

10. Blow Out Preventer Program is Attached

11. Type and characteristics of the proposed circulating medium or mediums to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained.

Surf to 200' - Native mud x fresh water.

200' to 2,000' - Brine water, native mud and sufficient commercial mud to maintain good hole conditions

2,000' to 8,000' - Fresh water added to brine, native and commercial mud.

8,000' to 9,000' - KCL added for 3-4% system. At 8,400' raise viscosity with commercial mud for Morrow Penetration

12. Testing, logging and coring programs to be followed with provisions made for required flexibility.

Surf to TD - Gamma Ray-Sonic-Velocity Survey

2,000' to TD - GR-CNL-FDC-Caliper

2,000' to TD - GR-Dual Laterolog-Micro SFL-SP

13. Any anticipated abnormal pressures or temperatures expected to be encountered or potential hazards such as hydrogen sulfide gas, along with plans for mitigating such hazards.

None Anticipated

14. Anticipated starting date and duration of operation.

Start November 28, 1977. Complete December 19, 1977

15. Other facets of the proposed operation, operator wishes to point out for the Geological Survey's consideration of the application.

None