

DRILLING PROGRAM
SANTA FE ENERGY OPERATING PARTNERS, L.P.
Pure Gold C-17 No.4

In conjunction with Form 3160-3, Application to Drill the subject well, Santa Fe Energy Operating Partners, L.P., submits the following ten items of pertinent information in accordance with Onshore Oil & Gas Order No. 10.

1. **Geologic Name of Surface Formation:** Alluvium

2. **Estimated Tops of Significant Geologic Markers:**

Rustler Anhydrite	750'
Base of Salt	3840'
Delaware "Ramsey" Sand	4170'
Cherry Canyon	5070'
Brushy Canyon	7790'
Bone Spring	8060'
Total Depth	8200'

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

Water	None expected in area
Oil	Delaware Sand @ 4170'
Oil	Lower Brushy Canyon @ 7790'

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 the intermediate casing at 4100'.

8. **Testing, Logging and Coring Program:**

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

Ramsey Sand	4170'-4300'
Lower Brushy Canyon	7790'-7900'

Logging:

Dual Laterolog w/MSFL and Gamma Ray	4100'-8200'
Compensated Neutron/Litho-Density/Gamma Ray	4100'-8200'
Compensated Neutron/Gamma Ray (thru csg)	Surface-4100'

Coring: No conventional cores are planned.