

5. PRESSURE CONTROL EQUIPMENT:

Blowout prevention equipment, while drilling the 12-1/4" hole, will be either a 3000 psi working pressure, double ram type preventer or a 3000 psi working pressure, annular type preventer.

While drilling below the 8-5/8" casing seat, blowout prevention equipment will consist of 3000 psi working pressure, ram type, dual preventers and choke manifold and a 3000 psi working pressure annular type preventer.

BOP Sketch is attached.

6. CIRCULATING MEDIUM:

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

300 feet to 2500 feet: Fresh water conditioned as necessary for control of viscosity and seepage.

2500 feet to Total Depth: Water base drilling fluid conditioned as necessary for control of viscosity, pH, weight and water-loss.

7. AUXILIARY EQUIPMENT:

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

A rotating drilling head will be in use while drilling the lower part of the hole.

8. TESTING, LOGGING AND CORING PROGRAMS:

Drill stem tests will be made when samples, drilling time, and other data indicate a test is warranted.

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

No coring is planned.