

APPLICATION FOR DRILLING

Ray Westall
Polewski Federal No. 2
990' FNL & 1658 FWL
Section 31
Township 19 South, Range 32 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:

Yates	2500
Seven Rivers	2750
Delaware	4200
Bone Springs	7250
3. The estimated depths at which anticipated water, oil & gas formations are expected to be encountered:

Water	0-180'
Oil and gas zones	4200-7250'
4. Proposed casing program: See 3160-3
5. Pressure Control Equipment:

A 10" 900s BOP will be installed on the 8 5/8" casing and tested to 3,000# prior to drill out.
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$13 \frac{3}{8}"$ AL
6. Mud Program:

Fresh water in surface hole.
10 ppg 3.5 sp. gr. Fresh in intermediate hole.
Cut brine in production hole.

AL
7. Auxiliary Equipment: None
8. Logging Program: CNL/FDC/Gr., DLL.
9. No abnormal pressures or temperatures are anticipated. Estimated BHP is 3500#, Estimated BHT is 130.F
10. Anticipated starting date:

As soon as possible.
Duration: 12 days drilling
5 days completion