

APPLICATION TO DRILL

CONCHO RESOURCES, INC.
 BLACKBIRD "8" FEDERAL COM. # 2
 UNIT "J" SECTION 8
 T16S-R28E 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: 1980' FEL & 1980' FSL SEC. 8 T16S-R28E EDDY CO. NM
2. Elevation above Sea Level: 3672' 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: 9600'
6. Estimated tops of geological markers:

7 Rivers	280'	Wolfcamp	6500'
San Andres	1750'	Penn	7475'
Tubb	4410	Upper Morrow	8810'
Abo	5130'	Lower Morrow	9295'
7. Possible mineral bearing formations:

Wolfcamp	Oil	Morrow	Gas
Penn	Oil		
8. Casing program:

Hole size	Interval	OD of casing	Weight	Thread	Collar	Grade
25"	0-40	20"	NA	NA	NA	Conductor
17½"	0-400'	13 3/8"	48	8-R	ST&C	H-40
12½"	0-1800'	8 5/8"	32	8-R	ST&C	J-55
7 7/8"	0-9600'	4½"	11.6	8-R	LT&C	N-80