

- I. OBJECTIVE: Drill a 2550' Penrose Sand Test Well.
- II. LOCATION: 1980' FSL and 660' FEL of Section 15, Township 16-South, Range 30-East.
- III. BUDGET CLASSIFICATION: Development Drilling.
- IV. PROJECTED TOTAL DEPTH, HOLE SIZE, SLOPE TEST:

- A. 12-1/4" hole to the top of the salt to accomodate 8-5/8" surface casing (approximately 450'-500').
- B. 7-7/8" hole to approximately 2550' to accomodate 4-1/2" production casing.
- C. Estimated drilling time 5-6 days.
- D. Slope test will be run on each bit trip or 500' intervals.
- E. If any coring or drill stem testing is done pipe will be strapped out of hole prior to coring or testing.

V. DRILLING CONTRACTOR:

- A. Contractor: W. E. K. Drilling Company, Inc. (Probable)
- B. Type Contract: Footage
- C. Contract Depth: 2550'

VI. MUD PROGRAM: Probably will be furnished by Marrs or Magobar.

<u>Interval</u>	<u>Type Mud</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Water</u>
0' - 2350'	Fresh & Salt Water	9-10	28 - 30	N.C.
2350' - 2550'	Salt Mud	10-11	36 - 38	N.C.

(Will mud up 200' from T.D.)

VII. TYPICAL GEOLOGICAL TOPS FOR WELL IN SECTION 15, T-16S, R-30E.

<u>Tops</u>	<u>Vertical Depth</u>	<u>Subsea</u>
Top Salt	450'	+3361'
Base Salt	1200'	+2611'
Yates	1400'	+2411'
Seven Rivers	1666'	+2145'
Queens	2212'	+1599'
Grayburg	2620'	+1191'

VIII. SAMPLES:

- A. 10' Samples from 220' to T.D. or as directed by Company Representative.

IX. CORES AND DRILL STEM TESTS:

- A. At the present time no cores or drill stem tests are planned.

X. LOGS:

- A. Proposed logging program will be a Sidewall Neutron, Gamma Ray, Caliper from 0' - T.D.

XI. CASING AND TUBING PROGRAM:

- A. Surface: 8-5/8" 20# Range 2 casing to be set approximately (450'-500') and circulated with Class "C" cement with 2% CaCl.