

6. Type and Anticipated Characteristics of Drilling Fluid:

| <u>Depth Interval</u> <u>(Feet)</u> | <u>Mud</u> <u>Type</u> | <u>Weight</u> <u>(ppg)</u> | <u>Funnel Visc.</u> <u>(Sec/Qt)</u> | <u>WL</u> <u>(cc)</u> | <u>pH</u> |
|--|---------------------------|-------------------------------|--|--------------------------|-----------|
| 0-1800 | FW Mud | 8.6-9.0 | 30-33 | - | 10.5 |
| 1800-TD | Brine | 10 | 30-33 | 10 | 10.5 |

7. Auxilliary Control Equipment:

- a. Kelly Cocks: Upper and lower installed on kelly.
- b. Safety Valve: Full opening ball type to fit each type and size of drill pipe in use will be available on rig floor at all times, in open position for stabbing into drill pipe when kelly is not in the string.
- c. Trip tank to insure that hole is full and takes proper amount of fluid on trips. Will be used during drilling of production hole.
- d. Mud system monitoring equipment and floats at the bit will not be used unless conditions dictate.

8. Testing, logging, and Completion Programs.

- a. Logging: Surface casing - TD FDC/DLL
Surface - TD CNL
- b. Plan to core PHI - 1 Marker from 4000' - 4300'.
- c. Completion - Formation: San Andres 3300-4000'

Proposed Completion Procedure: Spot acid across pay zone. Run GR-CCL and perforate. Acidize with 4000 gals. 15% gelled NE HCl.
- d. Production Method: Run packer on 2 7/8" tubing and set above San Andres perforations. Produce San Andres oil up the tubing.

9. Abnormal Pressure or Other Possible Hazards:

- a. No abnormal pressure is anticipated.
- b. No H₂S problem is expected.

10. It is anticipated that the drilling and completion operations will begin about November 15, 1979 and be finished in approximately 3 weeks.