

Yates Petroleum Corporation  
Rio Pecos "MH" Federal #1  
1980' FSL and 1100' FEL  
Section 29 - T18S - R27E  
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 Seven Rivers.
2. The estimate tops of geologic markers are as follows:

Queen	850'	Canyon Ls.	7987'
San Andres	1615'	Strawn	8507'
Glorieta Sandstone	3375'	Atoka	9065'
Bone Springs Lime	3815'	Morrow	9417'
Wolfcamp	6622'	Chester Shale	9610'
Cisco	7657'	Chester Lime	9775'
		T.D.	9835'

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

Water: 3400-3800 (Yeso)  
6600-7000 (Wolfcamp)  
8220-8250 (Canyon)

Oil or Gas: 1550-1615  
9260-9300  
9430-9610

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, Logging and Coring Program:  
  
DST's: As Warranted  
Logging: Intermediate Casing - T.D.  
Coring: CNL-FDC T.D. to casing with GR-CNL on to surface and  
DLL from T.D. to casing with selected min. R<sub>x</sub> O.  
  
9. No abnormal pressures or temperatures are indicated.
10. Anticipated starting date: As soon as possible after approval. This unorthodox location is scheduled for a hearing.