

APPLICATION TO DRILL

POGO PRODUCING COMPANY
PRIZE FEDERAL # 11
UNIT "O" SEC. 22
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: 330' FSL & 2310' FEL SEC. 22 T22S-R32E LEA CO.
2. Elevation above sea level: 3656' 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: 9100'

6. Estimated tops of geological markers:

Rustler Anhydrite	775'	Brushy Canyon	7400'
Delaware Lime	4800'	Bone Spring	8800'
Cherry Canyon	6100'		

7. Possible mineral bearing formation:

Delaware	Oil
Bone Spring	Oil

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
14 3/4"	0-800'	10 3/4"	32.75	8-R	ST&C	H-40
9 7/8"	0-4550'	7 5/8"	26.4	8-R	ST&C	J-55
6 3/4"	0-9100'	4 1/2"	11.6	8-R	LT&C	J-55 & N-80