

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. A 2" kill line and 4" choke line will be included in the drilling spool located below the ram-type BOP. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and a choke manifold arc 4000 psi WP rating.

6. Proposed Mud System:

The proposed mud system will be a combination of fresh water, brine, cut brine, and polymer gel. The depth and mud properties of the mud system are listed below.

Depth	Type	Weight (ppg)	Viscosity (sec)	Waterloss (cc)
0-400'	Fresh Water	8.5	40	N.C.
400'-2800'	Fresh Water	8.5	26	N.C.
2800'-7000'	Fresh Water	8.5	26	N.C.
7000'-8800'	Cut Brine	9.5	28	N.C.
8800'-10,550'	Polymer/Brine	10.0	40	10 cc

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

7. Auxiliary Well Control and Monitoring Equipment:

- A Kelly cock will be kept in the drill string at all times.
- A full opening drill pipe stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.
- A mud logging unit complete will be monitoring drilling penetration rate and hydrocarbon shows from 6000' to TD.

8. Drillstem Testing, Logging and Coring Programs:

- Drillstem tests will be run based on shows encountered while drilling.
- Electric logs: CNL-LDT-DLL-MSFL-LS Sonic-GR. ICP to 10550' (GR-CNL to surface).
- Coring: Possible sidewall cores.