

SOTOL FEDERAL #1

The following information is furnished with the Application to Drill (Re-enter), Form 9-331-C, in compliance with NTL-6, effective July 1, 1976.

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

Ochoan	Surface
Delaware Mt.	4230'
Bone Spring	8100'
Wolfcamp	11600'
Strawn	13300'
Atoka	13450'

3. The depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

Water: Less than 500'  
Capitan Reef above 4230'

Gas: Atoka at 13450'-14074'

4. For proposed casing program, please see Exhibit "A".
5. For proposed specifications for pressure control equipment, please see Exhibit "B".
6. For proposed drilling fluids outline, please see Exhibit "C".
7. Auxiliary equipment is listed in Exhibit "D" (Rig specifications).
8. No testing, logging, or coring will be done on this well. Cased hole logs will be correlated to open hole logs dated 1-31-81.
9. Abnormal pressures are anticipated in the Atoka formation at 13450'-14074': No abnormal temperatures or potential hazards are expected.
10. The anticipated starting date for this well is January 25, 1987.