

APPLICATION FOR DRILLING

HARVEY E. YATES COMPANY

Travis Deep #5 /

Eddy County, New Mexico

In conjunction with Form 9-331C, Application for Permit to Drill subject well in Section 12, Township 18 South, Range 28 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 bolsun deposits and other surficial deposits.
2. The estimated tops of geologic markers are as follows KB measurement:

Yates	965'
Seven Rivers	1270'
Queen	1935'
Grayburg	2305'
San Andres	2705'
1st Bone Spring Sand	6230'
3rd Bone Spring Sand	8010'
Wolfcamp	8265'
Pennsylvanian	9230'
Canyon	9800'
Strawn	10000'
Atoka	10310'
Morrow	10580'
Lower Morrow	10880'
Chester	11200'
Total Depth	11250'

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

Wolfcamp	8265'
Canyon	9800'
Morrow	10,580' - 11,200'

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 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 April 20, 1980).