

PENNZOIL COMPANY

Winchester Federal NO. 1
Winchester Morrow Field
1980' FNL & 660' FEL
Sec 4, T20S, R28E
Eddy County, New Mexico

The following is submitted in compliance with NTL-6 in support of Pennzoil's application to drill the Winchester Federal No. 1 well described above.

1. Location of proposed well -
1980' FNL & 660' FEL
Sec. 4, T20S, R28E
Eddy County, New Mexico
See surveyors plat (N.M.O.C.C. form C102)
2. Elevation - 3296.4 GR
3. Geologic Name of the surface formation -
Quaternary Alluvium and Bolson deposits.
4. Type of Drilling Tools -
Rotary
5. Proposed drilling depth -
11,500'
6. Estimated Tops of geologic markers -

Delaware Sand	3070
Bone Springs	4153
Wolfcamp	8942
Canyon	9778
Strawn	10,048
Morrow	10,864
Bornett	11,204
7. Estimated depths where water, oil, gas, or other minerals might occur -
Gas may be present in the Morrow, Bone Springs, or Strawn.
8. Proposed casing program - see form 9-331C
9. Proposed setting depth of casing and cement - see form 9-331C
10. Pressure control equipment specifications - see attached diagram.
11. Proposed circulating medium (mud program) -
17" hole: fresh water gel with lime.
12-1/4" hole: Salt water gel with cotton seed hulls and starch.
7-7/8" hole: Fresh water gel to ±9800' then a polymer salt water gel with Drispac to TD.