

APPLICATION FOR DRILLING
SANTA FE ENERGY COMPANY
N. H. 5 Federal No. 2

In conjunction with Form 3160-C, 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 sand.
2. The estimated tops of geologic markers are as follows:

Rustler	1600
Yates	2840
Queen	3710
San Andres	4490
Tubb	7145
Abo	7825
Wolfcamp	10020
Cisco	11080

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

Water -	Water is not expected to be encountered.
Oil or Gas	Queen 3710'
	Wolfcamp 10020'

4. Proposed casing program: See Form 3160-C and Exhibit A.
5. Pressure control Equipment: See Form 3610-C and Exhibit B.
6. Drilling Fluid Program: See Exhibit C.
7. Auxilliary Equipment: See Exhibit D.
8. Testing, Logging and Coring Programs:

Drill Stem Tests:

Wolfcamp	10020'
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Logging:

Logging from 3710' - TD:
Dual Laterolog with Gamma Ray
Neutron-Density with Gamma Ray
Computer Process Log over selected intervals

Logging from surface to 3710':
Neutron with Gamma Ray

9. Abnormally high pressured zones are not expected at this location. A Blow Out Preventer System as outlined in Exhibit B will be utilized should the need arise to shut the well in prior to running and cementing production casing.
10. Starting Date: As soon as possible.

MRB:dw-253

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