

APPLICATION TO DRILL

KUKUI OPERATING COMPANY
GOODNIGHT "35" FEDERAL # 3
UNIT "M" SECTION 35
T23S-R29E 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: 660' FWL & ⁴⁴⁰~~660~~' FSL SEC. 35 T23S-R29E EDDY CO. NM
per BWH
2. Elevation above sea level: 3092' GR.
3. Geologic name of surface formation: Quaternary deposits.
4. Drilling tools and associated equipment: Conventional rotary drilling rig using fluid as a circulating medium for solids removal.
5. Proposed drilling depth: 8500'
6. Estimated tops of geological markers:

Salado	600'	Brushy Canyon	5655'
Lamar	3185'	Lower Brushy Canyon sh	6635'
Bell Canyon	3235'	Bone Spring	6905'
Cherry Canyon	4185'	First Bone Spring Sd.	7935'
7. Possible mineral bearing formation:

Brushy Canyon	Oil
Bone Spring	Oil
8. Casing program:

<u>Hole size</u>	<u>Interval</u>	<u>OD casing</u>	<u>Weight</u>	<u>Thread</u>	<u>Collar</u>	<u>Grade</u>
24"	0-40'	20"	NA	NA	NA	Conductor
17½"	0- ^{400'} 350'	13 3/8"	48#	8-R	ST&C	H-40
12¼"	0-3100'	8 5/8"	24#	8-R	ST&C	J-55
7 7/8"	0-8500'	5½"	17#	8-R	LT&C	J-55