

FEDERAL 28 NO. 1      On Report

March 30, 1991      Day No. 11

TD Reached:      6,007' KB.

Current Operation:    Setting Cement Plugs

Detail:    Drilled well to TD of 6007'.    Circ on bttm.    Pumped slug to sweep hole.    Made short trip.    POH to log.    RU Schlumberger and log well.    RD loggers.    TIH w/ DC and weight pipe.    POH laying dn same.    TIH to 5955' w/ 4-1/2" drill pipe.    RU Dowell.    Spot a 73 sk cement plug over Entrada formation from 5955' to 5758'.    Pull pipe to 4885'.    Spot a 73 sk cement plug over Dakota formation from 4885' to 4688'.    Pull pipe to 3569'.    Spot a 73 sk cement plug over Gallup formation from 3569' to 3372'.    All cement Class "G", yield 1.15 cu ft/sk, Density 15.8 lb/gal.    All plugs displaced w/ 9.0 lb/gal drilling mud.

Drilled 3 hrs,    Circ 3.75 hrs.    Trip 8 hrs.    Log    5.5 hrs,    Set cement plug 3.75 hrs.    (CCM)

March 31, 1991      Day No. 12

Current Operation:    Plugging Well

Detail:    Pull pipe to 1280'.    Spot a 73 sk plug over Mesaverde formation from 1280' to 1083'.    Pull pipe to 490'.    Spot a 200 sk cement plug across Pictured Cliff formation from 490' to 190'.    Pull pipe out of hole.    ND BOP and drilling head assembly.    WOC.    TIH.    Tag cement top at 210'.    Pull pipe to 50'.    Spot a 58 sk cement plug from 50' to surface.    Pull pipe out of hole.    RD Dowell.    RD rig.    Release rig.

All cement Class "G", yield 1.15 cu ft/sk, density 15.8 lb/gal.  
200 sk plug over PC 2% CaCl used in cement.  
All plugs displaced with 9.0 lb/gal drilling mud.    (ARM)