

# APPLICATION TO DRILL

POGO PRODUCING COMPANY  
STERLING SILVER "3" FEDERAL # 8  
UNIT "N" SECTION 3  
T24S-R31E EDDY CO. NM

In response to questions asked under Section II of Bulletin NTL-6 the following information on the above well is provided for your consideration.

1. Location: 800' FSL & 1980' FWL SEC. 3 T24S-R31E EDDY CO. NM
2. Elevation above Sea Level: 3454' GR.
3. Geologic name of surface formation: Quaternary Aeolian Deposits.
4. Drilling tools and associated equipment: Conventional rotary drilling rig using drilling mud as a circulating medium for solids removal from hole.
5. Proposed drilling depth: 8450'
6. Estimated tops of geological markers:

Rustler Anhydrite	810'	Bell Canyon	4465'
Salado	865'	Cherry Canyon	5485'
Delaware Lime	4395'	Bone Spring	8250'
7. Possible mineral bearing formations:

Delaware	Oil
Bone Spring	Oil
8. Casing program:

Hole size	Interval	OD of casing	Weight	Thread	Collar	Grade
25"	0-40	20"	NA	NA	NA	Conductor
14 3/4"	0- <sup>750'</sup> <del>650'</del>	10 3/4"	32.75	8-R	ST&C	H-40
9 7/8"	0-4150'	7 5/8"	26.40	8-R	ST&C	J-55
6 3/4"	0-8450'	4 1/2"	11.60	8-R	LT&C	N-80 J-55