

Cement Program:

8 5/8" surface casing: Cemented to surface with 250 sx of Class C with 2% CaCl and 1/4 #/sx Flocele and 100 sx of Class "C" with CaCl.

5 1/2" production casing: Cemented with 300 sx of 50/50 Class "C" POZ with 6# salt/sx and 6% Halad 322 and 400 sx of Lite "C" with 3# salt/sx and 1/4#/sx flocele. This should circulate cement to the surface.

5. Minimum Specifications for Pressure Control:

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a bag-type (hydril) preventer (2000 psi WP). Unit will be hydraulically operated. BOP will be nipped up on the 8 5/8" surface csg and used continuously until TD is reached. BOP and accessory equipment will be tested to 1000 psi before drilling out of surface casing. A 2" kill line and a 2" choke line will be included in the drilling spool. Other accessories to the BOP equipment will include a kelly cock.

6. Types and Characteristics of the Proposed Mud System:

The well will be drilled to TD with a combination of fresh water and brine water mud system. The applicable depth and properties of this system are as follows:

<u>Depth</u>	<u>Type</u>	<u>Weight (ppg)</u>	<u>Viscosity (sec)</u>	<u>Waterloss (cc)</u>
0-350	Fresh water (spud)	8.5	40-45	N/C
350-TD	Brine water, SWG, Starch	10.0	30	24

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