

CE-BH-7 WELL HISTORY

09/26/90

Moved in Buckner Drilling, Company rig on CE-BH-7. Drilled 20' of 12" hole in competent rock.

09/27/90

Set 8" ID x 1/4" wall casing in hole. Waited 4 hours on Bend Ready Mix. Cemented casing with 1 1/2 yds. grout cement.

09/28/90

Air - Foam drilled 8" hole from 20' to 353' in cinders, basalt, and dacite.

09/29/90

Rig shutdown

09/30/90

Rig shutdown

10/01/90

Air - Foam drilled 8" hole from 353' to 453' in Dacite and Tuff. Wiped hole, okay.

10/02/90

Ran in hole to 450', found 3' fill. Pulled out of hole. Ran 21 jts. plus 2 pup jts., 4 1/2" 11.60 # N80 buttress casing with guide shoe on bottom @ 436' and float collar at top of bottom jt. @ 425'. Pumped 5 yds., (135 cu.ft.), neat construction cement down drill pipe. Pumped locked up due to inconsistency of slurry. Poured 7 yds., (189 cu.ft.), neat construction cement into annulus between 4 1/2" casing and 8" hole. Total cement = 12 yds. or 324 cu.ft. cement. Theoretical volumes = 38 cu.ft. to fill 4 1/2" casing and 107 cu.ft. to fill the annulus between the 4 1/2" casing and 8" hole wall, a total of 145 cu.ft. was required with no excess. 179 cu.ft. or 6.6 cu.yds. of excess cement was used. CIP at 1720 hours. Cement did not drop in annulus.

10/03/90

Cement at surface in annulus. Removed valve and fittings from 4 1/2" casing, leaving a 4 1/2" buttress x 2" LP XO with collar and flat plug at surface. Cement 3' down inside the casing. Rigged down rig. Loaded out equipment.

NOTE: Collar on top 10' pup jt. approximately 5' below ground.

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