

## APPLICATION FOR DRILLING

Ray Westall  
Federal 30 #3  
1980' FNL & 990' 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