

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

Federal CX Com. #1  
660 FNL X 1650 FEL, Sec. 12  
T-17-S, R-27-E  
Eddy County

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.

San Andres	1625	Abo	5208	Morrow	9330
Glorieta	3025	Penn	7610	Chester	9555
Tubb	4475	Strawn	8665		

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

Abo	5208	Strawn	8665
Penn	7610	Morrow	9330

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
2000	8-5/8	36#	K-55	New
9700	5-1/2	17#	K-55, N-80	New

9. Proposed cementing program.

13-3/8 Circ to surface  
8-5/8 Circ to surface  
5-1/2 Tie back to 500' above the Abo (Approx. 4708')