Table 40.--Selected well logs--Continued

Material	Thick-ness (feet)	Depth (feet)
18/29-5aaa--Continued		
Cemented basalt gravel and boulders, little clay and sand	5	616
Some with more porous grains, some clay, grass roots	7	623
Lost mud rapidly after 6 inches into clay formation at 623 feet		
18/29-16bb (Kingman, D. B., 1959, Nev. p. 15)		
Sand, fine grained surface material	9	9
Clay, green with nodules of gray clay, little sand	16	25
Clay, green, hard and tight	8	33
Clay, very fine grained sandy gray, some mica and country grains of sand	41	74
Clay, same with lenses of black clay	9	83
Clay, same with more sand	22	105
Sand, gray, poorly sorted, fine to medium rounded grains - eolian	38	143
Clay	11	154
Sand, poorly sorted fine to coarse rounded grains	10	164
Clay, black and gray, some fine sand	6	170
Clay, soft, black, some fine sand	7	177
Clay, green, tight	10	187
Clay, gray with nodules of black clay, very little sand; swamp odor from lower ½ of formation	86	273
Clay, gray and green with fine grained sand	32	305
Sand, medium to coarse, green clay, few grains of fine gravel	16	321
Clay, green, hard	45	366
Shaly clay, swamp gas	11	377
Clay, blue green	36	413
Shaly clay	6	419
Clay, gray and green, some medium grained sand; gas at 447 feet and 495 feet	76	495
Clay, gray soft, some sand	38	533
Clay, gray, green and black, little sand	22	555
Clay, gray, sandy, lenses of shaly clay; gas at 575 feet	34	589
Clay, sandy, gray, green and brown, nodules of lime, grass roots	13	602
18/29-23cac (Morrison, R. B., 1964, p. 149)		
Fallon Formation:		
Sand	11	11
Sehoo Formation:		
Clay, gray	36	47
Wyemaha Formation:		
Clay, black	101	148
Correlation uncertain:		
Clay, gray	67	215
Clay, soft, black	55	270
Clay, gray	72	342
Clay, gray, and fine sand	14	356
Clay, black	52	408
Clay, greenish-gray	142	550
Clay, gray-green	50	600
Clay, gray	155	755
Clay, green	25	780
Clay, gray	80	860
Clay, green-gray	26	886
Clay, gray, and streaks of sand	76	962
Clay, gray	94	1,056
Clay, grey, and sandy grit	24	1,080
Clay, gray	176	1,256
Sand, fine	2	1,258
Clay, gray	52	1,310
Clay, sandy, gray	17	1,327
Clay, gray	3	1,330
Clay, sandy, gray	32	1,362
Clay, gray	27	1,389
Sandstone	1	1,390
Clay, gray	27	1,417
Clay, soft, gray	9	1,426
Clay, hard, gray, and sand	2	1,428
Clay, soft, gray	12	1,440
Clay, gray	4	1,444
Clay, gray, some sand streaks	28	1,472
Clay, grisy, green	From	1,472
Total depth reported to be		1,700

Material	Thick-ness (feet)	Depth (feet)
18/31-20c (Morrison, R. B., 1959, p. 237)		
Sand and gravel	20	20
Clay, red	10	30
Sand	15	45
Clay	75	120
Gravel	10	130
Clay	35	165
Sand	5	170
Clay	85	255
Sandstone	70	325
Gravel; salt water	35	360
Sand	20	380
Gravel	6	386
Sandstone	14	400
Sand, dry	3	403
Sandstone	17	420
Gravel	10	430
Clay	90	520
Shale, blue	80	600
Shale, brown	20	620
Shale, blue	50	670
"Shale", brown	155	825
"Shale", blue	60	885
"Shale", gray	40	925
"Shale", brown	125	1,050
"Shale", gray	15	1,065
"Shale", brown	40	1,105
"Lime", gray	30	1,135
"Shale", brown	85	1,220
"Conglomerate"	15	1,235
"Lime", gray; "iron" at 1,370 feet	210	1,445
"Lime", black	15	1,460
"Shale", gray	30	1,490
"Sand", gray, carries water	10	1,500
"Lime", gray	135	1,635
"Lime", black	20	1,655
"Lime", blue	10	1,665
"Lime", black	10	1,675
"Lime", gray	65	1,740
"Lime", black	60	1,800
"Lime", gray	120	1,920
"Lime", black	60	1,980
Total depth reported to be or 2,060 feet		2,015
19/28-22dab (Morrison, R. B., 1959, p. 125-126)		
Sand	60	60
Clay, blue	9	69
Sand	3	72
Hard streak	1	73
Sand, coarse	32	105
Clay, gray and brown	15	120
Clay and streaks of sand	138	258
Gravel, cemented	20	278
"Metamorphosed rock"	5	283
Conglomerate, black	1	284
Rock, hard	2	286
Conglomerate	119	405
Sandstone	4	409
Clay, yellow	3	412
"Blue strata"	71	483
Sandstone	7	490
Shale	140	630
Sand, fine	5	635
Sandstone	7	642
Sandstone, soft, and sand	118	760
Shale	24	784
Lime and fine green sand	6	790
Sand, hard	35	825
Shale, blue	46	871
Sandstone	3	874
Shale, blue; hard streak at base	124	998
Shale, gray	13	1,011
Sandstone	24	1,035
Shale, blue and green	15	1,050
Hard vesicular basalt breccia, cemented by greenish $CaCO_3$	26	1,076
19/28-24acc (Morrison, R. B., 1959, p. 127)		
Surface soil	5	5
Clay, soft	11	16
Sand	3	19
Clay, soft	16	35
Clay, hard	3	38
Clay, soft	2	40
Sand	5	45
Clay, sandy	35	80
Clay, hard, sandy	2	82
Sand	16	98
Clay, sandy	9	107
Silt, black	17	124
Sand, fine	4	128
Clay, soft	17	145
Clay, sandy	5	150
Sand, very fine	10	160
Clay	4	164
Sand	1	165
Clay	15	180
Sand with streaks of clay	16	196
Sand	2	198
Clay, sandy	10	208
Sand, fine	13	221
Clay, yellow	17	238
Gravel, fine	4	242
Clay, green	15	257
Sand	13	270
Sand, water-bearing	17	287
Clay	1	288
Sand and gravel, water-bearing	45	333

Material	Thick-ness (feet)	Depth (feet)
[illegible]		
Sand, fine grain	60	60
Clay, blue with sand stringers	37	97
Clay, gray, with sand stringers	45	142
Clay, gray, hard, with sand stringers	59	201
Sand, hard, large grain to small gravel	11	212
Clay, gray, sandy with sand stringers	58	270
Clay, gray, sandy	20	290
Sand	6	296
Clay, gray, sandy, and gravel	22	318
Clay, blue, sandy	52	370
Clay, gray, sandy, with sand stringers	85	455
Clay, blue, sandy	25	480
Clay, yellow, tan sticky clay, black mucky mud (gas)	40	520
Basalt	44	564
Basalt, black, hard	17	581
Basalt, black, extra hard	8	589
Basalt with quartz, some sand, real loose	25	614
Sand, loose, with gray sandy clay	59	673
Sand, hard	5	678
Sand with sandy clay	37	715
Sand, hard	2	717
Sand, silty, and sandy clay	23	740
Sand streaks with blue clay and sandy clay	73	813
19/28-36daa		
Topsoil and sand	4	4
Clay and sand	9	13
Sand, coarse	4	17
Clay, blue, and sand in streaks	19	36
Clay, brown, sandy	14	50
Clay, black	3	53
Clay streaks, dark, sand and gravel	147	200
Clay, dark, sandy	90	290
Clay, blue	60	350
Gravel, coarse	7	357
Clay streaks, sand, and gravel	133	490
Clay, blue	20	510
Rock, porous	48	558
19/29-30cba		
Topsoil	5	5
Sand, yellow, and gravel, soft	21	26
Clay, blue	8	34
Sand, blue	26	60
Clay, sandy, soft	31	91
Sand, streak of clay	30	121
Clay streaks, blue, yellow clay, blue sand	61	182
Clay, blue, 10 feet; 20 feet hard sand	30	212
Sand, blue	60	272
Sand, blue, some yellow clay	61	333
Clay, blue, yellow clay, streaks of sand; basalt 404 to 423 feet	90	423
Basalt	61	484
19/29-30cdb1		
Topsoil	5	5
Sand, fine	7	12
Sand and gravel	4	16
Clay, sandy	4	20
Sand, fine, and soft clay	13	33
Clay, blue, hard	1	34
Sand, fine, and soft clay	3	37
Tule sand, fine, odor very bad	32	69
Sand, coarse, and gravel, bad water due to tule water above	10	79
Tule sand, very fine	4	83
Sand, coarse, and gravel, tule water	8	91
Clay, brown	1	92
Sand, fine	8	100
Sand, fine, and gravel	9	109
Clay, brown	1	110
Sand, fine	13	123
Clay, brown	2	125
Clay, brown, sandy	2	127
Tule clay, black, soft	23	150
Tule clay, brown, soft, sandy	15	165
Sand, coarse, and gravel	2	167
Clay, black, hard	3	170
Clay, fine, sandy, and mud	138	308
Clay, brown, soft	5	313
Clay, fine, sandy, and mud	17	330
Clay, light, sandy	2	332
Clay, brown, hard	2	334

Material	Thick-ness (feet)	Depth (feet)
19/29-30cdb1--Continued		
Sandstone, brown	2	336
Clay, soft, mud, and silt	56	392
Clay, sandy, soft	36	428
Rocks, 2 inches	1	429
Clay, brown, soft	3	432
Sand, fine	1	433
Clay, brown, hard; cut-off point for 22-inch casing	11	444
Point of water	4	448
Water static 33 feet	2	450
Rock, very large, hard and soft, water good	10	460
Rock, very large, hard and soft	35	495
Setting of 14-inch water column	--	495
End of hole. Eight-inch drill left in hole, 495 feet to 506 feet. This hole is still in large rock, no sand, silt, or mud below 448 feet. Good water.		506
19/29-30cdb2		
Fallon Formation:		
Surface soil	5	5
Sand, fine	7	12
Sand and gravel, water-bearing	4	16
Wyemaha Formation:		
Clay, sandy	4	20
Sand, fine, and soft clay	13	33
Clay, hard, blue	1	34
Sand, fine and soft clay	3	37
"Tule" sand, fine, (with dark-colored organic matter), very bad odor	32	69
Sand, coarse, and gravel; bad-smelling water	10	79
"Tule" sand, very fine	4	83
Sand, coarse, and gravel; "tule" (swamp) water	8	91
Clay, brown	1	92
Sand, fine	8	100
Sand, fine, and gravel, water-bearing	9	109
Clay, brown	1	110
Sand, fine	13	123
Clay, brown	2	125
Clay, brown, sandy	2	127
"Tule" (organic) clay, black, soft	23	150
"Tule" (organic) clay, brown, soft, sandy	15	165
Sand, coarse, and gravel	2	167
Clay, hard, black	3	170
Unit unknown:		
Clay, fine-sandy, and mud	138	308
Clay, soft, brown	5	313
Sand, fine, clay and mud	17	330
Clay, light, sandy	2	332
Clay, hard, brown	2	334
Clay, gray	2	336
Clay, soft, and mud	56	392
Sand	63	455
Probably basalt of Rattlesnake Hill or Bunejug Formation:		
Basalt, hard, black	3	458
Lava, porous	2	460
Lava, porous, slightly harder	15	475
Lava, porous	40	515
Lava, very hard	6	521
19/29-31babc		
Clay and sand	15	15
Clay, blue, and sand	20	35
Sand, blue, fine	46	81
Sand	24	105
Clay, gray	30	135
Sand	3	138
Clay, blue	57	195
Sand	5	200
Clay, blue	15	215
Gravel, fine	15	230
Clay, gray	25	255
Sand and gravel	45	300
Clay, brown	98	398
Gravel, cemented	11	409
Clay, blue, and rocks	9	418
Volcanic rock - either boulders or shattered rock	17	435
Cinders, porous black rock, softer than above	9	444