

5. **The Operator's Minimum Specifications for Pressure Control Exhibit "C":**

is a schematic diagram of the blowout preventor equipment. The BOP's will be hydraulically tested to 2500 pound working pressure after nipple up and after any use under pressure. Pipe rams will be operationally checked each 24 hour period, as will blind rams and annular preventor each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

Accessories to BOP will include an upper and lower kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

6. **The Type and Characteristics of the Proposed Circulating Muds:**

Mud System will be gel-Chemical with adequate stocks of sorptive agents on site to handle possible spills of fuel and oil on the surface. Heavier muds will be on location to be added if pressure requires.

Depth	Type	Weight #/Gal	Viscosity (Sec./Qt.)	Fluid	PH
0'-350'	Fresh wtr. gel, lime	9.5-10.0	30-35	N/C	9
350'-2450'	Brine wtr.	10.0-10.2	28-30	N/C	9.5
2450'-3200'	Brine wtr.	10.0-10.2	30-34	12-15	10

7. **The Auxiliary Equipment to be used:**

- (a) An upper and lower kelly cock will be kept in the string.
- (b) A float will not be used at the bit.
- (c) A mud logging unit will be used to monitor the system.
- (d) A stabbing valve will be on the floor to be stabbed into the drill pipe when the kelly is not in the string.

8. **The Logging Program to be Followed:**

- (a) Mud logging unit from 2400' to total depth.
- (b) Compensated Sonic, Gamma Ray & Caliper from (0-3200' or Total Depth). Dual Laterolog from 350' - 3200' or total depth.
- (c) 5-1/2" cased hole log GR-CCL (2575 - 3200')