

APPLICATION FOR DRILLING

Southern Union Supply Company
Exxon Federal No. 2
~~990~~³²⁰' FSL and 1880' FWL Section 25 T-20S R25E

The following items are submitted in accordance with U.S.G.S. requirements (NTL-6) in support of Form 9-331C.

1. & 2. Shown on Form 9-331C.
3. The geologic surface formation is Seven Rivers.
4. A Rotary drilling rig will be used.
5. Shown on Form 9-331C.
6. The estimated tops of geologic markers are as follows:

San Andres	980'
Wolfcamp	7450'
Cisco	8155'
Canyon	8585'
Strawn	8840'
Atoka	9480'
Morrow Lime	9817'
Morrow Classic	9970'
Barnett Shale	10,340'

7. The expected depths at which water, oil or gas formations may be encountered are as follows:

Water	75' - 300'
Oil or Gas: Wolfcamp	7450'
Cisco	8155'
Morrow	9817'

- 8., 9. & 10. Shown on Form 9-331C.
11. See the attached mud program.
12. No coring or testing is anticipated. However, DST's may be run if adequate shows are encountered while drilling.
13. There are not any anticipated abnormal pressures or temperatures.
14. The spud date is approximately July 24, 1977. Drilling operations will take an estimated 45 days.