

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

Baumgartner Federal Com Well No. 1, Unit L, 1,980' FSL x 660' FWL,
Sec 26, T-21-S, R-27-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.

Unknown

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.

Wolfcamp	9,100'	Middle Morrow	11,350'
Strawn	10,425'	Lower Morrow	11,600'
Atoka	10,775'		

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

Strawn	10,425'
Atoka	10,775'
Lower Morrow	11,600'

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#	K-55 ST&C	New
3,000'	8 5/8"	24#	K-55 ST&C	New
12,000'	5 1/2"	14-15.5#	K-55 ST&C	New

9. Proposed cementing program.

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