

YATES PETROLEUM CORPORATION  
Shirley "YA" Federal #1  
660' FNL and 1980' FEL  
Sec. 33-T4S-R24E

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 USGS requirements.

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

San Andres	554'
Glorieta	1504'
Fullerton	2890'
Abo	3522'
Wolfcamp	4174'
Penn	4754'
Granite Wash	5060'
TD	5200'
3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:  
  
Water: 250-300'  
  
Oil or Gas: 5080'
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:  
  
Samples: Surface casing to TD.  
DST's: As warranted.  
Coring: None.  
Logging: CNL-FDC TD to casing w/GR-CNL to surface & DLL from TD to csg.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval.