

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

1. Location

See attached Form C-102

2. Elevation

See attached Form C-102

3. Geologic name of surface formation.

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	1650'	Wolfcamp	6198'	Atoka	9000'
Glorietta	3002'	Canyon	7570'	M. Morrow	9290'
Abo	5105'	Strawn	8530'	ChesterLS	9550'

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

Wolfcamp	6198'	Atoka	9000'
Canyon	7570'	M. Morrow	9290'

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>
350'	13-3/8"	48#	H-40	New
2100'	8-5/8"	24#	K-55	New
9900'	5-1/2"	17#, 15.5#, 17#	K-55, N-80	New

9. Proposed cementing program.

13-3/8"	Circulate to Surface.
8-5/8"	Tieback to 13-3/8"
5-1/2"	Tieback to 500' above the Abo (Apx. 4605')