

4. Casing Program:

<u>Hole Size</u>	<u>Interval</u>	<u>OD Csg</u>	<u>Weight, Grade, Jt. Cond, Type</u>
17 1/2"	0- 400'	13 3/8"	48#, H-40, ST&C, New
11"	0-2680'	8 5/8"	24# & 32#, J-55, ST&C, New
7 7/8"	0-3500'	5 1/2"	17#, J-55, LT&C, New

Cementing Program:

Surface Casing: 13 3/8" casing will be set at approximately 400' and cemented with approximately 500 sacks of Premium Plus cement with 2% CaCL and additives. The amount may be adjusted depending upon the fluid caliper results, however, cement in sufficient quantities to circulate will be utilized.

Intermediate Casing: 8 5/8" casing will be set at approximately 2680' and cemented in two stages with approximately 1100 sacks of Poz cement and 400 sacks of Class "C" cement with additives. The amount may be adjusted dependent upon fluid caliper results, however, cement in sufficient quantities to circulate will be utilized.

Production Casing: If appropriate, 5 1/2" casing will be set at Total Depth. Strata will utilize cement in sufficient quantities to circulate cement into the 8 5/8" casing with approximately 400 sacks of 50/50 Poz "C" cement with additives. Estimated Top of Cement 1500'.