

APPLICATION TO DRILL

JOY PETROLEUM MANAGEMENT COMPANY
 RHODES FEDERAL UNIT # 227
 UNIT "E" 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 & 990' FWL SEC. 22 T26S-R37E LEA CO. NM.
2. Elevation above sea level: 2994' 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 CD	Weight	Thread	Collar	Grade
12½"	0-750'	8 5/8"	24	8-R	ST&C	J-55
7 7/8"	0-4000	5½"	15.5	8-R	ST&C	J-55