

RECEIVED

DRILLING PROGNOSIS
Sweeney Federal No. 1
Page Four

DEC 11 1964

O. C. C.
ARTESIA, OFFICE

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 dog leg. If deviation exceeds 2° per 100', the hole shall be plugged back and straightened.
4. Maximum deviation shall be allowed as follows:

0 - 2000'	2°	6000 - 8000'	5°
2000 - 4000'	3°	8000 - 10000'	6°
4000 - 6000'	4°	10000 - T.D.	7°

ESTIMATED FORMATION TOPS:

Top Anhydrite	700'
Top Salt	850'
Base Salt	2230'
Top Yates	2430'
Top Seven Rivers	2660'
Delaware	4700'
Bone Springs	7090'
1st Sand	8340'
2nd Sand	9100'
3rd Sand	9890'
Wolfcamp Lime	10520'
Cisco Shale	10700'
Strawn Lime	11400'
T.D.	11600'

APPROVED:

A. R. Gibson
A. R. Gibson

B. E. Desadier
B. E. Desadier

A. W. Lang
A. W. Lang