## APPLICATION FOR DRILLING SANTA FE ENERGY COMPANY Sterling Silver 33 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 sand.
- 2. The estimated tops of geologic markers are as follows:

Rustler	825
Base of Salt	4100
Delaware Lamar Lime	4180'
Cherry Canyon	5210 <b>'</b>
Bone Springs	7990 <b>'</b>
Wolfcamp	11400'
Strawn	13100'
Atoka	13550
Lower Morrow Clastics	14790'
TD	15000'

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	Wolfcamp 11,400-13,100'
	Strawn 13,100-13,550'
	Atoka 13,550-14,790'
	Morrow 14.790-15.000'

- 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:

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

Wolfcamp	11400-13100'
Strawn	13100-13550'
Atoka	13550-14790
Morrow	14790-15000'