

DRILLING PROGRAM

SANTA FE ENERGY RESOURCES, INC.

TOMCAT FEDERAL UNIT #1

In conjunction with Form 3160-3, Application to Drill the subject well, Santa Fe Energy Resources, Inc. submits the following ten items of pertinent information in accordance with Onshore Oil & Gas Order No. 1.

1. **Geologic Name of Surface Formation:** Alluvium
2. **Estimated Tops of Significant Geologic Markers:**

Rustler	950'
Base of Salt	4600'
Bell Canyon	4760'
Brushy Canyon	7250'
Bone Spring	8600'
Wolfcamp	11850'
Strawn	13800'
Atoka Clastics	13950'
Atoka Bank	14050'
Morrow Clastics	14900'
Lower Morrow	15500'
Total Depth	15950'

3. **The estimated depths at which water, oil or gas formations are expected:**

Water	None expected in area
Oil	Bell Canyon @ 4760'
	Bone Spring @ 8600'
	Atoka Bank @ 14050'
Gas	Morrow @ 14900'

4. **Proposed Casing Program:** See Form 3160-3 and Exhibit A
5. **Pressure Control Equipment:** See Exhibit B
6. **Drilling Fluid Program:** See Exhibit C
7. **Auxiliary Equipment:** A mud logging unit will be utilized to monitor penetration rate and hydrocarbon shows while drilling below 4600' to TD.
8. **Testing, Logging and Coring Program:**

Drill Stem Tests: (all DST's to be justified on the basis of valid show of oil or gas):

Atoka Bank	14050'
Morrow	14900'

Logging:

Dual Laterolog W/MSFL and Gamma Ray	12000'--15950'
Compensated Neutron/Litho-Density/Gamma Ray	4700'--12000' & 12000'--15950'
Compensated Neutron/Gamma Ray (thru csg)	Surface-4700'

Coring: No conventional cores are planned.