

# APPLICATION TO DRILL

GREAT WESTERN DRILLING COMPANY  
 QUAIL FEDERAL # 10  
 UNIT "H" SECTION 23  
 T6S-R25E CHAVES 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' FNL & 560' FEL SEC. 23 T6S-R25E CHAVES CO. NM
2. Elevation above sea level: 3800' 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: 4200'
6. Estimated tops of geological markers:

San Andres	770'	Tubb	3020'
Glorieta	1580'	Abo	3675'
7. Possible mineral bearing formation:

Abo	Gas
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8. Casing program:

Hole size	Interval	OD of casing	Weight	Thread	Collar	Grade
25"	0-40	20"	NA	NA	NA	Conductor
12 1/4"	0-900'	9 5/8"	36	8-R	ST&C	J-55
8 5/8"	0-4200'	4 1/2"	11.6	8-R	ST&C	J-55