

Cementing:

9-5/8" surface casing: 110 sacks (130 cu.ft.) Class "B" with 1/4# gel flake per sack and 3%  $\text{CaCl}_2$ . WOC 12 hours. Test to 600# prior to drilling out.

7" intermediate casing: 95 sacks 50/50 Class "B" Poz with 6% gel mixed with 7.2 gallons water per sack. Follow with 70 sacks Class "B" with 2%  $\text{CaCl}_2$ . (223 cu.ft.) WOC 12 hours. TS-8 hours.

4-1/2" liner: Precede cement with 20 bbls gel water. Cement with 300 sacks (444 cu.ft.) 50/50 Class "B" Poz with 6% gel, 1/4# gel flake per sack and 0.6% Halad 9 or equivalent.