

APPLICATION FOR DRILLING  
SANTA FE ENERGY COMPANY  
Lusk 22 Federal No. 1

In conjunction with form 9-331C, Application to Drill subject well, Santa Fe Energy Company submits the following ten items of pertinent information in accordance with BLM requirements.

1. The geologic surface formation is Rustler.
2. The estimated tops of geologic markers are as follows:

Anhydrite	490
Salado Salt	640
Yates	2275
TD	2425

3. The estimated depth at which water, oil, or gas formations are expected to be encountered:

Water	Water is not expected to be encountered.
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Oil or Gas	Yates 2275' to TD
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4. Proposed casing program: See Form 9-331C and Exhibit A.
5. Pressure control Equipment: See Form 9-331C and Exhibit B.
6. Drilling Fluid Program: See Exhibit C.
7. Auxilliary Equipment: See Exhibit D.
8. Testing, Logging and Coring Programs:

Core:

Yates 2275-2325'

Logging:

Logging from 4525' - TD:  
Dual Laterolog with Gamma Ray  
Neutron-Density with Gamma Ray  
Computer Process Log over selected intervals

Logging from surface to TD:  
Neutron with Gamma Ray