

4. Casing Program:

<u>Hole Size</u>	<u>Interval</u>	<u>OD csg</u>	<u>Weight Grade Jt Cond Type</u>
17-1/4"	0-350'	13-3/8"	54-1/2#, J-55, New
12-1/4"	350'-1350'	8-5/8"	24#, J-55, New
7-7/8	1350'-TD	5-1/2"	4#-15.50#, J-55, Used

Cement Program:

13-3/8" surface casing: Cemented to surface with 250 sx of Class C with 2% CaCl₂ and 1/4#/sx Flocele and 100 sx of Class C with 2% CaCl₂.

8-5/8" intermediate csg: Cemented to surface with 700 sx of Class C with 2% CaCl₂.

5-1/2" production csg: Cemented with 300 sx of 50/50 Class "C" POZ with 6# salt/sx and 3# Halad 322 and 500 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 with a double ram BOP (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.