

APPLICATION TO DRILL

POGO PRODUCING COMPANY
LOST TANK "33" FEDERAL #5
1980' FSL & 1980' FEL SEC.33
T21S-R31E EDDY 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: 1980' FSL & 1980' FEL SEC.33 T21S-R31E Eddy Co. NM
2. Elevation above sea level: 3448' 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: 8200'
6. Estimated tops of geological markers:

Rustler	500'	Chevy Canyon Marker	5175'
Base of Anhydrite	3900'	Brushy Canyon	6230'
Lamar Delaware	4025'	Bone Spring	7950'
7. Possible mineral bearing formations:

Brushy Canyon	- Oil
Bone Spring	- Oil
8. Casing program:

HOLE SIZE	INTERVAL	OD CSG	WEIGHT	THREAD	COLLAR	GRADE	COND.
23"	0 - 40'	20"	NA	NA	NA		New
17-1/2"	0 - 520'	13-3/8"	54.5	8-R	ST&C	J-55	New
11"	0 - 3945'	8-5/8"	24-32	8-R	ST&C	J-55	New
7-7/8"	0 - 8200'	5-1/2"	15.5-17	8-R	LT&C	J-55	New

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