

DRILLING TIME:

1. A recorder with torque, hook load, pump pressure, and rate of penetration will be required.
2. Record 10' drilling time from Kelly measurements from surface to TD on company forms.

DRILL PIPE MEASUREMENTS:

1. Strain strap drill pipe at all casing points, coring points and TD.

DRILLING SAMPLES:

1. Two sets of 10' samples will be caught, washed, sacked and labeled in bundles of 100' from surface to TD.
2. Circulating and additional samples will be obtained as directed.
3. Quart samples will be obtained of all fluids recovered on DST.

DEVIATION:

1. Deviation surveys shall be taken on every trip or every 500', whichever is first.
2. Maximum deviation shall be allowed as follows:

0 - 2000'	2°	8,000 - 10,000'	6°
2000 - 4000'	3°	10,000 - TD	7°
4000 - 6000'	4°		
6000 - 8000'	5°		

Deviation in the surface hole shall not exceed 1°.

3. Deviation should not change more than  $1\frac{1}{2}^{\circ}$  in any 100' interval. If deviation change exceeds  $1\frac{1}{2}^{\circ}$  per 100', string reamer shall be run to wipe out dogleg. If deviation change exceeds 2° per 100', hole shall be plugged back and straightened.

BLOW OUT PREVENTORS:

1. Series 900 or better, double ram, manual and remote control preventors shall be used from base of surface casing to TD.
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.