

PROPOSED CEMENT PROGRAM :

- 20" Conductor - Cemented with ready mix to surface.
- 13 3/8" Surface - 400 sxs Class "C" + 4% Gel + 2% CaCl_2 followed by 350 sxs Class "C" + 2% CaCl_2 . TOC @ surface.
- 8 5/8" Intermed.- Stage collar at 2500'. First stage 550 sxs Class "C" Poz followed by 250 sxs Class "C". Second stage 700 sxs Class "C" Poz followed by 200 sxs Class "C". TOC @ surface.
- 5 1/2" Product. - Stage collar at 9500'. First stage 800 sxs Class "H" + 15#/sx CSE + 3% NaCl. Second stage 500 sxs Class "C" + 15% CSE followed by 600 sxs Class "H" + 6% bentonite. TOC @ 4400'.

5. PRESSURE CONTROL EQUIPMENT : A blowout preventer stack for the intermediate hole will consist of at least a double-ram blowout preventer rated to 3000 psi working pressure. The blowout preventer stack for the production hole will consist of at least a double-ram blowout preventer and an annular preventer rated to 5000 psi working pressure. A sketch of the B.O.P.'s and Choke Manifold are attached.
6. CIRCULATING MEDIUMS : Fresh water spud mud 0'-850'. Brine water 850'-4500'. Cut brine mud system 9.0-9.3 ppg with 35 viscosity will be used 4500' - 12650'.
7. AUXILIARY EQUIPMENT : Full opening Kelly cock, to fit the drill string in use, will be kept on the rig floor at all times.
8. TESTING, LOGGING, AND CORING PROGRAM :
 - Samples - 4500'-12650'
 - D.S.T.'s - Morrow
 - Logging - Gamma Ray—CNL—FDC--DLL
 - Coring - No Coring is planned
9. ABNORMAL PRESSURES AND TEMPERATURES : None anticipated. Maximum bottom hole pressure should not exceed 5460 psi.
10. ANTICIPATED STARTING DATE : Drilling will commence about June 15, 2001. Drilling should be complete within 35 days. Completion operations (perforations and stimulation) will follow drilling operations.