

**DRILLING PROGRAM**  
**SANTA FE ENERGY OPERATING PARTNERS, L.P.**  
James Ranch No.56  
Section 17, T-23-S,R-31-E  
Eddy County, New Mexico

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 Sand	4300'
Cherry Canyon	5070'
Brushy Canyon	7790'
Bone Spring	7950'
Total Depth	8100'
  
3. **The estimated depths at which water, oil, or gas formations are expected:**

Water	None expected in area
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 4200'.
  
8. **Testing, Logging, and Coring Program:**

Drill Stem Tests: None Planned