

APPLICATION FOR DRILLING

FUEL PRODUCTS, INC.
Aspen Federal, Well No. 1
1980' FNL & 990' FWL, Sec. 4-T24S-R26E
Eddy County, New Mexico
Lease No.: NM-90514
(Exploratory Well Re-entry)

In conjunction with Form 3160-3, Application for Permit to Drill subject well, Manzano Oil Corporation submits the following items of pertinent information in accordance with BLM requirements:

1. The geologic surface formation is recent Permian with quaternary alluvium and other surficial deposits.

2. The estimated tops of geologic markers are as follows:

Delaware Lime	1584'	Bone Spring Sand	5322'
Delaware Sand	1785'	T.D.	5350'
Cherry Canyon	2758'		
Brushy Canyon	3110'		

3. The estimated depths at which water, oil or gas formations are anticipated to be encountered:

Water: Surface water is behind cemented casing. Water possible in Delaware from 1680-1690', if perforations are open.

Oil: Possible in the Brushy Canyon Delaware below 3110'.

Gas: None expected.

4. Proposed Casing Program: See Form 3160-3 for existing casing.
5. Proposed Control Equipment: See Form 3160-3 and Exhibit "E".
6. Mud Program: See Form 3160-3.
7. Auxiliary Equipment: Blowout Preventer.
8. Testing, Logging, and Coring Program:

Drill Stem Tests: None.

Logging: Collar locator Gamma Ray: Surface and intermediate casing.

Coring: None planned.

9. No abnormal pressures or temperatures are anticipated. In the event abnormal pressures are encountered the proposed mud program will be modified to increase the mud weight. Estimated: BHP = 2500 psi, BH temp. = 107°
10. H₂S: None expected based on previous drilling information of the well.
11. Anticipated starting date: June 15, 1993.
Anticipated completion of drilling operations: Approx. 3 weeks.