

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

Federal BB Com. #1  
890' FNL. & 2245' FWL, Sec. 10, T-18-S R-27-E  
Eddy County, NM

1. Location

See attached Form C-102

2. Elevation

See attached Form C-102

3. Geologic name of surface formation.

Quaternary

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.

San Andres	1850'	Strawn	8570'
Abo	5070'	Atoka	9090'
Wolfcamp	6170'	Mid Morrow	9490'
Cisco	7770'		

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

San Andres	1850'	Atoka	9090'
Wolfcamp	6170'	Mid Morrow	9490'
Strawn	8570'		

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>
1000'	13-3/8"	48#	H-40	New
6000'	8-5/8"	32#	K-55	New
9850'	5-1/2"	17#, 20#, 23#	S-95	New

9. Proposed cementing program.

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