

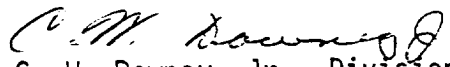
February 2, 1978

9. The setting depth of all casing is shown on Application to Drill. It is planned to circulate cement on both strings. On surface string, probably Type "H" with some salt and CFR₂ will be used. On the production string, we will use several hundred sacks of lite cement followed by Type "H" cement with some salt, sand and CFR₂ as determined by the hole condition. "Mud Flush" will be used ahead of the cement on the production string. After running caliper log, it is possible that a "DV" tool may be run in 5-1/2" pipe in an attempt to circulate cement.
10. Pressure control equipment is listed as Exhibit No. 3. The BOP will be tested before drilling below surface pipe and before drilling anticipated oil and gas formations.
11. The mud program will be, as recommended, by a reliable mud engineer. We will start to mud up at approximately 3,700' with viscosity of 34-38 and 9.5# salt-gel mud.
12. Logging and testing is shown on Application to Drill.
13. No abnormal hazards are expected.
14. Anticipated starting date is March 1 - 8, 1978. Duration of operations should be eight days.

I hope that this information, along with already submitted information, will be sufficient for you to approve this Application to Drill.

Respectfully,

SHENANDOAH OIL CORPORATION


C. W. Downey, Jr., Division Manager
West Texas-New Mexico Division

CWDJr:ah
Enclosures

cc: D. Boland