

TABLE 1.--Driller's log of Almira test-observation well

Material	Thick- ness (feet)	Depth (feet)
Drilled by Adcock Drilling Co., Nov. 23, 1970- Feb. 10, 1971. Located about 0.45 mile south and 120 ft east of the NW corner sec. 16, T. 24 N., R. 31 E.		
Silt-----	8	8
Basalt, weathered, brown-----	12	20
Basalt, medium firm, vesicular, brown-----	30	50
Basalt, somewhat broken, dark brown-----	5	55
Basalt, medium soft, greenish black-----	11	66
Basalt, brown and tan, "pillow-zone?"-----	4	70
Basalt, hard, black and brown-----	7	77
Clay, hard, tan to buff-----	3	80
Basalt, vesicular, brown-----	3	83
Basalt, hard, gray-black-----	24	107
Basalt, soft, slightly vesicular, gray-green-----	4	111
Basalt, medium hard, black-----	3	114
Clay, plastic, tan-brown-----	2	116
Basalt, soft, weathered, brown-----	3	119
Basalt, medium hard, gray-black-----	13	132
Basalt, medium soft, vesicular, gray-brown-----	14	146
Basalt, hard, gray-green-----	8	154
Basalt, soft, vesicular, brown-----	3	157
Basalt, medium hard, gray-brown-----	7	164
Basalt, medium hard, gray-black, appears badly broken from 172 to 175 ft-----	30	194
Basalt, medium hard, black-----	26	220
Basalt, very hard, black, a few phenocrysts, some green opallike material-----	24	244
Basalt, hard, gray-brown-----	12	256
Basalt, soft, slightly vesicular, black, some hard black interbedded clay-----	5	261
Basalt, medium hard, black-----	6	267
Basalt, medium hard, gray-brown-----	12	279
Basalt, medium soft, <u>trace of water</u> -----	2	281
Basalt, hard, gray-black-----	7	288
Basalt, medium hard, gray-brown-----	12	300
Basalt, hard, gray-green-----	41	341

(continued)

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TABLE 1.--Driller's log of Almira test-observation well--Con.

Material	Thick- ness (feet)	Depth (feet)
Basalt, medium hard, gray-green-----	26	367
Basalt, soft, brown-----	5	372
Basalt, medium, slightly vesicular, gray-----	66	438
Basalt, broken, brown and black, much hard yellow clay, "pillow zone?", water-bearing-----	8	446
Basalt, medium hard, dense, gray-----	61	507
Basalt, very vesicular, brown, some hard brown clay; <u>much water</u> -----	28	535
Basalt, soft, vesicular, black-----	7	542
Basalt, hard, dense, dark gray-----	13	555
Basalt, medium hard, dark gray-----	14	569
Basalt, medium hard, fractured, dark gray-----	64	633
Basalt, hard, dark gray-----	22	655
Basalt, soft, vesicular, dark gray to brown, possibly some clay-----	29	684
Basalt, hard, some fractures, dark gray-----	10	694
Basalt, medium hard, dark gray-----	56	750

Casing: 10-inch to 60 ft.