

## APPLICATION FOR DRILLING

HARVEY E. YATES COMPANY  
East Travis #1  
Eddy County, N. M.

In conjunction with Form 9-331C, Application for Permit to Drill subject well in Section 17, Township 18 South, Range 29 East, Eddy County, New Mexico, Harvey E. Yates Company submits the following ten items of pertinent information in accordance with the U. S. G. S. 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 KB measurement:

San Andres	2700'
1st Bone Springs	6270'
3rd Bone Springs	8020'
Wolfcamp	8250'
Pennsylvanian	9320'
Strawn	9950'
Atoka	10,250'
Morrow	10,550'
Lower Morrow	10,875'
Chester	11,250'
Total Depth	11,300'

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

Wolfcamp	8300'
Canyon	9300'
Morrow	10,600' - 11,100'

4. Proposed casing program: See Form 9-331C.
5. Pressure control equipment: See Exhibit C.
6. Mud program: See Form 9-331C.
7. Auxiliary equipment: Blowout preventer.
8. Testing, logging and coring program: Compensated Neutron Formation Density and Dual Laterolog RXO logs are planned. No coring is planned. Possible DST's in the Wolfcamp, Pennsylvanian and Morrow formations.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval (but no later than November 25, 1979).