

Yates Petroleum Corporation  
Y. Turkey Track "MU" Federal #2  
1980' FNL and 660' FNL  
Section 34 - T18S - R29E  
Eddy 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 USGS requirements:

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

Yates	1117'	Atoka	10546'
San Andres	2895'	Morrow Clastics	11147'
Bone Springs	6968'	Chester Shale	11402'
Wolfcamp	3770'	TD	11425'
Cisco	9780'		
Canyon	10030'		
Strawn	10246'		

3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: Approximately 200-240'

Oil or Gas:	S.A.	3000'-3060'	Atoka	10,560'-10,650'
	Wolfcamp	8690'-9000'	Morrow	11,160'-11,350'

4. Proposed casing program: See Form 9-331C.
5. Pressure control equipment: See Form 9-331C and Exhibit B.
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, loggins and coring program:  
Samples: 10' spcs from surface to TD  
DST's: As warranted, possible Cisco, Atoka, Morrow  
Logging: CNL-FDC T.D. to casing with GR-CNL on to surface and  
DLL from TD to casing with selected min. R<sub>xx</sub>O.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval.