

APPLICATION TO DRILL

CONCHO OIL & GAS CORP.
WYNELL FEDERAL # 4
UNIT "A" SECTION 15
T19S-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: 800' FNL & 660' FEL SEC. 15 T19S-R33E LEA CO . NM

2. Elevation above Sea Level: 3683' 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: 3800'

6. Estimated tops of geological markers:

Rustler Anhydrite	1400'	Yates	3300'
Tansill	3100'	Seven Rivers Queen	3650'

7. Possible mineral bearing formations:

Yates	Oil
Seven Rivers-Queen	Oil

8. Casing program:

Hole size	Interval	OD of casing	Weight	Thread	Collar	Grade
25"	0-40	20"	NA	NA	NA	Conductor
11"	0-1450'	8 5/8"	32	8-R	ST&C	K-55
7 7/8"	0-3800'	4 1/2"	11.6	8-R	ST&C	K-55