

SOTOL FEDERAL #1

The following information is furnished with the Application to Drill (Re-enter), Form 3160-3, 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:

Bell Canyon	2,930'
Cherry Canyon	4,500'
Bone Springs	8,400'
3. The depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

Fresh Water:	Less than 500'
Oil:	Brushy Canyon 7000-8300'
Possible Fresh Water:	Capitan - Above 4400'
4. For proposed casing program, please see Form 3160-3.
5. This is a re-entry. No open hole will be encountered. Pressure control will be effected with a dual ram, 3000 psi WP blowout preventer.
6. Drilling fluid will be brine water.
7. A workover rig w/ reverse circulating unit will be used for this re-entry. No other auxiliary equipment is necessary.
8. No coring, logging, or testing will be done.
9. No abnormal pressures are anticipated.
10. The anticipated starting date for this well is May 20, 1992.