

APPLICATION TO DRILL

POGO PRODUCING COMPANY

FEDERAL 27 #3

990' FNL & 1980' FWL SEC.27

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: 990' FNL & 1980' FWL SEC. 27 T22S-R32E LEA CO. NEW MEXICO

2. Elevation above sea level: 3633' 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: 9000'

6. Estimated tops of geological markers:

Rustler Anhydrite	850'	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:

Hole size	Interval	OD casing	Weight	Thread	Collar	Grade	Condition
14 3/4"	0-800'	10 3/4"	32.75	8-R	ST&C	H-40	New
9 7/8"	0-4650'	7 5/8"	26.4	8-R	ST&C	J-55 & N-80	New
6 3/4"	0-9000'	4 1/2"	11.6	8-R	ST&C	J-55 & N-80	New