

**6. Types and Characteristics of the Proposed Mud System:**

The well will be drilled to TD with:

Depth	Type	Weight (ppg)	Viscosity (sec)
Surface to 1180'	Fresh Water Spud Mud	8.5- 8.8	30-33
1180' to 6600' TD	Brine Water w/ Loss Circ. Additvs. (Saltgel & Starch)	9.8-10.2	28-30

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept at the wellsite at all times.

**7. Auxiliary Well Control and Monitoring Equipment:**

- (A) A kelly cock will be kept in the drill string at all times.
- (B) A full opening drill pipe stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.
- (C) The drilling fluids system will be visually monitored at all times.
- (D) A mud-logging unit will monitor drilling penetration rate and hydrocarbon shots from somewhere below the surface casing.

**8. Logging, Testing and Coring Program:**

- (A) No drill stem tests are planned.
- (B) Compensated Neutron/LDT Log - GR and Dual Laterolog w/ MSFL. The Gamma Ray Log will be continued back to surface.
- (C) No cores are anticipated.
- (D) Other testing procedures may be used after the production casing has been set depending on shows and other testing indicators.

**9. Abnormal Conditions, Pressures, Temperatures, & Potential Hazards:**

No abnormal pressures or temperatures are anticipated. The estimated bottom-hole temperature at TD is 110 deg. F and the estimated maximum bottom hole pressure is about 2500 psi. No hydrogen sulfide or other hazardous gases or fluids are anticipated.

**10. Anticipated Starting Date and Duration of Operations:**

It is planned that operations will commence shortly after approval of this application, around November 15, 2000 or depending on rig availability. A company representative will inform the BLM of our intentions prior to spudding. It is anticipated that once drilling operations commence, they will last approximately 20 days, with completion operations lasting approximately 10 days. Production will be routed through a Eva Blinbry "B" Lease battery.