

YATES PETROLEUM CORPORATION
Hodge AEF Federal #1
1980' FSL and 1980' FWL of
Section 25-T14S-R30E
Chaves County, New Mexico

In conjunction with Form 9-331C, 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 recent sand and alluvium.
2. The estimated tops of geologic markers are as follows:

Anhydrite	805'
Salt	905'
Base Salt	1660'
Yates	1740'
7-Rivers	2280'
Queen	2520'
TD	2750'
3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: Approximately 300+'
Oil or Gas: 2520-2550'
4. Proposed Casing Program: See Form 9-331C.
5. Pressure Control Equipment: See Form 9-331C.
6. Mud Program: See Form 9-331C.
7. Auxiliary Equipment: Kelly cock, pit level indicators and flow sensor equipment; sub with full opening valve on floor, drill pipe connection.
8. Testing, Logging and Coring Program:

DST's: None
Logging: CNL/LDC from TD to casing with GR-CNL on to surface; DLL from TD to casing.
Samples: 10' intervals out from under surface casing to TD.
Coring: None.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval.

