime -----	20	100	Shale, blue -----	25	475
Gravel -----	10	110	Red beds -----	15	490
Sand and gravel -----	90	200	Sand -----	16	506
Lime -----	5	205	Shale, blue -----	9	515
Sand and gravel -----	60	265	Shale, red -----	5	520
Sand, water -----	85	350	Shale, blue -----	10	530
Shale, blue -----	40	390	Gravel -----	45	575
Sand, red -----	10	400	Rock, red -----	125	700

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well U-92--Continued					
Shale, blue -----	5	705	Salt -----	15	1,540
Rock, red -----	35	740	Anhydrite -----	10	1,550
Anhydrite -----	45	785	Salt -----	10	1,560
Shale, blue and salt ---	35	820	Shale, sandy -----	30	1,590
Shale, blue -----	20	840	Anhydrite, soft -----	10	1,600
Red beds and salt -----	85	925	Shale, blue -----	30	1,630
Red beds -----	5	930	Anhydrite -----	30	1,660
Salt -----	45	975	Red beds -----	10	1,670
Salt and potash -----	125	1,100	Lime, hard -----	5	1,675
Anhydrite and shale ----	35	1,135	Anhydrite -----	130	1,805
Salt -----	155	1,290	Lime and anhydrite ----	70	1,875
Lime -----	15	1,305	Anhydrite -----	55	1,930
Salt -----	10	1,315	Anhydrite and lime ----	45	1,975
Lime, gray -----	15	1,330	Lime and sand -----	15	1,990
Salt -----	25	1,355	Lime and anhydrite ----	20	2,010
Salt and potash -----	75	1,430	Lime and sand -----	35	2,045
Salt -----	30	1,460	Lime -----	10	2,055
Anhydrite -----	30	1,490	Sand, water -----	2	2,057
Lime, gray -----	35	1,525	Lime -----	5	2,062

Well V-3, partial log

Owner: White & Baker Estate. Driller: J. L. Green et al.

Limestone -----	165	165	Shale, yellow -----	25	240
Sand -----	5	170	Sand -----	20	260
Limestone -----	45	215	Limestone -----	5	265

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well V-3--Continued					
Sand -----	25	290	Limestone -----	5	365
Sand, and shale -----	5	295	Shale -----	5	370
Sand -----	45	340	Shale, red -----	20	390
Sand and shale -----	10	350	Total Depth -----		1,940
Sand -----	10	360			

Well V-14

Owner: City of McCamey. Driller: Layne-Texas Co.

Caliche -----	155	155	Sand, red, with little clay mixed -----	57	265
Clay, pink -----	9	164	Clay, red -----	1	266
Clay, white and yellow -	11	175	Clay -----	2	268
Sand, red with some clay mixed -----	28	203	Rock -----	1	269
Sand, pink -----	5	208	Sand -----	3	272

Well V-17

Owner: Cordova Union Land Co. Driller: F. P. Zoch et al.

Soil -----	6	6	Rock, red -----	5	220
Lime, white -----	64	70	Shale, gray, sandy -----	50	270
Sand, water -----	10	80	Lime, gray -----	10	280
Lime, white -----	10	90	Sand, water -----	15	295
Sand and gravel -----	40	130	Lime, white -----	20	315
Sand, water -----	45	175	Shale, blue -----	20	335
Sand, gray -----	15	190	Lime, white -----	5	340
Sand, water -----	10	200	Lime and shells -----	5	345
Shale, blue -----	15	215	Sand, water -----	15	360

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well V-17--Continued					
Shale, sandy -----	20	380	Salt -----	50	590
Rock, red -----	20	400	Mud, red -----	20	610
Red beds -----	10	410	Anhydrite -----	53	663
Rock, red -----	15	425	Salt -----	7	670
Sand, salty water -----	5	430	Mud, red -----	10	680
Lime -----	10	440	Salt -----	40	720
Sand -----	5	445	Lime and shells -----	20	740
Sand, red -----	20	465	Anhydrite -----	14	754
Red beds -----	46	511	Mud, red -----	10	764
Anhydrite -----	21	532	Anhydrite -----	466	1,230
Shale, blue -----	3	535	Lime, brown -----	40	1,270
Red beds -----	1	536	Lime, gray -----	65	1,335
Anhydrite, top salt ----	4	540	Lime, gray, hole full sulphur water -----	33	1,368

Well V-27

Owner: White & Baker Estate. Driller: Douglass Oil Co.

Lime, yellow -----	130	130	Sand, blue -----	10	460
Shale, sandy -----	40	170	Shale, blue -----	50	510
Sand, white, soft -----	20	190	Sand, gray -----	15	525
Sand, brown, hole full water -----	80	270	Rock, red -----	35	560
Shale, sandy -----	50	320	Hole full water -----	15	575
Sand, yellow -----	20	340	Sand, gray -----	25	600
Shale, blue -----	60	400	Rock, red -----	60	660
Rock, red -----	50	450	Sand, light quartz ----	25	685

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well V-27--Continued					
Rock, red -----	65	750	Anhydrite -----	325	1,290
Salt -----	75	825	Anhydrite, some lime, shaly, show gas -----	100	1,390
No record -----	25	850	Lime -----	42	1,432
Lime, potash and shale -	115	965	Sulphur water -----	87	1,519

Well V-47

Owner: Frank Perry. Driller: Transcontinental Oil Co.

Gravel -----	70	70	Lime -----	5	405
Lime, hard, white -----	80	150	Rock, red soft -----	5	410
Gravel, soft, yellow ---	5	155	Rock, red -----	55	465
Lime, hard, white -----	70	225	Shale, soft blue -----	25	490
Lime, hard, yellow -----	25	250	Rock, red soft, hole caving -----	35	525
Slate, soft, yellow ----	10	260	Lime, hard, white -----	15	540
Sand, water, soft, hole full water -----	40	300	Sand, water -----	20	560
Slate, soft, yellow ----	15	315	Shale, soft blue -----	30	590
Sand, water, soft pink, hole full water -----	5	320	Lime, hard, white -----	10	600
Slate, soft, blue -----	5	325	Rock, red, soft, caving-	40	640
Lime, hard, white -----	5	330	Sand, soft yellow, salt water -----	15	655
Sand, water, hole full water -----	40	370	Rock, red soft -----	100	755
Lime, hard, white -----	5	375	Lime, hard, white -----	15	770
Sand, water, hole full water -----	20	395	Salt, potash, soft -----	100	870
Shale, soft blue -----	5	400	Lime, hard, gray -----	10	880
			Lime, hard, white -----	50	930

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well V-47--Continued					
Salt, potash, soft -----	110	1,040	Sand, dark, water -----	43	1,936
Lime, hard, gray -----	40	1,080	Sand, water -----	54	1,990
Salt, potash, soft -----	70	1,150	Lime, white -----	30	2,020
Shale, soft black -----	50	1,200	Lime, sandy, hard, dark-	55	2,075
Salt, potash, soft -----	20	1,220	Lime, sandy -----	20	2,095
Lime, sandy, hard gray -	180	1,400	Lime, sandy, dark, water	70	2,165
Lime, broken, hard -----	5	1,405	Lime, sandy black -----	5	2,170
Lime, hard, gray, gas --	120	1,525	Lime, sandy, white -----	20	2,190
Slate, soft blue -----	5	1,530	Lime, sandy, hard, white, hole full water -----	55	2,245
Lime, hard gray -----	65	1,595	Sand, medium, white ----	20	2,265
Shale, soft blue -----	30	1,625	Lime, sandy medium, white, water -----	35	2,300
Sand, blue, water -----	25	1,650	Lime, sandy, white, hard	130	2,430
Lime, gritty, hard gray-	30	1,680	Sand, medium, water ----	5	2,435
Lime, sandy, hard dry, water -----	30	1,710	Lime, sandy, white -----	185	2,620
Lime, hard, brown -----	15	1,725	Sand, medium, water ----	5	2,625
Lime, gray, dry -----	25	1,750	Lime, sandy, hard, white	25	2,650
Sand, soft, blue-black, sulfur water -----	30	1,780	Lime, sandy, hard -----	25	2,675
Lime, hard gray -----	20	1,800	Sand, white, water -----	5	2,680
Sand, soft brown -----	5	1,805	Lime, white, hard -----	5	2,685
Lime, hard gray, water -	15	1,820	Lime, white -----	5	2,690
Sand, medium white, water	12	1,832	Lime, gray -----	35	2,725
Lime, hard gray -----	8	1,840	Lime and sand, white ---	20	2,745
Sand, medium gray, water	53	1,893	Sand, white, hard, water	5	2,750

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well V-47--Continued					
Lime, gray, hard -----	150	2,900	Shale, black -----	3	3,206
Water -----	35	2,935	Iron and pyrite, hard --	3	3,209
Lime, sandy, gray, hard-	65	3,000	Lime, gray, gritty, hard	26	3,235
Lime, sandy, brown, medium	25	3,025	Iron and pyrite -----	2	3,237
Lime, sandy, black, medium	15	3,040	Lime, gray -----	3	3,240
Lime, dark, hard -----	57	3,097	Lime, sandy, hard, gray-	6	3,246
Lime, gray, sandy -----	23	3,120	Sand, hard, gray, water-	3	3,249
Lime, sandy, brown-gray-	30	3,150	Lime, gray, soft, hole full water -----	3	3,252
Lime, sandy, hard -----	15	3,165	Lime, sandy, gray, hard-	238	3,490
Lime, white -----	5	3,170	Lime, brown, sandy, medium	21	3,511
Lime, brown, sandy, hard	20	3,190	Pyrites and iron -----	14	3,525
Lime, gray, hard -----	10	3,200	Lime, gray, sandy -----	9	3,534
Slate, dark blue, soft -	2	3,202	Crooked hole -----	3	3,537
Lime, gray, sandy -----	1	3,203			

Well W-1

Owner: I. G. Yates Estate. Driller: Crosby Drilling Co.

Sand and gravel -----	60	60	Lime, gray -----	11	445
Lime, gray -----	20	80	Gypsum -----	15	460
Sand, water -----	5	85	Rock, red -----	10	470
Lime, gray -----	110	195	Gypsum -----	64	534
Sand, water -----	30	225	Rock, red -----	15	549
Gypsum -----	30	255	Lime, gray -----	101	650
Sand, water -----	30	285	Rock, red -----	90	740
Gypsum -----	149	434	Anhydrite -----	10	750

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Table 5.--Drillers' logs of wells in Pecos County--Continued.

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well W-1--Continued					
Lime, gray -----	26	776	Anhydrite -----	39	1,007
Lime -----	3	779	Lime, white -----	9	1,016
Rock, red -----	34	813	Rock, red -----	8	1,024
Lime, white -----	72	885	Anhydrite -----	142	1,166
Sand, red -----	16	901	Lime -----	13	1,179
Lime, brown -----	6	907	Shale, blue -----	3	1,182
Shale -----	4	911	Anhydrite -----	193	1,375
Lime -----	8	919	Shale, sandy -----	26	1,401
Sand -----	6	925	Anhydrite -----	65	1,466
Sand, red -----	15	940	Lime -----	64	1,530
Anhydrite -----	22	962	Sand, water -----	47	1,577
Rock, red -----	6	968			

Well W-22

Owner: I. G. Yates Estate. Driller: Ohio Oil Co.

Lime, hard, yellow -----	120	120	Rock, red -----	10	445
Lime, medium, yellow ---	75	195	Shale, blue -----	25	470
Sand, soft, yellow -----	40	235	Sand, gray -----	50	520
Sand, medium, yellow ---	75	310	Lime, brown -----	2	522
Sand, water -----	20	330	Sand and shale -----	9	531
Sand, medium, yellow ---	40	370	Sand, brown -----	5	536
Sand, gray -----	35	405	Lime, brown -----	5	541
Shale, blue -----	30	435	Sand, gray -----	2	543

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well W-34

Owner: I. G. Yates Estate. Driller: Mid-Kansas Oil & Gas Co.

Lime, gray, hard -----	200	200	Rock, red, medium -----	40	565
Sand, yellow, soft -----	60	260	Sand, hard, hole full water -----	10	575
Lime, hard, brown -----	20	280	Mud, blue, soft -----	10	585
Clay, yellow and brown -	45	325	Rock, red, soft -----	10	595
Clay, sandy, soft -----	15	340	Lime, sandy, red, hard -	35	630
Sand, gray -----	10	350	Anhydrite, hard -----	15	645
Mud, blue, soft -----	45	395	Rock, red, soft -----	20	665
Sand, hard, water -----	20	415	Anhydrite, hard -----	40	705
Slate, blue, soft -----	20	435	Rock, red, soft -----	5	710
Lime, gray, hard -----	15	450	Lime, hard, brown -----	5	715
Shale, blue, medium ----	45	495	Anhydrite, hard -----	345	1,060
Sand, hard -----	20	515	Lime, gray and black ---	157	1,217
Lime, hard, gray -----	10	525	Lime, brown -----	134	1,351

Well W-46

Owner: M. A. Smith. Driller: Gulf Production Co.

Lime -----	180	180	Rock, yellow -----	10	530
Sand, yellow and rock --	60	240	Shale, blue -----	35	565
Lime -----	60	300	Sand, water -----	15	580
Lime and sandrock, yellow	55	355	Sand, yellow -----	25	605
Lime -----	95	450	Shale, blue and sand ---	10	615
Rock, yellow -----	50	500	Sand, hole full water --	35	650
Sand, water -----	20	520	Shale, blue, water -----	12	662

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well W-46--Continued					
Rock, red -----	55	717	Salt -----	20	1,055
Shale, blue -----	13	730	Anhydrite -----	5	1,060
Lime and shell -----	4	734	Rock, red and salt -----	15	1,075
Shale, blue -----	6	740	Sand, dry -----	15	1,090
Slate, blue -----	5	745	Anhydrite -----	15	1,105
Lime, sandy -----	7	752	Sand, dry -----	10	1,115
Rock, red -----	13	765	Anhydrite and lime, brown	25	1,140
Lime -----	3	768	Anhydrite -----	150	1,290
Shale, blue -----	27	795	Lime, brown, sandy -----	15	1,305
Lime, hard, sandy -----	29	824	Anhydrite -----	25	1,330
Anhydrite -----	26	850	Anhydrite and lime -----	30	1,360
Rock, red -----	15	865	Anhydrite, sandy -----	58	1,418
Iron and pyrite -----	5	870	Lime, gray and anhydrite	12	1,430
Iron, pyrite and lime --	6	876	Lime, brown, sandy -----	10	1,440
Iron and pyrite -----	5	881	Sand, show of oil and gas	2	1,442
Lime, hard -----	20	901	Lime, brown -----	8	1,450
Rock, red -----	5	906	Sand, brown -----	30	1,480
Sand, coarse-grained ---	8	914	Lime, brown, sandy -----	8	1,488
Anhydrite -----	23	937	Sand, brown -----	29	1,517
Rock, red -----	32	969	Lime -----	5	1,522
Anhydrite and sand -----	29	998	Sand -----	8	1,530
Anhydrite -----	12	1,010	Lime, sandy -----	21	1,551
Salt, pure -----	15	1,025	Lime, brown -----	7	1,558
Shale, blue, sandy -----	10	1,035	Lime, soft -----	15	1,573

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well W-46--Continued					
Lime, hard -----	5	1,578	Lime, broken, brown ----	17	1,682
Lime, brown -----	76	1,654	Lime, soft -----	31	1,713
Lime, medium -----	11	1,665			

Well X-9, partial log

Owner: -- Gray. Driller: Humble Oil & Refining Co.

Cellar -----	10	10	Lime -----	9	485
Lime -----	4	14	Sand, yellow -----	10	495
Lime, gray -----	41	55	Lime, hard, sandy, white	4	499
Lime, yellow -----	7	62	Lime, brown -----	1	500
Lime, brown -----	18	80	Lime, yellow -----	45	545
Lime, yellow -----	58	138	Lime, sandy, gray -----	35	580
Lime, brown -----	4	142	Shale, blue -----	11	591
Lime -----	40	182	Slate, white -----	14	605
Lime, gray -----	2	184	Lime, gray -----	5	610
Shale, blue -----	1	185	Lime, yellow -----	21	631
Lime, gray -----	45	230	Sand, red -----	9	640
Lime, yellow -----	30	260	Rock, red -----	15	655
Lime, gray -----	125	385	Rock, red, sandy -----	30	685
Lime, shale and shells -	25	410	Sand, red -----	40	725
Lime, gray -----	5	415	Rock, red, and shells --	95	820
Shale, blue -----	10	425	Rock, red, anhydrite ---	17	837
Lime -----	10	435	Rock, red, and shells --	45	882
Shale, black -----	20	455	Rock, red -----	68	950
Lime -----	10	465	Anhydrite, gray -----	65	1,015
Shale, brown -----	11	476	Total Depth -----		6,238

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Y-7					
Owner: M. R. Kennedy. Driller: Humble Oil & Refining Co.					
Surface sand and shells-	158	158	Lime, shale streaks of anhydrite -----	45	3,035
Red beds and shells ----	217	375	Lime, anhydrite and streaks of shale ----	46	3,081
Red beds -----	33	408	Anhydrite, broken, shale and lime -----	57	3,138
Red beds and shells ----	430	838	Lime and anhydrite ----	68	3,206
Lime, gray and anhydrite	81	919	Salt, streaks of shale -	36	3,242
Lime and anhydrite ----	206	1,125	Anhydrite, broken, and lime -----	43	3,285
Anhydrite and shale ----	35	1,160	Lime, broken, anhydrite and shale -----	35	3,320
Lime, anhydrite and sand	80	1,240	Anhydrite and lime ----	228	3,548
Lime and anhydrite ----	565	1,805	Lime -----	36	3,584
Anhydrite -----	85	1,890	Lime and anhydrite ----	911	4,495
Anhydrite and lime ----	47	1,937	Lime, black -----	4	4,499
Anhydrite -----	376	2,313	Shale -----	7	4,506
Lime and anhydrite ----	72	2,385	Lime, black -----	5	4,511
Anhydrite -----	45	2,430	Lime and shale -----	25	4,536
Lime and anhydrite ----	78	2,508	Shale, black and lime --	9	4,545
Anhydrite and gypsum ---	41	2,549	Shell, black and lime --	21	4,566
Lime and anhydrite ----	67	2,616	Lime, black and shale --	44	4,610
Lime, sandy -----	4	2,620	Lime, black, sand and shale -----	11	4,621
Shale and anhydrite ----	40	2,660	Lime, black and shale --	56	4,677
Lime, sandy, and salt --	69	2,729	Lime and sand -----	8	4,685
Salt, lime streaks of anhydrite -----	134	2,863			
Salt, shale and anhydrite	127	2,990			

Table 5.--Drillers' logs of wells in Pecos County--Continued

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

Owner: M. R. Kennedy. Driller: Sullivan and James.

Clay, red -----	517	517	Sand, water-bearing ----	49	566
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Well Z-13

Owner: Chandler Co. Driller: S. H. Parker.

Topsoil -----	10	10	Lime, yellow -----	10	340
Caliche -----	20	30	Lime, gray -----	7	347
Caliche and gravel ----	20	50	Shale, yellow and lime -	10	357
Lime, yellow -----	15	65	Lime, gray -----	13	370
Lime, yellow, gravel and shale -----	30	95	Lime, gray, shaly ----	5	375
Lime, white -----	5	100	Lime, yellow -----	15	390
Lime, yellow -----	9	109	No record -----	5	395
Lime, white, shaly ----	26	135	Lime, yellow -----	5	400
Lime, yellow -----	5	140	Quartz, lime and gypsum-	5	405
Shale, white, limy ----	15	155	Lime, yellow -----	20	425
Bentonite, blue -----	20	175	Lime, yellow and gray --	5	430
Lime, yellow -----	65	240	Lime, yellow -----	20	450
Lime, gray -----	5	245	Lime, gray -----	7	457
Lime, yellow and gray --	10	255	Shale, gray -----	3	460
Lime, yellow -----	22	277	Lime, gray, shaly ----	5	465
Lime, gray -----	30	307	Shale, blue and lime shells -----	15	480
Lime, yellow and gray --	5	312	Shale, blue -----	13	493
Lime, gray -----	18	330	Shale, blue and lime shells -----	7	500

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Z-23					
Owner: Chandler Co. Driller: S. H. Parker.					
Topsoil -----	15	15	Shale -----	7	317
Shale and gravel -----	10	25	Lime, gray, and yellow shale -----	13	330
Caliche and gravel -----	25	50	Lime, hard, gray and yellow -----	5	335
Lime and gravel -----	35	85	Lime, yellow -----	4	339
Lime and shale -----	85	170	Crevice (no sample) ----	6	345
Shale, gray and lime ---	35	205	Lime, hard, yellow and gray -----	22	367
Lime, yellow and gray, shale, yellow, water -	5	210	Sand and gravel -----	8	375
Lime, yellow -----	3	213	Sand, hard, gray -----	10	385
Lime, gray and yellow, and shale -----	17	230	Lime, hard, broken, gray and yellow -----	15	400
Shale, gray -----	5	235	Sand, yellow, water ----	70	470
Shale, gray and lime ---	5	240	Shale, gray -----	2	472
Lime, gray and shale ---	10	250	Sand, hard, gray -----	8	480
Lime, gray and yellow and shale -----	15	265	Shale, white -----	12	492
Lime, yellow -----	5	270	Shale, red, lime and sand, hard -----	13	505
Lime, yellow and shale and lime, gray -----	5	275	Shale, gray and red ----	5	510
Crevice, lime, soft yellow and lime white, and shale, yellow ----	35	310	Rock, red -----	9	519

Well Z-35

Owner: Chandler Co. Driller: S. H. Parker.

Soil -----	9	9	Rock -----	9	33
Clay -----	15	24	Clay, hard and shale ---	17	50

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Z-35--Continued					
Lime and rock -----	21	71	Lime, sandy and shale --	4	280
Rock, hard -----	4	75	Clay, yellow -----	3	283
Lime -----	15	90	Shale, blue, and boulders	15	298
Gravel and sand -----	10	100	Sand and gravel -----	21	319
Shale, blue -----	5	105	Shale, sandy and boulders	12	331
Shale, blue and yellow -	5	110	Lime -----	9	340
Lime, yellow -----	23	133	Shale, blue -----	4	344
Lime -----	7	140	Rock, red, shale and sand	17	361
Boulders, blue -----	14	154	Sand, gravel and boulders	21	382
Lime, gray, hard -----	20	174	Sand, gravel and shale -	3	385
Lime -----	36	210	Shale, pink -----	20	405
Lime, gray -----	6	216	Shale, white -----	6	411
Lime -----	2	218	Lime, gray -----	6	417
Sand and gravel -----	10	228	Lime, yellow and shale -	7	424
Gravel, sand and shale -	7	235	Lime, hard, yellow, sandy	10	434
Gravel and sand, white -	10	245	Sand, hard, crevice ----	4	438
Lime, gray -----	3	248	Lime -----	16	454
Lime and sand -----	4	252	Cavities (sulfur water)-	5	459
Sand and gravel, water -	11	263	Lime, hard -----	6	465
Shale, sandy -----	2	265	Lime, hard, sandy -----	2	467
Lime, gray -----	3	268	Lime, gray -----	7	474
No record -----	8	276	Lime, gray, shaly -----	9	483

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well Z-55

Owner: L. P. Williams. Driller: A. N. Yockey.

Soil -----	4	4	Lime, blue, yellow and white -----	378	547
Caliche -----	26	30	Sand, gray, water -----	20	567
Lime, white -----	35	65	Shale, blue -----	3	570
Lime, yellow -----	15	80	Sand, blue and yellow, and gravel -----	27	597
Lime, white -----	25	105			
Lime, yellow -----	64	169			

Well Z-59

Owner: -- Harrison. Driller: Pure Oil Co.

Limestone -----	130	130	Lime, anhydrite and thin beds of red sandy shale	55	790
Lime, white and yellow and shale -----	20	150	Lime, brown and gray, some sand and red and gray shale, water 840-842 ft. -----	350	1,140
Limestone, gray and white, sand and sandy shale -	15	165	Shale, sandy, gray and brown lime and gypsum-	8	1,148
Shale, red, sandy -----	200	365	Anhydrite and gypsum, sulfur water 1,275 ft.	257	1,405
Shale, red, anhydrite and gypsum -----	210	575	Lime and anhydrite, sulfur water 3,262-3,264 ft. -----	2,860	4,265
Shale, red, sandy and gray sand -----	5	580	Shale, black and shaly black lime -----	735	5,000
Anhydrite and red shale-	100	680			
Anhydrite and gypsum ---	35	715			
Anhydrite, white and gray	20	735			

Well Z-70, partial log

Owner: -- Alvis. Driller: Penn Oil Co.

Lime -----	120	120	Lime, gray -----	10	130
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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well Z-70--Continued					
Shale, blue -----	30	160	Lime, hard -----	15	875
Shells, dark and lime --	70	230	Lime, gray, gypsum and shale -----	30	905
Lime, shells and shale, yellow -----	40	270	Lime, gray, show of gas-	5	910
Lime, hard -----	30	300	Lime, gray -----	15	925
Lime -----	30	330	Shale, blue -----	35	960
Mud, yellow -----	10	340	Shale, red -----	115	1,075
Sand, yellow, little water	40	380	Shale, red, sandy -----	70	1,145
Lime, gray, sandy -----	30	410	Shale, red -----	87	1,232
Lime -----	10	420	Shale, red, sandy -----	63	1,295
Sand, hard, sharp -----	15	435	Shale, sandy, blue -----	100	1,395
Sand, water -----	20	455	Sand, water -----	75	1,470
Shale, gray -----	10	465	<i>P. terrey ls</i> Lime, dark, hard -----	25	1,495
Red beds -----	25	490	Lime, hard -----	50	1,545
Lime, gray -----	10	500	Lime, gray -----	140	1,685
Sand, water -----	10	510	Lime, brown -----	65	1,750
Shale, red -----	5	515	Shale, brown and lime --	15	1,765
Sand, red, hole full water	5	520	Shale, blue -----	7	1,772
Lime, brown, sandy -----	20	540	Shale and lime -----	8	1,780
Rock and gypsum -----	20	560	Lime -----	70	1,850
Shale, gray -----	20	580	Lime and shale -----	12	1,862
Rock, red -----	10	590	Lime -----	48	1,910
Shale, gray -----	260	850	Lime, soft -----	40	1,950
Rock and gypsum -----	5	855	Lime and anhydrite -----	5	1,955
Lime and shale, little gas	5	860	Lime -----	50	2,005

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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well Z-70--Continued					
Lime, sandy, sand, water	30	2,035	Sand, water -----	20	2,956
Lime -----	378	2,413	Lime and shale -----	37	2,993
Sand -----	11	2,424	Lime, gray -----	33	3,026
Lime and shale -----	12	2,436	Lime -----	26	3,052
Shale, blue -----	4	2,440	Lime, white -----	93	3,145
Sand, gray -----	25	2,465	Lime, gray -----	101	3,246
Lime and anhydrite -----	15	2,480	Anhydrite -----	10	3,256
Lime -----	15	2,495	Anhydrite and lime -----	10	3,266
Shale, lime and sand ---	16	2,511	Lime -----	177	3,443
Shale, sandy -----	10	2,521	Lime, very fine -----	3	3,446
Lime, gray -----	75	2,596	Lime -----	14	3,460
Lime, dark gray -----	49	2,645	Lime, very hard -----	14	3,474
Lime, soft gray, sandy, water -----	5	2,650	Lime, gray and hard ----	11	3,485
Lime, gray -----	227	2,877	Lime -----	20	3,505
Shale, black -----	13	2,890	Lime, brown -----	35	3,540
Sand, water -----	16	2,906	Lime -----	20	3,560
Lime, gray -----	24	2,930	Lime, dark -----	25	3,585
Lime, sandy, gray -----	6	2,936	Lime -----	12	3,597
			Total Depth -----		3,925

Well Z-79

Owner: A. F. Buchanan. Driller: --

No record -----	155	155	Limestone, some finely crystalline, sandy lime- stone, trace of chert-	27	202
Limestone, white to buff, oölitic to finely crystal- line -----	20	175			

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Z-79--Continued					
Limestone, fine sandy, light-gray -----	10	212	Limestone, light-gray, finely crystalline to lithographic, pyritic abundant calcite -----	5	372
Limestone, sandy, medium- gray, 90 percent shale, black 10 percent -----	15	227	Limestone, light-gray and buff, finely crystalline to lithographic, and calcite -----	19	391
Limestone, sandy, argil- laceous, light-gray --	20	247	Limestone, cream, some argillaceous, some calcite -----	21	412
Limestone, fossiliferous, cream -----	23	270	Limestone, light-gray, argillaceous -----	23	435
Limestone, oölitic, sandy, gray -----	10	280	No record -----	10	445
Limestone, fossiliferous, gray -----	8	288	Limestone, gray, argil- laceous, silty -----	8	453
Limestone, light-gray --	12	300	No record -----	7	460
No record -----	5	305	Limestone, light-gray, argillaceous, trace of shale, black -----	8	468
Limestone, light-gray to cream -----	5	310	Limestone, light-gray, argillaceous trace of shale, gray -----	7	475
Limestone, light-gray, and calcite crystals -	5	315	Limestone, gray, argil- laceous -----	8	483
Limestone, argillaceous, light-gray -----	19	334	Limestone, light-gray, argillaceous, pyritic --	18	501
Limestone, light to medium gray -----	6	340	No record -----	6	354
Limestone, light-gray, stylolitic, pyritic --	8	348	Limestone, light-gray, finely crystalline to lithographic, trace of clay, yellow -----	13	367
Limestone, light-gray, finely crystalline to lithographic, trace of clay, yellow -----	13	367	Limestone, gray, argil- laceous, pyritic, fossiliferous 60 per- cent, shale, gray, calcareous, pyritic --	7	508

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Well Z-79--Continued					
Limestone, gray, argil- laceous to finely crystalline, free pyrite 80 percent, shale 20 percent -----	8	516	Limestone, gray, silty, argillaceous 80 percent, shale, dark-gray, pyritic 20 percent -----	26	613
No record -----	6	522	Limestone, light-gray, silty pyritic -----	12	625
Shale, dark-gray, clean to gritty 80 percent, limestone, gray, argil- laceous, fossiliferous, abundant pyrite -----	6	528	Limestone, light-gray --	7	632
Shale, dark-gray to black, gravel, fossiliferous-	5	533	No record -----	8	640
Limestone, light-gray, lithographic -----	7	540	Limestone, gray, fossilif- erous -----	10	650
Limestone, gray 50 per- cent, shale, dark- gray 50 percent -----	2	542	No record -----	5	655
Limestone, gray 60 percent, shale, dark-gray, cal- careous, sandy 40 per- cent -----	6	548	Limestone, gray, mottled, fossiliferous -----	8	663
Limestone, gray, sandy 80 percent, shale, dark- gray, calcareous, sandy, pyritic 40 percent ---	5	553	Limestone, gray, crystal- line to argillaceous, fossiliferous -----	22	685
Limestone, gray, sandy 70 percent, shale, dark- gray, calcareous sandy, pyritic 30 percent ---	12	565	Limestone, gray, sandy -	6	691
Shale, dark-gray, clean to sandy -----	9	574	Sand, yellow to white fine to medium-grained	17	708
No record -----	6	580	Sand, yellow to white, fine to medium-grained 70 percent, shale dark- gray 30 percent -----	7	715
Limestone, light-gray, mottled, fossiliferous	7	587	Dolomite, light-gray ---	10	725
			Dolomite, light-gray 40 percent, sand, fine to medium-grained 60 per- cent, trace of calcite and pyrite -----	10	735
			Sand, white, fine-grained, pyritic and calcareous	6	741
			Sand, white, fine-grained 70 percent, shale, dark- gray -----	8	749

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Z-79--Continued					
No record -----	12	761	No record -----	25	835
Sand, white, calcareous, pyritic 40 percent, shale, dark-gray, fissile 20 percent, clay white, sandy, pyritic 40 per- cent -----	20	781	Sand, light-gray, very fine-grained, calcareous 90 percent, shale, dark- gray, fissile 10 percent, trace of pyrite, trace of large quartz grains	5	840
Sand, white to medium- grained unconsolidated	9	790	Sand, light-gray, very fine-grained 80 per- cent, clay, red mottled	6	846
No record -----	16	806			
Sand, white, medium-grained 80 percent, clay, sandy 10 percent, shale dark- gray, fissile 10 percent	4	810			

Well Z-80

Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.

Lime, hard and rock ----	79	79	Lime, hard blue with white streaks -----	108	534
Gravel, lime, hard and crystals -----	18	97	Lime, hard, gray, and gray shale streaks ---	41	575
Limerock, hard, yellow and white -----	17	114	Lime, hard blue and sand, water -----	59	634
Gravel, lime and shale -	44	158	Lime, hard gray and sand	63	697
Lime, hard with light streaks of shale -----	45	203	Sand, hard and gray shale -----	58	755
Rock, white, limy and flint, yellow and white	24	227	Sand, gray and brown, streaks of lime and crystals -----	67	822
Rock, white limy, and shells -----	72	299	Sand, hard gray, with streaks of lime and shale, black and red -	55	877
Limerock, gray and white, crystals -----	73	372			
Lime, hard -----	54	426			

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well Z-80--Continued					
Shale, red, streaks sand, hard and lime --	80	957	Lime, gray, sand streaks, red and black shale --	111	1,825
Shale, red and black, lime, and sand streaks -----	63	1,020	Lime, gray, and streaks of sand -----	69	1,894
Shale, red with hard streaks, lime and sand	74	1,094	Lime, hard, dark-gray, streaks of shale, gray	42	1,936
Shale, red and gray, streaks of hard sand -	60	1,154	Lime, hard, gray -----	39	1,975
Shale, red, black shale and lime -----	45	1,199	Lime and sandy lime, hard, dark-gray -----	29	2,004
Shale, red, streaks black shale and lime and sand -----	65	1,264	Lime, hard, dolomite, gray and white -----	25	2,029
Shale, red, anhydrite, streaks of sand and lime -----	73	1,337	Lime, hard and dolomite-	21	2,050
Lime, sand, streaks of anhydrite, dolomite, and shale -----	97	1,434	Lime, dolomite, shale, gray limy and red shale	45	2,095
Lime, hard, gray, lime, blue, sandy, sand with light streaks of red shale -----	62	1,496	Lime and dolomite -----	20	2,115
Lime, gray, hard, streaks of anhydrite -----	33	1,529	Lime, hard gray and dolomite, streaks of shale, blue and red --	53	2,168
Lime, streaks, anhydrite, black and brown shale-	83	1,612	Dolomite, light streaks of lime and shale, green -----	34	2,202
Lime, hard, gray, sand, lime, and sand, soft white -----	52	1,664	Dolomite, lime, shale, red and green -----	33	2,235
Lime, gray, streaks of brown shale, anhydrite and sand -----	50	1,714	Lime, dolomite, streaks of shale red and green	38	2,273
			Shale, gray and red and dolomite -----	41	2,314
			Lime, gray sandy, and shale streaks -----	68	2,382
			Lime, gray, dolomite streaks, and green shale	43	2,425
			Lime, gray, and dolomite	34	2,459

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well Z-81					
Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.					
Cellar -----	5	5	Shale, red -----	69	726
Lime, gray -----	60	65	Rock, red -----	114	840
Caliche -----	15	80	Rock, red and shale ----	45	885
Lime, gray -----	35	115	Lime, gray -----	10	895
Lime, gray, and shale breaks -----	35	150	Shale, red -----	20	915
Lime, gray -----	20	170	Lime, gray -----	10	925
Lime, broken and shale -	20	190	Lime, sandy -----	5	930
Lime, yellow -----	30	220	Shale, blue sandy -----	15	945
Lime, soft gray -----	5	225	Lime, gray, and shale --	25	970
Lime, gray -----	120	345	Shale, blue sandy -----	40	1,010
Shale, yellow -----	25	370	Shale, gray sandy -----	155	1,165
Shale, blue -----	11	381	Lime, gray -----	70	1,235
Shale, sandy, yellow ----	29	410	Lime, gray and brown ---	25	1,260
Lime, gray, sandy -----	14	424	Lime, gray -----	330	1,590
Sand, yellow -----	6	430	Sand, brown -----	10	1,600
Sand -----	7	437	Sand, water -----	5	1,605
Lime, yellow, sandy ----	38	475	Sand -----	38	1,643
Lime, gray, sandy -----	20	495	Lime, gray, hard -----	6	1,649
Rock, red -----	10	505	Lime -----	6	1,655
Shale, blue -----	95	600	Lime, gray -----	40	1,695
Shale, red -----	15	615	Lime, brown -----	5	1,700
Shale, blue -----	42	657	Lime, gray -----	10	1,710

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well AA-6

Owner: Bill Wills. Driller: R. T. Mullican

Surface -----	10	10	Lime, broken, sandy, and some gypsum -----	37	477
K Caliche -----	40	50	Shale, red -----	10	487
Clay, gray -----	15	65	Shale, red and gray ----	63	550
Lime, gray, broken ----	125	190	Lime and broken shale --	35	585
Sand, gray -----	60	250	<i>Tz/Permi</i> Shale, blue -----	15	600
Shale, blue, sandy ----	15	265	Shale, red -----	90	690
Fin. Shale, blue -----	5	270	Sand, hard -----	50	740
Shale, gray, hard ----	30	300	Red beds, sandrock, shale, and gypsum ----	569	1,309
Shale, blue -----	10	310	Lime, gray, hard ----	7	1,316
Shale, red -----	5	315	<i>Permian Rustler</i> Lime, broken, anhydrite, gypsum, and small amount of dolomite ---	237	1,553
Lime, hard -----	125	440			

Well AA-12, partial log

Owner: Dow Puckett. Driller: Permian Drilling Co.

Caliche -----	10	10	Shale -----	8	118
Lime, hard -----	20	30	Lime -----	37	155
Lime, shelly, and shale streaks -----	20	50	Anhydrite -----	15	170
Lime -----	33	83	Lime -----	30	200
Shale and lime shells --	1	84	Sand, yellow -----	15	215
Lime -----	26	110	Total Depth -----		410

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well AA-35, partial log

Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.

Limerock -----	20	20	Sand, gray and brown, hard -----	54	514
Limerock, brown and gray	49	69	Lime, gray, hard, sandy, and streaks of anhy- drite -----	113	627
Lime, gray and brown ---	158	227	Lime, gray, sandy, and sticky shale -----	92	719
Shale, black -----	63	290	Lime, gray, hard, sandy, with gray and red shale streaks, and anhydrite streaks -----	54	773
Lime, gray, and dolomite	55	345	Red beds -----	22	795
Lime, gray, dark -----	40	385	Shale, red, and lime streaks -----	72	867
Sand, brown, and lime --	15	400	Total Depth -----		1,922
Sand, white, hard -----	10	410			
Sand, gray and brown hard, and streaks of dolomite -----	50	460			

Well AA-36

Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.

Cellar -----	4	4	Lime, brown -----	14	340
Limerock -----	17	21	Lime, yellow -----	17	357
Lime -----	159	180	Lime, gray -----	59	416
Lime, gray -----	35	215	Lime, hard, sharp -----	9	425
Dolomite -----	37	252	Lime, sandy -----	5	430
Lime and shale -----	18	270	Sand, red -----	35	465
Lime, brown -----	10	280	Sand -----	40	505
Lime -----	5	285	Sand, hard -----	17	522
Lime, yellow -----	25	310	Sand -----	8	530
Lime -----	16	326	Shale, blue -----	10	540

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well AA-36--Continued					
Lime, sandy -----	5	545	Lime, gray and brown ---	15	1,330
Shale, sandy -----	65	610	Lime, gray, hard -----	10	1,340
Lime, gray -----	10	620	Lime, gray -----	93	1,433
Lime, gray, and shale --	32	652	Lime, gray, sandy -----	17	1,450
Lime, gray, sandy, and shale -----	35	687	Shale, gray, and broken, gray lime -----	7	1,457
Shale, sandy -----	63	750	Lime, gray -----	8	1,465
Sand, yellow, and water-	9	759	Shale and gray lime ----	5	1,470
Lime, brown and gray ---	16	775	Lime, gray -----	40	1,510
Lime, gray -----	25	800	Lime, gray, and shale --	10	1,520
Lime, brown -----	50	850	Shale, gray -----	15	1,535
Lime, gray -----	56	906	Lime, gray -----	35	1,570
Lime, white, hard -----	18	924	Lime, gray, and sandy shale -----	15	1,585
Lime, gray -----	176	1,100	Lime, gray -----	8	1,593
Lime, gray and brown ---	5	1,105	Conglomerate and blue, green and brown shale-	7	1,600
Lime, gray -----	35	1,140	Lime, brown -----	7	1,607
Lime, gray and brown ---	15	1,155	Lime, gray -----	23	1,630
Lime, gray -----	35	1,190	Lime, brown -----	10	1,640
Lime, gray and brown ---	65	1,255	Lime, gray -----	35	1,675
Lime, gray -----	15	1,270	Lime, sandy -----	10	1,685
Lime, gray and brown ---	30	1,300	Red beds -----	5	1,690
Lime, brown -----	15	1,315			

Well AA-38

Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.

No record -----	130	130	Caliche -----	25	155
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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well AA-38--Continued					
Caliche, lime, and gravel	20	175	Sand -----	15	645
Caliche -----	20	195	Lime, gray -----	12	657
Lime -----	20	215	Sand, gray -----	8	665
Lime, yellow -----	35	250	Sand and water -----	15	680
Lime, yellow, sandy ----	60	310	Sand -----	21	701
Lime, white -----	25	335	Shale, gray -----	16	717
Lime -----	38	373	Lime, gray -----	4	723
Lime, gray -----	7	380	Shale, sandy -----	37	760
Lime -----	25	405	Rock, red -----	40	800
Lime, gray -----	20	425	Lime, sandy -----	20	820
Lime, blue -----	20	445	Shale -----	25	845
Lime, sandy -----	15	460	Lime -----	5	850
Shale and lime -----	30	490	Shale, blue -----	15	865
Gravel -----	15	505	Shale and shells -----	15	880
Lime, shale, and gravel-	15	520	Lime shells and shale breaks -----	15	895
Lime -----	10	530	Shale, blue -----	6	901
Lime, gray -----	15	545	Shale and shells -----	59	960
Lime -----	5	550	Lime, hard, sandy -----	10	970
Lime, gray -----	20	570	Shale, sandy, and lime shells -----	10	980
Lime -----	10	580	Lime -----	20	1,000
Sand -----	7	587	Lime, sandy -----	10	1,010
Lime, gray -----	16	603	Lime -----	20	1,030
Sand -----	22	625	Lime, gray -----	15	1,045
Lime -----	5	630			

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well AA-38--Continued					
Lime -----	10	1,055	Lime -----	107	1,472
Lime, sandy -----	10	1,065	Shale, green -----	13	1,485
Lime -----	45	1,110	Lime and shale breaks --	20	1,505
Shale and lime -----	20	1,130	Lime and shale -----	20	1,525
Lime -----	75	1,205	Lime, gray -----	10	1,535
Sand and water -----	5	1,210	Lime and shale -----	10	1,545
Lime -----	140	1,350	Lime, sandy -----	10	1,555
Lime, brown -----	15	1,365	Lime -----	11	1,566

Well AA-44

Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.

Caliche -----	15	15	Lime, gray, and shale --	10	357
Gravel and lime -----	37	52	Lime, yellow -----	3	360
Lime, yellow -----	15	67	Lime and blue shale ----	23	383
Lime, yellow and gray --	28	95	Lime, yellow -----	7	390
Lime, yellow, and clay -	25	120	Lime, gray -----	15	405
Lime -----	35	155	Lime, broken -----	11	416
Lime, gray -----	35	190	Lime, yellow -----	5	421
Lime, yellow -----	20	210	Lime, gray, and gypsum -	4	425
Lime, yellow and gray --	25	235	Lime, gray and blue ----	95	520
Caliche and lime -----	8	243	Lime, gray -----	17	537
Lime, yellow and gray --	29	272	Sand, gray -----	13	550
Lime, gray -----	28	300	Sand, hard -----	85	635
Lime, yellow -----	35	335	Shale, gray, sandy ----	20	655
Lime shells, broken ----	12	347	Sand and shale -----	8	663

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well AA-44--Continued					
Shale, red -----	17	680	Sand, hard -----	5	1,140
Rock, red, and shale ---	60	740	Sand, gray -----	15	1,155
Rock, red -----	10	750	Lime, gray -----	15	1,170
Rock, red, and gray lime	50	800	Sand, gray -----	15	1,185
Rock, red -----	20	820	Lime, gray -----	35	1,220
Shale, red, and lime ---	45	865	Shale, gray, and lime --	110	1,330
Shale, gray -----	10	875	Sand, gray -----	5	1,335
Shale, gray, sandy -----	10	885	Lime and sand -----	30	1,365
Lime, gray, sandy -----	55	940	Lime, gray -----	15	1,380
Lime, broken -----	37	977	Lime, gray and brown ---	115	1,495
Lime, gray -----	158	1,135	Lime, gray -----	6	1,501

Well AA-45

Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.

Cellar -----	5	5	Lime, yellow -----	25	290
Caliche -----	10	15	Lime, gray -----	82	372
Gravel -----	25	40	Lime, sandy -----	5	377
Caliche -----	10	50	Lime, broken -----	13	390
Gravel -----	65	115	Lime, sandy, and shale -	30	420
Gravel and caliche -----	35	150	Lime, yellow -----	50	470
Gravel -----	10	160	Sand, yellow -----	5	475
Caliche and lime -----	10	170	Sand and water -----	5	480
Lime -----	20	190	Lime, broken -----	15	495
Clay, yellow, sandy -----	40	230	Sand and water -----	5	500
Caliche and lime -----	35	265	Lime, broken -----	10	510

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well AA-45--Continued					
Shale, blue -----	15	525	Sand and gravel -----	7	745
Sand, gray, and water --	10	535	Gravel, sandy -----	25	770
Lime, gray -----	10	545	Shale, gray, and lime shells -----	30	800
Sand, gray -----	40	585	Shale and lime shells --	20	820
Sand -----	35	620	Lime, gray -----	10	830
Lime, black, and shale breaks -----	15	635	Lime, sandy -----	30	860
Sand and salt -----	15	650	Lime, gray -----	130	990
Lime, sandy -----	10	660	Lime, gray, sandy -----	25	1,015
Shale, sandy -----	20	680	Lime, gray -----	95	1,110
Shale, gray -----	14	694	Lime, brown -----	15	1,125
Lime -----	13	707	Lime, gray -----	135	1,260
Sand -----	13	720	Lime, white -----	15	1,275
Lime, gray -----	15	735	Lime, sandy -----	20	1,295
Lime, sandy -----	3	738	Lime, gray -----	31	1,326

Well BB-27

Owner: -- Scharbauer. Driller: Southern Crude Oil Co.

Lime, brown -----	180	180	Sand, brown -----	50	525
Lime, gray -----	75	255	Shale, gray -----	15	540
Lime, yellow -----	50	305	Lime, gray -----	35	575
Lime, white -----	50	355	Sand, red -----	55	630
Missing -----	8	363	Red beds -----	30	660
Lime, brown -----	72	435	Red beds and lime shells	160	820
Sand, red -----	40	475	Red beds -----	40	860

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well BB-27--Continued					
Red beds and lime shells	35	895	Lime, brown -----	31	1,295
Lime, gray -----	65	960	Shale, blue -----	8	1,303
Lime, pink -----	30	990	Lime, broken, and water-	39	1,342
Sand, white -----	5	995	Lime, white -----	28	1,370
Lime, blue, sandy -----	7	1,002	Lime and anhydrite ----	95	1,465
Lime, blue, hard -----	33	1,035	Lime, extra hard, broken	30	1,495
Lime, blue -----	25	1,060	Lime, gray -----	95	1,590
Lime, broken -----	8	1,068	Lime, dark -----	12	1,602
Red beds -----	4	1,072	Lime, broken -----	38	1,640
Lime -----	8	1,080	Lime, gray, soft -----	45	1,685
Red beds -----	15	1,095	Lime shell and gray shale	36	1,721
Lime, gray -----	10	1,105	Lime -----	17	1,738
Shale, white -----	5	1,110	Shale, gray -----	12	1,750
Lime, gray -----	10	1,120	Lime shell -----	10	1,760
Lime, gray, and anhydrite	35	1,155	Red beds -----	15	1,775
Lime, gray -----	25	1,180	Lime, red -----	85	1,860
Red beds -----	3	1,183	Red beds -----	10	1,870
Lime -----	2	1,185	Lime -----	5	1,875
Lime and anhydrite ----	30	1,215	Lime, red -----	35	1,910
Red beds -----	7	1,222	Lime, white, hard -----	10	1,920
Lime and anhydrite ----	11	1,233	Lime, broken -----	75	1,995
Red beds -----	9	1,242	Lime, very hard, broken-	35	2,030
Lime, brown -----	20	1,262	Lime, broken -----	25	2,055
Shale, blue -----	2	1,264	Red beds -----	1	2,056

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well BB-27--Continued					
Lime, broken -----	49	2,105	Sand and water -----	5	2,520
Sand, broken -----	8	2,113	Lime -----	55	2,575
Lime, shell and red and gray shale -----	23	2,136	Sand and salty water ---	5	2,580
Lime, broken -----	9	2,145	Lime -----	135	2,715
Shale, broken -----	3	2,148	Sand -----	7	2,722
Lime shell and red shale	22	2,170	Lime -----	78	2,800
Lime, gray -----	30	2,200	Lime, gray -----	60	2,860
Shale, gray -----	3	2,203	Lime -----	26	2,886
Lime, gray -----	47	2,250	Lime, broken -----	7	2,893
Lime, pink -----	35	2,285	Lime, hard -----	7	2,900
Lime, white -----	15	2,300	Lime, broken -----	6	2,906
Lime, blue and little sand -----	10	2,310	Lime, hard -----	25	2,931
Lime, blue -----	10	2,320	Lime, gray, hard -----	9	2,940
Lime, white -----	18	2,338	Lime -----	10	2,950
Lime, broken -----	6	2,344	Lime, hard, broken ----	8	2,958
Lime, gray -----	6	2,350	Lime, gray, hard -----	6	2,964
Lime, white -----	40	2,390	Lime, broken, mixed ----	40	3,004
Shale, green -----	2	2,392	Lime, gray, hard -----	11	3,015
Lime, white -----	33	2,425	Lime, blue, hard -----	5	3,020
Lime and broken lime ---	51	2,476	Lime, gray, mixed -----	65	3,085
Shale, blue -----	3	2,479	Lime, hard, broken ----	25	3,110
Lime, gray -----	28	2,507	Lime, blue, hard -----	10	3,120
Lime -----	8	2,515	Lime, gray, sharp -----	15	3,135
			Lime, gray, hard -----	11	3,146

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well BB-27--Continued					
Lime, soft, broken -----	14	3,160	Lime, hard, broken -----	30	3,365
Lime, gray -----	5	3,165	Lime, gray, hard -----	5	3,370
Lime, gray, hard -----	10	3,175	Lime, gray, soft -----	6	3,376
Sand and water -----	25	3,200	Lime, hard, broken -----	309	3,685
Sand, soft, sharp -----	15	3,215	Lime, broken -----	174	3,859
Lime, gray -----	25	3,240	Shale, blue -----	7	3,866
Lime, soft -----	13	3,253	Lime -----	290	4,156
Lime, gray -----	20	3,273	Lime, broken -----	14	4,170
Lime, chalky -----	17	3,290	Lime -----	10	4,180
Lime, broken -----	23	3,313	Lime, broken -----	10	4,190
Lime, gray -----	10	3,323	Lime -----	42	4,232
Lime, broken -----	12	3,335			

Well CC-14

Owner: J. L. Nutt. Driller: Phillips Petroleum Co.

Cellar -----	12	12	Lime, blue, hard -----	8	150
Gravel -----	8	20	Clay, yellow, soft -----	10	160
Lime -----	5	25	Shale, blue -----	12	172
Gravel -----	5	30	Lime -----	8	180
Lime -----	10	40	Lime, white -----	30	210
Lime, gray, hard -----	40	80	Lime, white, hard -----	5	215
Lime, white, hard -----	28	108	Shale, yellow, soft -----	3	218
Shale, blue -----	7	115	Lime, yellow -----	42	260
Lime, gray, hard -----	10	125	Lime, white -----	17	277
Shale, blue -----	17	142	Lime, blue -----	8	285

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well CC-14--Continued					
Lime, white, hard -----	45	330	Shale, blue, soft -----	10	725
Lime, yellow, hard -----	15	345	Sand, gray -----	5	730
Sand, yellow, hard -----	15	360	Shale, blue, soft -----	35	765
Sand, red, soft -----	20	380	Rock, red -----	30	795
Sand and water -----	5	385	Mud, red -----	15	810
Sand, yellow -----	105	490	Red beds -----	29	839
Shale, blue -----	10	500	Rock, red -----	43	882
Sand, yellow, hard -----	10	510	Mud, red -----	12	894
Sand, yellow, soft -----	25	535	Rock, red -----	167	1,061
Shale, blue, sandy, soft	25	560	Mud, red, sticky -----	10	1,071
Shale, blue, soft -----	15	575	Rock, red -----	12	1,083
Lime, gray, sandy, hard, broken -----	5	580	Sand, red -----	10	1,093
Shale, sticky, and soft, red rock -----	7	587	Rock, red -----	34	1,127
Shale, blue, sticky ----	3	590	Lime, white, hard -----	23	1,150
Shale, sandy -----	32	622	Rock, red, soft -----	15	1,165
Sand, brown, soft -----	12	634	Lime and anhydrite ----	15	1,180
Sand, white, hard -----	12	646	Lime, blue, hard -----	50	1,230
Shale, blue -----	19	665	Lime, medium red, sandy-	30	1,260
Lime, gray, sandy, hard-	5	670	Lime and anhydrite ----	5	1,265
Sand, white, hard -----	10	680	Lime, gray -----	35	1,300
Rock, red, soft -----	20	700	Lime and gray anhydrite-	25	1,325
Shale, blue, soft -----	5	705	Rock, red, and anhydrite	15	1,340
Lime, gray, sandy, hard-	10	715	Anhydrite, lime, and red rock -----	40	1,380

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Table 5.--Drillers' logs of wells in Pecos County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
Well CC-14--Continued							
Lime and hard, gray anhydrite -----	30	1,410	Anhydrite -----	6	2,006		
Lime, white, hard -----	35	1,445	Lime, gray, hard -----	6	2,012		
Lime and hard, white anhydrite -----	30	1,475	Rock, red, and anhydrite	33	2,045		
Lime, white -----	25	1,500	Anhydrite -----	50	2,095		
Lime -----	50	1,550	Rock, red, and anhydrite	20	2,115		
Lime and anhydrite -----	15	1,565	Lime and anhydrite -----	10	2,125		
Shale, red, sandy, soft-	4	1,569	Anhydrite -----	55	2,180		
Lime, white, hard -----	16	1,585	Lime and anhydrite -----	65	2,245		
Lime and anhydrite -----	22	1,607	Lime, gray, hard -----	260	2,505		
Rock, red, and anhydrite	18	1,625	Shale, blue, soft -----	5	2,510		
Lime and anhydrite -----	25	1,650	Lime, gray -----	40	2,550		
Lime -----	45	1,695	Lime, brown, hard -----	12	2,562		
Lime and anhydrite -----	17	1,712	Sand, gray, soft -----	33	2,595		
Rock, red, soft -----	7	1,719	Sand, gray -----	10	2,605		
Lime, gray, hard -----	6	1,725	Sand, brown -----	3	2,608		
Salt, white, soft -----	10	1,735	Lime, sandy -----	22	2,630		
Rock, red, and anhydrite	225	1,960	Lime, gray, hard, sandy-	5	2,635		
Lime, gray, hard -----	15	1,975	Sand -----	13	2,648		
Rock, red, and anhydrite	5	1,980	Sand, gray, soft -----	6	2,654		
Anhydrite, red -----	20	2,000	Sand, gray -----	21	2,675		
			Lime, gray, sandy, hard-	42	2,717		

Well CC-21

Owner: Gulf Oil Corp. Driller: Bower Drilling & Welding Co.

Surface -----	2	2	Caliche -----	28	30
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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well CC-21--Continued					
Lime -----	316	346	Lime, sandy -----	48	514
Caliche, lime, and sand- rock -----	34	380	Sand and water -----	30	544
Lime, broken -----	62	442	Lime -----	6	550
Lime, broken, and sand--	8	450	Shale, blue -----	15	565
Sand -----	16	466	Lime -----	8	573

Well CC-29

Owner: Frank McKenzie. Driller: Red Bank Oil Co.

Limestone, white -----	10	10	Rock, red -----	10	585
Lime, gray -----	12	22	Sand -----	28	613
Lime, yellow -----	133	155	Coal -----	2	615
Lime, gray -----	10	165	Sand -----	24	639
Lime, medium yellow ----	20	185	Lime, sandy -----	4	643
Shale, blue -----	5	190	Lime, black -----	3	646
Lime, gray -----	5	195	Sand -----	19	665
Shale, green -----	2	197	Lime, gray -----	5	670
Lime, white -----	28	225	Sand -----	8	678
Lime, gray -----	140	365	Rock, red -----	3	681
Sand, yellow -----	47	412	Sand -----	4	685
Sand, white -----	23	435	Sand, white -----	18	703
Sand, yellow -----	62	497	Sand, red -----	13	716
Shale, light -----	23	520	Mud, red -----	8	724
Sand -----	35	555	Sand, red -----	22	746
Shale, blue -----	20	575	Mud, red -----	4	750

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well CC-29--Continued					
Sand, red -----	40	790	Lime, gray -----	91	1,362
Mud, red -----	7	797	Rock, red -----	9	1,371
Sand, red -----	3	800	Anhydrite -----	134	1,505
Rock, red -----	7	807	Lime, gray -----	30	1,535
Sand, red -----	13	820	Anhydrite -----	60	1,595
Mud, red -----	25	845	Rock, red -----	15	1,610
Sand, red -----	45	890	Anhydrite -----	55	1,665
Mud, red -----	10	900	Lime and anhydrite -----	15	1,680
Sand -----	25	925	Anhydrite and small shale breaks -----	41	1,721
Mud, red -----	5	930	Anhydrite with red rock breaks -----	54	1,775
Sand -----	10	940	Anhydrite and small, red shale -----	60	1,835
Mud, red -----	15	955	Anhydrite and small, red rock breaks -----	45	1,880
Sand, red -----	25	980	Anhydrite -----	59	1,939
Sand -----	5	985	Lime, gray -----	6	1,945
Mud, red -----	15	1,000	Anhydrite -----	10	1,955
Sand -----	15	1,015	Lime and anhydrite -----	43	1,998
Mud, red -----	5	1,020	Anhydrite -----	30	2,028
Sand -----	15	1,035	Lime, white -----	5	2,033
Rock, red -----	55	1,090	Anhydrite -----	10	2,043
Sand -----	35	1,125	Lime, white -----	7	2,050
Lime, gray -----	30	1,155	Lime, gray -----	18	2,068
Shale, sandy -----	15	1,170	Anhydrite -----	6	2,074
Lime, gray -----	98	1,268			
Rock, red -----	3	1,271			

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well CC-29--Continued					
Lime, gray -----	90	2,164	Lime, white -----	196	2,957
Lime, white -----	11	2,175	Lime, gray -----	287	3,244
Shale, blue -----	3	2,178	Lime, gray, sandy -----	12	3,256
Lime, white -----	1	2,179	Lime, white -----	11	3,267
Lime, gray -----	89	2,268	Lime, gray, sandy -----	7	3,274
Lime, sandy -----	24	2,292	Lime, sandy -----	5	3,279
Lime, gray -----	53	2,345	Lime, gray, sandy -----	10	3,289
Shale, blue -----	3	2,348	Lime, gray -----	63	3,352
Lime, gray -----	22	2,370	Lime, gray, sandy -----	19	3,371
Lime, light gray -----	16	2,386	Lime, sandy -----	19	3,390
Lime -----	99	2,485	Lime, gray, sandy -----	22	3,412
Lime and ash -----	27	2,512	Lime, white, sandy -----	3	3,415
Lime -----	35	2,547	Lime, gray, sandy -----	16	3,431
Lime, gray -----	43	2,590	Lime, gray -----	25	3,456
Lime -----	44	2,634	Lime, gray, sandy -----	40	3,496
Lime, gray -----	36	2,670	Lime, gray -----	16	3,512
Lime, gray and white, and water -----	91	2,761			

Well DD-6

Owner: Jasper County School Lands. Driller: Buell and Hagan.

Lime -----	100	100	Lime -----	55	275
Clay, yellow -----	10	110	Shale, dark -----	10	285
Lime -----	90	200	Lime -----	15	300
Sand -----	20	220	Shale, dark -----	25	325

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well DD-6--Continued					
Lime, sandy -----	25	350	Mud, blue -----	22	942
Shale, dark -----	30	380	Sand and water -----	18	960
Lime -----	10	390	Shale, blue -----	10	970
Shale, dark -----	15	405	Sand -----	25	995
Lime -----	20	425	Rock, red -----	105	1,100
Lime, broken, sandy ----	20	445	Sand, red -----	10	1,110
Lime -----	15	460	Rock, red -----	190	1,300
Shale, yellow, broken --	20	480	Anhydrite -----	50	1,350
Lime, broken -----	10	490	Lime -----	15	1,365
Shale, yellow, broken --	20	510	Anhydrite, broken -----	35	1,400
Lime -----	125	635	Lime -----	15	1,415
Sand, white -----	5	640	Lime, broken, and red rock -----	30	1,445
Shale, light -----	20	660	Lime, broken, red rock, and anhydrite -----	85	1,530
Sand -----	40	700	Salt -----	215	1,745
Shale, blue -----	10	710	Anhydrite -----	10	1,755
Sand -----	30	740	Lime, gray -----	15	1,770
Shale, blue -----	40	780	Lime -----	15	1,785
Lime -----	30	810	Salt -----	15	1,800
Sand and water -----	10	820	Lime -----	15	1,815
Rock, red -----	30	850	Lime, broken, and anhydrite -----	45	1,860
Sand and water -----	45	895	Salt -----	25	1,885
Shale, blue -----	5	900	Salt and anhydrite -----	35	1,920
Sand and water -----	10	910	Rock, red, and lime shells	40	1,960
Shale, blue -----	10	920			

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well DD-6--Continued					
Rock, red -----	15	1,975	Anhydrite and red rock -	15	2,215
Anhydrite -----	10	1,985	Anhydrite -----	5	2,220
Shale, blue -----	5	1,990	Lime -----	20	2,240
Lime -----	15	2,005	Lime and anhydrite ----	150	2,390
Lime shells, broken ----	30	2,035	Anhydrite -----	35	2,425
Anhydrite -----	5	2,040	Lime, sandy -----	43	2,468
Rock, red -----	20	2,060	Shale, red and blue ----	7	2,475
Anhydrite -----	10	2,070	Bentonite and anhydrite-	15	2,490
Anhydrite and red rock -	10	2,080	Lime, sandy -----	12	2,502
Rock, red -----	20	2,100	Lime -----	27	2,529
Anhydrite, broken ----	15	2,115	Lime shells, broken ----	31	2,560
Lime -----	10	2,125	Lime -----	28	2,588
Rock, red -----	30	2,155	Lime, broken, and bentonite -----	12	2,600
Lime and anhydrite ----	15	2,170	Lime, broken -----	45	2,645
Rock, red -----	30	2,200	Lime, broken, and anhydrite -----	257	2,902

Well DD-15, partial log

Owner: Dow Puckett. Driller: The Sloan & Zock Co.

Lime -----	43	43	Lime -----	12	130
Lime, white -----	7	50	Sand, red -----	10	140
Lime -----	7	57	Caliche -----	15	155
Lime and boulders ----	10	67	Anhydrite -----	25	180
Lime -----	33	100	Anhydrite and caliche --	20	200
Anhydrite -----	18	118	Caliche -----	25	225

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well DD-15--Continued					
Lime -----	15	240	Sand and shells -----	25	845
Shale, yellow -----	30	270	Sand and water -----	15	860
Lime, broken -----	15	285	Sand -----	10	870
Lime, broken, and yellow clay -----	20	305	Shale, blue -----	10	880
Lime, broken -----	13	318	Rock, red -----	18	898
Anhydrite -----	7	325	Lime, sandy -----	25	923
Lime, broken -----	35	360	Shale, blue -----	7	930
Caliche -----	10	370	Sand, broken -----	30	960
Lime, broken -----	40	410	Sand -----	21	981
Lime -----	35	445	Shale, blue -----	19	1,000
Lime, hard -----	13	458	Shale, sandy -----	5	1,005
Mud, break -----	5	463	Shale, blue -----	10	1,015
Lime -----	137	600	Lime -----	3	1,018
Sand, brown -----	35	635	Shale, blue -----	2	1,020
Sand -----	7	642	Lime, sandy -----	12	1,032
Rock, red -----	3	645	Shale, red, sandy -----	13	1,045
Sand -----	50	695	Lime, gray, sandy -----	9	1,054
Sand and water -----	23	718	Sand -----	9	1,063
Shale and shells -----	9	727	Shale, red -----	2	1,065
Shale, blue -----	35	762	Rock, red -----	10	1,075
Rock, red -----	10	772	Shale, blue -----	20	1,095
Shale, blue -----	10	782	Lime -----	11	1,106
Rock, red -----	18	800	Shale, gray -----	2	1,108
Shale and sandy shells -	20	820	Lime -----	17	1,125

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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well DD-15--Continued					
Shale, red, and lime shells -----	20	1,145	Anhydrite -----	68	1,430
Rock, red -----	5	1,150	Lime -----	42	1,472
Shell -----	2	1,152	Shale, red -----	13	1,485
Sand -----	18	1,170	Lime -----	12	1,497
Shale, red -----	7	1,177	Anhydrite -----	258	1,755
Sand, red -----	8	1,185	Salt -----	20	1,775
Shale, red -----	177	1,362	Potash and salt -----	20	1,795
			Total Depth -----		2,973

Well DD-31

Owner: M. C. Puckett. Driller: Layne-Texas Co.

Soil and limestone -----	6	6	Sand and dry sandrock --	40	550
Lime, broken -----	42	48	Sand, sandstone, lime, and boulders -----	50	600
Lime, white, hard -----	46	94	Sand and sandrock -----	20	620
Shale, blue -----	9	103	Sandstone -----	5	625
Lime, white, hard -----	122	225	Clay, yellow -----	135	760
Lime, blue, hard -----	18	243	Shale, blue -----	10	770
Lime, yellow -----	97	340	Lime -----	5	775
Lime, white -----	155	495	Shale, blue -----	51	826
Sand -----	15	510	Lime, gray; and quartz crystals -----	24	850

Well EE-3

Owner: T. N. McKenzie. Driller: Dixie Oil Co.

Lime, hard -----	15	15	Lime, white, hard -----	20	35
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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well EE-3--Continued					
Lime -----	7	42	Sand and water -----	60	685
Lime, brown -----	108	150	Sand -----	15	700
Lime -----	85	235	Shale, blue -----	10	710
Shale, break -----	15	250	Sand -----	25	735
Lime, gray, broken -----	15	265	Sand, broken, and shale-	10	745
Lime, broken, and blue shale -----	35	300	Sand -----	10	755
Lime, brown -----	15	315	Shale, blue, broken ----	10	765
Lime, brown, and shale -	15	330	Shale, light -----	5	770
Lime, brown -----	5	335	Rock, red -----	15	785
Shale, blue -----	11	346	Shale, red, broken -----	30	815
Lime -----	7	353	Shale, white and blue, broken -----	5	820
Lime, broken, and blue shale -----	7	360	Shale, chocolate -----	10	830
Shale, blue -----	40	400	Lime -----	5	835
Shale, blue, broken ----	30	430	Shale, sandy -----	5	840
Lime, brown -----	15	445	Lime shell -----	5	845
Lime, white -----	10	455	Shale, purple -----	10	855
Sand, yellow, broken ---	75	530	Rock, red -----	15	870
Lime, gray, hard -----	10	540	Sand and water -----	18	888
Lime, brown -----	10	550	Rock, red -----	17	905
Lime, broken, and sand -	15	565	Lime, broken, and sand -	15	920
Lime, brown -----	25	590	Anhydrite and blue shale	5	925
Lime -----	15	605	Shale, broken, and gumbo	5	930
Sand, yellow, and gravel	20	625	Shale, blue -----	10	940
			Shale, broken -----	5	945

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well EE-3--Continued					
Shale, blue -----	5	950	Lime shell -----	5	1,620
Shale, blue, broken ----	15	965	Salt -----	25	1,645
Sand and water -----	13	978	Lime shell -----	3	1,648
Rock, red -----	122	1,100	Salt -----	52	1,700
Anhydrite and red rock -	15	1,115	Anhydrite -----	25	1,725
Rock, red -----	15	1,130	Anhydrite, brown -----	15	1,740
Shale, red -----	20	1,150	Salt, broken, and anhydrite -----	15	1,755
Anhydrite -----	5	1,155	Lime, brown -----	10	1,765
Shale, red -----	55	1,210	Salt and anhydrite ----	35	1,800
Anhydrite -----	10	1,220	Salt and red rock -----	45	1,845
Mud, broken, and salt --	5	1,225	Anhydrite, broken -----	20	1,865
Shale, red -----	10	1,235	Mud, red -----	70	1,935
Salt and broken shale --	5	1,240	Lime and anhydrite ----	25	1,960
Lime, gray -----	8	1,248	Rock, red, and anhydrite	75	2,035
Shale, gray -----	17	1,265	Anhydrite, broken, and salt -----	15	2,050
Shale, red -----	25	1,290	Shale, red -----	25	2,075
Anhydrite -----	15	1,305	Anhydrite -----	40	2,115
Shale, red, broken ----	10	1,315	Shale, red -----	5	2,120
Anhydrite -----	15	1,330	Rock, red, and anhydrite	27	2,147
Shale, red -----	30	1,360	Rock, red, and red sand-	7	2,154
Rock, red, broken, and potash -----	15	1,375	Lime, broken, and sand -	1	2,155
Lime shell -----	10	1,385	Rock, red -----	30	2,185
Anhydrite, broken ----	25	1,410	Rock, red, and anhydrite	35	2,220
Salt -----	205	1,615			

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well EE-3--Continued					
Lime -----	5	2,225	Lime, brown -----	15	2,485
Anhydrite -----	35	2,260	Anhydrite and red rock -	40	2,525
Anhydrite and red rock -	30	2,290	Dolomite and red rock --	3	2,528
Lime shell -----	10	2,300	Anhydrite and red rock -	5	2,533
Lime, sandy -----	5	2,305	Lime -----	7	2,540
Anhydrite -----	15	2,320	Anhydrite and red rock -	20	2,560
Anhydrite and red rock -	10	2,330	Lime, broken, sandy ----	15	2,575
Anhydrite and lime ----	40	2,370	Anhydrite and red rock -	20	2,595
Anhydrite and red rock -	10	2,380	Lime, broken -----	10	2,605
Lime, sandy -----	7	2,387	Anhydrite and red rock -	15	2,620
Anhydrite and red rock -	18	2,405	Lime, gray -----	10	2,630
Lime, broken, sandy ----	10	2,415	Anhydrite -----	10	2,640
Anhydrite -----	5	2,420	Lime, gray, hard -----	10	2,650
Anhydrite and red rock -	30	2,450	Anhydrite and broken lime	20	2,670
Lime, broken, and anhydrite -----	20	2,470	Anhydrite and lime ----	10	2,680

Well EE-6

Owner: R. R. King. Driller: J. F. Sullivan.

Soil and caliche -----	7	7	Caliche and lime -----	5	170
Caliche and limerock ---	3	10	Lime -----	87	257
Gravel and small boulders	30	40	Lime, white, hard -----	28	285
Gravel -----	40	80	Lime, brown, hard -----	20	305
Clay, pink -----	55	135	Lime, gray -----	51	356
Conglomerate -----	5	140	Lime, brown, sandy ----	20	376
Gravel, fine-grained ---	15	155	Sand, yellow, and water-	43	419
Conglomerate -----	10	165			

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well EE-14					
Owner: Sherbino Bros. Driller: Transcontinental Oil Co.					
Surface -----	25	25	Shale, sandy -----	20	665
Marl -----	50	75	Red beds and sandy, red shale -----	15	680
Gravel -----	40	115	Red beds -----	115	795
Lime, gray -----	135	250	Lime -----	5	800
Lime and shale -----	30	280	Limerock, red -----	20	820
Lime, brown, and water -	32	312	Lime shells -----	5	825
Sand and water -----	98	410	Lime -----	5	830
Shale, blue -----	5	415	Lime shells, red -----	10	840
Sand and water -----	10	425	Red beds -----	5	845
Shale, blue -----	15	440	Red beds and lime shells	45	890
Shale, pink -----	15	455	Lime, hard -----	15	905
Red beds -----	15	470	Lime -----	5	910
Shale, gray -----	20	490	Red beds -----	10	920
Sand and water -----	10	500	Lime, broken -----	10	930
Sand -----	15	515	Salt -----	410	1,340
Slate, white -----	10	525	Lime, hard, and sand ---	10	1,350
Shale -----	30	555	Slate, dark -----	115	1,465
Sand -----	6	561	Red beds -----	50	1,515
Shale, sandy -----	11	572	Lime, gray, shelly, with little white sand ----	30	1,545
Sand -----	5	577	Lime and salt -----	30	1,575
Shale, blue -----	43	620	Salt -----	6	1,581
Rock, red -----	1	621	Rock, red -----	9	1,590
Sand -----	24	645			

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well EE-14--Continued					
Salt and red rock -----	15	1,605	Lime and shale -----	10	1,640
Salt -----	5	1,610	Lime shells and salt ---	5	1,645
Lime, blue -----	5	1,615	Salt and red beds -----	20	1,665
Lime shells -----	5	1,620	Lime shells -----	15	1,680
Red beds -----	10	1,630	Lime -----	21	1,701

Well EE-28

Owner: G. M. Harral Estate. Driller: Olean Petroleum Co.

Lime and water -----	130	130	Mud, blue -----	5	625
Shale, blue, and lime shells -----	20	150	Sand -----	35	660
Lime shells -----	20	170	Shale, blue -----	32	692
Lime -----	10	180	Rock, red -----	7	699
Lime, gray -----	15	195	Sand, red -----	6	705
Shale, blue -----	35	230	Shale, red and blue, sandy -----	20	725
Sand -----	50	280	Shale, sandy -----	10	735
Lime, brown -----	70	350	Sand, red -----	30	765
Lime -----	40	390	Rock, red -----	166	931
Sand and water -----	45	435	Rock, red, and shells --	19	950
Shale, blue -----	7	442	Lime and anhydrite -----	8	958
Sand -----	98	540	Rock, red, and shells --	12	970
Slate, blue -----	5	545	Shale, red, sandy -----	10	980
Sand -----	45	590	Lime -----	25	1,005
Mud, blue -----	25	615	Lime shell -----	11	1,016
Rock, red -----	5	620	Slate, blue -----	10	1,026

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well EE-28--Continued					
Shale, brown -----	10	1,036	Lime -----	23	1,618
Rock, red -----	14	1,050	Salt -----	92	1,710
Rock, red, and anhydrite	48	1,098	Anhydrite -----	60	1,770
Anhydrite -----	7	1,105	Rock, red -----	40	1,810
Anhydrite and lime ----	6	1,111	Lime -----	14	1,824
Slate, blue, sand, and anhydrite -----	7	1,118	Slate, blue -----	2	1,826
Rock, red, and anhydrite	7	1,125	Lime and anhydrite ----	14	1,840
Rock, red -----	10	1,135	Lime -----	10	1,850
Salt -----	10	1,145	Anhydrite -----	40	1,890
Lime, red -----	10	1,155	Anhydrite and red beds -	40	1,930
Anhydrite -----	27	1,182	Red beds and anhydrite -	65	1,995
Rock, red, and anhydrite	8	1,190	Red beds -----	25	2,020
Salt, anhydrite, and potash -----	6	1,196	Anhydrite -----	175	2,195
Rock, red -----	7	1,203	Lime -----	5	2,200
Salt -----	7	1,210	Rock, red, and anhydrite	10	2,210
Anhydrite and potash ---	13	1,223	Anhydrite -----	10	2,220
Potash and salt -----	13	1,236	Rock, red -----	5	2,225
Salt, anhydrite, and potash -----	1	1,237	Anhydrite -----	20	2,245
Salt -----	31	1,268	Rock, red, and anhydrite	45	2,290
Salt and potash -----	5	1,273	Anhydrite -----	60	2,350
Potash -----	9	1,282	Rock, red, and anhydrite	10	2,360
Potash and salt -----	5	1,287	Anhydrite -----	10	2,370
Salt -----	308	1,595	Anhydrite and lime ----	10	2,380
			Anhydrite -----	58	2,438

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well EE-28--Continued					
Rock, red, anhydrite, and blue shale -----	9	2,447	Shale, sandy -----	8	3,200
Anhydrite and blue shale	17	2,464	Sand -----	20	3,220
Anhydrite and gypsum ---	21	2,485	Lime, sandy -----	30	3,250
Lime -----	45	2,530	Lime -----	244	3,494
Anhydrite and red rock -	8	2,538	Lime, sandy -----	27	3,521
Anhydrite and lime ----	77	2,615	Lime -----	84	3,605
Lime -----	25	2,640	Lime, sandy -----	115	3,720
Lime and anhydrite ----	80	2,720	Lime -----	160	3,880
Lime, anhydrite, and red shale -----	5	2,725	Lime, sandy -----	17	3,897
Lime and anhydrite ----	178	2,903	Lime -----	20	3,917
Shale, blue, and lime --	34	2,937	Shale, green -----	9	3,926
Sand, water, and salt --	28	2,965	Lime -----	3	3,929
Lime -----	71	3,036	Lime, little shell, and shale -----	21	3,950
Shale, blue, and lime --	4	3,040	Lime -----	73	4,023
Lime -----	152	3,192	Sand, white -----	7	4,030

Well EE-35

Owner: Will Harral Estate. Driller: Circle Oil Co.

Surface -----	10	10	Lime, white, hard ----	155	280
Sand and gravel -----	15	25	Sand and water -----	10	290
Lime and shell -----	5	30	Marl, chalky, soft ----	5	295
Marl, chalky, soft ----	20	50	Slate, blue -----	5	300
Marl, chalky, hard ----	40	90	Mixture -----	10	310
Lime, blue, hard -----	35	125	Sand and water -----	5	315

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well EE-35--Continued					
Shale, blue, soft -----	10	325	Limestone, gray, hard --	55	1,465
Shale, white -----	10	335	Rock and salt -----	15	1,480
Shale, sandy -----	25	360	Rock, red, and salt ----	53	1,533
Sand, white -----	10	370	Rock and salt -----	17	1,550
Shale, blue, soft -----	190	560	Clay, red -----	40	1,590
Rock, red, soft -----	15	575	Lime and shale -----	5	1,595
Sand, red, soft -----	17	592	Clay, red -----	5	1,600
Rock, red, soft -----	18	610	Clay, red, hard -----	15	1,615
Sandstone, red -----	18	628	Limestone, gray, hard --	10	1,625
Sand -----	35	663	Shale, red -----	50	1,675
Rock, red -----	144	807	Clay, red -----	65	1,740
Limestone, hard -----	30	837	Clay, red, hard -----	10	1,750
Stone, red, and shell --	18	855	Clay, red -----	10	1,760
Limestone, hard -----	40	895	Limestone -----	10	1,770
Lime -----	15	910	Rock, red -----	35	1,805
Slate, white -----	5	915	Flint rock -----	10	1,815
Sandstone, red -----	25	940	Lime, white -----	35	1,850
Limestone, white -----	20	960	Limestone, white -----	30	1,880
Sandstone, red -----	10	970	Lime, white -----	55	1,935
Limestone, gray -----	15	985	Limestone, white -----	40	1,975
Sandstone, red -----	30	1,015	Lime, gray -----	40	2,015
Rock and salt -----	150	1,165	Limestone, white -----	80	2,095
Rock, red, mixture -----	45	1,210	Lime, white -----	30	2,125
Rock and salt -----	200	1,410	Lime, gray -----	25	2,150

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well EE-35--Continued					
Limestone, gray, hard --	30	2,180	Shale, blue, and sand --	10	3,130
Lime, gray, and shale --	45	2,225	Lime, gray, hard -----	15	3,145
Lime, gray, and black shale -----	90	2,315	Sand, hard, and lime ---	20	3,165
Lime -----	365	2,680	Lime, hard -----	15	3,180
Lime, white -----	40	2,720	Lime, gray, hard -----	37	3,217
Lime -----	40	2,760	Lime, gray, and sharp sand -----	15	3,232
Lime, white -----	25	2,785	Lime, gray, hard, and sand -----	18	3,250
Lime, white, hard -----	25	2,810	Lime, gray, hard -----	16	3,266
Lime, white -----	25	2,835	Lime, gray, sandy -----	4	3,270
Sand, brown, fine-grained	5	2,840	Lime, gray, hard -----	65	3,335
Lime, white, hard -----	5	2,845	Lime, hard, sharp -----	4	3,339
Lime, white -----	35	2,880	Lime, soft, sandy -----	6	3,345
Sand -----	5	2,885	Lime, hard, sandy -----	40	3,385
Lime, white -----	5	2,890	Lime, hard, sharp -----	115	3,500
Shale -----	3	2,893	Shale, sandy, and shells	170	3,670
Lime, white -----	32	2,925	Shale, black, and lime shells -----	30	3,700
Lime, white, hard -----	75	3,000	Lime, black, rotten ----	50	3,750
Lime, gray, hard -----	20	3,020	Sand, hard -----	10	3,760
Lime, gray -----	15	3,035	Sand, hard, sharp -----	25	3,785
Lime, gray, hard -----	50	3,085	Lime, gray, hard -----	5	3,790
Lime, gray, hard, and shale -----	10	3,095	Sand, soft, and lime shells -----	30	3,820
Lime, gray, hard, and blue shale -----	15	3,110	Sand, very hard -----	18	3,838
Lime, gray, and shale --	10	3,120			

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well EE-35--Continued					
Lime, very hard -----	7	3,845	Sand -----	15	3,910
Sand, hard -----	5	3,850	Lime, hard -----	9	3,919
Sand, very hard -----	10	3,860	Lime, soft -----	1	3,920
Lime, very hard, sandy -	5	3,865	Lime, hard, sharp -----	30	3,950
Sand and water -----	30	3,895			

Well EE-38

Owner: -- Moody. Driller: --

Lime, yellow -----	355	355	Anhydrite, gray -----	45	1,045
Lime, gray -----	60	415	Shale, red -----	30	1,075
Lime, gray, broken -----	10	425	Anhydrite, gray -----	45	1,120
Lime, yellow, hard -----	5	430	Salt -----	465	1,585
Lime, gray, broken -----	5	435	Lime, gray -----	25	1,610
Lime, gray -----	70	505	Lime, brown -----	25	1,635
Lime, hard -----	15	520	Salt -----	15	1,650
Lime, brown -----	5	525	Shale, red -----	65	1,715
Lime, red and yellow ---	30	555	Anhydrite, gray -----	50	1,765
Sand, white, and soft water -----	20	575	Salt -----	15	1,780
Lime, yellow -----	10	585	Anhydrite, gray -----	50	1,830
Sand, brown -----	105	690	Shale, red -----	10	1,840
Shale, blue -----	95	785	Anhydrite, gray -----	15	1,855
Rock, red -----	25	810	Rock, red -----	10	1,865
Shale, blue -----	20	830	Anhydrite, gray -----	10	1,875
Shale, red -----	170	1,000	Rock, red -----	20	1,895
			Anhydrite, gray -----	25	1,920

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well EE-38--Continued					
Rock, red -----	10	1,930	Lime -----	5	2,640
Anhydrite, gray -----	280	2,210	Lime, gray -----	10	2,650
Anhydrite -----	75	2,285	Anhydrite -----	15	2,665
Anhydrite, gray -----	35	2,320	Rock, red -----	10	2,675
Anhydrite -----	25	2,345	Anhydrite -----	45	2,720
Anhydrite, gray -----	45	2,390	Lime -----	25	2,745
Anhydrite -----	175	2,565	Lime, gray -----	60	2,805
Anhydrite, gray -----	45	2,610	Lime, white -----	105	2,910
Lime -----	15	2,625	Lime, gray -----	55	2,965
Anhydrite -----	10	2,635			

Well EE-39

Owner: G. A. Henshaw. Driller: --

Surface -----	4	4	Shale, blue -----	10	870
Lime -----	566	570	No record -----	20	890
Sand -----	140	710	Shale, blue -----	10	900
Shale, blue -----	30	740	Rock, red -----	5	905
Sand -----	30	770	Shale, white -----	15	920
Shale, blue -----	10	780	Red beds -----	5	925
Lime -----	10	790	Shale, blue -----	25	950
Shale, blue -----	35	825	Red beds -----	5	955
Rock, red -----	10	835	Rock, red, and water ---	5	960
Shale, blue -----	16	851	Sand -----	10	970
Lime -----	5	856	Lime -----	8	978
Rock, red -----	4	860	Sand -----	10	988

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well EE-39--Continued					
Rock, red -----	2	990	Red beds -----	10	1,645
Lime -----	35	1,025	Lime -----	15	1,660
Rock, red -----	5	1,030	Salt -----	5	1,665
Lime -----	10	1,040	Lime -----	15	1,680
Shale -----	5	1,045	Rock, red -----	30	1,710
Lime -----	80	1,125	Limerock, red, and salt-	5	1,715
Shale -----	5	1,130	No record -----	35	1,750
Salt -----	125	1,255	Lime -----	20	1,770
Potash and salt -----	5	1,260	Red beds -----	10	1,780
Salt -----	130	1,390	Lime -----	220	2,000
Lime -----	40	1,430	Anhydrite -----	487	2,487
Salt -----	100	1,530	Rock, red -----	22	2,509
Red beds -----	35	1,565	Red beds -----	8	2,517
Lime -----	70	1,635			

Well FF-10

Owner: F. A. Perry. Driller: Mays-Maxon Oil Co.

Lime -----	125	125	Sand -----	15	500
Rock, red -----	5	130	Rock, red -----	30	530
Lime -----	70	200	Shale -----	25	555
Sand, yellow -----	80	280	Rock, red -----	10	565
Sand -----	60	340	Lime -----	25	590
Sand, yellow -----	70	410	Rock, red -----	110	700
Rock, red -----	65	475	Lime, white -----	15	715
Shale, blue -----	10	485	Lime -----	10	725

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well FF-10--Continued					
Lime, broken -----	25	750	Lime, green -----	45	1,525
Lime, white -----	35	785	Shale, broken, and lime-	5	1,530
Shale, red -----	5	790	Shale, brown -----	5	1,535
Lime -----	5	795	Rock, red -----	55	1,590
Salt -----	25	820	Shale, blue -----	5	1,595
Lime -----	15	835	Lime, broken -----	50	1,645
Salt -----	105	940	Lime -----	15	1,660
Lime, green -----	15	955	Sand, red, and lime ----	10	1,670
Salt -----	40	995	Lime, white -----	30	1,700
Lime -----	5	1,000	Lime -----	35	1,735
Salt -----	38	1,038	Lime, hard -----	30	1,765
Lime -----	7	1,045	Lime -----	15	1,780
Salt -----	245	1,290	Lime, hard -----	95	1,875
Lime, green -----	30	1,320	Anhydrite -----	45	1,920
Lime -----	40	1,360	Lime, sandy -----	10	1,930
Salt and potash -----	40	1,400	Anhydrite -----	35	1,965
Rock, red -----	50	1,450	Lime, sandy -----	40	2,005
Lime -----	10	1,460	Anhydrite -----	45	2,050
Salt and red rock -----	10	1,470	Lime, sandy -----	30	2,080
Lime, brown -----	10	1,480	Water -----	5	2,085

Well FF-17

Owner: T. A. Bailey. Driller: Young Petroleum Corp.

Lime -----	60	60	Lime -----	125	200
Lime, broken -----	15	75	Sand, red -----	80	280

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well FF-17--Continued					
Sand, white -----	40	320	Rock, red -----	15	1,250
Rock, red -----	5	325	Salt -----	10	1,260
Sand, red -----	45	370	Potash and anhydrite ---	25	1,285
Lime -----	5	375	Rock, red -----	15	1,300
Rock, red -----	15	390	Anhydrite -----	75	1,375
Shale, white -----	15	405	Lime -----	5	1,380
Rock, red -----	55	460	Sand -----	5	1,385
Lime, gray -----	25	485	Anhydrite -----	15	1,400
Shale, white -----	25	510	Rock, red -----	5	1,405
Lime -----	2	512	Anhydrite -----	270	1,675
Sand, red -----	8	520	Lime, brown, and water -	63	1,738
Rock, red -----	100	620	Lime, brown, sandy, and water -----	82	1,820
Anhydrite -----	35	655	Lime, gray -----	25	1,845
Rock, red -----	45	700	Lime, brown -----	10	1,855
Salt -----	287	987	Lime, gray -----	89	1,944
Anhydrite -----	18	1,005	Lime, brown -----	6	1,950
Salt -----	115	1,120	Lime, gray -----	10	1,960
Rock, red -----	45	1,165	Lime, brown -----	15	1,975
Anhydrite, broken -----	60	1,225	Lime, gray, dark -----	106	2,081
Salt -----	10	1,235			

Well FF-24

Owner: Arthur Harral. Driller: Olean Petroleum Co.

Lime -----	85	85	Slate, blue, and lime shells -----	60	168
Lime, brown -----	23	108			

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well FF-24--Continued					
Lime, brown -----	87	255	Anhydrite -----	30	790
Lime, blue -----	20	275	Rock, red -----	8	798
Lime, white -----	5	280	Anhydrite -----	9	807
Slate, blue, and lime shells -----	87	367	Lime, sandy -----	13	820
Clay, yellow -----	3	370	Rock, red, and gypsum --	5	825
Sand -----	95	465	Salt and potash -----	385	1,210
Slate, blue -----	5	470	Salt and anhydrite -----	15	1,225
Shale, blue -----	5	475	Lime, brown -----	20	1,245
Sand and water -----	45	520	Salt and anhydrite -----	10	1,255
Red beds -----	30	550	Salt -----	10	1,265
Shale, blue and red ----	10	560	Salt and anhydrite -----	5	1,270
Red beds -----	5	565	Salt and potash -----	85	1,355
Slate, blue -----	15	580	Red beds -----	45	1,400
Lime -----	5	585	Lime, brown -----	6	1,406
Slate, blue -----	10	595	Shale, blue, and anhydrite	30	1,436
Shale, blue -----	32	627	Salt -----	6	1,442
Lime -----	6	633	Slate, blue, and anhydrite	38	1,480
Shale, red and blue, and slate -----	32	665	Rock, red, and sandy shells -----	85	1,565
Shale, blue -----	10	675	Anhydrite -----	8	1,573
Sand and water -----	32	707	Rock, red, and anhydrite	7	1,580
Conglomerate, red and blue	33	740	Red beds -----	35	1,615
Sand -----	10	750	Lime -----	15	1,630
Rock, red -----	10	760	Lime and anhydrite -----	30	1,660
			Rock, red, and anhydrite	15	1,675

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well FF-24--Continued					
Rock, red -----	7	1,682	Lime and anhydrite ----	52	2,452
Anhydrite -----	28	1,710	Lime, gray -----	28	2,480
Lime -----	10	1,720	Lime -----	15	2,495
Lime, gray -----	4	1,724	Sand, green, and lime --	12	2,507
Rock, red, and anhydrite	5	1,729	Lime, green, sandy ----	10	2,517
Anhydrite -----	26	1,755	Lime, blue, and anhydrite	18	2,535
Rock, red, and anhydrite	10	1,765	Lime, blue -----	40	2,575
Anhydrite -----	35	1,800	Shale, blue -----	5	2,580
Red beds and anhydrite -	44	1,844	Shale, green, sandy ----	8	2,588
Anhydrite -----	6	1,850	Lime, gray -----	47	2,635
Rock, red, and anhydrite	10	1,860	Lime, blue, sandy ----	85	2,720
Anhydrite -----	30	1,890	Lime, brown -----	20	2,740
Rock, red -----	10	1,900	Lime, blue -----	40	2,780
Anhydrite -----	60	1,960	Shale, blue, sandy ----	31	2,811
Lime -----	26	1,986	Shale, blue, sandy, and lime shells -----	44	2,855
Anhydrite -----	69	2,055	Lime, brown -----	10	2,865
Rock, red, and anhydrite	65	2,120	Lime, gray -----	10	2,875
Lime and anhydrite ----	75	2,195	Sand, gray -----	4	2,879
Anhydrite -----	15	2,210	Sand, brown -----	6	2,885
Rock, red -----	15	2,225	Lime, brown -----	24	2,909
Anhydrite -----	35	2,260	Lime, gray -----	29	2,938
Rock, red, and anhydrite	50	2,310	Lime, blue, sandy ----	10	2,948
Anhydrite -----	65	2,375	Sand, blue -----	10	2,958
Rock, red, and anhydrite	25	2,400	Lime, blue, sandy ----	12	2,970

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Table 5.--Drillers' logs of wells in Pecos County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
Well FF-24--Continued							
Shale, blue, sandy -----	40	3,010	Lime, black -----	17	3,133		
Sand, blue -----	30	3,040	Slate, blue, sandy -----	12	3,145		
Sand, blue, fine-grained	18	3,058	Sand, blue -----	25	3,170		
Lime, gray -----	16	3,074	Shale, blue, sandy -----	17	3,187		
Sand, blue -----	22	3,096	Lime, gray, sandy -----	9	3,196		
Lime, gray -----	4	3,100	Lime, black -----	74	3,270		
Sand, blue -----	16	3,116	Lime, blue -----	33	3,303		

Well FF-36

Owner: Blackstone and Slaughter Estate. Driller: Arkansas Fuel Oil Co.

Surface -----	1	1	Slate, blue -----	10	565
Lime -----	59	60	Sand and water -----	35	600
Lime, gray -----	25	85	Lime, gray -----	20	620
Limerock, yellow -----	15	100	Sand, yellow -----	30	650
Limestone, gray -----	10	110	Sand, gray -----	20	670
Lime -----	70	180	Shale, gray -----	4	674
Lime, white -----	95	275	Shale, blue -----	6	680
Lime -----	20	295	Rock, red -----	60	740
Lime, brown -----	20	315	Shale, blue -----	10	750
Lime, white -----	10	325	Lime, gritty -----	5	755
Lime, gray -----	25	350	Rock, red -----	10	765
Lime, white -----	65	415	Slate, black -----	10	775
Lime -----	40	455	Rock, red -----	25	800
Lime, blue -----	25	480	Slate, blue -----	10	810
Lime, white -----	75	555	Lime, gray -----	5	815

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well FF-36--Continued					
Shale, white -----	10	825	Rock and salt -----	70	1,475
Shale, blue -----	15	840	Rock, red -----	30	1,505
Rock, red -----	10	850	Lime, gray -----	80	1,585
Slate, white -----	40	890	Sand, gray -----	33	1,618
Slate, blue -----	40	930	Rock, red -----	27	1,645
Shale, sandy -----	10	940	Sand, red, sharp -----	25	1,670
Lime, white -----	15	955	Lime, white -----	37	1,707
Sand, gray -----	10	965	Lime, gray -----	43	1,750
Lime -----	15	980	Shale, sandy -----	5	1,755
Rock, red -----	5	985	Lime, white -----	20	1,775
Slate, blue -----	5	990	Shale, sandy -----	3	1,778
Lime, gritty -----	5	995	Shale, brown -----	22	1,800
Lime, red, sandy -----	10	1,005	Lime, white -----	95	1,895
Rock, red -----	5	1,010	Red beds -----	5	1,900
Lime, red, sandy -----	10	1,020	Lime, white -----	245	2,145
Lime, gray -----	20	1,040	Lime shells -----	10	2,155
Shale, blue -----	15	1,055	Lime -----	10	2,165
Lime, gray -----	10	1,065	Lime, white -----	35	2,200
Red beds -----	5	1,070	Lime -----	30	2,230
Lime -----	15	1,085	Lime, white -----	10	2,240
Lime and salt -----	34	1,119	Lime, gray -----	20	2,260
Lime -----	4	1,123	Lime, sharp -----	20	2,280
Rock and salt -----	212	1,335	Lime -----	15	2,295
Lime, gray -----	70	1,405	Lime, sharp -----	5	2,300

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well FF-36--Continued					
Lime, sandy -----	45	2,345	Lime, white -----	31	2,695
Lime -----	15	2,360	Lime, gray -----	5	2,770
Lime, white -----	20	2,380	Sand, white -----	5	2,775
Shale, brown -----	50	2,430	Lime, sandy -----	30	2,805
Lime, gray -----	40	2,470	Sand, gray -----	25	2,830
Lime -----	5	2,475	Lime, white, sandy -----	15	2,845
Lime, sandy -----	20	2,495	Lime, sandy -----	50	2,895
Gravel, sandy -----	5	2,500	Shale, sandy -----	15	2,910
Lime -----	5	2,505	Lime, sandy -----	90	3,000
Lime, brown -----	20	2,525	Shale -----	35	3,035
Lime -----	15	2,540	Shale, sandy -----	130	3,165
Lime, brown -----	5	2,545	Lime, gray -----	25	3,190
Lime, white -----	30	2,575	Sand, gray -----	15	3,205
Lime -----	20	2,595	Lime, sandy -----	45	3,250
Lime, white -----	15	2,610	Shale, sandy -----	75	3,325
Lime -----	15	2,625	Shale, white -----	35	3,360
Lime, white -----	29	2,654	Slate -----	35	3,395
Lime -----	10	2,664			

Well GG-11

Owner: M. Holmes. Driller: Arkansas Fuel Oil Co.

Lime, white -----	85	85	Shale, blue -----	25	215
Lime, gray, hard -----	75	160	Sand -----	35	250
Lime, white -----	15	175	Sand, yellow, and water-	15	265
Lime, gray -----	15	190	Sand, white -----	39	304

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well GG-11--Continued					
Shale, blue -----	11	315	Slate, dark -----	4	616
Red beds -----	40	355	Limerock -----	3	619
Sand -----	5	360	Rock, red -----	21	640
Sand and water -----	25	385	Salt and potash -----	348	988
Lime, gray -----	5	390	Lime, gray, hard -----	6	994
Shale, gray -----	15	405	Lime -----	6	1,000
Shale, gray, and lime shells -----	25	430	Lime, sandy -----	5	1,005
Rock, red -----	5	435	Salt -----	40	1,045
Lime -----	5	440	Salt and potash -----	59	1,104
Red beds -----	10	450	Red beds -----	36	1,140
Shale, pink -----	20	470	Lime, gray -----	30	1,170
Red beds -----	60	530	Rock, red -----	10	1,180
Lime, red -----	3	533	Lime, gray -----	10	1,190
Rock, red, and lime shells	5	538	Salt and lime shells ---	15	1,205
Lime shells, sandy -----	7	545	Slate, blue, and lime shells -----	15	1,220
Sand, red, and water ---	20	565	Rock, red -----	20	1,240
Rock, red -----	7	572	Lime, red -----	20	1,260
Lime, white, hard -----	4	576	Lime, sandy -----	25	1,285
Sand and water -----	4	580	Rock, red -----	5	1,290
Sand -----	5	585	Rock, red, sandy -----	28	1,318
Lime -----	5	590	Lime, light -----	17	1,335
Rock, red -----	10	600	Sand, red -----	15	1,350
Lime, gray -----	8	608	Lime, white, sandy -----	30	1,380
Rock, red -----	4	612	Lime, gray, sandy -----	18	1,398

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well GG-11--Continued					
Rock, red -----	8	1,406	Lime, white -----	65	2,125
Lime, white -----	39	1,445	Sand, red -----	6	2,131
Lime, shelly -----	25	1,470	Lime, white -----	29	2,160
Lime -----	10	1,480	Lime, hard -----	15	2,175
Rock, red -----	5	1,485	Rock, red, sandy -----	10	2,185
Lime, gray -----	115	1,600	Lime, sandy -----	15	2,200
Lime and gypsum -----	40	1,640	Lime, white -----	40	2,240
Lime, white -----	40	1,680	Lime, light -----	25	2,265
Sand, white -----	10	1,690	Lime, gray, hard -----	115	2,380
Lime, white -----	20	1,710	Lime, brown, sandy -----	25	2,405
Lime, brown, sandy -----	40	1,750	Lime, brown -----	17	2,422
Lime -----	6	1,756	Lime, gray, hard -----	136	2,558
Shale, brown -----	29	1,785	Lime, gray -----	177	2,735
Lime -----	10	1,795	Lime, gray, sandy, and water -----	120	2,855
Lime, white -----	118	1,913	Lime, gray, and water --	45	2,900
Rock, red, and lime shells	52	1,965	Shale, gray, and lime shell -----	65	2,965
Rock, red -----	10	1,975	Lime, gray -----	65	3,030
Lime, hard -----	40	2,015	Sand and water -----	14	3,044
Rock, red, sandy -----	45	2,060			

Well GG-20

Owner: Manley Holmes. Driller: Bob Elmore.

Surface -----	5	5	Lime, gray -----	10	45
Gravel -----	20	25	Rock, red -----	5	50
Red beds -----	10	35	Lime, blue -----	20	70

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well GG-20--Continued					
Red beds -----	15	85	Salt -----	125	830
Sand, red, and water ---	45	130	Lime -----	5	835
Lime, red -----	3	133	Shale, brown -----	52	887
Rock, red -----	12	145	Lime -----	3	900
Lime, gray -----	20	165	Shale, brown -----	15	915
Shale, blue -----	15	180	Lime -----	10	925
Red beds -----	45	225	Shale, brown -----	5	930
Lime, gray -----	5	230	Rock, red -----	10	940
Red beds -----	10	240	Sand, dry -----	10	950
Rock, red -----	20	260	Shale, brown -----	40	990
Red beds -----	15	275	Lime, sandy -----	10	1,000
Rock, red -----	5	280	Rock, red -----	10	1,010
Sand and water -----	5	285	Lime -----	20	1,030
Lime -----	5	290	Red beds -----	10	1,040
Rock, red -----	10	300	Lime -----	43	1,083
Lime -----	8	308	Red beds -----	12	1,095
Rock, red -----	4	312	Rock, red -----	50	1,145
Shale, dark -----	4	316	Shale, brown -----	10	1,155
Lime -----	5	321	Lime -----	55	1,210
Red beds -----	7	328	Salt -----	30	1,240
Lime -----	2	330	Lime -----	5	1,245
Salt and potash -----	355	685	Rock, red -----	10	1,255
Lime, gray, and sandy --	13	698	Lime -----	20	1,275
Shale, blue -----	7	705	Salt -----	25	1,300

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well GG-20--Continued					
Lime -----	10	1,310	Red beds -----	6	1,525
Red beds -----	15	1,325	Anhydrite and red rock -	175	1,700
Rock, red -----	15	1,340	Lime -----	12	1,712
Lime -----	165	1,505	Anhydrite -----	33	1,745
Shale -----	10	1,515	Lime -----	265	2,010
Lime, black -----	4	1,519			

Well GG-36

Owner: C. C. Canon. Driller: Kershaw & Livingston.

Lime, white -----	110	110	Lime, blue -----	15	550
Lime, yellow, broken ---	145	255	Lime, yellow -----	15	565
Lime, gray -----	5	260	Sand and water -----	20	585
Lime, yellow, broken ---	35	295	Sand, yellow -----	35	620
Lime, yellow -----	3	298	Lime, yellow -----	5	625
Shale, hard -----	3	301	Sandrock, red -----	35	660
Lime, yellow -----	29	330	Sand, red -----	5	665
Lime, white -----	10	340	Rock, red, muddy -----	50	715
Lime, gray -----	5	345	Lime shell -----	3	718
Lime, yellow -----	35	380	Gumbo, blue -----	27	745
Lime, white -----	22	402	Mud, blue -----	4	749
Lime -----	2	404	Lime, yellow -----	6	755
Lime, yellow -----	79	483	Shale, blue -----	10	765
Lime, white -----	17	500	Rock, red -----	5	770
Lime, yellow -----	30	530	Lime, gray, sandy -----	5	775
Shale, gray -----	5	535	Mud, blue -----	6	781

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well GG-36--Continued					
Conglomerate, blue and red -----	14	795	Sand, water, and salt --	40	1,250
Shale, blue -----	25	820	Salt -----	20	1,270
Sand and water -----	8	828	Salt and pink lime shell	20	1,290
Lime shell, hard -----	7	835	Sand and water -----	7	1,297
Rock, red -----	10	845	Lime shell -----	3	1,300
Mud, blue -----	15	860	Sand -----	5	1,305
Rock, red -----	15	875	Salt -----	35	1,340
Mud, white -----	10	885	Lime shells and anhydrite	70	1,410
Lime, gray -----	5	890	Limestone -----	5	1,415
Shale, gray -----	15	905	Anhydrite -----	5	1,420
Sand, white, and water -	15	920	Lime and pink potash ---	45	1,465
Rock, red -----	35	955	Salt -----	15	1,480
Sandrock, red -----	5	960	Rock, red -----	70	1,550
Sand, red -----	30	990	Mud, red -----	20	1,570
Rock, red, and lime ---	15	1,005	Anhydrite -----	35	1,605
Anhydrite -----	20	1,025	Shale, blue -----	5	1,610
Rock, red -----	20	1,045	Rock, red -----	15	1,625
Sand, red -----	5	1,050	Rock, red, sandy -----	60	1,685
Salt and soft, red rock-	35	1,085	Rock, red -----	50	1,735
Lime shell -----	10	1,095	Lime shell -----	10	1,745
Anhydrite -----	35	1,130	Anhydrite -----	5	1,750
Lime, pink -----	45	1,175	Rock, red -----	13	1,763
Lime shell -----	3	1,178	Lime shell -----	19	1,782
Salt -----	32	1,210	Rock, red -----	13	1,795

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well GG-36--Continued					
Lime, white -----	25	1,820	Anhydrite -----	165	2,275
Anhydrite -----	10	1,830	Lime, white, hard -----	15	2,290
Rock, red -----	15	1,845	Anhydrite -----	75	2,365
Anhydrite -----	35	1,880	Lime, white -----	25	2,390
Anhydrite and shells ---	40	1,920	Anhydrite, soft -----	105	2,495
Rock, red -----	10	1,930	Anhydrite -----	60	2,555
Lime, white -----	10	1,940	Lime shell, white -----	5	2,560
Anhydrite -----	150	2,090	Anhydrite -----	5	2,565
Lime shell, hard -----	20	2,110			

Well GG-42

Owner: J. M. Holmes. Driller: Hightower Oil & Refining Co.

Caliche -----	10	10	Gravel -----	47	225
Caliche and lime -----	20	30	Shale, yellow, and gravel	30	255
Lime shell and caliche -	27	57	Lime -----	4	259
Caliche, lime, and gravel	18	75	Shale, red -----	5	264
Clay, yellow -----	13	88	Shale, blue -----	20	284
Lime -----	4	92	Shale, red -----	21	305
Sand, broken, and water-	6	98	Rock, red -----	15	320
Lime -----	17	115	Sand, broken, and water-	5	325
Lime shells and gravel -	15	130	Shale, red -----	34	359
Gravel -----	7	137	Shale, brown -----	14	373
Lime -----	2	139	Lime and gypsum -----	19	392
Sand, gravel, and water-	6	145	Shale, red, and anhydrite	8	400
Lime -----	33	178	Lime, hard -----	5	405

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well GG-42--Continued					
Anhydrite -----	12	417	Lime, brown, sandy -----	32	1,119
Shale, red -----	8	425	Shale, red, sandy -----	4	1,123
Lime, hard -----	3	428	Lime, shell and sandy, brown shale -----	27	1,150
Salt and potash -----	82	510	Lime, gray, sandy -----	21	1,171
Shale, red -----	9	519	Shale, red, and shells -	20	1,191
Salt, potash, and lime -	291	810	Anhydrite -----	2	1,193
Anhydrite -----	16	826	Lime, gray, sandy -----	15	1,208
Lime, hard -----	7	833	Anhydrite -----	16	1,224
Anhydrite -----	5	838	Lime, gray, hard -----	16	1,240
Salt and potash -----	7	845	Lime shells and red shale	10	1,250
Anhydrite and salt -----	44	889	Anhydrite -----	19	1,269
Potash and salt -----	57	946	Lime -----	43	1,312
Shale, red -----	17	963	Shale, red -----	13	1,325
Shale, brown, and shell-	17	980	Anhydrite -----	8	1,333
Anhydrite -----	10	990	Lime, white -----	32	1,365
Salt and potash -----	17	1,007	Shale, red -----	3	1,368
Salt and anhydrite -----	4	1,011	Anhydrite -----	28	1,396
Anhydrite, hard -----	10	1,021	Salt -----	9	1,405
Anhydrite -----	14	1,035	Anhydrite -----	7	1,412
Rock, red -----	8	1,043	Lime, broken -----	20	1,432
Lime, brown, sandy -----	5	1,048	Anhydrite -----	18	1,450
Lime -----	18	1,066	Lime, brown -----	20	1,470
Lime, brown, sandy -----	9	1,075	Anhydrite -----	20	1,490
Rock, red -----	12	1,087	Lime, brown, and shale-	16	1,506

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well GG-42--Continued					
Lime, brown, and shell -	15	1,521	Lime, brown -----	3	2,125
Anhydrite -----	16	1,537	Rock, red -----	2	2,127
Lime, white -----	18	1,555	Lime, sandy -----	6	2,133
Lime, gray -----	20	1,575	Sand, white -----	3	2,136
Lime, brown -----	8	1,583	Anhydrite -----	27	2,163
Lime, gray -----	28	1,611	Lime, gray -----	79	2,242
Lime, gray and brown ---	143	1,754	Shale, blue -----	5	2,247
Lime, brown -----	14	1,768	Lime, gray -----	28	2,275
Anhydrite, white and brown	64	1,832	Lime, sandy -----	2	2,277
Anhydrite -----	36	1,868	Lime -----	55	2,332
Shale and anhydrite ----	7	1,875	Lime and bentonite ----	46	2,378
Anhydrite -----	67	1,942	Lime, gray -----	72	2,450
Sand and water -----	5	1,947	Lime, black, hard -----	10	2,460
Anhydrite -----	7	1,954	Lime, hard, sandy -----	7	2,467
Anhydrite and red rock -	8	1,962	Lime, dark -----	57	2,524
Anhydrite -----	39	2,001	Lime, gray -----	46	2,570
Lime, sandy -----	11	2,012	Sand and water -----	63	2,633
Shale, red -----	23	2,035	Sand, white, hard -----	42	2,675
Sand, broken, and water-	15	2,050	Lime, dark, sandy -----	13	2,688
Anhydrite and red rock -	18	2,068	Lime, dark -----	11	2,699
Anhydrite -----	32	2,100	Lime, sandy, and water -	72	2,771
Anhydrite and red rock -	12	2,112	Sand, dry -----	4	2,775
Anhydrite, broken -----	8	2,120	Lime, sandy -----	23	2,798
Sand, brown -----	2	2,122	Lime, white -----	35	2,833

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
Well GG-42--Continued							
Shale, blue, sandy, and shells -----	17	2,850	Sand, brown, and lime --	3	2,965		
Shale, blue -----	5	2,855	Lime, broken -----	8	2,973		
Lime shells -----	1	2,856	Lime, brown -----	4	2,977		
Shale, blue -----	19	2,875	Lime, brown, sandy -----	7	2,984		
Lime, white -----	3	2,878	Lime, gray -----	24	3,008		
Sand, blue, hard -----	10	2,888	Sand, dry -----	2	3,010		
Shale, blue, sandy -----	13	2,901	Lime, brown -----	19	3,029		
Lime, gray -----	4	2,905	Sand -----	3	3,032		
Lime, brown -----	10	2,915	Lime -----	3	3,035		
Sand, hard, and water --	5	2,920	Shale, blue -----	4	3,039		
Lime, sandy -----	40	2,960	Sand -----	1	3,040		
Sand, soft -----	2	2,962	Lime, dark -----	8	3,048		

Well GG-79

Owner: D. W. McKay. Driller: Brown & Hancock.

Lime -----	60	60	Shale, blue -----	90	350
Shale, sandy -----	30	90	Shale, red -----	30	380
Shale -----	20	110	Shale, blue -----	5	385
Sand and water -----	15	125	Rock, red -----	22	407
Shale, yellow -----	25	150	Shale, blue -----	21	428
Shale, red -----	50	200	Lime, hard -----	17	445
Shale, blue -----	20	220	Shale, blue -----	5	450
Shale, red -----	30	250	Sand and water -----	15	465
Shale, sandy -----	10	260	Rock, red -----	78	543

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well GG-79--Continued					
Shale, red -----	67	610	Gravel -----	5	1,155
Lime -----	20	630	Lime -----	10	1,165
Rock, red -----	15	645	Shale, red, and red rock	69	1,234
Salt -----	12	657	Lime -----	7	1,241
Rock, red -----	83	740	Shale -----	16	1,257
Anhydrite and lime -----	10	750	Lime -----	8	1,265
Rock, red -----	95	845	Rock, red -----	5	1,270
Shale, red -----	5	850	Lime, hard -----	80	1,350
Lime, hard -----	45	895	Shale, green -----	5	1,355
Shale, red, and red rock	90	985	Lime, brown -----	55	1,410
Salt and anhydrite -----	20	1,005	Shale, blue -----	5	1,415
Rock, red -----	8	1,013	Lime, hard -----	19	1,434
Anhydrite -----	12	1,025	Shale, blue -----	14	1,448
Rock, red -----	5	1,030	Lime -----	6	1,454
Lime, gray -----	5	1,035	Shale, blue -----	21	1,475
Rock, red -----	30	1,065	Lime -----	10	1,485
Anhydrite -----	19	1,084	Shale -----	56	1,541
Lime -----	16	1,100	Lime -----	16	1,557
Shale, red, and red rock	45	1,145	Shale -----	7	1,564
Anhydrite and sand -----	5	1,150	Lime, hard -----	937	2,501

Well HH-3

Owner: -- Kokernot. Driller: Humble Oil & Refining Co.

Lime, gray -----	10	10	Clay, yellow, and lime -	10	30
Clay, yellow -----	10	20	Lime, gray -----	40	70

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well HH-3--Continued					
Clay, yellow -----	5	75	Lime, yellow -----	22	511
Lime, gray, broken ----	10	85	Lime, broken -----	13	524
Clay, yellow -----	10	95	Lime, gray -----	31	555
Lime, green, and yellow clay -----	15	110	Sand and water -----	7	562
Lime -----	15	125	Sand, lime, and shells -	18	580
Clay, yellow and lime --	25	150	Lime, gray -----	20	600
Lime, brown -----	45	195	Gumbo -----	15	615
Lime, yellow -----	95	290	Lime, gray -----	15	630
Lime, yellow, hard ----	5	295	Shale, pink, sandy, and gypsum -----	14	644
Lime, yellow -----	40	335	Red beds -----	7	651
Lime, gray -----	15	350	Shale, blue, sticky ----	7	658
Lime, yellow -----	5	355	Lime, broken, and gypsum	43	701
Lime, gray -----	10	365	Shale, blue, sticky ----	9	710
Lime, yellow -----	5	370	Missing -----	15	725
Lime, gray -----	12	382	Anhydrite -----	17	742
Shale, blue, lime, and gypsum -----	3	385	Shale, blue -----	28	770
Lime and shale -----	10	395	Anhydrite and shale ----	10	780
Shale and lime -----	10	405	Red beds -----	22	802
Lime, brown and blue ---	20	425	Anhydrite -----	73	875
Shale, blue, and lime shells -----	24	449	Red beds -----	30	905
Lime, broken -----	16	465	Anhydrite -----	7	912
Lime, gray -----	14	479	Lime, green, and anhydrite -----	13	925
Lime, broken -----	10	489	Sand and water -----	2	927

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well HH-3--Continued					
Lime and anhydrite -----	4	931	Limestone, black, and anhydrite -----	26	2,001
Anhydrite -----	7	938	Limestone, gray, and anhydrite -----	20	2,021
Sand, gray -----	2	940	Anhydrite -----	42	2,063
Lime, gray, sandy -----	36	976	Limestone, gray, and anhydrite -----	7	2,070
Lime, gray, and anhydrite	18	994	Lime, gray -----	10	2,080
Anhydrite -----	210	1,204	Anhydrite -----	128	2,208
Anhydrite and gypsum ---	62	1,266	Lime, gray, and anhydrite	17	2,225
Anhydrite -----	38	1,304	Anhydrite and lime ----	15	2,240
Lime, black -----	16	1,320	Anhydrite -----	38	2,278
Anhydrite -----	8	1,328	Anhydrite and lime ----	84	2,362
Lime, gray -----	12	1,340	Anhydrite -----	17	2,379
Lime -----	90	1,430	Anhydrite and lime ----	15	2,394
Anhydrite -----	160	1,590	Anhydrite -----	8	2,402
Lime, gray -----	5	1,595	Anhydrite and lime ----	19	2,421
Anhydrite -----	43	1,638	Anhydrite -----	25	2,446
Lime and anhydrite -----	22	1,660	Anhydrite and dolomite -	6	2,452
Lime -----	29	1,689	Anhydrite -----	25	2,477
Lime, gray, and anhydrite	43	1,732	Anhydrite and lime ----	8	2,485
Anhydrite -----	18	1,750	Anhydrite -----	15	2,500
Lime and anhydrite -----	53	1,803	Anhydrite and lime ----	28	2,528
Anhydrite -----	6	1,809	Anhydrite -----	42	2,570
Limestone, gray, and anhydrite -----	49	1,858	Anhydrite and lime ----	38	2,608
Anhydrite -----	36	1,894	Lime, gray, and water --	25	2,633
Anhydrite and gray lime-	81	1,975			

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well HH-3--Continued					
Lime, gray -----	27	2,660	Lime, gray -----	32	3,364
Sand, gray -----	9	2,669	Lime, brown -----	15	3,379
Lime, gray -----	4	2,673	Lime, gray, and anhydrite	91	3,470
Sand, gray -----	8	2,681	Lime, gray -----	39	3,509
Lime, gray -----	5	2,686	Lime and anhydrite -----	21	3,530
Limestone, gray and sand	14	2,700	Lime, gray, anhydrite, and gypsum -----	21	3,551
Lime, gray -----	10	2,710	Lime, gray, and anhydrite	194	3,745
Lime, broken, and anhydrite -----	5	2,715	Lime, gray -----	12	3,757
Salt -----	10	2,725	Lime, broken, and anhydrite -----	78	3,835
Lime, gray -----	13	2,738	Lime, broken -----	31	3,866
Lime, gray, and anhydrite	6	2,744	Lime, gray, and anhydrite	14	3,880
Lime, gray -----	16	2,760	Lime, broken, and anhydrite -----	1	3,881
Lime, gray, and anhydrite	88	2,848	Lime, black -----	124	4,005
Lime, broken, and anhydrite -----	11	2,859	Lime, black, and shale -	23	4,028
Lime, gray, and anhydrite	61	2,920	Lime, gray, and shale --	32	4,060
Lime, gray -----	36	2,956	Lime, black, and shale -	10	4,070
Lime, gray, and anhydrite	134	3,090	Lime, gray -----	7	4,077
Lime, gray -----	34	3,124	Lime, black, and shale -	10	4,087
Lime, gray, and anhydrite	41	3,165	Shale, gray, sandy -----	63	4,150
Lime, gray -----	22	3,187	Shale, black and gray, sandy -----	22	4,172
Lime, gray, and anhydrite	21	3,208	Sand and gray shale ----	48	4,220
Lime, gray -----	22	3,230	Shale, gray, dark, sandy	20	4,240
Lime and anhydrite -----	102	3,332			

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well HH-3--Continued					
Sand and gray shale ----	43	4,283	Shale, gray, dark, sandy	387	5,359
Shale, gray, dark, sandy	85	4,368	Lime shells, gray, and sandy, dark, gray shale	20	5,379
Shale, gray, sandy -----	12	4,380	Shale, gray, dark, sandy	404	5,783
Lime, dark, broken -----	12	4,392	Lime, gray, sandy -----	6	5,789
Lime, broken -----	16	4,408	Lime, gray, sandy, and shale -----	10	5,799
Shale, black, sandy, and lime shells -----	15	4,423	Shale, gray, hard, sandy, and lime shells -----	9	5,808
Shale and sandy, dark, gray lime -----	22	4,445	Lime, gray, dark, sandy-	7	5,815
Lime, gray, dark, and sandy shale -----	20	4,465	Lime, black, hard -----	4	5,819
Lime, gray, sandy -----	50	4,515	Lime, broken -----	2	5,821
Lime, gray -----	127	4,642	Lime and gray shale ----	7	5,828
Shale, gray, sandy -----	33	4,675	Lime and dark, gray shale	21	5,849
Shale, gray, hard, sandy	32	4,707	Lime and gray shale ----	9	5,858
Shale, gray, sandy -----	138	4,845	Lime and dark, gray shale	54	5,912
Shale, gray, hard, sandy	33	4,878	Lime and gray shale ----	93	6,005
Shale, gray, dark, sandy	22	4,900	Lime and dark, gray shale	15	6,020
Lime, gray, dark, sandy-	32	4,932	Lime and gray shale ----	53	6,073
Lime, gray, hard -----	16	4,948	Lime and dark, gray shale	18	6,091
Shale, gray, dark -----	24	4,972	Lime and gray shale ----	9	6,100

Well HH-4

Owner: Graef Bros. Driller: Eural James.

Gravel, surface -----	8	8	Gravel and clay -----	25	150
Conglomerate -----	117	125	Lime, white, hard -----	20	170

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well HH-4--Continued					
Gravel and clay -----	80	250	Gravel and clay -----	80	370
Lime, hard -----	30	280	Lime, hard -----	25	395
Gravel and limestone ---	10	290	Limestone, yellow clay, and gravel, water ----	55	450

Well HH-9, partial log

Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.

Caliche -----	45	45	Sand and gravel -----	15	515
Lime, yellow, hard ----	8	53	Lime, broken -----	10	525
Gravel -----	72	125	Lime -----	25	550
Clay, yellow -----	70	195	Lime, brown, and red rock	15	565
Shale -----	25	220	Rock, red, and sand ----	20	585
Gravel -----	10	230	Shale -----	5	590
Lime -----	10	240	Gravel -----	10	600
Clay, sand, and gravel -	35	275	Lime -----	40	640
Clay, yellow -----	40	315	Rock, red, broken, fine-	5	645
Sand and gravel -----	5	320	Lime and water -----	151	796
Clay, yellow -----	10	330	Lime, brown -----	4	800
Gravel -----	11	341	Lime and shale -----	10	810
Clay, yellow, soft, muddy -----	49	390	Lime -----	10	820
Shale, yellow -----	40	430	Lime, red -----	5	825
Shale -----	15	445	Lime and water -----	40	865
Shale and lime -----	10	455	Lime and shale -----	15	880
Clay, yellow, soft ----	5	460	Lime -----	15	895
Lime, yellow, hard ----	40	500	Lime, brown, hard -----	12	907

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well HH-9--Continued					
Shale, red -----	1	908	Lime, white -----	35	1,275
Lime, brown -----	12	920	Lime, gray -----	20	1,295
Lime and water -----	95	1,015	Lime, white -----	110	1,405
Lime and gravel -----	65	1,080	Lime, gray -----	65	1,470
Lime, hard -----	5	1,085	Lime and shale -----	5	1,475
Lime -----	30	1,115	Lime, gray -----	7	1,482
Lime and white sand ----	5	1,120	Shale, blue -----	21	1,503
Lime, white -----	30	1,150	Lime and shale -----	10	1,513
Lime -----	30	1,180	Lime -----	8	1,521
Lime, white -----	45	1,225	Total Depth -----		3,800
Lime and shale -----	15	1,240			

Well HH-10, partial log

Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.

Caliche -----	8	8	Lime and gravel -----	20	265
Gravel -----	12	20	Caliche and gravel ----	60	325
Caliche and gravel ----	75	95	Lime -----	10	335
Caliche -----	12	107	Lime, sandy -----	50	385
Gravel -----	13	120	Clay and gravel -----	60	445
Caliche -----	10	130	Sand and water -----	5	450
Clay -----	15	145	Lime -----	15	465
Gravel and caliche ----	50	195	Shale -----	35	500
Caliche -----	20	215	Clay, sticky -----	30	530
Lime -----	25	240	Shale -----	25	555
Gravel -----	5	245	Lime -----	35	590

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well HH-10--Continued					
Clay and gravel -----	25	615	Lime -----	8	925
Shale -----	20	635	Lime and gypsum -----	20	945
Shale, sandy -----	20	655	Lime -----	25	970
Shale -----	10	665	Shale and lime -----	15	985
Lime -----	10	675	Lime -----	70	1,055
Shale -----	10	685	Conglomerate -----	15	1,070
Lime -----	100	785	Lime -----	25	1,095
Sand -----	5	790	Shale -----	5	1,100
Lime -----	5	795	Lime -----	5	1,105
Lime, sandy -----	10	805	Lime and chert -----	15	1,120
Lime -----	10	815	Lime and shale -----	10	1,130
Lime and anhydrite -----	15	830	Lime -----	10	1,140
Lime -----	70	900	Clay -----	10	1,150
Sand and water -----	17	917	Total Depth -----		1,396

Well HH-15, partial log

Owner: David McGill. Driller: Royce Hemmline.

Surface -----	7	7	Sand, limestone, trachyte, gravel, and pebbles --	7	147
Clay, reddish buff, slightly sandy -----	18	25	Gravel, limestone, and sand -----	23	170
Gravel and limestone ---	5	30	Clay, pinkish-buff, and gravel -----	8	178
Sand, fine- to coarse- grained, gravel, and limestone -----	76	106	Gravel and sand -----	5	183
Clay, buff, arenaceous, fine- to coarse-grained gravel, limestone, and chert -----	29	135	Clay, pinkish-buff -----	8	191
Sand, limestone, and chert	5	140	Sand and gravel -----	10	201
			Total Depth -----		421

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well HH-19					
Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.					
Gravel -----	40	40	Lime -----	28	668
Caliche -----	25	65	Lime, gray -----	12	680
Caliche and gravel -----	40	105	Lime -----	7	687
Caliche -----	35	140	Lime, gray -----	18	705
Shale, yellow -----	45	185	Lime -----	17	722
Shale, blue -----	95	280	Shale, blue -----	6	728
Shale, yellow -----	10	290	Lime -----	25	753
Caliche, yellow -----	20	310	Shale, blue -----	27	780
Shale, blue -----	35	345	Lime, gray -----	78	858
Shale and lime shells --	125	470	Shale, gray -----	2	860
Shale, blue -----	65	535	Lime, gray -----	12	872
Lime and brown shale ---	5	540	Lime, broken -----	8	880
Shale, blue -----	5	545	Lime -----	14	894
Shale and lime -----	15	560	Lime, gray, and gypsum -	20	914
Shale -----	8	568	Lime, gray -----	6	920
Shale, blue -----	2	570	Lime -----	27	947
Shale and lime shells --	2	572	Lime, gray -----	13	960
Lime -----	13	585	Lime <i>pts</i> -----	14	974
Lime, gray -----	15	600	Lime, gray -----	28	1,002
Lime and sand -----	10	610	Shale and lime shells --	15	1,017
Shale and gypsum -----	10	620	Lime -----	28	1,045
Shale, blue -----	11	631	Lime, gray -----	19	1,064
Lime, gray -----	9	640	Lime -----	18	1,082

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well HH-19--Continued					
Lime, gray -----	33	1,115	Lime and sand -----	17	1,332
Lime, broken -----	5	1,120	Sand -----	20	1,352
Shale, blue -----	8	1,128	Lime -----	12	1,364
Lime -----	10	1,138	Sand -----	6	1,370
Lime and broken shale --	12	1,150	Shale, sandy -----	20	1,390
Lime, gray -----	24	1,174	Lime -----	5	1,395
Shale, blue -----	57	1,231	Lime, sandy -----	15	1,410
Lime -----	84	1,315			

Well HH-21

Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.

Cellar -----	5	5	Lime, gray -----	60	585
Lime -----	5	10	Gravel -----	5	590
Lime, white -----	15	25	Rock, red -----	47	637
Lime, yellow -----	45	70	Lime, yellow -----	10	647
Rock, red -----	10	80	Lime, white -----	18	665
Sand -----	5	85	Lime, gray -----	56	721
Lime, sandy -----	50	135	Lime, yellow -----	164	885
Lime, yellow -----	205	340	Lime, gray -----	435	1,320
Rock, red -----	10	350	Lime, white -----	10	1,330
Lime, gray -----	10	360	Lime, gray -----	1,097	2,427
Lime, yellow -----	165	525			

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
<i>Elev. 4086'</i> Well HH-22					
Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.					
Soil and caliche -----	10	10	Lime, yellow -----	14	495
Caliche and gravel -----	40	50	Lime, gray and yellow --	25	520
Gravel -----	10	60	Lime, gray -----	15	535
Caliche and gravel -----	15	75	Lime, yellow and gray --	20	555
Lime, gray -----	10	85	Lime, gray -----	35	590
Lime -----	40	125	Lime, brown -----	10	600
<i>2 1/2</i> Lime, brown -----	15	140	Lime, brown and yellow -	27	627
Lime, yellow -----	5	145	Lime, gray -----	48	675
Lime -----	20	165	Lime, gray and yellow --	28	703
Lime, yellow -----	10	175	Lime, gray -----	12	715
Lime, gray -----	45	220	Lime, gray and yellow --	15	730
Lime -----	3	223	Lime, gray -----	15	745
Lime, gray -----	13	236	Lime, yellow and gray --	16	761
Lime, yellow -----	39	275	Lime, gray -----	6	767
Lime, yellow and gray --	10	285	Lime, yellow and gray --	18	785
Lime, blue and gray ----	20	305	Lime, gray -----	55	840
Lime, gray and brown ---	30	335	Lime, gray and brown ---	16	856
Lime, yellow -----	20	355	Lime, brown -----	4	860
Lime, yellow and gray --	30	385	Lime, gray -----	10	870
Lime, yellow -----	20	405	Lime, yellow and gray --	14	884
Lime, yellow and gray --	40	445	Lime, blue and gray ----	2	886
Lime, brown -----	20	465	Lime, gray -----	7	893
Lime, yellow and gray --	16	481	Lime and broken shale --	2	895

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well HH-22--Continued					
Lime, broken, and water-	40	935	Lime, blue and gray ----	7	1,120
Lime, gray and brown ---	5	940	Lime, gray -----	100	1,220
Lime, gray -----	70	1,010	Lime, blue and gray ----	6	1,226
Lime, yellow -----	5	1,015	Lime, yellow and gray --	9	1,235
Lime, gray -----	41	1,056	Lime, gray -----	7	1,242
Dolomite -----	13	1,069	Lime, yellow -----	26	1,268
Lime, blue and gray ---	10	1,079	Lime, gray -----	32	1,300
Lime, gray -----	5	1,084	Lime, gray and brown ---	10	1,310
Lime, blue and gray ---	5	1,089	Lime, gray -----	20	1,330
Shale and broken lime --	6	1,095	Lime, brown -----	7	1,337
Lime, gray -----	18	1,113			

Well JJ-2, partial log

Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.

Cellar -----	5	5	Lime, gray -----	25	295
Caliche -----	15	20	Lime, blue -----	20	315
Caliche and lime -----	30	50	Lime, gray -----	5	320
Lime, gray -----	65	115	Lime, broken, and shale breaks -----	50	370
Lime, yellow -----	25	140	Lime, broken, and shale-	72	442
Sand, yellow -----	25	165	Lime shells and blue shale -----	19	461
Lime, yellow -----	30	195	Lime, gray, and shale breaks -----	15	476
Sand, yellow -----	5	200	Shale, brown -----	39	515
Lime with sandy, yellow shale breaks -----	25	225	Lime, gray -----	25	540
Lime, yellow -----	45	270			

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well JJ-2--Continued					
Shale, black -----	10	550	Lime, white -----	70	1,970
Shale, brown, hard ----	25	575	Lime, gray, sandy ----	15	1,985
Lime, gray -----	20	595	Lime, gray -----	60	2,045
Shale, black, hard ----	15	610	Lime, white -----	50	2,095
Lime, black -----	10	620	Lime, gray -----	15	2,110
Lime, gray, sandy ----	40	660	Lime, white, and shale breaks -----	15	2,125
Shale, blue, sandy ----	35	695	Lime, gray, sandy ----	15	2,140
Lime, gray, sandy ----	50	745	Lime, gray -----	15	2,155
Lime, blue, sandy ----	20	765	Lime, white -----	15	2,170
Lime, gray -----	35	800	Lime, gray, and water --	30	2,200
Sand and water ----	5	805	Lime, white -----	10	2,210
Lime, gray -----	13	818	Lime, gray -----	20	2,230
Sand, hard -----	4	822	Lime, white -----	10	2,240
Lime, gray -----	3	825	Lime, gray -----	20	2,260
Lime, brown -----	290	1,115	Lime, white -----	10	2,270
Lime, gray -----	150	1,265	Lime, gray -----	20	2,290
Lime, gray, dark ----	20	1,285	Lime, white -----	5	2,295
Lime, gray -----	330	1,615	Lime, gray -----	20	2,315
Lime, gray, and water --	285	1,900	Total Depth -----		2,322

Well JJ-9

Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.

Surface -----	7	7	Shale -----	10	60
Caliche -----	43	50	Shale, blue -----	10	70

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well JJ-9--Continued					
Lime, broken -----	45	115	Rock, red -----	95	750
Shale, blue -----	10	125	Shale, red, and shells -	40	790
Lime -----	115	240	Rock, red -----	8	798
Sand, yellow -----	5	245	Lime -----	12	810
Gravel -----	20	265	Shale and shells -----	45	855
Sand -----	10	275	Lime, broken -----	40	895
Lime and broken sand ---	35	310	Lime -----	10	905
Sand, yellow -----	10	320	Lime, broken -----	10	915
Sand -----	45	365	Lime, sandy -----	20	935
Shale, gray -----	25	390	Lime, broken -----	80	1,015
Shale, blue -----	15	405	Lime and sand -----	35	1,050
Lime and shale -----	45	450	Lime -----	25	1,075
Lime, broken -----	70	520	Shale -----	12	1,087
Shale, blue -----	20	540	Shale, blue -----	3	1,090
Lime, broken -----	30	570	Lime -----	443	1,533
Rock, red -----	55	625	Lime, sandy -----	5	1,538
Shale, red -----	30	655	Lime -----	213	1,751

Well JJ-12

Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.

Gravel -----	35	35	Lime -----	15	110
Lime -----	10	45	Caliche -----	70	180
Sand -----	25	70	Lime, brown -----	5	185
Gravel -----	5	75	Caliche and shale breaks	30	215
Sand -----	20	95	Shale -----	10	225

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well JJ-12--Continued					
Lime -----	10	235	Lime, broken -----	15	920
Shale -----	5	240	Lime -----	15	935
Lime, broken -----	40	280	Lime and shale -----	15	950
Lime -----	175	455	Lime -----	50	1,000
Lime and gravel -----	35	490	Shale -----	30	1,030
Lime -----	50	540	Limestone -----	5	1,035
Lime, broken -----	20	560	Rock, red, and lime ----	5	1,040
Lime -----	20	580	Lime -----	15	1,055
Lime and gravel -----	10	590	Lime and shale -----	15	1,070
Lime -----	50	640	Shale -----	10	1,080
Clay -----	20	660	Lime -----	10	1,090
Lime, broken, and yellow clay breaks -----	20	680	Lime and shale breaks --	15	1,105
Sand and water -----	5	685	Lime -----	5	1,110
Lime -----	70	755	Shale and shells -----	10	1,120
Lime, broken -----	5	760	Shale -----	5	1,125
Lime -----	25	785	Lime -----	25	1,150
Gravel -----	10	795	Sand -----	10	1,160
Lime -----	60	855	Lime -----	80	1,240
Lime and shale breaks --	25	880	Lime, broken -----	5	1,245
Lime -----	25	905	Lime -----	85	1,330

Well JJ-15

Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.

Cellar -----	5	5	Caliche -----	20	25
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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well JJ-15--Continued					
Caliche, lime, and shale	20	45	Lime, sandy, broken ----	30	670
Lime and caliche breaks-	55	100	Lime, sandy -----	40	710
Lime -----	20	120	Lime, gray -----	150	860
Lime and caliche -----	25	145	Lime, gray, broken ----	23	883
Lime, gray -----	10	155	Lime, sandy -----	7	890
Lime -----	12	167	Lime, gray -----	20	910
Sand -----	33	200	Lime, gray, broken ----	65	975
Lime, yellow, and sand breaks -----	30	230	Lime, broken -----	10	985
Shale, red -----	10	240	Lime and shale breaks --	15	1,000
Lime, yellow -----	30	270	Lime, broken -----	30	1,030
Lime -----	20	290	Lime, gray -----	30	1,060
Lime, broken, sandy ----	35	325	Lime, broken -----	30	1,090
Shale, blue -----	50	375	Lime, gray -----	60	1,150
Shale, blue, and lime shells -----	30	405	Lime, broken -----	85	1,235
Shale, blue -----	78	483	Lime, gray -----	30	1,265
Gravel -----	2	485	Lime, gray, and anhydrite	10	1,275
Lime, yellow -----	65	550	Lime, gray -----	55	1,330
Lime -----	10	560	Lime, broken -----	20	1,350
Shale, blue -----	10	570	Lime, gray, and shale breaks -----	35	1,385
Lime, yellow, sandy ----	10	580	Lime, gray -----	125	1,510
Lime, yellow -----	20	600	Lime, gray, and sandy shale breaks -----	60	1,570
Lime, gray -----	35	635	Lime, broken -----	15	1,585
Lime -----	5	640	Shale, blue, sandy ----	10	1,595
			Shale, red, sandy -----	15	1,610

Table 5.--Drillers' logs of wells in Pecos County--Continued

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

Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.

Gravel -----	35	35	Lime, gray -----	10	605
Caliche -----	25	60	Lime, blue, sandy -----	20	625
Lime, white -----	24	84	Lime, gray, and gray shale breaks -----	60	685
Lime -----	16	100	Lime, gray -----	230	915
Caliche -----	35	135	Lime, gray, broken -----	20	935
Sand, yellow -----	10	145	Lime, gray -----	45	980
Caliche -----	8	153	Lime, brown -----	80	1,060
Sand, yellow, and caliche shells -----	32	185	Lime, broken -----	20	1,080
Caliche -----	35	220	Lime, gray -----	25	1,105
Lime, gray -----	30	250	Lime, gray and brown ---	20	1,125
Lime, broken -----	20	270	Lime, broken -----	20	1,145
Lime, yellow -----	85	355	Lime, gray -----	25	1,170
Lime, brown -----	40	395	Lime, broken -----	15	1,185
Lime, gray -----	50	445	Lime, gray -----	40	1,225
Lime, brown -----	35	480	Lime -----	20	1,245
Lime, gray -----	45	525	Lime, gray -----	49	1,294
Lime, yellow -----	70	595			

Well KK-7

Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.

Limerock, brown and white, hard -----	25	25	Limerock, brown and white, hard -----	31	100
Caliche, gravel, and limerock -----	44	69	Limerock, gray and white, hard -----	86	186

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well KK-7--Continued					
Limerock, white, gray and dark gray, hard --	36	222	Lime, dolomite, and white crystal streaks-	132	1,003
Lime, gray and brown, hard -----	67	289	Lime, gray, hard, and dolomite with light sand streaks -----	77	1,080
Sand, light brown, and water -----	131	420	Lime, gray, with light dolomite streaks, and anhydrite -----	110	1,190
Sand, white and gray, hard, with brown lime streaks -----	74	494	Lime, gray, with sandy streaks, and dolomite-	115	1,305
Shale, red, with brown and white sand streaks	111	605	Lime, gray, and light streaks of dolomite and sand -----	68	1,373
Shale, red, and sand, with streaks of lime and brown shale -----	118	723	Lime, gray, sandy, sand, and dolomite streaks -	122	1,495
Lime, gray, sandy, and sand -----	92	815	Lime, gray and brown ---	25	1,520
Lime, gray and brown, with streaks of sand and dolomite -----	56	871			

Well KK-10

Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.

Caliche -----	25	25	Lime, gray -----	14	244
Caliche and lime -----	30	55	Lime, blue -----	11	255
Lime, yellow -----	10	65	Lime, gray and yellow --	10	265
Caliche -----	5	70	Lime, yellow -----	7	272
Lime, yellow -----	104	174	Sand -----	18	290
Lime, yellow and blue --	12	186	Lime, yellow, sandy ----	47	337
Lime, gray -----	34	220	Sand -----	3	340
Lime, blue -----	10	230	Sand and lime -----	14	354

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well KK-10--Continued					
Gravel, sandy -----	31	385	Anhydrite and gray lime-	20	800
Lime, sandy -----	47	432	Lime, gray -----	171	971
Lime, gray -----	348	780			

Well KK-17

Owner: Elsinore Cattle Co. Driller: Hunt Oil Co.

Cellar -----	5	5	Lime, yellow -----	17	587
Caliche -----	10	15	Lime, gray -----	153	740
Lime, yellow -----	25	40	Sand, white, fine-grained	20	760
Lime, white -----	155	195	Lime, gray -----	40	800
Lime, gray -----	10	205	Shale, yellow, sandy ---	10	810
Lime, yellow -----	85	290	Lime, gray -----	208	1,018
Lime, gray -----	10	300	Lime, brown -----	12	1,030
Lime, yellow -----	90	390	Lime, gray -----	20	1,050
Lime, gray -----	10	400	Lime -----	20	1,070
Shale, yellow, and lime-	135	535	Lime, gray -----	43	1,113
Shale, black -----	35	570			

Well MM-1

Owner: R. Henderson. Driller: Walsh et al.

Lime -----	50	50	Lime, broken, yellow ---	50	265
Gravel, yellow -----	30	80	Lime, white -----	40	305
Lime, white -----	75	155	Lime, yellow -----	30	335
Gravel, yellow -----	15	170	Lime, white -----	27	362
Lime -----	45	215	Lime -----	66	428

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well MM-1--Continued					
Shale, blue -----	30	458	Lime -----	37	1,039
Sand, yellow -----	57	515	Lime and anhydrite ----	26	1,065
Sand -----	30	545	Rock, red -----	10	1,075
Sand, yellow -----	17	562	Anhydrite -----	10	1,085
Shale, blue -----	48	610	Anhydrite and lime ----	20	1,105
Shale, sandy -----	8	618	Anhydrite -----	20	1,125
Rock, red -----	47	665	Lime -----	11	1,136
Rock, red, sandy ----	10	675	Anhydrite -----	57	1,193
Rock, red -----	25	700	Rock, red and anhydrite-	42	1,235
Shale, white -----	60	760	Anhydrite -----	121	1,356
Lime -----	2	762	Lime -----	49	1,405
Shale -----	6	768	Anhydrite -----	7	1,412
Sand, white -----	12	780	Lime, brown -----	28	1,440
Lime -----	10	790	Lime -----	7	1,447
Shale -----	40	830	Lime and anhydrite ----	8	1,455
Lime -----	28	858	Anhydrite -----	8	1,463
Lime, broken -----	42	900	No record -----	21	1,484
Anhydrite -----	22	922	Lime -----	10	1,494
Lime and anhydrite ----	5	927	Anhydrite and lime ----	34	1,528
Shale, blue -----	13	940	Lime, brown -----	20	1,548
Lime, brown -----	10	950	Lime and anhydrite ----	22	1,570
Shale, blue -----	25	975	Anhydrite -----	70	1,640
Lime -----	20	995	Lime -----	4	1,644
Lime, hard, white ----	7	1,002	Anhydrite and sand, brown	76	1,720

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well MM-1--Continued					
Anhydrite and lime -----	25	1,745	Lime, sandy -----	48	2,375
Anhydrite and sand, brown	20	1,765	Shale, blue -----	20	2,395
Anhydrite, sand, brown and lime shells -----	85	1,850	Lime, sandy -----	30	2,425
Anhydrite -----	5	1,855	Sand -----	68	2,493
Shale, brown and gypsum-	18	1,873	Sand and shale, brown --	25	2,518
Lime -----	9	1,882	Lime and shale breaks --	15	2,533
Sand and lime -----	43	1,925	Lime -----	24	2,557
Lime -----	25	1,950	Shale and lime breaks --	53	2,610
Lime, and shale, broken-	60	2,010	Lime, brown -----	37	2,647
Lime -----	305	2,315	Lime, gray -----	63	2,710
No record -----	12	2,327	Lime -----	177	2,887

Well MM-3

Owner: -- Michalson. Driller: Thompson & Minshall.

Clay, yellow -----	15	15	Red beds -----	15	480
Caliche -----	55	70	Lime, sandy -----	39	519
Shale, blue -----	110	180	Lime -----	9	528
Lime -----	12	192	Rock, red -----	22	550
Shale -----	60	252	Sand, white -----	5	555
Sand, water -----	18	270	Rock, red -----	15	570
Lime -----	30	300	Sand -----	10	580
Sand, white -----	80	380	Shale, red -----	20	600
Shale, red -----	50	430	Sand -----	5	605
Sand -----	35	465	Shale, red -----	45	650

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well MM-3--Continued							
Sand -----	8	658	Sand -----	3	1,635		
Rock, red -----	22	680	Lime -----	39	1,674		
Sand, hard -----	10	690	Sand -----	11	1,685		
Rock, red -----	20	710	Anhydrite -----	2	1,687		
Sand, no water -----	11	721	Shale, breaks -----	16	1,703		
Red beds -----	4	725	Red beds -----	7	1,710		
Sand -----	3	728	Anhydrite -----	500	2,210		
Red beds -----	32	760	Salt -----	25	2,235		
Lime -----	5	765	Anhydrite -----	55	2,290		
Rock, red, sandy -----	33	798	Salt -----	104	2,394		
Shale, red -----	67	865	Anhydrite -----	122	2,516		
Sand -----	10	875	Lime, gray -----	47	2,563		
Shale, red -----	210	1,085	Anhydrite -----	32	2,595		
Rock, red, sandy -----	52	1,137	Lime, gray -----	24	2,619		
Shale, red -----	26	1,163	Lime, brown -----	235	2,854		
Rock, red -----	72	1,235	Shale, red -----	20	2,874		
Shale, red -----	170	1,405	Anhydrite, gypsum and sand	23	2,897		
Sand -----	37	1,442	Sand -----	3	2,900		
Anhydrite -----	43	1,485	Lime, sandy -----	10	2,910		
Shale, blue -----	15	1,500	Shale, blue -----	22	2,932		
Sand and anhydrite, water	38	1,538	Lime, sandy -----	30	2,962		
Sand and anhydrite -----	48	1,586	Shale, blue -----	28	2,990		
Shale, red -----	4	1,590	Sand -----	2	2,992		
Lime -----	42	1,632	Lime, sandy -----	58	3,050		

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well MM-3--Continued					
Lime, gray -----	205	3,255	Lime, gray -----	5	3,285
Rock, red, shale -----	5	3,260	Lime, sandy -----	10	3,295
Shale, blue -----	20	3,280	Sand, gray -----	9	3,304

Well MM-25

Owner: M. Cerf. Driller: World Oil Co.

Soil and lime gravel ---	12	12	Sand, white -----	11	505
Lime, white -----	48	60	Lime, hard -----	2	507
Anhydrite -----	10	70	Shale, mixed, and sand -	21	528
Clay -----	5	75	Lime, white -----	5	533
Lime -----	25	100	Sand, yellow -----	37	570
Lime and shells -----	10	110	Lime shells, gray, sandy	30	600
Lime, broken -----	90	200	Shale, blue -----	5	605
Lime -----	35	235	Lime, gray -----	10	615
Lime, hard -----	25	260	Lime, blue -----	13	628
Lime, white -----	95	355	Lime, hard, blue, sandy-	7	635
Red beds -----	5	360	Lime, hard, gray -----	85	720
Clay, yellow -----	20	380	Lime, soft, water -----	5	725
Lime, white -----	40	420	Lime, blue-gray -----	15	740
Lime, gray -----	20	440	Lime, brown -----	10	750
Sand, gray -----	5	445	Lime, gray -----	240	990
Lime -----	5	450	Lime, sandy -----	10	1,000
Sand, hard -----	10	460	Lime, gray -----	25	1,025
Sand, hard, red -----	15	475	Shale, lime -----	10	1,035
Sand, gray -----	19	494	Lime, gray, sandy -----	40	1,075

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well MM-25--Continued					
Sand -----	15	1,090	Lime, gray -----	165	1,750
Lime, sandy -----	14	1,104	Lime, brown -----	30	1,780
Shale, blue -----	11	1,115	Lime, brownish-gray ----	20	1,800
Lime, sandy, blue shale breaks -----	25	1,140	Lime, hard, gray -----	10	1,810
Sand, gray -----	20	1,160	Lime, brown -----	25	1,835
Shale, blue -----	15	1,175	Lime, gray -----	10	1,845
Lime, hard, gray -----	15	1,190	Lime, hard, brown -----	15	1,860
Shale, blue -----	25	1,215	Lime, gray -----	10	1,870
Lime, white -----	5	1,220	Lime, brown -----	10	1,880
Shale, blue -----	25	1,245	Lime, gray -----	5	1,885
Lime, gray -----	20	1,265	Lime, brown -----	5	1,890
Lime, brown -----	30	1,295	Lime, gray -----	60	1,950
Lime, gray -----	10	1,305	Lime, brown, hard -----	35	1,985
Lime shells, gray, and shale -----	10	1,315	Lime, gray -----	20	2,005
Shale, blue -----	10	1,325	Lime, brown -----	5	2,010
Lime shells, shale, blue	40	1,365	Lime, gray -----	15	2,025
Lime, gray -----	120	1,485	Lime, brown -----	10	2,035
Shale, blue -----	10	1,495	Lime, gray -----	20	2,055
Lime, gray -----	5	1,500	Lime, broken, gray -----	10	2,065
Sand -----	25	1,525	Lime, brown -----	25	2,090
Lime, gray -----	30	1,555	Lime, gray -----	20	2,110
Lime, brown -----	25	1,580	Lime, brown -----	10	2,120
Sand, gray -----	5	1,585	Lime, gray -----	10	2,130
			Lime, brown -----	60	2,190

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well MM-25--Continued

Lime, gray -----	10	2,200	Slate, blue -----	15	2,895
Lime, brown -----	30	2,230	Lime, blue -----	30	2,925
Lime, gray -----	65	2,295	Lime shells, blue, slate	15	2,940
Lime, brown -----	105	2,400	Lime, gray -----	25	2,965
Lime, gray -----	10	2,410	Lime, blue -----	15	2,980
Lime, brown -----	25	2,435	Lime, gray -----	100	3,080
Lime, gray -----	205	2,640	Lime, dark-gray -----	30	3,110
Lime, broken -----	15	2,655	Lime, brown -----	5	3,115
Lime, gray -----	20	2,675	Lime, gray -----	20	3,135
Lime, gray, broken ----	35	2,710	Lime, dark-gray -----	55	3,190
Lime, blue -----	15	2,725	Lime, gray -----	65	3,255
Lime, blue, shale breaks	10	2,735	Lime, blue -----	10	3,265
Lime, blue -----	25	2,760	Lime, gray -----	85	3,350
Lime, blue, shale breaks	40	2,800	Slate, blue -----	5	3,355
Slate, blue -----	25	2,825	Lime, gray -----	35	3,390
Shale, blue, lime and shale -----	30	2,855	Lime, gray, broken, slate, blue -----	15	3,405
Slate, lime shells ----	15	2,870	Lime, gray -----	30	3,435
Lime, blue -----	10	2,880	Lime, broken, gray, slate, blue -----	70	3,505

Well NN-9

Owner: Blackstone & Slaughter. Driller: Transcontinental Oil Co.

Lime, white -----	58	58	Shale, blue -----	15	275
Lime, pink -----	2	60	Lime, white -----	115	390
Lime, white -----	200	260	Lime, brown -----	25	415

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well NN-9--Continued					
Lime, blue -----	15	430	Slate, blue -----	10	1,195
Lime, black -----	5	435	Shale, lime, blue, and shell -----	25	1,220
Gravel -----	5	440	Lime, gray -----	120	1,340
Sand, brown -----	35	475	Lime, black -----	5	1,345
Sand, red -----	25	500	Shale, blue, lime shells	30	1,375
Sand, yellow -----	15	515	Lime, gray -----	15	1,390
Lime, brown -----	5	520	Shale, blue -----	10	1,400
Shale, blue -----	25	545	Lime, gray -----	5	1,405
Lime, blue -----	90	635	Lime, broken -----	3	1,408
Lime shells, shell ----	60	695	Lime, gray -----	10	1,418
Shale, blue -----	45	740	Shale, blue -----	52	1,470
Lime, blue -----	70	810	Lime -----	10	1,480
Lime, gray -----	185	995	Shale, blue -----	28	1,508
Lime, blue -----	15	1,010	Lime, brown -----	2	1,510
Lime shells, blue, and shale -----	20	1,030	Sand, oil -----	8	1,518
Lime, black -----	20	1,050	Lime, brown, sandy ----	2	1,520
Lime, gray -----	15	1,065	Shale, sandy -----	20	1,540
Lime, black -----	15	1,080	Lime -----	5	1,545
Lime, gray -----	10	1,090	Shale -----	10	1,555
Lime, blue -----	5	1,095	Lime -----	5	1,560
Lime, gray -----	55	1,150	Shale -----	15	1,575
Sand, water -----	5	1,155	Slate -----	10	1,585
Sand, black -----	20	1,175	Sand, white -----	15	1,600
Lime, gray -----	10	1,185	Shale, blue -----	10	1,610

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well NN-9--Continued					
Lime, blue -----	5	1,615	Slate, black -----	45	2,235
Shale, soft -----	20	1,635	Shale, black or slate --	385	2,620
Lime, white, sandy ----	15	1,650	Slate, sandy black ----	20	2,640
Sand, white -----	10	1,660	Shale, black -----	55	2,695
Shale, blue, sandy ----	35	1,695	Shale, blue -----	280	2,975
Sand, gray -----	30	1,725	Shale, black -----	65	3,040
Shale, gray, sandy ----	55	1,780	Shale, blue -----	25	3,065
Sand, white -----	5	1,785	Shale, black -----	135	3,200
Slate, gray -----	10	1,795	Shale, blue -----	5	3,205
Lime, gray -----	55	1,850	Shale, black -----	120	3,325
Sand, gray, dry -----	45	1,895	Lime, blue -----	5	3,330
Sand, light -----	45	1,940	Shale, black -----	207	3,537
Shale, light, sandy ----	10	1,950	Sand, gray -----	8	3,545
Shale, soft, white ----	30	1,980	Shale, blue -----	15	3,560
Lime, gray -----	25	2,005	Sand, brown -----	10	3,570
Shale, gray, sandy ----	45	2,050	Sand, broken -----	20	3,590
Sand, hard, gray -----	15	2,065	Shale, lime shells ----	35	3,625
Lime, gray, soft -----	25	2,090	Shale, black -----	245	3,870
Shale -----	10	2,100	Shale, gray, sandy ----	25	3,895
Lime, chalky -----	10	2,110	Shale, black -----	287	4,182
Sand, gray, dry -----	30	2,140	Lime, gray -----	8	4,190
Shale, blue, shelly ----	25	2,165	Shale, black -----	270	4,460
Lime, gray -----	20	2,185	Lime, gray, sandy ----	20	4,480
Sand, white -----	5	2,190	Shale, black, lime shells	130	4,610

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Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well NN-9--Continued					
Shale, black -----	13	4,623	Sand, quartz -----	57	4,835
Lime, gray -----	27	4,650	Shale, black -----	75	4,910
Shale, lime shells -----	35	4,685	Lime, sandy -----	5	4,915
Lime, gray, sandy -----	75	4,760	Shale, black, soft -----	73	4,988
Sand, gray -----	18	4,778			

Well PP-12

Owner: Corder Ranch. Driller: Benedum & Trees.

Cellar -----	8	8	Rock, red -----	255	910
Clay and gravel -----	15	23	Anhydrite -----	70	980
Lime, white -----	97	120	Rock, red -----	85	1,065
Lime, yellow -----	30	150	Anhydrite -----	35	1,100
Lime, gray -----	65	215	Rock, red -----	50	1,150
Lime, white -----	20	235	Anhydrite -----	25	1,175
Lime, yellow -----	5	240	Rock, red -----	15	1,190
Lime, white -----	20	260	Sand, water -----	5	1,195
Lime, yellow -----	5	265	Sand, red -----	45	1,240
Lime, gray -----	100	365	Rock, red -----	5	1,245
Sand, yellow -----	145	510	Sand, and anhydrite, water -----	475	1,720
Lime, gray -----	35	545	Anhydrite -----	40	1,760
Shale, blue -----	55	600	Shell, rock, red -----	90	1,850
Slate -----	10	610	Lime, gray -----	45	1,895
Shale, blue -----	20	630	Sand, water -----	19	1,914
Lime, gray -----	5	635	Lime, gray -----	99	2,013
Slate, gray -----	20	655			

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Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-12--Continued					
Anhydrite -----	47	2,060	Lime -----	40	3,200
Sand, white -----	10	2,070	Shale -----	95	3,295
Lime -----	17	2,087	Lime -----	15	3,310
Anhydrite -----	18	2,105	Shale -----	45	3,355
Iron -----	10	2,115	Lime -----	35	3,390
Anhydrite -----	80	2,195	Slate and shells -----	45	3,435
Lime, hard -----	303	2,498	Lime, hard -----	12	3,447
Lime, dark -----	12	2,510	Shale -----	30	3,477
Lime, hard -----	22	2,532	Lime -----	3	3,480
Lime -----	363	2,895	Lime, black -----	190	3,670
Lime, sandy -----	6	2,901	Lime, brown -----	40	3,710
Lime, dark -----	149	3,050	Lime, brown, sandy -----	3	3,713
Shale and shells -----	110	3,160	Lime, black, sandy -----	2	3,715

Well TT-14

Owner: West-Pyle Cattle Co. Driller: Hugh Gray.

Soil and boulders -----	7	7	Sand -----	5	335
Lime, yellow -----	53	60	Sand, rock, soft -----	45	380
Lime, brown -----	20	80	Sand -----	15	395
Lime, yellow -----	35	115	Sand, rock and shale ---	2	397
Lime, blue -----	30	145	Sand, water -----	8	405
Lime, yellow -----	35	180	Sand, rock -----	15	420
Lime, white -----	55	235	Sand -----	7	427
Lime, yellow -----	55	290	Sand, rock -----	13	440
Lime, brown -----	20	310	Sand -----	11	451
Lime, sandy -----	20	330			

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well UU-21					
Owner: T. P. Russell. Driller: Gibson Oil Corp.					
Lime -----	4	4	Sand, black, water -----	10	1,005
Lime, hard, white -----	206	210	Shale, blue -----	50	1,055
Lime, soft, yellow -----	15	225	Lime, sandy -----	110	1,165
Lime, white -----	65	290	Lime, hard, white -----	56	1,221
Lime, soft, yellow -----	90	380	Shale -----	9	1,230
Lime, hard, white -----	60	440	Lime shells, broken -----	31	1,261
Lime, yellow, white -----	70	510	Shale -----	9	1,270
Lime, yellow -----	119	629	Lime, white, hard -----	6	1,276
Lime, black, sandy -----	11	640	Lime shell, broken -----	9	1,285
Lime, soft, yellow -----	20	660	Lime and shale -----	37	1,322
Sand, white, soft -----	10	670	Shale, lime, broken -----	26	1,348
Sand, yellow -----	30	700	Lime, hard -----	2	1,350
Sand, brown -----	37	737	Shale -----	13	1,363
Sand, yellow -----	30	767	Lime, hard -----	10	1,373
Shale -----	10	777	Shale, black -----	10	1,383
Shale, blue -----	23	800	Lime -----	12	1,395
Lime, sandy -----	70	870	Lime, hard, black -----	35	1,430
Shale, blue, lime -----	10	880	Shale -----	8	1,438
Shale -----	20	900	Lime -----	5	1,443
Lime -----	15	915	Shale -----	42	1,485
Shale, blue, grain lime-	25	940	Lime, sandy -----	10	1,495
Shale, blue -----	45	985	Shale, cave -----	35	1,530
Sand, water -----	10	995	Lime, sandy -----	5	1,535

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well UU-21--Continued					
Shale -----	15	1,550	Shale, black -----	10	2,000
Lime -----	5	1,555	Lime, black, hard -----	40	2,040
Shale, black -----	50	1,605	Lime -----	9	2,049
Shale, sandy -----	40	1,645	Shale, black -----	5	2,054
Lime -----	5	1,650	Lime, black, broken ----	21	2,075
Shale, blue -----	10	1,660	Lime, black, hard -----	20	2,095
Lime, hard, white -----	10	1,670	Lime, broken, shale, black -----	10	2,105
Shale, bad cave -----	25	1,695	Lime shells, broken ----	55	2,160
Shale, black -----	26	1,721	Lime, white, hard -----	5	2,165
Lime, hard, white -----	5	1,726	Lime, broken -----	50	2,215
Shale, blue -----	39	1,765	Lime, grain -----	20	2,235
Shale, black -----	6	1,771	Iron -----	10	2,245
Lime, hard, white -----	74	1,845	Shale, gray -----	20	2,265
Sand, soft, brown -----	30	1,875	Shale, lime, black -----	38	2,303
Lime, hard, white -----	5	1,880	Shale, black -----	30	2,333
Lime, black, hard -----	20	1,900	Shale, sandy -----	77	2,410
Sand, grain -----	10	1,910	Shale, black -----	95	2,505
Lime, black, hard -----	16	1,926	Lime -----	5	2,510
Lime, black, sandy -----	61	1,987	Shale, black -----	510	3,020
Lime, hard -----	3	1,990			

Well WW-11

Owner: H. A. Smith. Driller: Hugh Cox.

Clay -----	175	175	Sandrock -----	155	355
Lime, blue -----	25	200	Soapstone -----	85	440

(Continued on next page)

Table 5.--Drillers' logs of wells in Pecos County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well WW-11--Continued

Lime, blue -----	80	520	Lime, gray -----	20	540
Water -----	-	520			

Well WW-13

Owner: H. A. Smith. Driller: Hugh Cox.

Clay and gravel -----	400	400	Shale, blue -----	35	465
Limestone, gray -----	20	420	Sandrock, blue -----	15	480
Soapstone -----	10	430	Shale, brown and sandrock	35	515

Well WW-15

Owner: H. A. Smith. Driller: Ligon Drilling Co.

Lime, white and yellow -	240	240	Lime, blue -----	267	635
Lime, blue -----	5	245	Lime or slate, black ---	75	710
Sand, yellow -----	123	368			

TABLE 6

WATER LEVELS IN WELLS

IN

PECOS COUNTY, TEXAS

Table 6.--Water levels in wells in Pecos County, Texas
(In feet below land-surface datum)

Date	Water level	Date	Water level	Date	Water level
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Well A-96. Owner: Red Bluff Lumber & Hardware Co.

Sept.20, 1957	144.80	Feb. 28, 1958	147.28	July 26, 1958	147.90
Oct. 16	145.46	Mar. 17	146.74	Aug. 20	148.50
Nov. 18	146.30	Apr. 18	147.12	Sept.20	148.95
Dec. 16	146.53	May 19	146.96	Jan. 24, 1959	149.15
Jan. 27, 1958	146.14	June 24	147.05		

Well A-107. Owner: Jim Broyles.

Jan. 27, 1958	196.80	Apr. 17, 1958	206.36	Aug. 20, 1958	238.04
Feb. 28	201.19	June 25	229	Sept.20	250
Mar. 17	201	July 26	235.35	Jan. 23, 1959	203.10

Well A-123. Owner: L. M. Freeman.

May 16, 1957	186.60	Dec. 16, 1957	199.71	Mar. 17, 1958	184.41
June 24	202.70	Jan. 28, 1958	194.36	Apr. 17	198.57
Nov. 18	208.24	Feb. 28	186.06		

Well A-163. Owner: Bill Tipton.

Mar. 17, 1957	235.45	Oct. 16, 1957	279.77	May 29, 1958	263.19
May 16	254.98	Nov. 18	266.94	June 25	273.73
June 24	253.10	Dec. 16	257.89	July 26	288.30
July 16	266.55	Jan. 29, 1958	248.45	Aug. 20	302.53
Aug. 19	278.74	Feb. 28	242.98	Jan. 25, 1959	275.02
Sept.20	285.	Mar. 17	241.80		
Oct. 8	283.17	Apr. 17	254.27		

Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well B-66. Owner: George Atkins Estate.

Jan. 19, 1955	23.33	Oct. 16, 1957	25.32	May 19, 1958	25.20
Dec. 6	24.55	Nov. 18	26.25	Aug. 20	26.40
Nov. 26, 1956	25.91	Dec. 16	26.05	Sept.20	27.07
Dec. 12	25.65	Feb. 28, 1958	23.84	Jan. 26, 1959	26.45
Aug. 19, 1957	25.65	Mar. 17	25.41		
Sept.20	26.10	Apr. 17	25.14		

Well B-87. Owner: City of Imperial.

June 6, 1957	115.50	Dec. 16, 1957	115.64	June 25, 1958	136.02
July 16	119.70	Jan. 17, 1958	120.76	July 26	147.66
Aug. 19	143.40	Feb. 28	120.31	Aug. 20	154.34
Sept.20	150.70	Mar. 17	120.34	Sept.20	163.55
Oct. 16	138.33	Apr. 17	128.66	Jan. 20, 1959	127.62
Nov. 18	127.82	May 19	130.42		

Well C-33. Owner: Fred Quintela.

Oct. 25, 1946	15.82	Jan. 27, 1952	21.31	July 15, 1957	20.19
Dec. 5	16.38	Dec. 8	22.43	Aug. 16	20.36
Jan. 30, 1947	16.77	Dec. 6, 1953	23.65	Sept.18	20.21
Mar. 4, 1948	18.30	Dec. 2, 1954	22.67	Oct. 15	20.37
May 6	18.29	Dec. 7, 1955	19.50	Nov. 19	20.40
Sept.15	23.53	Dec. 13, 1956	20.11	Dec. 20	20.49
Nov. 8	20.22	Apr. 15, 1957	20.54	Jan. 22, 1958	20.62
Mar. 8, 1949	20.70	May 16	20.54	Mar. 18	20.78
Mar. 4, 1950	21.28	June 19	20.10	Jan. 26, 1959	21.38

Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
Well C-41. Owner: Ralph Fogleman.					
Oct. 22, 1946	15.35	Dec. 8, 1952	20.95	May 16, 1957	20.69
Dec. 5	15.72	Dec. 6, 1953	22.72	June 19	20.36
Jan. 30, 1947	16.28	Dec. 2, 1954	22.21	July 15	20.51
Sept. 15, 1948	18.05	Dec. 7, 1955	20.23	Aug. 16	20.70
Mar. 7, 1949	21.23	Dec. 13, 1956	21.32	Dec. 20	20.81
Mar. 4, 1950	19.50	Apr. 15, 1957	20.65	Jan. 26, 1959	21.21

Well C-47. Owner: L. A. Heagy.

Oct. 21, 1946	11.79	Mar. 8, 1949	15.24	Apr. 15, 1957	17.09
Dec. 12	12.42	Mar. 4, 1950	15.98	May 16	17.23
Jan. 30, 1947	13.47	Jan. 27, 1952	15.43	June 19	16.78
Mar. 4	13.79	Dec. 7	17.19	July 15	16.89
Aug. 13	a38.20	Dec. 6, 1953	18.98	Aug. 16	17.01
Sept. 6	14.40	Dec. 2, 1954	18.93	Dec. 20	17.34
Nov. 9	14.60	Dec. 7, 1955	16.57	Jan. 26, 1959	18.95

a Pumping.

Well C-59. Owner: W. K. Heagy.

Oct. 21, 1946	12.31	Dec. 8, 1952	18.24	Aug. 16, 1957	16.28
Dec. 5	12.44	Dec. 6, 1953	18.96	Sept. 18	16.50
Jan. 30, 1947	12.61	Dec. 2, 1954	18.77	Oct. 15	16.60
Mar. 4, 1948	14.60	Dec. 8, 1955	16.48	Nov. 19	16.44
Sept. 17	17.36	Dec. 13, 1956	15.74	Dec. 20	16.55
Nov. 9	17.02	Apr. 15, 1957	16.32	Jan. 22, 1958	16.38
Mar. 8, 1949	16.57	May 16	16.27	Jan. 28, 1959	17.60
Mar. 4, 1950	16.12	June 19	15.83		
Jan. 24, 1952	16.79	July 15	16.03		

Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well C-63. Owner: W. A. Simmons.

Jan. 30, 1947	11.52	Nov. 9, 1948	15.32	Dec. 6, 1953	17.76
June 6	11.57	Mar. 7, 1949	15.38	Dec. 2, 1954	16.74
12	a52.04	Mar. 4, 1950	14.04	Dec. 8, 1955	15.09
Mar. 4, 1948	13.58	Jan. 24, 1952	14.75	Dec. 13, 1956	14.59
Sept.17	15.75	Dec. 8	16.45	Dec. 20, 1957	15.98

a Pumping.

Well C-103. Owner: Catholic Foundation.

Oct. 22, 1946	38.63	Dec. 6, 1953	44.84	Aug. 16, 1957	40.28
Dec. 13	38.58	Dec. 2, 1954	43.67	Sept.18	41.04
Jan. 30, 1947	38.23	Dec. 7, 1955	40.79	Oct. 15	40.66
Mar. 4, 1948	40.34	Dec. 13, 1956	39.91	Nov. 18	40.02
Nov. 5	49.52	Apr. 15, 1957	40.72	Dec. 20	40.13
Mar. 7, 1949	44.52	May 16	40.12	Jan. 22, 1958	40.04
Mar. 6, 1950	45.07	June 19	40.13	Mar. 18	39.96
Jan. 24, 1952	44.42	July 15	40.72	Jan. 26, 1959	40.92

Well C-119. Owner: Richard Cochran.

Feb. 8, 1947	24.90	Nov. 4, 1948	36.82	Dec. 7, 1955	36.54
8	26.82	Mar. 7, 1949	33.71	Dec. 13, 1956	39.27
9	a61.60	Mar. 4, 1950	c34.82	Apr. 15, 1957	39.07
9	a80.50	Jan. 24, 1952	c39.38	May 16	39.13
9	a87.50	Dec. 8	39.73	June 19	38.61
10	26.95	Dec. 6, 1953	41.01	July 15	38.02
Aug. 18, 1948	a72.75	Dec. 2, 1954	39.85	Aug. 16	39.36

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a Pumping. c Nearby well being pumped.

Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
Well C-119--Continued					
Sept. 18, 1957	39.98	Nov. 18, 1957	39.49	Jan. 22, 1958	38.92
Oct. 15	40.12	Dec. 20	39.36	Mar. 18	38.76

Well D-5. Owner: Oliver L. Grove.

Oct. 22, 1946	11.95	Mar. 9, 1949	14.95	Dec. 7, 1955	15.01
Dec. 12	12.36	Mar. 6, 1950	15.06	Dec. 13, 1956	14.95
Jan. 30, 1947	12.52	Jan. 27, 1952	14.85	Dec. 20, 1957	15.84
May 1	a56.50	Dec. 7	15.87	Jan. 28, 1959	17.47
Mar. 4, 1948	14.30	Dec. 6, 1953	17.29		
Nov. 10	14.27	Dec. 2, 1954	16.95		

a Pumping.

Well D-9. Owner: Eugene Grove.

Oct. 22, 1946	10.66	Dec. 6, 1953	16.06	Aug. 16, 1957	13.97
Dec. 12	10.26	Dec. 2, 1954	15.44	Sept. 18	13.52
Jan. 30, 1947	10.52	Dec. 7, 1955	13.39	Oct. 15	13.89
Nov. 10, 1948	12.76	Dec. 13, 1956	13.20	Nov. 19	13.97
Mar. 9, 1949	13.41	Apr. 15, 1957	13.95	Dec. 20	14.08
Mar. 6, 1950	13.55	May 16	13.86	Jan. 22, 1958	14.22
Jan. 27, 1952	13.44	June 19	13.53	Jan. 28, 1959	15.28
Dec. 7	14.58	July 15	13.74		

Well D-21. Owner: A. E. Simmons.

Oct. 25, 1946	18.26	Jan. 20, 1947	18.94	Mar. 4, 1948	20.24
Dec. 12	20.35	Apr. 22	a57.80	Aug. 13	a59.50

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a Pumping.

Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
Well D-21--Continued					
Nov. 10, 1948	20.93	Dec. 7	21.87	Dec. 13, 1956	21.05
Mar. 9, 1949	21.30	Dec. 6, 1953	22.84	Apr. 15, 1957	21.54
Mar. 6, 1950	21.21	Dec. 2, 1954	22.32	Dec. 20	21.10
Jan. 27, 1952	21.11	Dec. 7, 1955	20.72		

Well D-22. Owner: C. W. Mitchell.

Oct. 25, 1946	17.08	Dec. 7, 1952	19.41	Oct. 18, 1957	19.06
June 11, 1948	17.15	Dec. 6, 1953	20.37	Dec. 20	19.17
Nov. 10	16.09	Dec. 2, 1954	20.10	Jan. 28, 1959	20.50
Mar. 9, 1949	16.75	Dec. 7, 1955	18.76		
Jan. 27, 1952	18.10	Dec. 13, 1956	18.82		

Well D-25. Owner: R. T. Stribling.

Oct. 22, 1946	18.82	Mar. 9, 1949	21.12	Dec. 2, 1954	22.32
Dec. 12	19.27	Mar. 6, 1950	22.22	Dec. 7, 1955	21.32
Jan. 30, 1947	19.44	Jan. 27, 1952	22.18	Jan. 28, 1959	14.61
Mar. 4, 1948	20.39	Dec. 7	22.17		
Nov. 10	20.80	Dec. 6, 1953	22.86		

Well D-33. Owner: George Brown.

Oct. 24, 1946	16.14	Dec. 8, 1955	19.25	June 19, 1957	19.30
Nov. 10, 1948	18.06	Dec. 13, 1956	19.70	July 15	19.32
Mar. 10, 1949	18.32	Apr. 15, 1957	19.94	Aug. 16	19.53
Dec. 2, 1954	20.08	May 16	19.76	Dec. 20	19.72

Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well D-41. Owner: G. C. Holladay.

Oct. 22, 1946	15.10	Dec. 7, 1952	18.39	Aug. 16, 1957	19.10
Dec. 12	15.66	Dec. 6, 1953	19.53	Sept. 18	19.33
Jan. 30, 1947	15.85	Dec. 2, 1954	19.67	Oct. 15	19.45
Mar. 4, 1948	16.85	Dec. 8, 1955	18.03	Nov. 18	19.33
Sept. 29	18	Dec. 13, 1956	19.41	Dec. 20	19.38
Nov. 11	16.83	Apr. 15, 1957	19.67	Jan. 22, 1958	19.41
Mar. 10, 1949	17.54	May 16	19.44	Jan. 28, 1959	20.15
Mar. 6, 1950	17.69	June 19	18.85		
Jan. 27, 1952	17.13	July 15	18.89		

Well D-46. Owner: L. J. Colls.

Oct. 22, 1946	13.66	Jan. 24, 1952	16.59	June 19, 1957	16.15
Dec. 12	13.93	Dec. 8	17.89	July 15	16.66
Jan. 30, 1947	13.75	Dec. 6, 1953	18.75	Aug. 16	17.05
June 10	14.31	Dec. 2, 1954	17.80	Sept. 18	16.98
Mar. 4, 1948	15.15	Dec. 8, 1955	17.08	Oct. 15	17.35
Nov. 11	16.37	Dec. 13, 1956	17.60	Nov. 19	17.35
Mar. 9, 1949	16.47	Apr. 15, 1957	17.90	Dec. 20	17.47
Mar. 6, 1950	16.32	May 16	18.27	Jan. 22, 1958	17.55

Well D-72. Owner: Leona M. Mueller.

Feb. 3, 1947	19.60	Dec. 8, 1955	24.69	Aug. 16, 1957	22.65
Mar. 9, 1949	21.83	Dec. 13, 1956	25.49	Sept. 18	23.59
Dec. 8, 1952	23.54	May 16, 1957	23.92	Jan. 28, 1959	23.78
Dec. 6, 1953	24.03	June 19	22.16		
Dec. 2, 1954	23.77	July 15	19.37		

Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
Well D-78. Owner: N. A. Holladay.					
Dec. 12, 1946	12.49	Dec. 7, 1952	16.62	Aug. 16, 1957	16.92
24	12.04	Dec. 6, 1953	17.50	Sept. 18	17.04
Jan. 30, 1947	12.78	Dec. 2, 1954	17.65	Oct. 15	17.20
Mar. 4, 1948	14.55	Dec. 8, 1955	16.35	Nov. 19	16.47
Nov. 11	15.64	Dec. 13, 1956	16.89	Dec. 20	16.70
Mar. 10, 1949	14.33	Apr. 15, 1957	17.06	Jan. 22, 1958	16.79
10	15.32	May 16	17.04	Jan. 28, 1959	17.22
Mar. 6, 1950	14.98	June 19	16.69		
Jan. 27, 1952	15.39	July 15	16.78		

Well D-93. Owner: W. J. Holladay.					
Oct. 22, 1946	14.06	Jan. 27, 1952	16.30	July 15, 1957	16.43
Dec. 12	15.17	Dec. 7	16.93	Aug. 16	16.49
Jan. 30, 1947	14.15	Dec. 6, 1953	17.28	Sept. 18	16.69
June 6	12.80	Dec. 2, 1954	17.33	Oct. 15	16.82
6	a36.12	Dec. 8, 1955	17.24	Nov. 19	17.68
Mar. 4, 1948	15.23	Dec. 13, 1956	16.93	Dec. 20	17.59
Aug. 27	19.15	Apr. 15, 1957	16.89	Jan. 22, 1958	17.57
Mar. 9, 1949	16.06	May 16	16.76	Jan. 28, 1959	16.90
Mar. 6, 1950	15.95	June 19	16.49		

a Pumping.

Well F-89. Owner: D. J. Sibley.					
Dec. 4, 1946	159.40	Feb. 28, 1958	153.80	Sept. 20, 1958	163.81
July 5, 1957	152	Mar. 17	151.65	Jan. 25, 1959	164.83

Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well F-93. Owner: Mrs. H. D. Mendel.

Mar. 8, 1940	168.50	Feb. 28, 1958	161.45	June 25, 1958	162.47
Nov. 27, 1946	162	Mar. 17	165.98	Aug. 20	161.15
Jan. 19, 1955	161.22	Apr. 19	162.87	Sept. 20	162.60
Dec. 6	161.10	May 22	162.37	Jan. 22, 1959	164.88

Well F-94. Owner: Billy Sol Estes.

Aug. 15, 1957	202.15	Jan. 15, 1958	111.26	June 25, 1958	208.10
Nov. 24	145.53	Mar. 17	85.27	Jan. 22, 1959	150.74
Dec. 16	133.13	June 5	211.77		

Well G-16. Owner: --

Oct. 23, 1946	53.10	Aug. 19, 1957	29.79	Apr. 17, 1958	31.98
Jan. 19, 1955	58.50	Sept. 20	22.99	May 19	33.03
Dec. 6	61.13	Oct. 16	26.45	June 25	19.76
Dec. 12, 1956	66.84	Nov. 18	25.07	Sept. 20	75.54
Apr. 16, 1957	55.10	Dec. 16	27.40	Jan. 26, 1959	75.70

Well K-16. Owner: Girvin School.

Apr. 17, 1957	29.31	Aug. 16, 1957	29.07	Dec. 19, 1957	29.03
May 15	27.57	Sept. 18	29.86	Jan. 21, 1958	28.80
June 19	27.23	Oct. 15	30.09		
July 15	28.23	Nov. 19	29.35		

Well L-24. Owner: Jack Adamson.

Dec. 28, 1948	53.72	Dec. 6, 1952	85.84	Dec. 14, 1956	92.44
Feb. 22, 1950	55.77	Dec. 6, 1953	90.78	Oct. 1, 1957	97.72
Jan. 26, 1952	73.48	Dec. 8, 1955	89.65		

Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well L-29. Owner: H. B. Thompson.

Feb. 27, 1950	67.68	Jan. 26, 1952	84.22	Dec. 8, 1955	100.48
June 10	78.29	Dec. 7	96.35	Dec. 14, 1956	101.87
Aug. 5	83.25	Dec. 6, 1953	100.28		
Mar. 21, 1951	74.63	Dec. 1, 1954	102.43		

Well L-33. Owner: Jack Adamson.

Jan. 26, 1952	72.01	Dec. 1, 1954	93.24	Oct. 1, 1957	102.13
Dec. 6	85.90	Dec. 8, 1955	90.05		
Dec. 7, 1953	90.37	Dec. 14, 1956	92.39		

Well L-54. Owner: Noel E. Johnston.

Apr. 11, 1947	53.13	Mar. 21, 1951	70.30	Dec. 8, 1955	92.64
Mar. 6, 1948	54.27	Jan. 26, 1952	76.57	Dec. 14, 1956	94.35
May 20	59.45	Dec. 7	91.72	Feb. 10, 1958	85.65
Dec. 29	57.55	Dec. 6, 1953	90.48		
Feb. 9, 1950	62.76	Dec. 1, 1954	93.30		

Well L-57. Owner: D. S. Warren.

Dec. 9, 1946	53.58	Feb. 27, 1950	59.07	Feb. 14, 1958	84.88
Mar. 6, 1948	53.91	May 16	67.71		
Dec. 23	56.06	Mar. 21, 1951	69.10		

Well L-67. Owner: Tom Warren.

Mar. 6, 1948	45.02	Jan. 26, 1952	61.74	Dec. 14, 1956	82.88
Dec. 29	46.41	Dec. 7	72.89	May 15, 1957	86.21
Feb. 27, 1950	49.23	Dec. 6, 1953	78.42	June 19	79.31
May 16	53.70	Dec. 1, 1954	81.32		

Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well L-78. Owner: Jake Broyles.

Aug. 2, 1948	39.11	Dec. 7, 1952	55.63	Dec. 17, 1956	64.37
Dec. 30	36.55	Dec. 6, 1953	59.77	Feb. 10, 1958	62.67
Feb. 9, 1950	38.70	Dec. 1, 1954	62.41		
Jan. 26, 1952	47.50	Dec. 8, 1955	63.36		

Well L-83. Owner: M. R. Tripp.

Aug. 2, 1948	37.43	Jan. 26, 1952	42.60	Dec. 8, 1955	55.25
Dec. 30	36.67	Dec. 7	47.94	Feb. 7, 1958	54.60
Feb. 9, 1950	37.52	Dec. 6, 1953	51.72		

Well N-19. Owner: Texas Highway Department.

June 18, 1942	172.50	May 14, 1957	175.46	Mar. 17, 1958	177.07
Jan. 20, 1955	171.88	June 25	175.69	Apr. 20	177.77
Dec. 7	173.27	July 8	176.39	July 26	179.32
Jan. 10, 1957	174.70	Sept. 21	180.44	Sept. 21	180.71
Feb. 14	173.80	Oct. 18	178.32	Jan. 21, 1959	178.45
Mar. 13	174.59	Nov. 19	178.67		
Apr. 16	175.01	Jan. 27, 1958	177.40		

Well P-17. Owner: D. J. Sibley.

Nov. 23, 1946	44.30	Feb. 14, 1957	59.18	July 16, 1957	91.73
Jan. 25, 1952	55.68	Mar. 12	61.80	Aug. 19	99.37
Dec. 6	52.91	Apr. 16	83.51	Oct. 16	90.73
Dec. 2, 1954	54.26	May 16	85.11	Nov. 18	77.90
Jan. 19, 1955	51.64	June 3	81.09	Dec. 16	72.49
Dec. 18, 1956	62.64	24	84.45	Jan. 17, 1958	69.69

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Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
Well P-17--Continued					
Feb. 28, 1958	67.20	May 22, 1958	81.55	Sept. 20, 1958	120.22
Mar. 17	72.06	July 26	114.89	Jan. 22, 1959	72.78
Apr. 17	92.94	Aug. 20	122.15		

Well P-62. Owner: George Baker:

June 16, 1947	84.20	Jan. 7, 1956	b105.50	Feb. 14, 1957	117.23
Dec. 3, 1954	99.65	Apr. 12	100.30	Jan. 30, 1958	121.08
Jan. 20, 1955	99.40	Dec. 18	116.09	Jan. 22, 1959	116.10

b Pumped recently.

Well P-71. Owner: Chandler Co.

Dec. 5, 1953	13.58	Mar. 13, 1957	29.18	Jan. 27, 1958	24.10
Dec. 3, 1954	14.19	Apr. 16	84.06	Feb. 4	22.58
Jan. 20, 1955	7.42	May 22	71.40	Mar. 20	67.20
Feb. 9	8.91	Sept. 21	85.28	May 5	70.22
Dec. 7	10.98	Oct. 17	62.72	June 27	95.08
Dec. 18, 1956	22.92	Nov. 18	40.03	July 15	101.68
Feb. 14, 1957	22.19	Dec. 15	31.80	Jan. 22, 1959	29.46

Well P-114. Owner: Wesley Whitman.

Nov. 24, 1957	117.35	Jan. 29, 1958	98.20	May 23, 1958	131.54
28	115.52	Feb. 17	99.17	June 27	158.86
Dec. 12	110.42	Mar. 20	129.59		
Jan. 22, 1958	99.37	Apr. 28	146.28		

Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well P-115. Owner: Wesley Whitman.

Nov. 28, 1957	105.77	Jan. 22, 1958	91.97	Oct. 10, 1958	148.40
Dec. 12	100.77	July 28	155.00	Nov. 13	120.94
17	99.41	Aug. 28	159.35	Jan. 22, 1959	90.35

Well P-135. Owner: George Baker.

June 16, 1947	168.80	Dec. 3, 1954	173.60	Sept. 9, 1957	181.20
June 25, 1950	170.90	Jan. 7, 1956	175.78	Mar. 3, 1958	181.41
				Jan. 22, 1959	197.30

Well Q-40. Owner: Harrison Dyche.

Apr. 14, 1947	38.50	Dec. 5, 1953	62.19	Nov. 13, 1957	73.64
Mar. 14, 1950	39.90	Dec. 2, 1954	57.82	Jan. 28, 1958	74.67
Jan. 25, 1952	51.36	Dec. 7, 1955	63.26	Jan. 21, 1959	81.51
Dec. 6	54.57	Jan. 9, 1957	72.00		

Well Q-78. Owner: Paul Counts.

Sept. 16, 1957	124.59	Feb. 28, 1958	66.46	Aug. 4, 1958	141.90
Oct. 17	80.48	Mar. 17	68.80	20	147.76
Nov. 18	73.23	Apr. 17	104.98	Oct. 6	85.99
Dec. 16	81.61	May 20	103.30	Jan. 23, 1959	87.40
Jan. 23, 1958	71.75	June 25	116.08		

Well Q-130. Owner: Ernest Riggs.

June 6, 1947	14.20	Dec. 6, 1952	16.78	Jan. 19, 1955	14.21
July 8, 1948	16.50	Dec. 5, 1953	20.10	Dec. 6	12.65
Nov. 30, 1951	16.56	Dec. 2, 1954	19.24	Jan. 9, 1957	23.67

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Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
Well Q-130--Continued					
Feb. 13, 1957	21.57	Sept. 20, 1957	44.32	Apr. 17, 1958	31.17
Mar. 12	23.28	Oct. 16	44.17	May 19	37.24
Apr. 15	30.05	Nov. 18	40.07	June 25	43.46
May 16	32.49	Dec. 16	34.70	July 26	52.55
June 24	30.33	Jan. 17, 1958	26.17	Aug. 20	58.35
July 16	34.75	Feb. 28	23.70	Sept. 20	57.38
Aug. 19	38.72	Mar. 17	25.13	Jan. 22, 1959	32.73

Well Q-153. Owner: Leon Land & Cattle Co.

Nov. 30, 1951	25.55	Feb. 13, 1957	31.95	Sept. 21, 1957	48.34
Jan. 25, 1952	a64.99	Mar. 12	32.74	Oct. 17	47.66
Dec. 8	41.48	Apr. 16	61.23	Nov. 19	46.71
Dec. 3, 1954	a62.84	June 3	60.44	Dec. 26	45.36
Dec. 6, 1955	24.97	25	50.23		
Jan. 8, 1957	35.48	Aug. 20	48.32		

a Pumping.

Well Q-154. Owner: Leon Land & Cattle Co.

June 3, 1957	57.00	Nov. 19, 1957	58.13	Apr. 24, 1958	61.29
25	57.55	Jan. 29, 1958	35.17	June 27	75.71
Aug. 20	76.56	Feb. 17	34.00	July 28	96.83
Oct. 17	74.50	Mar. 20	34.06	Jan. 22, 1959	42.28

Well Q-163. Owner: T. B. Armentrout.

Dec. 14, 1957	58.91	Feb. 17, 1958	53.40	Apr. 28, 1958	64.60
Jan. 27, 1958	54.32	Mar. 20	57.09	May 31	65.42

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Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
Well Q-163--Continued					
June 27, 1958	67.57	Aug. 28, 1958	85.76	Nov. 13	71.94
July 29	71.20	Oct. 10	72.88	Jan. 22, 1959	52.74

Well Q-177. Owner: The Texas Co.

June 28, 1949	103.0	Mar. 12, 1957	107.08	Jan. 17, 1958	107.20
May 29, 1950	103	Apr. 15	119.77	Feb. 28	107
Nov. 28, 1951	104.80	June 3	107.38	Mar. 17	110.07
Jan. 25, 1952	102.63	25	121.87	Apr. 17	120.75
Dec. 6	103.78	July 16	146.95	May 19	105.66
Dec. 5, 1953	103.27	Aug. 19	170.68	June 25	136.63
Dec. 2, 1954	104.08	Sept. 20	186.83	Aug. 20	182.92
Dec. 6, 1955	102.66	Oct. 17	189.59	Sept. 20	195.75
Dec. 18, 1956	106.45	Nov. 18	178.31	Jan. 25, 1959	107.64
Feb. 14, 1957	105.34	Dec. 16	128.80		

Well Q-179. Owner: Santa Fe Railway Co.

Oct. 25, 1946	116.40	Jan. 9, 1957	124.25	June 24, 1957	141.70
June 23, 1949	116.50	Mar. 14	128.43	Dec. 18	147.42
Nov. 29, 1951	120.20	Apr. 16	142.95	Jan. 17, 1958	127.84
Jan. 25, 1952	116.90	May 15	161.56		
Dec. 8	121.16	June 3	130.60		

Well Q-199. Owner: City of Ford Stockton.*

Oct. 21, 1946	51.77	Dec. 13, 1949	53.01	Jan. 6, 1950	52.89
June 28, 1949	53.67	Jan. 4, 1950	52.14	9	53.43
Aug. 10	51.65	5	52.18	May 26	53.95

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Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
Well Q-199--Continued					
May 27, 1950	53.96	July 11, 1955	a79	Aug. 15, 1955	77
Mar. 15, 1955	57	12	a81	16	78
23	59	13	a84	17	79
25	59	14	a85	18	81
Apr. 5	a58	15	a88	19	82
14	a60	16	a87	20	83
18	62	17	a89	22	83
26	62	18	a89	23	85
May 9	61	19	a87	24	87
10	62	20	68	25	88
16	62	21	61	26	90
17	61	22	59	27	93
19	a56	24	59	29	94
23	a61	31	58	30	95
25	a63	Aug. 3	60	31	94
June 1	a62	4	60	Sept. 1	94
2	a62	5	60	2	94
6	a60	6	63	3	97
July 2	71	8	66	4	97
5	a75	9	68	6	99
6	76	10	70	7	99
7	76	11	71	8	98
8	a79	12	73	9	99
9	a81	13	75	10	100

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Table 6:--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
Well Q-199--Continued					
Sept. 12, 1955	99	Nov. 28, 1955	53	June 11, 1956	135
13	98	Jan. 17, 1956	54	14	153
14	100	Feb. 1	53	15	153
15	100	18	59	19	154
19	97	25	54	20	154
20	96	Mar. 21	57	30	156
21	95	28	58	July 10	154
22	95	Apr. 7	64	15	164
23	95	9	67	19	169
26	90	13	a72	20	170
27	89	16	a78	22	175
28	86	18	a82	Aug. 10	175
29	85	25	a88	20	180
30	81	27	a90	Sept. 9	172
Oct. 1	74	30	a94	Oct. 9	176
4	62	May 7	106	17	176
5	61	12	114	20	168
6	59	15	115	22	155
7	56	21	124	24	151
10	57	25	131	26	150
11	57	26	131	Nov. 3	146
17	54	31	136	5	144
25	54	June 4	135	7	142
Nov. 10	53	8	130	8	140

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Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
Well Q-199--Continued					
Nov. 10, 1956	135	Apr. 21, 1957	74	Aug. 25, 1957	124
14	122	25	75	31	130
15	120	30	80	Sept. 3	130
17	115	May 8	85	5	135
19	110	16	88	10	135
22	100	21	85	17	135
23	90	27	85	25	135
26	80	June 1	56	30	137
27	75	3	55	Oct. 5	140
30	65	18	65	15	140
Dec. 3	60	23	70	22	136
4	57	26	72	25	135
11	55	July 1	77	Nov. 2	130
21	55	5	85	8	130
Jan. 10, 1957	55	9	90	12	127
28	54	15	95	18	127
Mar. 6	55	22	98	20	125
14	55	25	100	29	115
19	58	Aug. 5	110	Dec. 3	110
25	60	8	112	4	107
30	63	12	115	5	105
Apr. 2	66	16	118	6	102
11	68	19	96	9	96
15	70	22	123	11	92

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Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
Well Q-199--Continued					
Dec. 13, 1957	88	May 12, 1958	85	Sept. 29, 1958	132
14	84	13	70	Oct. 1	130
16	77	14	66	6	125
17	74	26	57	9	124
18	71	June 7	64	13	124
19	70	9	66	20	122
20	69	13	72	28	121
21	68	18	77	Nov. 6	119
23	64	23	82	11	119
27	58	July 8	94	18	119
29	56	14	98	Dec. 6	115
30	58	17	104	8	114
Jan. 3, 1958	56	21	107	13	109
14	56	Aug. 3	122	17	105
Feb. 8	56	6	124	18	101
27	56	12	127	22	98
Mar. 15	58	13	127	26	90
19	62	19	130	Jan. 2, 1959	76
22	60	27	134	7	70
Apr. 1	63	30	137	14	60
12	69	Sept. 2	140	17	58
21	73	8	143	21	57
May 1	80	16	140	30	58
5	85	22	139	Feb. 4	56

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Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
Well Q-199--Continued					
Feb. 10, 1959	57	Apr. 6, 1959	75	May 4, 1959	92
Mar. 10	57	15	77	12	97
16	61	22	82	16	105
21	63	27	87		
Apr. 1	70	May 1	90		

* Air-line measurements reported by owner, 1955-59.

a Pumping.

Well Q-222. Owner: Texas Highway Department.

Oct. 5, 1949	54.32	Dec. 2, 1954	60.02	Oct. 15, 1957	100.78
6	56.25	Jan. 20, 1955	47.81	Nov. 18	89.15
8	58.91	Feb. 10	51.03	Dec. 18	86.35
10	55.61	Dec. 7	51.89	Jan. 17, 1958	65.31
14	49.09	Jan. 9, 1957	67.94	Feb. 28	66.92
15	48.22	Mar. 13	59.22	Mar. 17	56.98
Jan. 4, 1950	42.04	Apr. 15	71.20	Apr. 16	68.59
5	41.86	May 15	75.45	May 20	73.58
6	41.94	June 3	64.21	June 26	79.75
Nov. 27, 1951	60.90	24	67.80	July 28	97.92
Jan. 25, 1952	58.92	July 16	83.47	Aug. 28	98.18
Dec. 8	68.93	Aug. 20	101.40		
Dec. 7, 1953	70.14	Sept. 16	102.11		

Well Q-236. Owner: Mrs. B. F. Webb.

Mar. 15, 1950	41.40	May 30, 1950	43.20	Nov. 28, 1951	56.46
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Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
Well Q-236--Continued					
Jan. 25, 1952	53.73	Apr. 17, 1957	70.98	Dec. 16, 1957	79.22
Dec. 6	55.11	May 16	75.60	Jan. 17, 1958	62.57
Dec. 5, 1953	56.91	June 25	68.72	Feb. 28	60.84
Dec. 2, 1954	55.62	July 16	81.89	Mar. 17	61.90
Dec. 7, 1955	55.25	Aug. 16	93.51	Apr. 17	68.65
Jan. 9, 1957	66.88	Sept. 21	101.85	May 20	68.37
Feb. 14	63.23	Oct. 16	101.83	Jan. 26, 1959	67.25
Mar. 13	63.76	Nov. 18	95.75		

b Pumped recently.

Well Q-267. Owner: Francis Sheen.

Nov. 26, 1951	64.85	May 15, 1957	84.89	Jan. 17, 1958	68.82
Jan. 25, 1952	52.11	June 24	83.08	30	68.30
Dec. 6	67.29	July 16	75.05	Feb. 28	64.08
Dec. 5, 1953	68.52	Aug. 20	82.63	Mar. 17	64.42
Dec. 7, 1955	54.45	Sept. 16	83.59	May 20	67.36
Jan. 9, 1957	62.66	Oct. 16	77.83	June 26	83.87
Feb. 15	56.21	Nov. 18	70.73	Jan. 23, 1959	83.80
Mar. 13	52.46	Dec. 18	70.83		

Well Q-286. Owner: Burney Ligon.

Jan. 25, 1952	61.95	Jan. 19, 1955	61.07	Jan. 9, 1957	71.12
Dec. 6	67.73	Feb. 10	59.42	Feb. 15	70.79
Dec. 5, 1953	68.30	Dec. 7	68.57	15	72.03
Dec. 2, 1954	64.91	Jan. 9, 1957	71.70	Mar. 13	68.72

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Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
Well Q-286--Continued					
Mar. 13, 1957	67.55	Sept. 16, 1957	71.25	Apr. 16, 1958	68.62
Apr. 15	69.35	Oct. 16	69.82	May 20	68.24
May 15	89.95	Nov. 18	69.71	June 26	68.30
June 3	68.54	Jan. 17, 1958	69.18	July 20	68.96
July 16	68.05	Feb. 28	69.09	Aug. 21	71.54
Aug. 20	69.23	Mar. 17	68.85	Jan. 23, 1959	68.34

Well Q-288. Owner: Ben Hillger.

June 21, 1949	51.30	Jan. 19, 1955	60.53	Aug. 20, 1957	66.95
Oct. 4	50.40	Dec. 7	62.63	Sept. 16	68.46
Nov. 27, 1951	62.25	Jan. 9, 1957	63.90	Oct. 16	64.33
Jan. 25, 1952	61.85	Feb. 15	63.01	Nov. 18	62.61
Dec. 6	62.19	Mar. 13	62.12	Jan. 17, 1958	62.75
Dec. 5, 1953	61.62	Apr. 15	64.28	Feb. 28	61.85
Dec. 2, 1954	61.06	May 24	68.55	Mar. 17	62.31

Well Q-293. Owner: City of Fort Stockton.

Jan. 17, 1950	117	Jan. 11, 1957	147.35	Sept. 21, 1957	160.48
Nov. 28, 1951	127.33	Mar. 14	137.35	Oct. 17	164.57
Jan. 25, 1952	122.49	May 16	146.25	Nov. 18	151.50
Dec. 6	126.33	June 3	143.35	Feb. 28, 1958	143.45
Dec. 5, 1953	129.03	24	139.40	Mar. 18	139.06
Dec. 3, 1954	126.16	July 18	147.29	May 20	145.13
Dec. 7, 1955	127.81	Aug. 20	153.94	July 29	152.46

Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
Well Q-301. Owner: M. R. Gonzales.					
Mar. 21, 1949	41.20	Jan. 10, 1957	53.21	Jan. 17, 1958	56.51
Jan. 1, 1951	42.60	Apr. 15	58.36	Feb. 28	53.60
Mar. 19	42.20	May 15	66.20	Mar. 18	55.42
Nov. 28	45.85	June 3	66.40	May 20	50.50
Jan. 25, 1952	43.61	24	55.25	June 27	64.33
Dec. 8	45.60	July 16	73.31	July 28	76.93
Dec. 5, 1953	45.14	Aug. 20	99.41	Sept. 21	79.87
Dec. 3, 1954	45.24	Sept. 16	80.45	Jan. 23, 1959	58.00
Jan. 19, 1955	40.76	Oct. 16	84.65		
Dec. 6	43.62	Nov. 18	81.21		

Well Q-303. Owner: M. R. Gonzales.					
Apr. 10, 1947	29.80	Feb. 13, 1957	39.62	Nov. 18, 1957	83.66
Apr. 28, 1950	34	Mar. 12	43.28	Jan. 17, 1958	44.47
Mar. 26, 1951	35.60	Apr. 15	56.65	Feb. 28	42.34
Nov. 28	36.60	May 15	64.47	Mar. 18	46.68
Jan. 25, 1952	33.25	28	23.89	May 21	20.65
Dec. 8	37	June 24	54.24	June 27	61.94
Dec. 5, 1953	35.04	July 16	67.89	July 28	77.63
Dec. 3, 1954	37.08	Aug. 20	81.19	Aug. 21	81.08
Jan. 19, 1955	32.59	Sept. 11	89.17	Sept. 21	81.95
Dec. 6	35.05	16	80.72	Jan. 23, 1959	43.73
Jan. 10, 1957	40.82	Oct. 16	91.82		

Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well Q-306. Owner: Page Carson.

Feb. 17, 1958	77.70	June 30, 1958	79.10	Nov. 13, 1958	95.85
Mar. 20	80.17	July 15	92.29	Jan. 23, 1959	80.79
Apr. 28	85.98	Sept. 3	100.98		
May 23	79.27	Oct. 10	96.82		

Well Q-307. Owner: Lem Smith.

Oct. 30, 1946	97.40	Dec. 8, 1952	94.70	Feb. 15, 1957	108.17
Dec. 30, 1950	89.50	Dec. 5, 1953	93.11	Mar. 13	103.60
Nov. 29, 1951	91.88	Jan. 19, 1955	87.18	June 3	138.51
Jan. 25, 1952	88.32	Jan. 10, 1957	101.20	Aug. 19	130.45
				Jan. 23, 1959	81.60

Well Q-315. Owner: L. A. Taliaferro.

Jan. 25, 1952	46.70	Mar. 12, 1957	67.85	Dec. 18, 1957	66.32
Dec. 8	49.86	Apr. 16	126.50	Jan. 29, 1958	59.37
Dec. 5, 1953	48.92	May 15	109.81	Feb. 17	60.04
Dec. 3, 1954	49.54	June 3	88.01	May 23	90.59
Dec. 6, 1955	46.21	Aug. 20	160.77	Oct. 10	119.42
Jan. 9, 1957	57.50	Sept. 21	137.93	Nov. 13	85.50
Feb. 14	56.94	Oct. 17	97.70		

Well Q-333. Owner: Darr Whittenburg.

Dec. 3, 1954	109.26	Dec. 6, 1955	106.41	Feb. 15, 1957	115.90
Jan. 19, 1955	103.31	Jan. 9, 1957	117.48	Mar. 14	127.10

Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well Q-335. Owner: Dow Puckett.

Nov. 19, 1946	109.50	Jan. 25, 1952	110.24	Mar. 14, 1957	124.25
July 15, 1948	111.07	Dec. 5, 1953	117.65	May 16	128.45
June 23, 1949	104.50	Dec. 3, 1954	114.11		
Nov. 30, 1951	107.69	Feb. 15, 1957	117.57		

Well R-32. Owner: Burney Ligon.

June 11, 1950	82.40	May 15, 1957	106.05	Feb. 28, 1958	103.11
Jan. 26, 1952	89.07	June 24	105.09	Mar. 16	103.78
Dec. 8	91.07	July 16	108.79	Apr. 16	106.52
Dec. 5, 1953	93.87	Aug. 20	107.71	May 20	108.99
Dec. 1, 1954	91.38	Sept. 16	115.20	June 26	109.34
Dec. 5, 1955	94.25	Oct. 16	109.60	July 28	114.25
Jan. 9, 1957	101.34	Nov. 18	107.33	Aug. 21	114.48
Apr. 15	105.50	Jan. 17, 1958	108.29	Jan. 23, 1959	112.89

Well S-24. Owner: Laro B. McKenzie.

Dec. 7, 1953	35.00	Dec. 8, 1955	28.04	July 30, 1957	28.12
Dec. 1, 1954	31.12	Dec. 17, 1956	28.63		

Well S-36. Owner: Texas Highway Department.

Jan. 26, 1952	132.10	Dec. 17, 1956	a150.35	Dec. 18, 1957	136.81
Dec. 7	135.68	Apr. 16, 1957	138.34	Jan. 17, 1958	136.25
Dec. 6, 1953	138.16	June 19	139.03	Jan. 27, 1959	a149.37
Dec. 1, 1954	137.74	July 15	136.26		
Dec. 5, 1955	133.35	Oct. 15	136.48		

a Pumping.

Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
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Well T-26. Owner: University of Texas.

Dec. 1, 1954	53.71	Jan. 10, 1957	58.08	Jan. 26, 1959	69.88
Dec. 8, 1955	52.75	Jan. 17, 1958	46.08		

Well U-15. Owner: V. G. Neville.

May 16, 1950	82.89	Dec. 1, 1954	110.06	Jan. 26, 1959	93.74
Dec. 6, 1952	103.61	Dec. 8, 1955	106.70		
Dec. 6, 1953	106.11	Dec. 14, 1956	108.92		

Well U-33. Owner: M. R. Tripp.

Jan. 26, 1952	132.99	Dec. 1, 1954	153.50	Oct. 15, 1957	152.51
Dec. 7	149	Dec. 8, 1955	155.60		
Dec. 6, 1953	154.20	Dec. 17, 1956	161.11		

Well U-50. Owner: Roy McDonald.

Apr. 23, 1948	78.10	Dec. 17, 1956	91.11	Dec. 19, 1957	84.16
Dec. 6, 1953	88.69	Sept. 27, 1957	99.80	Jan. 21, 1958	83.51
Dec. 11, 1954	88.67	Oct. 16	96.73		
Dec. 8, 1955	86.19	Nov. 15	87.29		

Well V-4. Owner: Wm. B. Wilson.

July 29, 1948	48.41	Sept. 30, 1950	48.41	Dec. 8, 1955	53.95
Dec. 30	48	Dec. 7, 1952	50.10	Dec. 17, 1956	55.18
May 13, 1949	47.32	Dec. 1, 1954	53.63	Oct. 3, 1957	54.83

Well Z-38. Owner: Comanche Farms.

Dec. 7, 1957	138.47	Dec. 14, 1957	136.03	Feb. 17, 1958	126.79
Dec. 12	136.82	Jan. 16, 1958	127.47	Mar. 20	154.03

(Continued on next page)

Table 6.--Water levels in wells in Pecos County--Continued

Date	Water level	Date	Water level	Date	Water level
Well Z-38--Continued					
Apr. 28, 1958	171.28	July 28, 1958	215.12	Nov. 13, 1958	151.95
May 23	156.46	Aug. 28	220.87	Jan. 23, 1959	130.00
June 27	195.98	Oct. 10	172.58		

Well GG-17. Owner: Millard Holmes.

Jan. 26, 1954	50.32	Apr. 16, 1957	49.59	Oct. 15, 1957	48.67
Dec. 1	49.05	May 15	48.44	Nov. 15	48.38
Jan. 18, 1955	49.18	June 20	46.84	Dec. 18	48.56
Dec. 9	49.67	July 15	47.35	Jan. 17, 1958	48.68
Dec. 10, 1956	50.48	Aug. 15	47.93	Jan. 28, 1959	47.29
Mar. 26, 1957	49.67	Sept. 19	48.43		

Well GG-21. Owner: Millard Holmes.

Jan. 25, 1954	48.13	Mar. 26, 1957	47.59	July 16, 1957	45.06
Dec. 1	47.13	Apr. 16	47.61	Dec. 18	46.50
Dec. 9, 1955	47.67	May 15	45.65		
Dec. 10, 1956	48.08	June 20	44.17		

Well GG-84. Owner: Mrs. H. C. Noelke, Jr.

Jan. 25, 1954	99.13	Dec. 10, 1956	c102.62	Nov. 15, 1957	90.29
Dec. 1	92.40	Apr. 16, 1957	105.10	Jan. 29, 1959	108.25
Jan. 26, 1955	93.50	Oct. 16	90.69		

c Nearby well being pumped.

TABLE 7

ANALYSES OF WATER FROM WELLS AND SPRINGS

IN

PECOS COUNTY, TEXAS

Table 7.--Analyses of water from wells and springs in Pecos County, Texas

(Results are in parts per million except percent sodium, specific conductance and pH. Water-bearing unit: C, Capitan limestone; D, Dimple limestone; H, Haymond formation; L, Leonard formation; P, Pecos aquifer; R, Rustler formation; S, San-Andres limestone; Y, Yates sandstone.)

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micro-mhos at 25°C)	pH
A-1	A. J. Hoelscher	175	P	Nov. 22, 1946	-	-	220	47	168	216	454	320	-	9.0	-	1,320	742	33	2,050	-
A-9	C. E. Davis	557	P	Mar. 31, 1956	19	-	538	98	868 19	180	1,840	1,110	-	112	1.6	4,690	1,750	52	6,200	7.3
A-10	Crystal Water Farms	75	P	Sept. 16, 1933	-	-	147	31	106	213	387	91	0.8	23	-	890	495	32	-	-
A-19	C. E. Davis	510	P	Mar. 31, 1956	48	-	137	25	127 6:7	175	418	101	-	20	.44	969	445	38	1,390	7.7
A-34	do	496	P	Mar. 19, 1956	14	-	116	19	86 5.9	191	290	68	-	16	.30	709	368	33	1,090	7.7
A-92	Battle Estate	228	P	June 6, 1950	34	-	105	19	88	193	266	62	-	12	-	717	340	35	1,040	7.4
A-103	N. O. Livezey	375	P	Mar. 31, 1956	36	-	124	21	82 5.9	197	253	96	-	13	.35	794	396	31	1,110	7.6
A-105	Jim Broyles	192	P	Nov. 22, 1946	-	-	128	22	56	158	254	90	-	13	-	655	410	23	989	-
A-150	Lowe Bros.	107	P	Dec. 7, 1946	-	-	122	32	109	138	284	185	-	4.0	-	878	436	35	1,420	-
A-164	J. T. Jackson	590	P	Mar. 19, 1956	13	-	93	15	72 -	189	210	49	-	14	.25	559	294	35	890	7.6
A-180	Sim Reeves	293	P	Aug. 7, 1950	24	-	80	22	86	213	211	53	-	10	-	606	290	39	922	7.6
A-191	E. L. Davis	138	P	Nov. 25, 1946	-	-	68	20	82	236	128	70	-	5.0	-	489	252	42	760	-
A-199	Ben and Bob Burkholder	1,500	R	July 16, 1956	17	-	542	211	209 19	145	2,240	197	-	.0	-	3,510	2,220	17	3,880	7.2
B-2	E. T. Brandenburg	47	P	Nov. 22, 1946	-	-	490	86	210	184	1,210	430	-	21	-	2,540	1,580	47	3,390	-
B-25	O. W. Williams	-	P	June 1947	-	-	-	-	-	238	1,540	1,180	-	-	-	-	21,410	-	5,990	-
B-27	Cordz and Juul	6725	R	May 7, 1948	10	-	1,560	1,130	30,100	28	5,770	48,200	-	-	7.1	86,800	8,540	88	105,000	-
B-30	Texas Natural Gas Co.	45	P	Nov. 19, 1949	34	0.00	592	465	2,470	284	3,060	3,790	-	-	1.4	10,600	3,390	61	14,000	7.1
B-33	--	60	P	July 2, 1949	44	-	506	299	1,860 46	321	2,160	2,890	-	-	-	7,960	2,490	61	11,000	7.7
B-38	Allen Tipton	40	P	Oct. 24, 1946	-	.30	324	116	520	264	1,080	760	-	4.3	-	2,930	1,290	47	4,330	-
B-40	Santa Rosa Springs	Spring	P	Apr. 7, 1932	26	.10	286	112	512 18	282	889	815	-	1.5	-	2,800	1,170	49	-	-
B-40	do	Spring	P	Oct. 13, 1939	-	-	234	98	457	212	895	620	-	-	-	2,410	-	50	3,730	-
B-40	do	Spring	P	Jan. 27, 1941	25	.03	248	92	437 30	281	864	588	.4	2.0	-	2,420	997	50	3,560	-
B-40	do	Spring	P	Feb. 14, 1943	-	-	272	108	500	285	994	665	-	4.0	-	2,680	1,120	49	-	-

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conduct- (micro-mhos at 25°C)	pH
B-40	Santa Rosa Springs	Spring	P	Dec. 14, 1949	27	-	212	91	452	285	894	510	-	3.0	.50	2,330	903	52	3,220	7.4
B-43	J. C. Trees Estate	60	P	Oct. 24, 1946	-	4.7	254	93	420	288	851	570	-	4.5	-	2,330	1,020	47	3,530	-
B-54	Harlan Black	4,000	C	July 17, 1956	84	-	602	153	336 1.0	281	1,830	550	-	.2	-	3,690	2,130	25	4,450	7.7
B-58	George Hanna	400	P	Aug. 30, 1957	28	.00	324	114	534 -	278	1,010	810	1.6	24	.46	2,980	1,280	48	4,410	7.2
B-65	George Atkins Estate	b35	P	Mar. 1, 1950	34	-	384	156	780	280	1,270	1,230	-	12	-	4,000	1,600	51	5,740	7.8
B-65	do	81	P	Mar. 2, 1950	26	-	362	152	762	210	1,260	1,200	-	11	-	3,880	1,530	52	5,620	7.7
B-72	Bonebrake Estate	120	P	Oct. 23, 1946	-	-	574	321	1,740	292	2,820	2,380	-	-	-	7,980	2,750	58	11,100	-
B-74	do	Spring	P	Apr. 7, 1932	34	.10	483	219	1,060 32	321	1,780	1,660	-	1.7	-	5,430	2,100	52	-	-
B-74	do	Spring	P	June 12, 1940	-	-	402	197	989	220	1,900	1,280	-	5.0	-	4,880	1,810	54	6,710	-
B-74	do	Spring	P	Dec. 14, 1949	34	-	354	163	811	359	1,670	910	-	2.0	.96	4,120	1,550	53	5,550	7.3
B-76	E. C. Graham	518	P	Aug. 30, 1957	12	.00	108	38	182 -	225	262	248	1.6	7.3	.28	970	426	48	1,620	7.4
B-79	-- Church	512	P	do	28	.01	356	134	618 -	273	1,170	900	2.0	62	.63	3,400	1,440	48	4,850	7.4
B-81	Harlan Black	265	P	do	44	.00	296	63	162 -	164	796	245	1.6	62	.50	1,750	998	26	2,380	7.4
C-13	Hal Burnett	176	P	Aug. 30, 1948	32	-	631	528	3,360	332	3,560	5,010	-	-	1.1	13,300	3,750	66	18,400	-
C-24	do	91	P	Sept. 26, 1946	-	-	726	313	1,550	226	2,370	2,700	-	-	-	7,770	3,100	52	-	-
C-24	do	91	P	June 12, 1947	-	-	-	-	-	-	-	2,750	-	-	-	-	-	-	11,000	-
C-24	do	91	P	Mar. 1949	30	-	641	423	2,250	255	3,110	3,400	-	-	1.3	9,980	3,340	59	13,900	-
C-32	C. Williams	-	R	Mar. 6, 1950	-	-	-	-	-	166	4,690	24,800	-	-	-	-	-	-	58,000	7.4
C-33	Fred Quintela	110	P	Apr. 22, 1947	-	-	808	304	1,710	255	2,660	2,840	-	-	-	8,450	3,270	53	11,500	-
C-33	do	110	P	June 12, 1947	-	-	-	-	-	-	-	2,750	-	-	-	-	-	-	11,300	-
C-33	do	110	P	Mar. 29, 1949	26	-	787	301	1,690	224	2,710	2,750	-	-	.69	8,370	3,200	54	11,400	7.8
C-39	Charles Hart	107	P	June 10, 1948	37	-	806	310	1,880	88	2,780	3,120	-	-	1.8	8,980	3,290	55	12,600	-
C-39	do	107	P	Mar. 29, 1949	25	-	876	205	2,120	212	2,790	3,240	-	-	.83	9,360	3,030	60	13,000	7.4
C-47	L. A. Heagy	92	P	Aug. 13, 1948	31	-	858	292	1,430	205	2,280	2,780	-	-	.97	7,780	3,340	48	11,700	-

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micro-mhos at 25°C)	pH	
C-54	L. E. Edmiston	680	P	July 9, 1948	36	-	804	392	2,300	218	2,920	3,830	-	-	.83	10,400	3,620	58	14,700	-	
C-55	W. K. Heagy	-	S	May 30, 1949	14	-	80	126	1,550	319	202	2,560	-	-	2.0	4,690	718	82	8,520	7.4	
C-59	do	61	P	Sept. 27, 1946	-	-	712	406	2,330	232	3,060	3,650	-	-	-	10,300	3,450	60	-	-	
C-59	do	61	P	June 12, 1947	-	-	-	-	-	-	-	3,600	-	-	-	-	-	-	-	13,900	-
C-70	George Atkins Estate	180	P	Mar. 29, 1949	34	-	374	233	1,250	358	1,770	1,750	-	.0	.53	5,590	1,890	59	8,050	7.2	
C-72	do	-	R	Mar. 23, 1949	27	-	1,340	714	14,000	160	4,430	22,700	-	-	3.9	43,400	6,280	83	59,200	8.0	
C-72	do	-	R	July 25, 1949	26	-	1,160	653	13,900	72	4,080	22,300	-	.0	-	42,200	5,580	84	56,500	7.8	
C-73	George Atkins	2,668	S	Aug. 3, 1949	19	-	728	235	584	267	2,450	910	-	0.0	-	5,060	2,780	31	6,240	7.3	
C-85	Western Cotton Oil Co.	140	P	Apr. 27, 1949	32	-	631	527	2,620	318	3,150	4,180	-	-	1.0	11,300	3,740	60	16,100	7.1	
C-88	do	2,600	S	Apr. 18, 1951	19	-	722	253	555	356	2,400	920	3.2	.5	-	5,050	2,840	30	6,290	7.0	
C-102	Catholic Foundation	2,600	S	June 20, 1950	-	-	-	-	-	-	2,410	880	-	-	-	-	-	-	-	5,990	-
C-103	do	140	P	June 12, 1947	-	-	-	-	-	-	-	1,950	-	-	-	-	-	-	-	8,480	-
C-103	do	140	P	Mar. 18, 1949	36	-	508	304	1,450	320	2,060	2,320	-	-	.54	6,840	2,520	56	9,970	7.7	
C-103	do	140	P	July 1, 1949	34	-	456	276	1,350	334	1,890	2,100	-	1.2	1.3	6,270	2,270	56	9,350	7.4	
C-109	George Atkins Estate	2,600	S	Mar. 29, 1949	14	-	730	245	698	400	2,370	1,100	-	.8	.64	5,360	2,830	35	6,650	-	
C-112	G. C. Holladay	6400	P	Apr. 16, 1948	44	-	342	238	1,830	132	1,730	1,790	-	.5	-	5,400	1,830	58	8,130	-	
C-112	do	6569	P	Apr. 27, 1949	34	-	402	234	1,170	332	1,710	1,740	-	5.5	.91	5,460	1,960	56	8,030	7.1	
C-112	do	250	P	May 8, 1950	34	-	424	244	1,230	338	1,780	1,850	-	2.8	-	5,730	2,060	57	8,370	7.2	
C-120	Odom & Cochran	127	P	Sept. 11, 1948	29	-	414	261	1,300	338	1,800	1,970	-	6.0	.68	5,950	2,110	57	8,690	-	
C-150	--	1,315	Y	Oct. 23, 1948	.5	-	928	622	8,240	187	4,670	12,600	-	-	8.5	27,200	4,870	79	36,500	-	
C-157	George Atkins Estate	350	P	Mar. 16, 1949	32	-	392	227	1,040	324	1,540	1,630	-	4.5	.90	5,030	1,910	5	7,460	-	
C-157	do	350	P	May 8, 1950	34	0.01	394	223	1,040	321	1,540	1,620	-	14	-	5,020	1,900	54	7,460	7.2	
C-163	do	120	P	Apr. 10, 1947	-	-	404	247	1,350	320	1,900	1,920	-	-	-	5,980	2,020	59	8,500	-	

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conduct- (micro-mhos at 25°C)	pH
C-169	Jack Davis	120	P	May 17, 1948	50	-	310	233	1,180	110	1,630	1,780	-	1.0	.88	5,240	1,730	60	8,010	-
C-180	George Atkins Estate	173	P	Sept. 20, 1948	32	-	595	404	2,250	209	3,050	3,330	-	-	1.0	9,760	3,150	51	13,500	-
D-2	J. F. McKee	87	P	Apr. 1, 1941	-	-	244	301	1,740	222	2,730	2,920	-	-	-	8,640	3,340	53	-	-
D-11	Mrs. J. A. Bowman	115	P	Sept. 10, 1946	34	-	751	444	2,500	153	3,240	4,000	-	-	.65	11,000	3,700	60	15,300	-
D-20	A. E. Simmons	79	P	Sept. 27, 1946	-	-	790	494	2,970	286	3,600	4,600	-	-	-	12,600	4,000	63	-	-
D-32	George Brown	100	P	Oct. 24, 1946	-	-	731	463	2,920	286	3,580	4,400	-	-	-	12,200	3,810	63	16,800	-
D-38	Tomas G. Esparza	109	P	Aug. 27, 1948	37	-	641	428	2,180	221	3,030	3,350	-	-	-	9,810	3,360	59	13,700	-
D-41	G. C. Holladay	105	P	Oct. 22, 1946	-	-	650	398	2,140	215	3,100	3,200	-	-	-	9,590	3,260	59	13,700	-
D-42	Carl Courtney	2,855	S	Mar. 8, 1949	-	-	750	196	542 54	329	2,740	987	-	-	-	5,540	-	30	-	8.0
D-48	L. B. Freeman	100	P	June 12, 1947	-	-	560	335	1,810	275	2,440	2,790	-	8.4	-	8,080	2,780	59	11,500	-
D-59	Harral & Marable	330	P	May 6, 1943	47	-	364	241	1,400	122	2,110	1,380	-	1.5	1.2	6,100	1,900	62	8,870	-
D-62	A. C. Hoover	52	P	Aug. 4, 1950	34	.00	428	285	1,620	234	2,300	2,250	-	-	-	7,030	2,240	61	9,720	8.0
D-70	George Atkins Estate	115	P	June 17, 1948	42	-	424	289	1,590	141	2,250	2,300	-	-	1.2	6,960	2,250	61	10,000	-
D-72	Leona M. Mueller	54	P	Feb. 3, 1947	-	-	510	384	2,380	255	2,920	3,390	-	-	-	9,710	2,850	64	13,100	-
D-75	George Atkins Estate	140	P	Dec. 23, 1948	24	-	490	349	1,880	245	2,730	2,620	-	-	.75	8,190	2,660	61	12,100	-
D-77	J. W. Lutz	114	P	Aug. 15, 1949	36	-	525	342	1,940	153	2,880	2,880	-	-	-	8,780	2,970	59	12,200	7.5
D-88	A. H. and J. T. Ray	170	P	July 9, 1946	46	-	612	527	3,220	263	4,290	4,270	-	-	1.7	13,100	3,690	65	17,500	-
D-93	W. J. Holladay	105	P	June 12, 1947	-	-	627	457	2,730	270	3,620	3,820	-	5.5	-	11,400	3,440	63	15,600	-
E-4	W. W. Courtney	92	P	Nov. 25, 1946	-	-	142	42	77	394	185	110	-	29	-	825	527	24	1,210	-
E-7	Mrs. H. D. Mendel	160	P	Nov. 26, 1946	-	-	120	21	54	224	206	70	-	8.4	-	605	386	23	875	-
E-13	do	150	P	do	-	-	70	20	51	196	120	57	-	1.8	-	453	256	30	773	-
E-16	B. S. Estes	159	P	Nov. 21, 1946	-	-	31	16	40	215	99	50	-	6.0	-	400	268	24	653	-
E-19	Mrs. H. D. Mendel	180	P	Nov. 26, 1946	-	-	62	15	93	242	98	60	-	6.0	-	473	216	48	718	-
F-1	W. W. Courtney	139	P	Sept. 22, 1933	-	-	82	21	45	234	110	58	-	.9	-	432	291	25	-	-

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micro-mhos at 25°C)	pH	
F-1	W. W. Courtney	139	P	Feb. 21, 1950	-	-	-	-	-	-	110	56	-	1.8	-	-	-	-	703	-	
F-12	do	160	P	Nov. 25, 1946	-	-	55	12	109	240	149	50	-	.5	-	494	187	56	700	-	
F-25	Paul Ivey	613	P	Mar. 19, 1956	12	-	95	13	61	192	198	36	-	13	.27	522	290	31	821	7.6	
F-50	Nelson Lethco	500	P	Apr. 8, 1958	33	-	139	33	160	8.6	241	282	252	.5	.15	1,030	482	41	1,640	7.5	
F-64	A. J. Hoelscher	885	P	Mar. 31, 1956	24	-	67	14	57	5.2	204	137	34	-	1.2	.28	442	224	35	692	7.8
F-77	John McIntyre	220	P	Nov. 25, 1946	-	-	88	60	124		340	341	60	-	24	-	867	466	37	1,270	-
F-78	Mrs. H. D. Mendel	218	P	Nov. 26, 1946	-	-	144	29	25		214	216	80	-	25	-	627	478	10	941	-
F-79	John McIntyre	228	P	Nov. 25, 1946	-	-	45	16	78		180	110	60	-	2.0	-	400	178	49	617	-
F-86	Lula McGowins	510	P	May 2, 1950	20	.06	128	45	190		257	300	280	-	.0	-	1,090	504	45	1,790	7.4
F-87	D. J. Sibley	505	P	May 3, 1950	21	.02	134	45	169		251	289	270	-	.0	-	1,050	520	41	1,760	7.5
F-90	John McIntyre	200	P	Sept. 29, 1933	-	-	80	14	41		208	147	12	-	6.2	-	403	257	25	-	-
F-91	Mrs. H. D. Mendel	277	P	June 15, 1942	-	-	94	23	67		242	156	74	-	12	-	545	329	31	-	-
F-92	John McIntyre	193	P	do	-	-	74	15	49		222	95	50	-	2.2	-	440	246	30	-	-
F-92	do	193	P	Nov. 25, 1946	-	-	43	15	44		109	97	52	-	2.0	-	363	169	36	628	-
F-93	Mrs. H. D. Mendel	203	P	June 15, 1942	-	-	51	18	56		140	106	70	-	.8	-	444	202	38	-	-
G-3	D. C. Ogden Wilson	545	P	Oct. 24, 1946	-	-	312	149	710		152	1,390	965	1.5	-	3,600	1,390	53	5,260	-	
G-5	do	300	P	Oct. 23, 1946	-	-	328	168	670		256	1,220	1,030	41	-	3,580	1,510	49	5,350	-	
G-6	Bonebrake Estate	300	P	Oct. 24, 1946	-	-	705	272	1,700		328	2,470	2,640	-	-	7,950	2,880	56	11,300	-	
G-12	J. R. Bennett	202	P	Dec. 6, 1946	-	-	372	203	959		145	1,550	1,500	1.5	-	4,660	1,760	54	6,850	-	
G-13	do	452	P	Aug. 13, 1950	-	-	-	-	-		130	132	480	-	-	-	76	-	1,780	7.5	
G-14	do	200	P	do	-	-	-	-	-		284	584	480	-	-	-	774	-	2,820	7.7	
G-18	D. C. Ogden Wilson	200	P	Oct. 24, 1946	-	-	120	45	98		219	198	220	1.2	-	822	484	30	1,230	-	
G-23	R. H. Price	500	P	Nov. 23, 1946	-	-	82	52	148		113	266	262	1.5	-	948	418	43	1,670	-	
G-24	Elbert Price	475	P	do	-	-	156	40	135		252	264	260	.5	-	980	554	35	1,630	-	
G-25	D. J. Sibley	1,680	R	Mar. 16, 1948	20	-	581	210	262		296	2,280	190	.0	-	3,690	2,310	20	3,910	-	

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micro-mhos at 25°C)	pH
G-28	J. R. Bennett	Spring	P	July 19, 1950	42		292	135	674	295	1,050	1,000		5.5	-	3,340	1,280	53	5,000	8.1
G-30	Henry Wilbanks	Spring	P	Feb. 10, 1943	-		526	335	1,510	259	2,020	2,600		1.0	-	7,120	2,690	55	-	-
G-30	do	Spring	P	May 10, 1943	-		522	330	1,560	200	2,040	2,660		-	-	7,210	2,660	56	10,600	-
G-30	do	Spring	P	July 25, 1950	62		512	311	1,580	245	2,410	2,320		-	-	7,320	2,560	57	10,400	8.1
G-31	do	470	P	Oct. 23, 1946	-		168	62	213	257	402	360		.8	-	1,330	674	41	2,130	-
G-38	J. R. Bennett	370	P	Dec. 6, 1946	-		342	127	518	226	1,210	742		12	-	3,060	1,380	45	4,410	-
G-39	do	400	P	Aug. 13, 1950	-		-	-	-	154	1,690	440		-	-	-	518	-	2,430	7.8
H-4	C. S. Messenger	1,425	Y	Dec. 31, 1948	20		309	263	2,520	574	1,790	3,540		-	9.7	8,730	1,850	75	13,800	7.8
H-5	George Atkins Estate	101	P	Dec. 5, 1949	32		426	244	1,170	327	1,730	1,800		3.0	-	5,570	2,070	55	7,810	8.1
H-9	George Atkins	2,570	S	June 22, 1950	-		-	-	-	-	2,420	820		-	-	-	-	-	5,640	-
H-10	A. M. Barnes	80	P	Nov. 11, 1948	36		470	280	1,160	312	2,180	1,650		.5	.87	5,930	2,320	52	8,280	-
H-19	A. C. Hoover	67	P	Feb. 6, 1947	-		354	232	1,430	226	2,100	1,820		5.0	-	6,050	1,840	63	8,590	-
H-19	do	67	P	July 7, 1948	28		340	241	1,460	232	2,160	1,830		6.0	1.5	6,180	1,840	63	9,050	-
H-26	do	79	P	Feb. 6, 1947	-		446	296	1,330	250	2,210	1,930		5.5	-	6,340	2,330	55	8,850	-
H-34	San Pedro Ranch	80	P	Oct. 30, 1946	-		372	86	1,580	203	1,950	1,780		2.5	-	5,870	1,980	73	8,270	-
H-35	J. R. Bennett	900	R	Apr. 7, 1932	32	0.10	512	208	869 30	361	1,880	1,280		.2	-	4,990	2,130	47	-	-
H-37	Scripps Farms	2,550	S	Apr. 21, 1948	20		732	237	564	50	2,570	930		.2	-	5,080	2,800	30	6,310	-
H-41	J. R. Bennett	200	P	Aug. 13, 1950	-		-	-	-	150	459	1,460		-	-	-	1,680	-	6,990	7.6
H-42	San Pedro Ranch	81	P	Oct. 30, 1946	-		648	218	891	256	2,110	1,430		33	-	5,460	2,510	44	7,430	-
H-47	A. C. Hoover	59	P	do	-		410	200	797	237	1,650	1,180		2.5	-	4,360	1,850	48	6,190	-
H-53	H. Johnson	3,000	S	July 28, 1922	-		768	240	701	390	2,320	1,200		-	-	5,420	2,900	34	-	-
H-53	do	3,000	S	May 11, 1943	-		772	253	770	224	2,510	1,310		-	-	5,720	2,970	36	7,490	-
H-57	A. C. Hoover	73	P	Sept. 30, 1948	42		356	269	1,360	232	1,700	2,120		1.5	1.8	5,960	1,990	60	8,860	-
H-60	do	21,317	Y	July 11, 1950	39		596	278	1,300	206	3,390	1,250		.0	-	6,950	2,630	52	8,450	7.8

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micro-mhos at 25°C)	pH
H-65	George Atkins Estate	76	P	May 9, 1949	32		308	193	977	315	1,420	1,380		5.5	1.2	4,470	1,560	58	6,720	7.2
H-73	R. E. Johnson	Spring	P	Feb. 12, 1943	-		296	171	816	297	1,380	1,090		1.5	-	3,900	1,440	55	-	-
H-73	do	Spring	P	May 12, 1943	-		304	166	822	288	1,390	1,100		-	-	3,920	1,440	55	5,780	-
H-73	do	Spring	P	Apr. 10, 1946	-		-	-	-	294	2,390	1,120		-	-	-	-	-	-	-
H-75	San Pedro Ranch	70	P	do	-		362	192	834	304	1,420	1,260		1.2	-	4,220	1,690	52	-	-
H-75	do	70	P	Nov. 21, 1946	-		-	-	-	247	1,470	1,280		-	-	-	1,000	-	6,210	-
H-76	do	1,363	R	Apr. 10, 1946	-		-	-	-	214	1,420	221		-	-	-	-	-	-	-
H-77	do	299	P	June 11, 1948	39		354	155	488	76	1,540	648		3.8	1.3	3,270	1,520	41	4,580	-
H-99	do	331	P	Aug. 27, 1949	29		432	166	655	237	1,660	890		9.2	-	3,960	1,760	45	5,500	7.1
J-5	--	2,600	S	Sept. 20, 1948	9.5		718	253	752	234	2,480	1,200		1.5	-	5,530	2,830	37	7,040	-
J-6	Estes Bros.	131	P	Dec. 20, 1948	8.2		592	346	1,480	118	2,470	2,450		-	1.4	7,410	2,900	53	10,200	-
J-12	Neal & Ratliff	300	P	Feb. 3, 1947	-		608	177	972	178	2,570	1,090		.5	-	5,510	2,250	48	7,090	-
J-14	do	452	R	Dec. 23, 1948	8.5		388	259	1,820	320	2,350	2,320		-	-	7,300	2,030	66	10,200	-
J-17	do	78	P	Feb. 3, 1947	-		1,080	301	1,470	144	2,280	3,290		-	-	8,490	3,930	45	12,400	-
J-20	do	95	P	Dec. 23, 1948	16		723	426	1,980	193	2,580	3,560		-	.62	9,370	3,560	55	13,500	-
J-29	do	101	P	Dec. 20, 1948	20		242	96	307	262	844	350		98	.62	2,090	998	40	2,990	-
J-30	J. B. Ratliff, Jr.	202	P	Jan. 27, 1959	17		375	150	678 25	283	1,300	1,030		46	.32	3,760	1,550	48	5,240	7.2
J-34	Neal & Ratliff	146	P	Dec. 20, 1948	10		492	206	987	214	1,590	1,690		8.5	.85	5,090	2,080	51	7,490	-
J-42	do	200	P	Feb. 4, 1947	-		380	138	431	258	1,200	700		6.8	-	2,980	1,520	38	7,300	-
J-59	Agriculture Inc.	400	P	Jan. 27, 1959	12		462	88	248 9.3	256	1,220	425		12	.68	2,600	1,510	26	3,430	7.2
J-60	Ralph Johnson	87	P	Jan. 29, 1947	-		141	38	92	264	257	156		3.8	-	930	508	28	1,370	-
J-61	John W. Garner	170	P	Feb. 4, 1947	-		400	129	440	266	1,120	780		1.0	-	3,00	1,530	38	4,430	-
J-62	Ralph Johnson	115	P	Jan. 29, 1947	-		316	98	344	215	909	570		17	-	2,360	1,190	39	3,330	-
K-2	S. S. Millsbaugh	68	P	Nov. 29, 1949	34		478	349	2,010	274	2,660	2,840		-	-	8,510	2,630	62	11,400	8.0
K-3	do	21	P	do	39		464	371	2,230	278	2,960	2,990		-	-	9,190	2,680	64	12,500	7.6
K-5	Agriculture Inc.	113	P	Feb. 3, 1947	-		384	183	762	214	1,440	1,200		1.5	-	4,080	1,710	49	6,050	-

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dis-solved solids	Hardness as CaCO ₃	Per-cent so-dium	Specific conduct- (micro-mhos at 25°C)	pH
K-13	Roy Girvin	67	P	Jan. 31, 1947	-		538	249	1,110	353	1,930	1,750	-	13	-	5,750	2,370	50	7,840	-
K-14	Wes Poole	68	P	Feb. 3, 1947	-		636	232	992	228	1,960	1,750	-	1.0	-	5,680	2,540	46	8,090	-
K-20	Roy Girvin	80	P	Jan. 27, 1947	-		340	107	438	276	1,010	680	-	4.4	-	2,720	1,290	42	3,840	-
K-26	West Texas Utilities Co.	253	P	Jan. 25, 1947	-		216	61	164	204	581	265	-	.2	-	1,460	790	31	2,040	-
K-31	Roy Girvin	40	P	do	-		298	114	316	284	827	570	-	.5	-	2,270	1,210	36	3,270	-
K-33	J. C. Mitchell	75	P	Jan. 1, 1949	18		452	253	1,280	291	1,820	2,000	-	2.5	0.61	5,970	2,170	56	8,770	-
K-35	do	66	P	Dec. 31, 1948	14		188	65	210	294	471	325	-	2.2	.56	1,420	736	38	2,230	-
K-47	Roy McDonald	175	P	Dec. 14, 1946	-		126	48	112	106	301	230	-	39	-	1,060	512	32	1,780	-
K-49	do	200	P	Jan. 31, 1947	-		180	57	154	238	424	270	-	.8	-	1,200	684	33	1,880	-
K-52	Roy Girvin	120	P	do	-		222	62	93	232	464	238	-	3.8	-	1,200	809	20	1,810	-
K-64	Agriculture Inc.	400	P	Jan. 27, 1959	13		505	73	362 11	218	1,110	728	-	1.0	.09	2,910	1,560	33	4,030	7.3
L-17	Jack Adamson	122	P	June 10, 1950	26		276	203	886	313	1,230	1,350	-	11	-	4,140	1,520	56	6,270	7.4
L-30	H. B. Thompson	197	P	June 1, 1950	23		181	69	237	314	457	365	-	2.2	-	1,490	735	41	2,400	7.5
L-34	-- Tripp	139	P	Nov. 15, 1950	22		188	75	281 -	312	504	428	-	6.3	.21	1,660	778	44	2,580	7.1
L-57	D. S. Warren	138	P	Apr. 11, 1947	-		198	69	211	362	412	360	-	4.0	-	1,430	778	37	2,250	-
L-60	Darrell Warren	61	P	May 1, 1948	32		136	93	254	88	515	472	-	1.8	-	1,550	722	43	2,500	-
L-69	J. W. Robbins	96	P	Nov. 27, 1950	21		211	92	336 -	319	591	515	-	7.0	.33	1,930	905	45	2,980	7.0
L-80	T. C. Fortson	123	P	July 29, 1947	26		254	133	569	302	876	890	-	4.0	.65	2,900	1,180	51	4,550	-
L-81	do	62	P	Apr. 12, 1947	-		222	108	291	332	668	470	-	1.0	-	1,920	998	39	2,380	-
L-83	M. R. Tripp	134	P	Aug. 2, 1948	42		143	63	190	416	330	242	-	2.5	.29	1,220	616	40	1,860	-
M-2	Henry Wilbanks	272	P	May 8, 1947	-		73	17	43	238	84	44	-	.5	-	379	252	27	392	-
M-3	do	200	P	do	-		88	21	40	247	100	60	-	.8	-	473	306	22	742	-
M-14	J. H. Hayter	360	P	May 7, 1947	-		48	13	34	114	76	52	-	.8	-	366	173	30	584	-
M-15	do	510	P	May 12, 1947	-		90	18	40	266	86	54	-	1.8	-	424	298	23	690	-
M-17	do	350	P	do	-		88	27	21	269	109	25	-	7.2	-	508	330	12	707	-

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micro-mhos at 25°C)	pH
M-18	J. H. Hayter	500	P	May 7, 1947	-		90	13	32	268	63	44	-	1.2	-	410	278	20	651	-
M-20	Ralph Lindsey Estate	500	P	do	-		79	15	17	314	17	10	-	6.4	-	299	258	12	388	-
N-11	Mrs. H. D. Mendel	237	P	Sept. 6, 1940	-		86	19	41	217	100	86	-	4.2	-	432	282	24	703	-
N-13	J. R. Alexander	310	P	Nov. 27, 1946	-		77	20	55	236	95	70	-	1.5	-	435	274	30	677	-
N-19	Texas Highway Dept.	225	P	June 18, 1942	-		83	19	40	242	96	52	-	.0	-	442	285	23	-	-
N-22	Mrs. H. D. Mendel	205	P	do	-		93	32	55	292	165	38	-	22	-	549	364	25	-	-
N-22	do	205	P	May 5, 1947	-		98	33	49	292	161	42	-	26	-	598	380	22	895	-
N-24	Hollis Alexander	455	P	May 7, 1947	-		78	18	38	201	92	65	-	.0	-	393	268	24	695	-
N-25	Henry Wilbanks	300	P	do	-		54	16	46	149	87	60	-	3.8	-	370	201	33	587	-
N-29	M. R. Kennedy	415	P	May 12, 1947	-		86	21	30	163	108	85	-	.0	-	475	301	18	742	-
N-31	do	265	P	May 5, 1947	-		119	40	58	350	191	57	-	24	-	690	462	21	1,030	-
N-32	do	240	P	do	-		76	17	31	205	93	29	-	24	-	420	260	20	614	-
N-33	do	275	P	do	-		70	19	99	252	120	96	-	.5	-	576	252	46	786	-
N-34	do	86	P	May 12, 1947	-		97	20	55	203	122	106	-	1.2	-	587	324	27	889	-
N-35	Malcomb Almond	375	P	do	-		78	32	70	202	152	102	-	13	-	638	326	32	1,010	-
P-4	Bennie Downing	531	P	June 12, 1958	18		86	23	66	227	126	94	-	1.5	.17	527	309	32	882	7.2
P-8	D. J. Sibley	188	P	June 15, 1942	-		-	-	-	258	456	290	-	-	-	1,360	-	-	-	-
P-15	C. A. Wadsworth	177	P	do	-		-	-	-	208	1,040	202	-	-	-	2,040	-	-	-	-
P-17	D. J. Sibley	401	P	Nov. 23, 1946	-		158	45	178	270	310	300	-	.5	-	1,120	580	40	1,880	-
P-18	R. D. Webb	289	P	Oct. 31, 1946	-		416	116	115	179	1,290	195	-	.2	-	2,220	1,520	14	2,740	-
P-21	Charles Eldred	300	P	June 18, 1942	-		-	-	-	336	344	340	-	-	-	1,450	-	-	-	-
P-23	Firestone Test Center	458	P	Oct. 10, 1958	10		91	54	180	308	354	148	4.0	.0	-	992	449	47	1,550	7.6
P-36	Raymond Tyler	630	P	Jan. 19, 1956	22	0.00	102	27	104 6.4	252	177	144	1.1	1.8	.27	710	366	38	1,170	7.4
P-57	Bob Jenson	570	P	Apr. 2, 1956	22		94	19	84 6.0	244	143	114	-	2.1	.20	624	312	36	994	7.4

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conduct- (micro-mhos at 25°C)	pH
P-62	George Baker	200	P	May 5, 1947	-	-	360	106	371	277	1,070	525	-	75	-	2,640	1,330	38	3,670	-
P-66	Mrs. M., L. Mauld	164	P	June 18, 1942	-	-	-	-	-	154	402	370	-	-	-	1,350	-	-	-	-
P-66	do	164	P	Oct. 21, 1946	-	-	132	61	228	188	383	370	-	1.2	-	1,270	580	46	2,050	-
P-84	Clayton Williams	-	P	July 17, 1950	25	-	131	56	270	266	392	368	-	.2	-	1,370	558	51	2,250	-
P-85	Chandler Co.	1,812	R	Apr. 7, 1956	18	-	314	87	195 9.2	192	984	282	-	.2	0.21	1,980	1,140	27	2,690	7.3
P-86	do	1,756	R	Apr. 11, 1946	-	-	504	115	133	154	1,480	250	-	.5	-	2,560	1,730	14	-	-
P-86	do	1,756	R	Oct. 15, 1947	-	-	530	118	109	172	1,470	265	-	.5	-	2,580	1,810	12	3,150	-
P-95	do	1,550	R	Apr. 11, 1946	-	-	327	83	184	149	960	308	-	.5	-	1,940	1,160	26	-	-
P-105	L. A. Taliaferro	350	P	Mar. 28, 1949	22	-	135	54	283	271	405	375	-	2.5	.11	1,410	559	52	2,230	-
P-105	do	350	P	Mar. 6, 1956	24	-	141	52	276 13	267	411	375	-	1.4	.33	1,420	566	51	2,220	7.5
P-118	Clayton Williams	446	P	Jan. 30, 1947	-	-	156	52	250	280	413	345	-	.8	-	1,350	604	47	2,090	-
P-118	do	446	P	Mar. 6, 1956	23	-	148	52	264 12	268	417	362	-	1.7	.33	1,410	584	49	2,200	7.8
P-120	do	1,373	R	Apr. 3, 1944	-	-	342	83	194	252	959	292	-	.0	-	1,990	1,200	26	-	-
P-120	do	1,373	R	Mar. 28, 1949	17	-	295	76	217	213	874	308	-	2.2	.26	1,890	1,050	31	2,580	-
P-120	do	1,373	R	Mar. 6, 1956	20	-	265	62	214 9.2	225	750	300	-	.4	.27	1,730	916	33	2,430	7.1
P-132	do	120	P	Mar. 3, 1950	24	-	300	152	566	248	1,010	955	-	4.0	-	3,130	1,370	47	4,730	7.7
P-133	Mrs. C. L. Thompson	130	P	Mar. 29, 1950	23	0.03	266	107	369	276	1,060	408	-	.0	-	2,370	1,100	42	3,340	7.4
P-135	George Baker	194	P	May 5, 1947	-	-	104	23	86	245	149	127	-	6.7	-	680	354	35	1,090	-
Q-2	Bodie Smith	1,600	R	Nov. 3, 1949	22	-	628	209	224	255	2,320	205	-	.2	-	3,730	2,430	17	3,920	7.0
Q-5	Ernest Riggs	226	P	Dec. 3, 1946	-	-	94	44	157	112	275	268	-	.8	-	924	416	45	1,680	-
Q-5	do	226	P	July 8, 1948	11	2.1	130	47	209	240	318	315	-	1.0	0	1,150	518	47	1,930	-
Q-5	do	226	P	May 9, 1949	14	-	127	48	164	252	286	260	-	.0	.34	1,020	514	41	1,730	7.4
Q-10	Mrs. B. Downs	2,997	--	Jan. 5, 1948	-	-	588	225	117	88	2,160	230	-	1.0	-	3,360	2,390	10	3,770	-
Q-10	do	2,997	--	Apr. 7, 1956	24	-	638	199	143	206	2,170	208	-	.3	-	3,480	2,410	11	3,850	7.7
Q-17	Ernest Riggs	380	P	June 6, 1947	-	-	320	131	479	273	1,020	755	-	34	-	2,870	1,340	44	4,400	-

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micro-mhos at 25°C)	pH
Q-26	C. E. Criswell	230	P	Oct. 23, 1946	-	-	348	114	374	302	942	650	-	8.0	-	2,560	1,340	38	3,790	-
Q-28	T. W. Hallin	515	P	Mar. 1947	-	-	205	60	267	274	543	390	-	1.5	-	1,600	760	43	2,450	-
Q-28	do	515	P	Apr. 2, 1949	16	-	208	62	301	254	614	408	-	5.9	.48	1,740	774	46	2,640	-
Q-40	Harrison Dyche	250	P	Apr. 16, 1947	-	-	416	144	537	308	1,380	780	-	10	-	3,420	1,630	42	4,730	-
Q-55	T. B. Rhodes	147	P	Oct. 2, 1946	-	-	304	100	445	306	914	650	-	22	-	2,590	1,170	45	-	-
Q-55	do	147	P	Apr. 21, 1949	28	-	296	103	453	299	922	660	-	13	.43	2,620	1,160	46	3,910	7.2
Q-72	Lee O. White	310	P	Feb. 2, 1947	-	-	284	93	473	324	889	650	-	15	-	2,550	1,090	49	3,670	-
Q-73	do	1,480	R	Apr. 6, 1956	15	-	599	230	225	160	2,410	205	-	.0	-	3,760	2,440	17	4,110	7.1
Q-82	C. E. McIntyre	386	P	Apr. 2, 1956	32	-	376	97	506 17	307	1,060	790	-	13	.56	3,040	1,340	45	4,340	7.0
Q-119	Mrs. Mollie Allen	283	P	June 18, 1949	16	-	268	114	328	178	947	510	-	.0	.80	2,270	1,140	39	3,440	7.9
Q-126	Ernest Riggs	214	P	Dec. 3, 1946	-	-	105	52	229	143	359	342	-	1.0	-	1,160	476	51	2,000	-
Q-137	do	1,435	R	Apr. 7, 1956	16	-	584	198	146	199	2,150	132	-	.0	.21	3,320	2,270	12	3,580	7.4
Q-138	Teas & Cox	6209	P	May 12, 1950	14	-	92	43	229	167	351	285	-	.0	-	1,100	406	55	1,860	7.7
Q-138	do	358	P	Oct. 24, 1950	13	-	126	48	210	239	323	310	-	.0	-	1,150	512	47	1,890	7.3
Q-165	Chandler Co.	341	P	Oct. 31, 1946	-	-	160	55	206	257	360	345	-	.8	-	1,250	626	42	3,030	-
Q-176	The Texas Co.	345	P	July 28, 1949	12	-	139	54	209	264	352	312	-	.0	-	1,210	569	44	2,100	7.5
Q-197	City of Fort Stockton	175	P	Oct. 21, 1946	16	.05	156	53	235 39	274	424	352	1.8	.8	-	1,410	608	44	2,230	7.2
Q-199	do	203	P	May 11, 1950	24	-	139	51	283	272	394	352	1.6	.0	-	1,380	556	52	2,230	7.5
Q-216	Pecos County Water Control & Improvement District No. 1	Spring	P	Apr. 7, 1932	22	.05	138	54	256 13	271	393	358	-	.8	-	1,370	566	49	-	-
Q-216	do	Spring	P	Feb. 1, 1941	22	.06	140	50	252 21	273	386	348	.6	.5	-	1,360	555	48	2,140	-
Q-216	do	Spring	P	Oct. 9, 1946	-	-	125	53	261	188	429	352	-	.0	-	1,310	530	52	2,170	-
Q-216	do	Spring	P	Oct. 14, 1947	-	-	132	54	261	238	402	358	-	1.0	-	1,330	552	51	2,220	-
Q-216	do	Spring	P	Aug. 6, 1949	24	-	128	52	268	264	377	360	-	.0	-	1,340	534	52	2,230	8.1
Q-216	do	Spring	P	Jan. 28, 1950	22	-	136	58	246	243	389	360	-	.8	-	1,330	578	48	2,130	8.1

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dis-solved solids	Hardness as CaCO ₃	Percent sodium	Specific conduct- (micro-mhos at 25°C)	pH
Q-216	Pecos County Water Control & Improvement District No. 1	Spring	P	Jan. 8, 1954	24	.02	137	57	253 13	271	389	350	1.8	.5	.20	1,360	576	48	2,190	7.2
Q-216	do	Spring	P	May 20, 1958	23	-	144	52	252 -	247	420	330	-	6.5	.37	1,350	574	49	2,130	7.2
Q-241	M. C. Puckett	5306	P	Mar. 30, 1949	26	-	224	86	399	325	757	508	-	12	.42	2,170	912	49	3,220	-
Q-269	J. E. Deck	220	P	Apr. 3, 1944	-	-	256	88	427	328	815	568	-	14	-	2,330	1,000	48	-	-
Q-290	Ben Hillger	200	P	June 21, 1949	20	-	188	72	283	269	481	465	-	3.5	.40	1,650	765	45	2,680	7.8
Q-295	Jeff B. Wade	231	P	Oct. 18, 1946	-	-	196	58	184	195	454	350	-	.8	-	1,340	728	35	2,080	-
Q-308	H. D. Chriesman	218	P	June 16, 1942	-	-	-	-	-	278	390	335	-	-	-	1,380	-	-	-	-
Q-308	do	218	P	Nov. 4, 1949	14	-	141	78	206	269	414	332	-	0.0	-	1,320	206	40	2,120	7.5
Q-335	Dow Puckett	200	P	Nov. 19, 1946	-	-	172	53	193	281	375	316	-	.0	-	1,250	647	39	-	-
R-2	San Pedro Ranch	80	P	Nov. 21, 1946	-	-	324	145	655	304	1,270	890	-	2.5	-	3,440	1,400	50	5,000	-
R-8	W. A. Stroman	250	P	Nov. 1950	26	-	269	115	507	343	984	665	-	2.8	-	2,740	1,140	49	3,960	7.4
R-19	University of Texas	185	P	Jan. 28, 1947	-	-	131	57	122	230	323	214	-	.0	-	960	562	32	1,580	-
R-20	do	220	P	July 28, 1929	10	-	115	48	270	228	566	210	-	.0	-	1,330	484	55	2,030	7.6
R-21	do	375	P	Jan. 28, 1947	-	-	177	66	196	308	397	335	-	1.5	-	1,320	713	37	2,040	-
R-23	do	250	P	Apr. 14, 1947	-	-	156	55	236	306	365	352	-	.0	-	1,310	616	45	2,250	-
R-26	W. A. Stroman	250	P	do	-	-	188	65	287	310	500	415	-	.8	-	1,610	736	46	2,520	-
R-29	do	500	P	do	-	-	332	119	483	362	958	750	-	20	-	2,840	1,320	44	4,130	-
R-31	do	200	P	Nov. 1950	27	-	266	97	447	320	868	610	-	12	-	2,480	1,060	48	3,660	7.7
R-45	J. S. Oates	259	P	July 16, 1949	24	-	166	68	301	290	500	418	-	3.2	-	1,620	694	48	2,850	7.3
R-46	B. E. Mitchell	255	P	July 24, 1948	28	-	200	80	377	300	668	500	-	2.2	0.60	2,000	828	50	3,100	-
R-55	H. L. Winfield Estate	206	P	June 20, 1949	16	-	140	60	253	284	399	352	-	.0	.17	1,360	596	48	2,230	7.6
R-58	do	200	P	May 2, 1947	-	-	164	71	265	200	486	430	-	.5	-	1,520	702	45	2,400	-
R-58	do	200	P	June 20, 1949	16	-	156	63	224	278	395	352	-	.0	.33	1,340	648	43	2,230	7.7

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micro-mhos at 25°C)	pH
R-68	University of Texas	300	P	Apr. 17, 1947	-	0.30	154	58	185	280	365	295	-	.0	-	1,190	623	37	1,690	-
S-1	do	160	P	Jan. 28, 1947	-	-	192	66	153	280	416	296	-	3.8	-	1,260	750	31	1,990	-
S-3	do	234	P	do	-	-	169	67	126	384	313	234	-	.8	-	1,110	698	28	1,730	-
S-4	do	375	P	do	-	-	142	45	121	252	293	206	-	.2	-	1,000	540	33	1,530	-
S-6	D. C. Ogden Wilson	229	P	Jan. 29, 1947	-	-	204	54	109	226	500	186	-	.4	-	1,160	731	25	1,730	-
S-9	Hinyard Land & Cattle Co.	250	P	Jan. 30, 1947	-	-	144	54	167	236	366	262	-	.8	-	1,160	582	38	1,840	-
S-15	do	460	P	do	-	-	140	53	174	238	356	268	-	1.5	-	1,110	568	40	1,820	-
S-23	E. W. McKenzie Estate	Spring	P	Feb. 1, 1941	22	.05	140	48	183 8.4	276	342	250	0.8	2.0	-	1,130	547	43	1,780	-
S-23	do	Spring	P	Dec. 16, 1949	18	-	133	53	186	277	360	249	-	2.2	-	1,140	550	42	1,850	7.3
S-27	University of Texas	114	P	Feb. 1, 1947	-	-	144	48	175	276	335	254	-	2.5	-	1,160	557	41	1,760	-
S-33	do	235	P	Jan. 28, 1947	-	-	107	38	107	272	234	134	-	.0	-	801	423	35	1,240	-
S-36	Texas Highway Dept.	462	P	Dec. 10, 1946	-	-	162	55	232	266	416	342	-	.0	-	1,360	630	44	2,170	-
S-39	University of Texas	157	P	Feb. 1, 1947	-	-	175	55	173	268	394	288	-	4.3	-	1,220	662	36	1,930	-
S-40	do	106	P	May 7, 1947	-	-	164	49	146	240	337	270	-	1.5	-	1,090	611	34	1,790	-
T-11	Fonnie Woodward	335	P	Dec. 12, 1946	-	-	76	29	177	41	237	292	-	.8	-	832	308	55	1,480	-
T-14	do	175	P	Dec. 16, 1946	-	-	129	74	235	101	503	370	-	11	-	1,370	626	45	2,500	-
T-19	Roy McDonald	290	P	Dec. 12, 1946	-	-	136	69	127	196	279	318	-	.0	-	1,030	623	31	2,150	-
T-26	University of Texas	220	P	Aug. 5, 1950	26	-	197	67	202	296	453	348	-	2.5	-	1,440	767	36	2,290	6.3
T-28	do	200	P	Apr. 19, 1947	-	-	96	39	123	211	230	178	-	4.0	-	861	400	40	1,290	-
T-37	White & Baker Estate	Spring	P	May 9, 1947	-	-	208	95	412	304	683	600	-	.0	-	2,150	910	50	3,190	-
T-51	Mary Lea McKenzie	378	P	do	-	-	112	39	135	222	258	200	-	1.0	-	872	440	40	1,340	-
T-52	University of Texas	213	P	do	-	-	77	16	19	246	45	34	-	3.0	-	339	258	14	543	-

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dis-solved solids	Hardness as CaCO ₃	Percent sodium	Specific conduct- (micro-mhos at 25°C)	pH
T-59	University of Texas	125	P	Apr. 19, 1947	-	-	111	38	82	267	170	148	-	7.5	-	810	433	29	1,210	-
U-2	Fonnie Woodward	270	P	Dec. 12, 1946	-	-	114	64	207	106	446	315	-	1.5	-	1,200	548	45	2,120	-
U-18	V. G. Neville	192	P	Dec. 9, 1946	-	-	87	52	147	128	284	245	-	4.3	-	882	431	42	1,730	-
U-22	do	76	P	Dec. 14, 1946	-	-	44	22	144	184	33	231	-	2.2	-	592	200	61	1,040	-
U-39	Jake Broyles	270	P	May 20, 1948	43	-	92	76	196	114	365	350	-	1.2	.75	1,190	542	44	1,980	-
U-46	University of Texas	270	P	Aug. 13, 1948	20	-	70	27	23	254	73	34	-	4.2	.51	378	286	15	648	-
U-48	do	80	P	Nov. 29, 1950	22	-	162	65	191	320	417	342	1.4	5.1	-	1,360	672	38	2,260	7.1
U-50	Roy McDonald	425	P	Apr. 23, 1948	24	-	110	74	324	106	512	470	-	1.2	-	1,570	579	55	2,680	-
U-52	University of Texas	116	P	Dec. 12, 1946	-	-	110	52	240	224	472	242	-	.8	-	1,230	488	52	1,670	-
U-57	Fred Davidson	192	P	Dec. 9, 1946	-	-	86	40	139	100	267	225	-	3.5	-	810	379	44	1,540	-
U-59	University of Texas	180	P	do	-	-	107	48	202	120	173	440	-	5.0	-	1,030	464	49	2,080	-
U-64	do	300	P	do	-	-	42	16	14	128	53	29	-	.2	-	246	171	15	430	-
U-79	Mary Lea McKenzie	535	P	Apr. 28, 1947	-	-	68	32	10	210	94	34	-	6.0	-	437	301	7	592	-
U-80	White & Baker Estate	150	P	Apr. 19, 1947	-	-	69	17	13	228	47	22	-	3.0	-	311	242	10	510	-
U-88	J. W. Owen	520	P	do	-	-	67	16	.9	217	32	14	-	5.0	-	257	233	1	432	-
U-89	do	400	P	do	-	-	71	15	7.1	224	38	20	-	4.0	-	266	238	6	480	-
U-91	do	400	P	do	-	-	60	21	9.2	189	57	28	-	2.5	-	304	236	8	484	-
V-13	City of McCamey	354	P	Feb. 11, 1947	14	0.09	71	25	30 5.4	250	76	44	1.2	3.8	-	397	280	18	795	7.2
V-18	--	378	P	Dec. 13, 1946	-	-	62	26	28	238	65	40	-	3.8	-	373	262	19	631	-
V-20	M. A. Smith	245	P	do	-	-	69	39	87	104	80	248	-	3.5	-	578	332	36	1,320	-
V-28	Larry & Wilson	250	P	Apr. 25, 1947	-	-	63	21	26	224	57	38	-	5.5	-	355	244	19	557	-
V-32	do	830	P	do	-	-	71	24	16	244	67	28	-	.8	-	350	276	11	571	-
V-40	White & Baker Estate	310	P	do	-	-	74	19	15	248	43	30	-	6.0	-	359	262	11	543	-

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micro-mhos at 25°C)	pH
V-43	Texas Highway Dept.	289	P	Dec. 13, 1946	-	-	61	23	6.0	213	49	21	-	5.0	-	270	246	5	519	-
V-43	do	289	P	Aug. 7, 1948	21	-	58	22	23	238	54	21	-	4.5	0.15	319	235	17	560	-
V-44	Frank Perry	315	P	May 1, 1947	-	-	71	26	13	242	55	36	-	6.0	-	382	284	9	571	-
V-51	Larry & Wilson	-	P	Apr. 24, 1947	-	-	77	20	22	290	40	30	-	1.5	-	337	274	15	581	-
V-54	S. H. Murray	520	P	do	-	-	80	21	6.2	274	40	20	-	6.5	-	316	286	5	529	-
V-55	H. K. Hines Estate	290	P	Apr. 25, 1947	-	-	81	26	13	316	37	28	-	.5	-	366	309	8	585	-
W-8	I. G. Yates Estate	170	P	Apr. 23, 1947	-	-	69	32	19	288	53	34	-	5.5	-	367	304	12	607	-
W-12	M. A. Smith	400	P	Jan. 24, 1947	-	-	76	24	18	246	62	42	-	2.5	-	408	288	12	608	-
W-17	do	432	P	Apr. 23, 1947	-	-	64	22	14	238	40	28	-	5.0	-	290	250	10	550	-
W-22	I. G. Yates Estate	543	P	do	-	-	71	27	14	278	46	30	-	.0	-	354	288	10	571	-
W-28	do	168	P	Feb. 11, 1947	12	.12	152	74	221 24	292	233	500	1.2	6.2	-	1,370	684	40	2,820	7.3
W-31	do	180	P	Apr. 23, 1947	-	-	89	42	49	384	19	74	-	.0	-	532	394	21	896	-
W-39	do	90	P	do	-	-	222	106	446	322	557	790	-	2.5	-	2,280	990	49	3,600	-
W-41	do	38	P	do	-	-	71	38	19	270	60	60	-	8.0	-	452	333	11	718	-
W-50	G. C. Murray	380	P	Apr. 24, 1947	-	-	73	26	12	256	49	34	-	7.5	-	328	289	8	581	-
X-4	Ralph Lindsey Estate	167	P	May 8, 1947	-	-	79	5.2	26	284	15	9.0	-	17	-	318	218	20	479	-
X-7	Mrs. Virginia Moore	388	P	May 12, 1947	-	-	79	15	26	269	43	27	-	11	-	384	258	17	588	-
X-8	S. W. Morris	370	P	May 13, 1947	-	-	56	12	22	219	26	20	-	1.8	-	300	189	20	492	-
X-11	J. W. Stone	620	P	May 14, 1947	-	-	37	12	45	104	131	12	-	.0	-	331	142	41	509	-
X-19	do	75	P	do	-	-	98	9.4	14	328	24	12	-	1.5	-	379	283	9	592	-
X-23	S. W. Morris	232	P	May 13, 1947	-	-	82	15	24	325	19	14	-	15	-	379	266	16	584	-
X-24	Gene Cartledge	240	P	do	-	-	121	15	19	322	45	56	-	18	-	505	364	10	774	-
X-25	do	390	P	do	-	-	90	20	61	263	103	80	-	3.8	-	487	306	30	798	-

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dis-solved solids	Hardness as CaCO ₃	Percent sodium	Specific conduct- (micro-mhos at 25°C)	pH
X-28	Gene Cartledge	400	P	May 14, 1947	-	-	64	21	36	293	35	26	-	14	-	391	246	24	593	-
X-30	J. W. Stone	390	P	do	-	-	63	12	7.4	232	12	12	-	3.8	-	273	207	7	419	-
X-34	Gene Cartledge	350	P	do	-	-	34	11	30	153	39	19	-	3.5	-	245	130	34	383	-
X-36	Graef Bros.	400	P	Nov. 24, 1956	31	-	95	18	101	244	144	126	.8	1.2	-	637	312	41	997	7.7
X-38	do	390	P	Sept. 8, 1956	31	-	98	22	123	244	169	160	-	.3	-	723	335	44	1,190	7.5
X-38	do	390	P	May 19, 1947	-	-	93	24	112	205	168	163	-	.8	-	757	330	42	1,150	-
Y-1	Mrs. Virginia Moore	387	P	May 12, 1947	-	-	96	22	53	228	121	91	-	3.5	-	552	330	26	876	-
Y-4	M. R. Kennedy	270	P	May 5, 1947	-	-	88	21	79	193	139	124	-	1.2	-	606	306	36	1,020	-
Y-10	do	1,000	R	May 17, 1947	-	-	526	145	50	104	1,750	78	-	.0	-	2,600	1,910	5	2,840	-
Y-11	do	400	P	do	-	-	456	149	80	156	1,630	56	-	26	-	2,470	1,750	9	2,800	-
Y-12	do	566	P	do	-	-	112	33	157	205	254	229	-	.0	-	955	415	45	1,500	-
Y-13	do	460	P	do	-	-	110	44	160	248	326	169	-	26	-	957	456	43	1,560	-
Y-16	do	230	P	May 12, 1947	-	-	101	18	52	245	116	80	-	3.0	-	554	326	26	848	-
Y-19	Elsinore Cattle Co.	698	P	Sept. 5, 1956	30	-	103	26	152 7.6	243	217	190	-	.7	.13	845	365	47	1,370	7.5
Y-20	do	400	P	Nov. 24, 1956	38	-	56	27	179	87	229	232	1.2	.2	-	805	251	61	1,290	8.0
Y-22	do	400	P	July 17, 1950	26	-	95	38	178	215	259	228	-	15	-	993	393	50	1,570	8.1
Z-1	George Baker	396	P	May 17, 1947	-	-	106	31	147	191	240	217	-	.2	-	942	392	45	1,440	-
Z-2	do	6390	P	June 25, 1950	28	-	111	30	141	240	230	191	-	.8	-	903	400	43	1,410	7.4
Z-6	Clayton Williams	176	P	Nov. 19, 1946	-	-	146	59	262	259	410	380	-	.5	-	1,390	607	48	2,330	-
Z-10	L. P. Williams	372	P	Mar. 20, 1956	22	.01	136	47	278	264	383	380	-	.0	.23	1,380	532	53	2,250	7.6
Z-37	Chandler Co.	146	P	Nov. 19, 1946	-	-	-	-	-	271	401	382	-	-	-	-	615	-	2,210	-
Z-44	A. F. Buchanan	456	P	June 15, 1942	-	-	-	-	-	250	411	355	-	-	-	1,410	-	-	-	-
Z-57	Glenn B. Williams	450	P	Apr. 10, 1958	27	-	145	45	268 15	267	384	380	-	.0	.31	1,400	547	51	2,200	7.5
Z-60	J. S. Oates	1,000	P	May 27, 1947	-	-	131	52	210	236	296	352	-	.0	x	1,160	541	46	2,040	-
Z-61	do	425	P	Apr. 29, 1950	22	-	71	26	172	232	217	168	-	6.8	-	829	284	57	1,340	7.7

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micro-mhos at 25°C)	pH
Z-66	J. S. Oates	400	P	May 1947	-	-	132	53	286	242	393	398		0.0	-	1,380	548	53	2,200	-
Z-68	do	560	P	May 27, 1947	-	-	151	54	276	263	395	405		.0	-	1,410	599	50	2,290	-
Z-68	do	560	P	June 12, 1950	24	0.02	137	49	276	259	392	372		.0	-	1,380	544	53	2,220	7.6
Z-69	Pete McIntyre	450	P	May 1947	-	-	148	49	236	253	365	352		.5	-	1,280	571	47	2,110	-
Z-72	J. S. Oates	500	P	May 27, 1947	-	-	125	49	235	245	346	328		.0	-	1,200	514	50	1,910	-
Z-73	K. C. Buchanan	726	P	June 20, 1947	-	-	135	49	211	263	352	294		.2	-	1,170	538	46	2,250	-
Z-78	A. F. Buchanan	840	P	do	-	-	85	33	66	289	130	82		4.6	-	590	348	29	1,010	-
Z-86	Elsinore Cattle Co.	450	P	July 17, 1950	28	-	164	46	100	206	222	251		75	-	987	598	27	1,650	8.4
AA-4	A. F. Buchanan	520	P	Mar. 21, 1956	21	-	139	44	222	277	259	302		.2	0.24	1,220	528	46	1,990	7.6
AA-12	Dow Puckett	410	P	Dec. 1948	15	-	156	74	113	148	686	68		9.2	.84	1,190	694	26	1,670	-
AA-14	do	325	P	June 16, 1942	-	-	-	-	-	184	754	96		-	-	1,440	-	-	-	-
AA-15	do	220	P	Nov. 16, 1946	-	-	152	53	167	260	352	270		.5	-	1,120	598	38	-	-
AA-17	University of Texas	211	P	Nov. 24, 1949	14	-	147	52	217	241	449	275		.2	-	1,270	581	45	1,940	7.5
AA-22	Jeff B. Wade	360	P	Jan. 14, 1950	18	.01	151	53	206	243	446	268		.0	-	1,260	594	43	1,950	8.2
AA-23	Mrs. Rhoda Kelly	416	P	Nov. 13, 1946	-	-	140	66	160	400	439	130		.0	-	1,130	621	36	1,650	-
AA-27	Jeff B. Wade	418	P	do	-	-	110	35	225	400	422	100		.0	-	1,090	418	54	1,610	-
AA-27	do	418	P	Jan. 12, 1950	-	-	-	-	-	-	462	95		-	-	-	-	-	1,560	-
AA-28	Mrs. Rhoda Kelly	427	P	Aug. 10, 1950	31	-	60	23	56	223	105	47		10	-	448	244	33	741	7.8
AA-29	do	490	P	Mar. 23, 1950	32	.01	88	22	47	261	107	57		7.5	-	512	310	25	802	7.5
AA-30	Dow Puckett	400	P	Nov. 18, 1946	-	-	170	82	214	238	660	238		11	-	1,490	762	38	-	-
AA-31	do	540	P	June 16, 1942	-	-	-	-	-	280	333	314		-	-	1,090	-	-	-	-
AA-34	do	580	P	Mar. 25, 1950	20	.02	123	45	197	274	316	260		1.0	-	1,100	492	47	1,800	7.4
BB-1	Jeff B. Wade	400	P	Jan. 13, 1950	-	-	-	-	-	-	465	278		-	-	-	-	-	2,000	-
BB-3	A. L. Price	270	P	Nov. 15, 1946	-	-	-	-	-	199	387	298		-	-	-	a532	-	1,890	-
BB-4	do	300	P	Nov. 14, 1946	-	-	-	-	-	227	493	290		-	-	-	a608	-	2,050	-

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micro-mhos at 25°C)	pH
BB-11	University of Texas	375	P	Apr. 17, 1947	-	-	144	51	169	270	348	250		.5	-	1,100	569	39	1,690	-
BB-13	E. B. Carson	430	P	Nov. 14, 1946	-	-	-	-	-	326	330	256		-	-	-	-	-	1,810	-
BB-15	do	295	P	June 16, 1942	-	-	-	-	-	282	368	290		-	-	1,290	-	-	-	-
BB-18	A. L. Price	277	P	Nov. 15, 1946	-	-	-	-	-	210	323	280		-	-	-	442	-	1,800	-
BB-19	Jeff B. Wade	375	P	Nov. 13, 1946	-	-	200	59	206	290	494	310		.5	-	1,410	742	38	2,090	-
BB-20	Jack Allison	340	P	Apr. 4, 1958	15	-	154	45	209	264	398	278		.0	-	1,230	569	44	1,940	7.8
BB-30	E. B. Carson	450	P	June 16, 1942	-	-	68	14	14	234	34	18		5.0	-	304	227	12	-	-
BB-30	do	450	P	Nov. 14, 1946	-	-	-	-	-	250	37	20		-	-	-	-	-	498	-
CC-6	University of Texas	300	P	Apr. 17, 1947	-	-	133	50	174	226	342	265		.5	-	1,080	538	41	1,750	-
CC-9	Alph Harral	300	P	May 7, 1947	-	-	138	38	142	302	264	200		5.0	-	980	500	38	1,470	-
CC-10	Mrs. Laro B. McKenzie	375	P	do	-	-	82	15	21	256	45	32		10	-	364	266	15	574	-
CC-32	Philip Robbins	283	P	June 1958	24	-	100	7.0	12	278	16	14	0.2	41	-	366	278	9	589	6.9
DD-2	University of Texas	385	P	May 9, 1947	-	-	84	20	24	242	66	50		7.0	-	427	292	15	667	-
DD-7	Lloyd Ligon	300	P	May 6, 1947	-	-	68	11	1.5	207	21	15		7.0	-	226	215	2	419	-
DD-10	do	565	P	May 3, 1947	-	-	70	14	7.2	219	28	25		5.0	-	280	232	6	473	-
DD-20	Helen Hokit	587	P	June 12, 1958	18	-	67	10	12	221	23	16		4.5	-	262	208	11	448	6.9
DD-29	Claude Owens	500	P	May 8, 1947	-	-	63	14	11	208	39	20		.5	-	259	215	10	412	-
DD-35	W. C. Mitchell	480	P	do	-	-	63	14	10	222	22	22		.5	-	264	215	9	430	-
EE-1	Bill McKenzie	400	P	Apr. 19, 1947	-	-	78	9.0	1.0	229	18	16		6.0	-	241	232	1	442	-
EE-2	do	278	P	Apr. 15, 1947	-	-	64	15	13	216	33	26		2.0	-	306	221	11	466	-
EE-4	Mary Carter	278	P	do	-	-	60	12	15	212	22	20		9.0	-	275	199	14	425	-
EE-9	Sherbino Estate	476	P	May 1, 1947	-	-	47	18	9.9	236	44	30		7.0	-	346	266	7	537	-
EE-18	do	659	P	Apr. 5, 1947	-	-	70	18	9.7	244	33	21		7.0	-	303	248	8	488	-
EE-19	Arthur Harral	720	P	May 5, 1947	-	-	69	20	16	232	49	30		6.0	-	337	254	12	530	-

See footnotes at end of table.

Table 7.--Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micro-mhos at 25°C)	pH
EE-20	Arthur Harral	600	P	May 5, 1947	-	-	70	22	18	226	47	46		7.0	-	350	265	13	568	-
EE-23	do	480	P	Apr. 5, 1947	-	-	92	10	19	248	38	43		11	-	375	270	13	592	-
FF-2	Sherbino Estate	503	P	May 1, 1947	-	-	76	18	3.4	234	36	26		6.5	-	330	264	3	508	-
FF-7	F. A. Perry	626	P	May 5, 1947	-	-	68	19	2.1	228	30	21		5.5	-	301	248	2	482	-
FF-8	do	485	P	do	-	-	63	25	5.8	213	63	23		.0	-	316	260	5	528	-
FF-9	do	590	P	May 1, 1947	-	-	80	27	15	252	79	36		5.0	-	450	310	10	637	-
FF-23	Arthur Harral	560	P	May 5, 1947	-	-	73	21	13	236	62	26	-	2.0	-	317	268	9	569	-
FF-25	do	440	P	do	-	-	74	21	8.7	240	52	26	-	3.5	-	325	271	7	538	-
FF-29	do	600	P	do	-	-	75	21	12	244	56	28	-	3.0	-	328	274	9	535	-
GG-5	C. C. Cannon	300	P	May 1, 1947	-	-	70	27	18	256	51	40	-	7.0	-	358	286	12	604	-
GG-12	John Monroe	250	P	Apr. 22, 1947	-	-	66	32	10	262	65	24	-	3.0	-	340	296	7	560	-
GG-24	Herbert Holmes	50	P	do	-	-	78	27	20	280	48	48	-	4.0	-	390	306	13	615	-
GG-29	do	240	P	do	-	-	60	33	23	280	50	34	-	7.5	-	345	285	15	600	-
GG-34	C. C. Cannon	303	P	Apr. 29, 1947	-	-	76	23	8.5	258	56	22	-	1.5	-	342	284	6	533	-
GG-40	T. G. Thigpen	210	P	do	-	-	62	26	17	258	38	30	-	6.5	-	342	262	13	530	-
GG-49	Mrs. Jerry Monroe	40	P	Apr. 22, 1947	-	-	78	20	9.2	290	22	20	-	10	-	314	276	7	526	-
GG-56	do	150	P	Dec. 13, 1946	-	-	38	23	18	186	33	28	-	2.2	-	263	190	17	561	-
GG-60	C. D. Wilson	35	P	Apr. 22, 1947	-	-	72	21	15	258	44	26	-	7.0	-	331	266	11	546	-
GG-66	Sheffield Public School	139	P	do	-	-	77	17	4.8	262	21	22	-	6.0	-	282	262	4	513	-
GG-82	Mrs. H. C. Noelke Jr.	180	P	June 7, 1946	-	-	70	16	13	254	26	18	-	9.1	-	277	240	10	-	-
HH-1	Graef Bros.	b359	P	May 19, 1947	-	-	88	23	95	246	143	120	-	.8	-	646	314	40	1,020	-
HH-1	do	b359	P	Sept. 8, 1956	28	-	81	19	105	250	134	116	-	.1	-	636	280	45	997	7.5
HH-4	do	450	P	Mar. 5, 1956	34	-	90	23	130 7.8	250	191	148	-	1.1	0.17	767	319	46	1,180	7.5
HH-6	Townsend Estate	300	P	May 19, 1947	-	-	101	27	141	304	193	155	-	.2	-	814	363	46	1,250	-
HH-6	do	300	P	Sept. 5, 1956	32	-	91	25	143	247	197	142	1.2	4.9	-	784	330	51	1,210	7.6

See footnotes at end of table.

Table 7.-- Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micro-mhos at 25°C)	pH
HH-13	David McGill	300	P	Sept. 5, 1956	32		43	19	49	194	49	30	1.2	48	-	371	166	37	575	7.8
HH-15	do	6200	P	Mar. 5, 1956	44		58	5.3	26 3.7	218	20	16	-	6.0	11	298	166	25	441	7.5
HH-16	Mrs. Elizabeth Graef	300	P	Sept. 5, 1956	43		65	8.0	37	184	52	16	.8	56	-	386	195	29	545	7.7
HH-17	David McGill	280	P	Nov. 24, 1956	24		30	15	135	201	158	48	1.6	37	-	548	137	68	833	7.8
HH-18	Mrs. -- Shirley	6320	P	May 19, 1947	-		48	21	35	224	42	26	-	24	-	348	206	27	558	-
HH-18	do	400	P	Sept. 5, 1956	31		42	23	36	236	33	16	1.0	30	-	328	199	28	522	7.8
HH-23	D. J. Sibley	1,209	C(?)	Apr. 1946	-		58	30	8.3	296	17	16	-	2.8	-	303	268	6	-	-
JJ-3	Elsinore Cattle Co.	6520	P	Nov. 1950	13		115	21	59	357	150	38	-	.0	-	572	374	26	247	8.2
JJ-17	Texas American Syndicate	1,150	-	June 23, 1947	-		60	40	20	329	69	8.0	-	5.4	-	399	314	12	760	-
JJ-19	J. M. Montgomery	1,300	L	do	-		37	35	14	283	14	12	-	2.8	-	254	236	11	449	-
KK-15	Jack Allison	700	-	Apr. 4, 1958	24		98	20	64 8.0	259	104	103	-	12	-	560	326	29	923	-
KK-23	Frank Fulk	790	-	June 23, 1947	-		46	23	8.6	242	8.6	14	-	.8	-	252	209	8	425	-
KK-25	Jack Allison	950	-	Apr. 4, 1958	24		58	26	5.4 3.5	264	11	8.0	1.4	25	-	296	252	4	482	7.3
LL-4	Floyd Henderson	700	P	Oct. 28, 1958	11		45	14	80	272	86	20	1.7	.1	-	392	170	51	640	7.7
MM-9	M. C. Puckett	920	-	do	8.6		56	24	76	157	129	97	1.3	.1	-	482	238	41	794	8.1
MM-14	Guy S. Rachal	630	P	do	21		78	6.9	10	256	12	7.0	.1	16	-	284	223	9	457	7.3
NN-3	Claude Owen	450	P	Oct. 20, 1958	17		94	25	99	252	164	122	.8	2.8	-	668	338	39	1,070	7.6
NN-5	Joe Bynum	425	P	Oct. 28, 1958	18		115	37	164	272	267	205	1.3	1.2	-	970	439	45	1,500	7.3
PP-7	H. Q. Lyles	600	P	May 6, 1947	-		73	16	9.4	236	29	28	-	7.0	-	308	248	8	479	-
PP-10	P. C. Coats	135	P	do	-		108	30	68	258	143	125	-	4.0	-	667	393	27	1,010	-
QQ-1	Texas American Syndicate	1,450	-	Oct. 10, 1958	12		47	28	5.4 1.1	272	14	5.0	.4	2.5	-	249	232	5	455	7.9
QQ-6	Wayne Moore	400	H	Apr. 2, 1958	26		102	53	152 7.6	548	254	70	-	.5	-	934	472	41	1,430	-
QQ-8	do	140	P	Apr. 1958	22		45	65	99	351	134	114	-	10	-	667	380	36	1,100	7.9
RR-2	Jack Allison	105	L	Apr. 4, 1958	28		85	40	16 3.9	353	54	34	-	29	-	464	376	8	743	-

See footnotes at end of table.

Table 7.-- Analyses of water from wells and springs in Pecos County--Continued

Well	Owner	Depth of well (ft.)	Water-bearing unit	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micro-mhos at 25°C)	pH
RR-3	Jack Allison	240	P	Apr. 4, 1958	20		67	24	15	256	54	18	.4	5.9	-	332	266	11	542	7.6
RR-5	do	172	P	Aug. 11, 1950	19		39	65	69	216	177	103	-	9.9	-	508	365	29	1,090	8.2
RR-6	do	220	P	Apr. 4, 1958	18		46	53	82	242	164	97	-	6.8	-	500	333	35	957	7.9
RR-7	do	220	H	do	24		117	79	111	421	415	58	-	.0	-	1,010	617	28	1,470	8.2
RR-12	W. E. McGonagill	160	D	Apr. 1958	22		65	48	97	311	143	113	-	9.3	-	667	350	37	1,070	8.1
SS-19	George Skevington	175	P	Oct. 9, 1958	19		23	11	172	468	35	26	-	4.2	-	530	102	78	849	-
UU-13	Charles Downie	650	P	Oct. 28, 1958	18		66	14	20	245	26	20	.6	9.8	-	294	222	16	495	7.4
UU-24	Mrs. R. F. Spencer	650	P	Oct. 13, 1958	16		58	9.3	11	212	13	11	-	4.5	-	227	183	11	392	7.6
UU-32	C. C. Mitchell	525	P	Oct. 9, 1958	16		58	8.0	12	211	11	10	.5	4.0	-	224	178	13	354	7.8
VV-24	West-Pyle Cattle Co.	300	P	do	16		58	12	19	247	13	13	-	.5	-	252	194	17	437	7.9
VV-30	Mrs. Van Casey	-	P	do	16		55	20	22	228	30	27	-	13	-	304	219	18	504	8.1
WW-1	West-Pyle Cattle Co.	310	P	do	12		54	11	19	243	22	14	-	.0	-	231	180	19	409	7.6
WW-16	Joe N. Brown	630	P	do	20		52	19	20	238	20	16	-	15	-	279	208	17	467	7.8

a Hardness by soap method.

b Well deepened after sampling.

c Analysis by Western Cotton Oil Laboratory.