

THE SUPERIOR OIL COMPANY

SOTOL FEDERAL COM. #1-1
SECTION 1 - T24S - R31E
EDDY COUNTY, NEW MEXICO

NTL-6 DRILLING DATA

1. SURFACE FORMATION: Quaternary

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler	790'
Castile	2,993'
Base Castile Salt	4,320'
Delaware Mtn. Grp.	4,558'
Cherry Canyon	5,445'
Bone Springs	8,400'
Wolfcamp	11,630'
Permo-Penn	13,230'
Strawn	13,720'
Atoka	13,850'
Morrow, Upper	14,520'
Morrow, Middle	14,870'
Morrow, Lower	15,360'

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Cherry Canyon	5,445'	Oil
Strawn	13,720'	Gas
Atoka	13,850'	Gas
Morrow	14,520'	Gas

4. PROPOSED CASING AND CEMENTING PROGRAM:

See Form 9-331C

All strings will consist of new casing.

5. PRESSURE CONTROL EQUIPMENT:

A 20" Hydril with a 3,000 psi working pressure will be used to 4,550' (13-3/8" casing point).

While drilling from 4,550' to 12,650' (9-5/8" casing point) a 5,000 psi double ram preventer and choke manifold will be used along with a 5,000 psi annular type preventer.