

7-22-83

TD - 220'. Present operation: drilling 12 1/4" hole with bit #3. 24 hr. activity: drilled without returns to 165', POOH and rig up B.J. Hughes, spotted 100 sks. "GypSeal" cement at 150', POOH and found cement top at 137'. Waited 2 1/2 hrs., spotted 150 sks. Class C with 4% CaCl₂ at 130', POOH and found cement top at 128'. Waited 1 1/2 hrs., spotted 3 bbl. fresh water on top of plug, fluid level dropped 15' in 10 min. Spotted 75 sks. of Class C with 4% CaCl₂ at 122', POOH and found cement top at 60' inside conductor. Washed cement top to 90' with fresh water. Last plug in place at 4 pm. WO cement - 8 hrs. Began drilling out plug at 12 midnight.

7-23-83

TD - 800'. Preparing to run temperature survey to locate top of cement. Drilled 12 1/4" hole to 438', lost circulation at 438'. Pumped lost circulation pill, failed to establish returns. Continued drilling blind to 800'. Larry Brooks of the NM OCD gave verbal approval for the setting of intermediate casing at 800'. POOH and ran 20 joints of 8 5/8" 24# J-55 ST&C casing, landed at 800'. Waited on Western 2 1/2 hrs. Rigged up Western and pumped 150 sks. of Pacesetter Lite + 1/4 16/sk Cello Seal + 2% CaCl₂. Plug down at 11:20 PM. Did not circulate. Will wait 8 hrs. and run temperature survey prior to one-inching cement.

7-24-83

TD - 1189'. Drilling with bit #4, 7 7/8" hole. Rigged up Bennett-Cathey, ran temperature survey, found cement top at 480'. Rigged up to one-inch. Spotted a 50 sk. plug of Class C + 4% CaCl₂. POOH with one-inch, no fluid on pipe. Received approval from Larry Brooks of NM OCD to use ready-mix cement to the surface. Dumped 7 1/2 yards of ready-mix to cement to surface. Welded on casinghead, nipped up BOP. Pressured up on casing at 5:30 PM and found leak between BOP and flange. Nipped down BOP, replaced seal ring between BOP and flange. Nipped up BOP. Pressure tested to 1000 psi for 30 minutes, held ok. Drilled out at 10:30 PM.

7-25-83

TD - 2315'. Drilling with bit #4, 7 7/8" hole. Mud wt. - 10.0. Had increase in background gas 1940-90.

Must have WO cement as per R. 4/107
~~of a test~~

✓ Put this info only on
C-103 Please