

1. Straight surveys shall be taken on every trip or every 500', whichever is first. All straight hole surveys will accompany AM&G tour sheet reports.

2. Deviation should not change more than  $1\frac{1}{2}^{\circ}$  in any 100'. If deviation exceeds  $2^{\circ}$  per 100', hole shall be plugged back and straightened.
3. Maximum deviation shall be allowed as follows:

0 - 500	$\frac{1}{2}^{\circ}$	5000 - 6000	$\frac{4}{5}^{\circ}$
500 - 1000	$\frac{1}{2}^{\circ}$	6000 - 8000	$\frac{5}{6}^{\circ}$
1000 - 2000	$2^{\circ}$	8000 - 10000	$6^{\circ}$
2000 - 4000	$3^{\circ}$	12000 - 14000	$8^{\circ}$

1. A recorder with torque, hook load, and rate of penetration will be used.
2. Record 1' drilling time on recorder from surface to T.D.

Record 10' drilling time from 2100 to T.D. on Company forms.  
and record same as soon as recorded with Daily Drilling reports.

1. G.R.-Sonic from surface casing to T.D.  
2. Others as selected by geologist.  
3. Perforating control.

One set of 10' samples from surface casing to T.D. Washed, sacked, labelled and tied in bundles of 100.

None

10' Casing Samples

None

