

APPLICATION TO DRILL

GRUY PETROLEUM MANAGEMENT CO.
CAGLE "C" #6
UNIT "C" SECTION 10
T22S-R37E LEA CO. N.M.

In response to questions asked under Section II B of Bulletin NTL-6 the following information is provided for your consideration:

1. Location: 660' FNL & 1980' FWL SEC. 10 T26S-R37E LEA CO. NM.
2. Elevation above sea level: 2989' GR.
3. Geologic name of surface formation: Quaternary Aeolian Deposits.
4. Drilling tools and associated equipment: Conventional rotary drilling rig using fluid as a circulating medium for solids removal.
5. Proposed drilling depth: 4000'
6. Estimated tops of geological markers:

Rustler Anhydrite	1030'	Yates	2700'
Salado Salt	1330'	7 Rivers	3050'
Tansil	2535'		
7. Possible mineral bearing formation:

Tansil	Gas
Yates	Gas
7 Rivers	Gas
8. Casing program:

Hole size	Interval	Casing OD	Weight	Thread	Collar	Grade
12 $\frac{1}{4}$ "	0-750'	8 5/8"	24	8-R	ST&C	K-55
7 7/8"	0-4000'	5 $\frac{1}{2}$ "	15.5	8-R	ST&C	K-55