

9. Casing Setting Depth and Cementing Program:

Surface casing set at 600' and cemented with 300sx. Class C w/6% gel, 1/4# flocele, 2% CaCl₂ and 150sx. of Class C Neat w/2% CaCl₂.

Intermediate Casing set at 3000' and cemented with 200sx. Halliburton Thickset w/12#/sack gilsonite, 1/4# flocele, 2% CaCl₂ and 600sx. Class C w/16% gel and 200sx. Class C w/2% CaCl₂.

Production Casing set at 11,300' and cemented with Class H with 5# KCl/sack with 0.75% CFR-2 with volume necessary to bring cement top to 9800' using caliper survey to determine volumes.

10. Pressure Control Equipment: The minimum requirement for control equipment can be seen on attached drawing #4 of blowout preventer hook-up for 5000 psi working pressure.

11. Circulating Media:	<u>Depth</u>	<u>Media</u>
	0-3000'	Fresh water spud mud
	3000-8000'	Saltwater 9-10 ppg
	8000-TD	Saltwater polymer with the following properties: Wt. 10-10.8 ppg, viscosity 31-34, water loss 6 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) None 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 #4 will be installed prior to drilling below intermediate casing. We do not anticipate encountering any hydrogen sulfide gas.

14. Anticipated Starting Date: February 1, 1979

15. Other facets of the proposed operation: None