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4. <u>Casing Program</u>:

Hole Size	Interval	<u>OD Csg</u>	<u>Weight, Grade, Jt. Cond, Type</u>
17"	0- 350′	13 3/8"	48#, H-40, ST&C, New
12 1/4"	0-3400′	8 5/8"	24# and 32#, J-55, ST&C, New
7 7/8"	0-9600′	5 1/2"	17#, K-55 and N-80, LT&C, New

Cementing Program:

- Surface Casing: 13 3/8" casing will be set at approximately 350' and cemented with approximately 425 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 3400' and cemented with approximately 1400 sacks of 35/65 Poz "C" cement with 15# salt and 1/4# Kwikseal per sack, and 200 sacks Class "C" with 5# salt. 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 utilizes cement in sufficient quantities to circulate cement into the 8 5/8" intermediate casing in two (2) stages. The first stage to be cemented with approximately 600 sacks 35/65 Poz "C" with 8# salt and 1/4# Flocele per sack. The second stage to be cemented with approximately 170 sacks of 50/50 Poz "H" with 5# salt and 1/4# Flocele per sack.

