

Application

HARVEY E. YATES COMPANY
Sheldon 15 Federal #1
Section 15, T-18S, R-33E
Lea County, New Mexico

In conjunction with Form 3160-3, Application for Permit to Drill the Subject well in Section 15, Township 18 South, Range 33 East, Lea County, New Mexico, Harvey E. Yates Company submits the following ten items of pertinent information in accordance with Bureau of Land Management requirements:

1. The geologic surface formation is quaternary alluvium and bolson deposits and other surficial deposits.

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

Rustler	1575'	Grayburg	4782'
Yates	3050'	BFSA	5210'
7 Rivers	3480'	Delaware Sand	5840'
Bowers	3966'	Bone Spring	6734'
Queen	4226'	TD	10,100'
Penrose	4486'		

3. We do not anticipate finding water but have listed the formation in which we anticipate finding oil or gas.

Bone Springs 6734'

4. Proposed casing program: See Form 3160-3
5. Pressure control equipment: See Exhibit C.
6. Mud program: See Form 3160-3.
7. Auxiliary equipment: Blowout preventer
8. Testing, logging and coring programs: One (1) core in the Queen is scheduled. One (1) DST in the Bone Spring is planned. D-N/GR & DDL-Micro are the planned logs.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible.

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