

APPLICATION TO DRILL

POGO PRODUCING COMPANY
 RED TANK "34" FEDERAL # 12
 UNIT "F" SECTION 34
 T22S-R32E LEA 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: 1980' FNL & 1980' FWL SEC. 34 T22S-R32E LEA CO. NEW MEXICO.
2. Elevation above Sea Level: 3658' 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: 9100'
6. Estimated tops of geological markers:

Rustler	900'	Ramsey Sand	4920'
Base of Salt	4350'	Cherry Canyon Sand	6000'
Basal Anhydrite	4500'	Brushy Canyon Sand	7000'
Delaware	4842'	Bone Spring	8730'
7. Possible mineral bearing formations:

Cherry Canyon Sand	Oil	Bone Spring	Oil
Brushy Canyon Sand	Oil		
8. Casing program:

Hole size	Interval	OD of casing	Weight	Thread	Collar	Grade
25"	0-40'	20"	NA	NA	NA	Conductor
17½"	0-1000'	13 3/8"	48	8-R	ST&C	H-40
12½"	0-4600'	8 5/8"	32	8-R	ST&C	S-80
7 7/8"	0-9100'	5½"	17	8-R	LT&C	S-80
						N-80
						J-55