

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

Federal "I" Com Well No. 1, Unit 0, 660' FSL x 1980' FEL, Section 5,  
T-17-S, R-30-E, Eddy County, New Mexico.

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.

Rustler	530'	Wolfcamp	7875'
San Andres	2870'	Strawn	10,360'
Tubb	5695'	Morrow	10,794'
Abo	6400'		

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

Abo	6400'	Morrow	10,794'
Wolfcamp	7875'		

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#	K-55 ST&C	New
3200'	9-5/8"	36#	K-55 ST&C	New
11200'	5-1/2"	15.5#-17#-20#	K-55 ST&C	New

9. Proposed cementing program.

13-3/8" Casing - Sufficient cement to circulate to surface.  
9-5/8" Casing - Sufficient cement to circulate to surface.  
5-1/2" Casing - Sufficient to tie back to 9-5/8" casing.