

- (9) Casing Setting Depth and Cementing Program:
- (a) Surface casing will be set at 1,785' and cemented with 800 sacks Class "C" cement.
 - (b) Intermediate casing will be set at 8,700' and cemented with 775 sacks Class "C" cement.
 - (c) Production casing will be set at 11,900' and cemented with Class "H" cement.
- (10) Pressure Control Equipment: The minimum specifications for pressure control equipment can be seen on the attached Drawing No. 4 of Gulf's blowout preventer hook-up for 5000 psi working pressure.
- (11) Circulating Media:
- | | |
|------------------|--|
| 0' - 1,785' | Fresh water spud mud |
| 1,785' - 11,900' | Salt water polymer, wt 10#, vis 34, water loss 4cc |
- (12) Testing, Logging and Coring Programs:
- (a) Formation testing may be done at any depth where samples, drilling rate or log information indicate a possible show of oil or gas.
 - (b) Open-hole logs will be run prior to running casing at total depth.
 - (c) Coring is not planned.
- (13) Abnormal Pressure of Temperature and Hydrogen Sulfide Gas: We do not anticipate any abnormal pressure or temperature. BOP will be installed according to attached BOP Drawing No. 4.
- The presence of hydrogen sulfide gas is not anticipated.
- (14) Anticipated Starting Date: Drilling operations should start November 1, 1981.
- (15) Other Facets of the Proposed Operation: None

Yours very truly,

R. C. Anderson
for R. C. Anderson
Area Production Manager

KRP/jr