

Attachment to "Application for Permit to Drill", Form 9-331 C

Federal AG Com. #1
980' FNL & 1980' FWL, Sec. 14, T-20-S R-35-E
Lea County, New Mexico

1. Location

See attached Form C-102

2. Elevation

See attached Form C-102

3. Geologic name of surface formation.

4. Type of drilling tools and associated equipment to be utilized.

See Form 9-331 C

5. Proposed drilling depth.

See Form 9-331 C

6. Estimated tops of important geologic markers.

Anhydrite	1940'	Wolfcamp	11292'	Barnett	13450'
Base Salt	3600'	Strawn	12110'		
Del Sandstone	5790'	Atoka	12310'		
Bone Springs	7945'	Morrow	12970'		

7. Estimated depths at which anticipated water, oil, gas or other mineral-bearing formations are expected to be encountered.

Wolfcamp	11292'	Atoka	12310'
Strawn	12110'	Morrow	12970'

8. Proposed casing program, including size, grade, and weight of each string and whether it is new or used.

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>New or Used</u>
400'	13-3/8"	48#	H-40	New
5800'	9-5/8"	40#	K-55	New
13450'	5-1/2"	23# & 26#	K-55	New

9. Proposed cementing program.

13-3/8"	- Circulate to Surface
9-5/8"	- Circulate to Surface
5-1/2"	- Tie back to 9-5/8"