

Yates Petroleum Corporation  
Rio Penasco "MF" Federal #1  
1980' FNL and 1980' FWL  
Section 11-T19S-R25E  
Eddy County, New Mexico

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D. C. C.  
ARTESIA, OFFICE

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 gravels.
2. The estimate tops of geologic markers are as follows:

		Strawn	8087'
Grayburg	380'	Atoka	8690'
San Andres	813'	Morrow	8965'
Glorieta Sd	2363'	Chester LS	9288'
Wolfcamp	5700'	T.D.	9348'

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

Water: Gravels 0-400'; 950-1200'; 5700-6600'; 7750-7900'

Oil or Gas: 2360' - 2750  
8690' - 8800  
9000' - 9288

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:  
  
Samples: Surface casing to T.D.  
DST's: As Warranted  
Logging: Intermediate casing to 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.  $R_xO$ .
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval.