

9. Casing Setting Depth and Cementing Program (continued):
- B. Intermediate casing set at 2500' and cemented with 200 sacks Halliburton Thick set with 12#/sack gilsonite, 1/2# flocele, 2% CaCl_2 and 500 sacks Class "C" with 16% gel Gulfmix and 200 sacks Class "C" with 2% CaCl_2 .
 - C. Production casing set at 10,700' and cemented with Class "H" with 0.5% Halad 9 and 1.0% CFR-2 with volume necessary to bring cement top to 9000' using caliper survey to determine volumes.
10. Pressure Control Equipmtne: The minimum requirement for control equipment can be seen on attached Drawing #3 of Gulf's blowout preventer hook-up for 3,000 psi working pressure.
11. Circulating Media:
- | | |
|------------------|---|
| 0' - 2,500' | Fresh water spud mud and fresh water |
| 2,500' - 8,000' | Salt Water 9-10 ppg |
| 8,000' - 10,700' | Salt Water Polymer with the following properties: Weight 10-10.8 ppg, viscosity 34-38, water loss 5 cc's or less. |
12. Testing, Logging and Coring Programs:
- A. Formation testing may be done at any depth where samples, drilling rate, or other information indicates a possible show of oil.
 - B. Open hole logs will be run prior to running the production string casing.
 - C. Coring is not anticipated.
13. Abnormal Pressure or Temperature and Hydrogen Sulfide Gas:
- We do not anticipate any abnormal pressures or temperatures; however, BOP's with remote controls and choke manifold as shown on Drawing #3 will be installed prior to drilling below intermediate casing. We do not anticipate encountering any hydrogen sulfide gas.
14. Anticipated Starting Date: August 15, 1980
15. Other Facets of the Proposed Operation:
- Due to the proximity of Lake McMillan to the proposed location Gulf is submitting to the NMOCD an application for a non-standard location for topographical reasons. Also as a contingency should the non-standard location not be approved, Gulf is submitting for approval a directional drilling plan to the NMOCD in order to produce from a bottom hole location in the Morrow formation within an area no nearer than 1980' FSL & 660' FEL 30-19-27, and no more distant than 2310' FSL & 990' FEL 30-19-27.

Yours very truly,

R. C. Anderson
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R.H.V.