

APPLICATION TO DRILL

JOY PETROLEUM MANAGEMENT COMPANY
 RHODES FEDERAL UNIT # 226
 UNIT "G" SECTION 22
 T26S-R37E LEA CO. NM

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

1. Location: 1980' FNL & 1550' FEL SEC. 22 T26S-R37E LEA CO. NM
2. Elevation above sea level: 2979' 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 1/2"	0-750'	8 5/8"	24	8-R	ST&C	J-55
7 7/8"	0-4000'	5 1/2"	15.5	8-R	ST&C	J-55