

**Casing Setting Depths and Cementing Program:**

- A. Surface casing will be cemented to surface using 590 sacks Class "C" cement with 2% CaCl<sub>2</sub>.
- B. Production casing will be cemented with 550 sacks Class "H" cement with 6% gel, 5% salt, & ¼# cell, tailed in with 330 sacks Class "H" 50/50 poz with 2% gel, 5% salt, & ¼# cell.

**Mud Program:**

| <u>Depth</u> | <u>Type</u> | <u>Weight</u> | <u>Remarks</u>              |
|--------------|-------------|---------------|-----------------------------|
| 0-950'       | Fresh Water | 8.4           | Circulate pits 28 viscosity |
| 950-4150'    | Brine       | 10            | Circulate reserves, 29 vis  |

**Testing, Logging, and Coring Program:**

- A. Salt Muds below Surface for logging requirements
- B. Install H<sub>2</sub>S equipment from 950' – TD
- C. Mudloggers from 2200' to TD
- D. No coring is planned.

**Anticipated Starting Date:**

Drilling operations should begin upon approval of this permit and will take approximately 10 days. Completion operations will begin soon after drilling is completed and will take approximately two weeks.