


- b. Intermediate casing will be 8-5/8" set at 4,200' and cemented with 1300 sacks Class "C" with 16% Gel Gulfmix and 200 sacks Class "C" Neat.
 - c. Production casing will be 5½" set at approximately 13,100' and cemented with Class "H" with 1% CFR-2 and 0.5% Halad-9. An open hole caliper log will be used to determine volumes. The volume used will be sufficient to bring cement top to 9,500'.
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' - 400', fresh water spud mud; 400' - 4,200', saturated salt water; 4,200' - 10,300', brackish water; 10,300' - 13,100', salt water polymer with the following properties: viscosity 34-38 seconds; water loss 10cc's or less; weight 9.5-10 ppg. Heavier weight mud will be used if required by well conditions.
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 at total depth.
 - c. No cores are planned.
13. Abnormal Pressure of Temperature and Hydrogen Sulfide Gas: We do not anticipate any abnormal pressure or temperature; however, BOP's with remote control and choke manifold as shown on Drawing No. 4 will be installed prior to drilling below intermediate casing.
- The presence of hydrogen sulfide gas is not anticipated.
14. Anticipated Starting Date: Drilling operations should begin February 1, 1980.
15. Other Facets of the Proposed Operation: None.


R. C. Anderson
Area Production Manager

Attachments