

5-1/2" casing will be cemented with approximately 500 sacks of Class "H" cement.

Cement quantities and additives may be varied to best suit hole conditions at the time casing is run.

5. PRESSURE CONTROL EQUIPMENT:

Blowout preventer stack will be a 2000psi working pressure stack while drilling the 12-1/4" hole.

Blowout preventer stack will be a 5000 psi working pressure stack while drilling below the 8-5/8" casing shoe.

Sketches of the BOP equipment is attached.

6. CIRCULATING MEDIUM:

Surface to 300 feet; Fresh water with gel or lime as needed for viscosity control.

300 feet to 5200 feet; Brine water with salt gel or lime as needed for viscosity control.

5200 feet to 12,000 feet; Cut brine. Additives as necessary for control of pH, viscosity, and weight.

12,000 to Total Depth; Brine-Polymer-KCl drilling fluid treated as necessary for viscosity and well control.

7. AUXILIARY EQUIPMENT:

Drill string safety valves will be maintained on the rig floor in the open position while drilling operations are in progress.

PVT and flow sensor equipment will be in use while drilling the lower part of the hole.

8. TESTING, CORING AND LOGGING PROGRAMS:

Drill stem tests will be made when samples, drilling time or logging data are sufficient to indicate a possible pay zone.

It is planned that electric logs will include CNL-FDC with Gamma Ray and Dual Laterolog.

No coring is planned.