

APPLICATION TO DRILL

CONCHO OIL & GAS CORP.
EDITH FEDERAL # 4
UNIT "K" SECTION 25
T18S-R33E 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' FSL & 2310' FWL SEC. 25 T18S-R33E LEA CO. NM
2. Elevation above Sea Level: 3852' 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: 10,200'
6. Estimated tops of geological markers:

Salt	1700'	San Andres	5220'
Yates	3200'	Delaware	5690'
Queen	4400'	Bone Spring	7620'
7. Possible mineral bearing formations:

Queen	Oil	Delaware	Oil
San Andres	Oil	Bone Spring	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
11"	0-3700'	8 5/8"	32#	8-R	ST&C	J-55
7 7/8"	0-10,200'	5½"	17#	8-R	LT&C	N-80