

APPLICATION FOR DRILLING
SANTA FE ENERGY OPERATING PARTNERS, L.P.
P. G. "4" Federal No. 1

In conjunction with Form 3160-3, Application to Drill subject well, Santa Fe Energy Operating Partner, L.P., 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	900'
Base of Salt	3,390'
Delaware Lamar Lime	4,110'
Cherry Canyon	4,920'
Bone Spring	7,995'
Wolfcamp	11,265'
Strawn	12,935'
Atoka	13,170'
Morrow	13,930'
Top Lower Morrow	14,655'
Total Depth	15,000'

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	11,265' - 12,935'
	Strawn	12,935' - 13,170'
	Atoka	13,170' - 13,930'
	Morrow	13,930' - 15,000'

4. Proposed Casing Program: See Form 3160-3 and Exhibit A.
5. Pressure Control Equipment: See Form 3160-3 and Exhibit B.
6. Drilling Fluid Program: See Exhibit C.
7. Auxiliary Equipment: See Exhibit D.
8. Testing, Logging and Coring Programs:

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

Atoka (two)	13,260' & 13,345'
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