

9. Casing Setting Depth and Cementing Program: <sup>21600'</sup>
- Surface casing will be 8-5/8" set at 1200' and cemented with 200 sacks of lightweight cement plus 200 sacks of Class "C" with 2% CaCl<sub>2</sub>. <sup>Must circulate</sup>
  - Production casing will be 5-1/2" set at 9800' and cemented with Class "H" cement with a friction reducer and 5# per sack KCl.
10. Pressure Control Equipment: The minimum specifications for pressure control equipment can be seen on the attached Drawing No. 3 of Gulf's blowout preventer hook-up for 3000 psi working pressure.
11. Circulating Media: 0' - 1,200', Fresh water spud mud; 1,200' - 9,800', Fresh water with 3-4% KCl; Viscosity, minimum; Filtrate, 4-20 cc's; Weight will be increased if well conditions dictate.
12. Testing, Logging and Coring Programs:
- Formation testing may be done at any depth where samples, drilling rate, or log information indicate a possible show of oil or gas.
  - Open hole logs will be run at total depth.
  - No cores are planned.
13. Abnormal Pressure or 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. 3 will be installed prior to drilling below surface casing.
- The presence of hydrogen sulfide gas is not anticipated.
14. Anticipated Starting Date: Drilling operations should begin between September 15, 1978 and October 15, 1978.
15. Other Facets of the Proposed Operation: None

  
C. D. BORLAND  
Area Production Manager