

5. Mud Program:

- 0 - 500': Fresh water spud mud. Fresh water lime and gel. 8.5-8.8#/gal, 30-33 viscosity
- 500 - 1400': Brine water with salt gel and lost circulation material as required. 9.3-9.5#/gal, 28-30 viscosity
- 1400 - 3250': Fresh water system. Control pH with lime, 8.3-8.5#/gal, viscosity 28-30, pH 9-10
- 3250 - ~~6000~~^{T.D.}₃₃₅': Drill out with existing brine system circulating reserve pit. Control pH with lime. 9.2-9.4#/gal, viscosity 28-32, pH 9-10

6. Pressure Control Equipment: 3000 p.s.i. working pressure, double ram blowout preventor will be installed from 500' to total depth.

7. Proposed Testing, Logging and Coring Programs:

- Testing: No DST's anticipated
- Logging: DLL, Compensated Neutron, Gamma Ray. Possible mud logging unit from 1400' to total depth
- Coring : possible Delaware ~~and Bone Spring~~ cores

8. Auxiliary Equipment: Kelly cock, Full Opening Stabbing Valve.

9. Abnormal Pressures or Temperature Zones: Possible lost circulation in the Artesia group and Capitan Reef. No high pressure zones are anticipated.

10. Anticipated Starting Date: Commence drilling operations upon approval of the Permit to Drill.