

## YATES PETROLEUM CORPORATION

Hickory "ALV" Federal #1  
1650' FNL and 1650' FWL  
Section 17-T22S-R24E  
Eddy County, New Mexico

In conjunction with Form 3160-3, Application for Permit to Drill subject well, Yates Petroleum Corporation submits the following ten items of pertinent information in accordance with BLM requirements.

1. The geological surface formation is Alluvium:
2. The estimated tops of geologic markers are as follows:

San Andres	1,066'
Glorieta	2,497'
Yeso	2,691'
Bone Spring	3,476'
Wolfcamp	7,326'
Canyon	8,134'
Strawn	8,888'
Atoka	9,314'
Morrow Clastics	9,941'
Lower Morrow	10,158'
TD	10,295'
3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water:	Approximately 150'
Oil or Gas:	Canyon, Strawn, Atoka, and Morrow
4. Proposed Casing Program: See Form 3160-3.
5. Pressure Control Equipment: See Form 3160-3 and Exhibit B.
6. Mud Program: See Form 3160-3.
7. Auxiliary Equipment: Kelly Cock; pit level indicators and flow sensor equipment; sub with full-opening valve on floor, drill pipe connections.
8. Testing, Logging and Coring Program:

Samples:	N/A
DST's:	N/A
Coring	N/A
Logging:	CNL/LDT, DSS w/RXO.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval.