

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

Federal BQ #1

1980' FSL X 660' FEL, Sec. 26, T-26-S, R-25-E

Eddy County, NM

1. Location

See attached Form C-102

2. Elevation

See attached Form C-102

3. Geologic name of surface formation.

Permian

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.

Delaware	1454'	Strawn	8718'	Barnett	10123'
Bone Springs	4874'	Atoka	8858'		
Wolfcamp	7606'	Mid. Morrow	9723'		

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

Delaware	1454'	Strawn	8718'
Bone Springs	4874'	Atoka	8858'
Wolfcamp	7606'	Mid. Morrow	9723'

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>
500'	13-3/8"	48#	H-40	New
5000'	9-5/8"	36#	K-55	New
10200'	5-1/2"	17#, 20#, 23#	K-55, S-95	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"