

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 - 4200': 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 core
8. Auxiliary Equipment: Kelly cock, Full Opening Stabbing Valve.
9. Abnormal Pressure 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.