# RECEIVED

NOV 1-6 1964

D. C. C.

## DRILLING SAMPLES:

- 1. Two sets of 10' samples will be caught, washed, sacked, and labeled in bundles of 100' from surface to T.D.
- 2. Circulating and additional samples will be obtained as directed.
- 3. Quart samples will be obtained of all fluids recovered on DST.
- CORES: None Anticipated.

DRILL STEM TESTING: Tests to be taken at direction of the wellsite geologist.

#### LOGGING:

- 1. Gamma Ray Sonic Caliper from T.D. to base of intermediate casing.
- 2. Dual-induction laterolog through sections as specified by vellsite geologist.

### BLOW-OUT PREVENTORS:

- 1. Series 900 or better, double ram with manual and remote control prevention shall be used from base of surface to T.D.
- 2. BOP shall be checked daily and reported on drilling report.
- 3. A rotating drilling head shall be used during any air or gas drilling.

### DAILY DRILLING REPORTS:

- 1. The ADDDC report will be used.
- 2. This report will be filled out in detail and mailed to Midland District Office four times per week.
- 3. Morning reports shall be made to the Midland District Office each week-day morning between 8:00 a.m. and 8:30 a.m. CET.
- 4. The company forms for daily drilling report and daily cost estimate will be prepared each day and delivered to the drilling section at the end of each well.

### DEVIATION:

- 1. Deviation in the surface hole shall not exceed 1°.
- 2. Deviation surveys shall be taken on every trip or every 500', whichever is first.
- 3. Deviation shall not change more than  $1 \frac{1}{2^{\circ}}$  in any 100' interval. If deviation exceeds  $1 \frac{1}{2^{\circ}}$  per 100', a reamer shall be run to wipe out the dog leg. If deviation exceeds  $2^{\circ}$  per 100', the hole shall be plugged back and straightened.
- 4. Maximum deviation shall be allowed as follows:

0	-	20001	2°	6000 -	1 0008	50
		40001	30 40	- 0008	10000	60
4000		6000 *	цо	1000 -	T.D.	70