

APPLICATION TO DRILL

POGO PRODUCING COMPANY
 LAMUNYON FEDERAL # 72
 UNIT "F" SECTION 21
 T23S-R37E 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: 2310' FNL & 1650' FWL SECTION 21 T23S-R37E LEA CO. NM
2. Elevation above Sea Level: 3309' 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: 6100'
6. Estimated tops of geological markers:

Rustler	1050'	San Andres	3810'
Yates	2550'	Blaine	5365'
Penrose	3380'	Tubb	6050'
7. Possible mineral bearing formations:

Penrose	Oil	Blaine	Oil
San Andres	Oil		
8. Casing program:

Hole size	Interval	OD of casing	Weight	Thread	Collar	Grade
12 1/4'	0-1100'	8 5/8"	24	8-R	ST&C	J-55
7 7/8"	0-6100'	5 1/2"	15.5	8-R	ST&C	J-55