

.25# celloflake + 4% bentonite + 100sx Class C + 1% calcium chloride.

Estimated top of cement is surface.

Note: Cement volumes will be adjusted based on experience and fluid caliper.

11. Pressure Control Equipment

0' – 1500'	None
1500' – 6000'	6" 3000# ram type preventers with one set blind rams and one set pipe rams and a choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system.

After setting the 8 5/8" casing, the blowout preventers and related control equipment shall be pressure tested to 1500psi. Any equipment failing to test satisfactorily shall be repaired or replaced. Results of the BOP test will be recorded in the Driller's Log. The BOP's will be maintained ready for use until drilling operations are completed.

BOP drills will be conducted as necessary to assure that equipment is operational and each crew is properly trained to carry out emergency duties.

Accumulator shall maintain a pressure capacity reserve at all times to provide for the close-open-close sequence of the blind and pipe rams of the hydraulic preventers.

12. Mud Program

0' – 1500'	Fresh water/native mud. Lime for pH control (9-10). Paper for seepage. Wt. 8.7 – 9.2 ppg, vis 32 – 35 sec.
1500' – 5700'	Brine water. Lime for pH control (9-10). Paper for seepage. Wt. 9.9-10.1 ppg, vis 28-29 sec. Potential lost circulation at +/-4000'