

APPLICATION TO DRILL

POGO PRODUCING COMPANY
 BOOTLEG RIDGE "14" FEDERAL COM. # 3
 UNIT "P" SECTION 14
 T22S-R32E 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: 660' FSL & 660' FEL SEC. 14 T22S-R32E LEA CO. NM

2. Elevation above sea level:

3. Geologic name of surface formation: Aeolian Quaternary Deposits.

4. Drilling tools and associated equipment: Conventional rotary drilling rig using fluid as a circulating medium for solids removal.

5. Proposed drilling depth: 15,400'

6. Estimated tops of geological markers:

Rustler Anhydrite	800'	Wolfcamp	12,090'
Base Salt	4350'	Strawn	13,590'
Brushy Canyon	7100'	Atoka Clastics	13,950'
3rd Bone Spring Sd.	11856'	Lower Morrow	15,263'

7. Possible mineral bearing formation:

Brushy Canyon	Oil	Strawn	Gas
Bone Spring	Oil	Atoka	Gas
Wolfcamp	Gas	Morrow	Gas

8. Casing program:

<u>Hole size</u>	<u>Interval</u>	<u>OD casing</u>	<u>Weight</u>	<u>Thread</u>	<u>Collar</u>	<u>Grade</u>
25"	0-40'	20"	NA	NA	NA	Conductor
17½"	0-900'	13 3/8"	48	8-R	ST&C	H-40
12½"	0-4600'	9 5/8"	40.5	8-R	ST&C	N-80
8½"	0-12,200'	7"	29	8-R	LT&C	S-95 P-110
6 1/8"	12,000-15,400'	5"	18	8-R	ST&C	S-95