

APPLICATION FOR DRILLING

Ray Westall
Federal 30 #5
1980' FSL & 1980' FEL
Section 30
Township 23 South, Range 34 East
Lea County, New Mexico

In conjunction with Form 3160-3, Application for Permit to Drill, Ray Westall submits the following ten items of pertinent information in accordance with BLM requirements:

1. The geological surface formation is Quaternary.
2. The estimated tops of geologic markers are as follows:
Rustler 1250'
Lamar Ls 5160'
T/Delaware Sd. 5200'
Bone Springs 8700'
3. The estimated depths at which anticipated water, oil & gas formations are expected to be encountered:
Water 0-800'
Oil & Gas Zones 5200-8700'
4. Proposed casing program: See 3160-3
5. Pressure Control Equipment:
A 900s BOP will be installed on the 8 5/8" casing and tested prior to drill out.
6. Mud Program:
Fresh water in surface hole.
Brine in production hole.
7. Auxiliary Equipment: None
8. Logging Program: CNL/FDC/GR, DLL.
9. No abnormal pressures or temperatures are anticipated. Estimated BHP is 3100#,
Estimated BHT is 125 F.
10. Anticipated Starting date: 01/01/01
Duration: 12 Days drilling
5 Days completion