

APPLICATION TO DRILL

POGO PRODUCING COMPANY
 LOST TANK "3" FEDERAL # 8
 UNIT "H" SECTION 3
 T22S-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: 1330' FNL & 550' FEL SEC. 3 T22S-R31E EDDY CO. NM
2. Elevation above Sea Level: 3503' 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: 8500'
6. Estimated tops of geological markers:

BASAL ANHYDRITE	3967'	BRUSHY CANYON	6485'
DELAWARE LIME	4259'	BONE SPRONG	8166'
BELL CANYON	4339'	UPPER BONE SPRING SAND	8320'
CHERRY CANYON	5205		
7. Possible mineral bearing formations:

BRUSHY CANYON	Oil		
BONE SPRING	Oil		
UPPER BONE SPRING SD.	Oil		
8. Casing program:

Hole size	Interval	OD of casing	Weight	Thread	Collar	Grade
25"	0-40	20"	NA	NA	NA	Conductor
17½"	0-825'	13 3/8"	48#	8-R	ST&C	H-40
11"	0-4200'	8 5/8"	32#	8-R	ST&C	J-55
7 7/8"	0-8500'	5½"	17# & 15.5#	8-R	LT&C	J-55