

6. The anticipated characteristics, additives, use, and testing of drilling mud to be employed, along with the types and quantities of mud products to be maintained, shall be given. When air or gas drilling is proposed, the operator shall submit the following specific information:

Mud Program:

0-850' fresh water, gel and lime system, MW 8.6 - 9.0

850-4600' Brine, MW 10.0 - 10.1

4600-TD fresh brine/Bentonite/Drispac, MW 8.4 - 8.6

7. The anticipated testing, logging, and coring procedures to be used, including drill stem testing procedures, equipment, and safety measures.

- a. DST Program: None

- b. Core: None

- c. Mud Logging: Two-man unit 4600' to TD.

- d. Logs to be run: LDT/GR/CAL: TD:ICP CR to surface
 DIL/SFL/GR:TD-ICP
 BHC Sonic: TD-ICP

8. The expected bottom-hole pressure and any anticipated abnormal pressures, temperatures or potential hazards that are expected to be encountered, such as lost circulation zones and hydrogen sulfide. The operator's plans for mitigating such hazards shall be discussed. Should the potential to encounter hydrogen sulfide exist, the mitigation procedures shall comply with the provisions of Onshore Oil and Gas Order No. 6.

No abnormal pressures are anticipated. bottom hole pressures at TD expected to be 4300 psi. Bottom hole temperature 140° F. No Hydrogen Sulfide expected in this known drilling area.

9. Any other facets of the proposed operation which the operator wishes for BLM to consider in reviewing the application.

Anticipated drilling time expected to be 20 days from surface to TD.

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