

Attachment to "Application for Permit to Drill", Form 3160-3

1. Location

See attached Form C-102

2. Elevation

See attached Form C-102

3. Geologic name of surface formation.

San Facies on Caliche

4. Type of drilling tools and associated equipment to be utilized.

See Form 3160-3

5. Proposed drilling depth.

See Form 3160-3

6. Estimated tops of important geologic markers.

San Andres	1740'	Woodford	10270
Atoka	8990'	Silurian	10290
Morrow Clastics	9290'	Simpson	11330
Miss Sil	9770'	Ellenburger	11455'

7. Estimated depths at which anticipated water, oil, gas or other mineral-bearing formations are expected to be encountered and plans for protecting such resources.

Atoka	8990'	Silurian	10290
Morrow Clastics	9290	Ellenburger	11455

Reference #9 below for plans for protecting such resources.

8. Proposed casing program, including size, grade, weight, type of thread and coupling, and setting depth of each string and whether it is new or used.

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread & Coupling</u>	<u>New or Used</u>
500'	13-3/8"	48#	H40	ST&C	new
2200'	9-5/8"	36#	K55	ST&C	new
12100'	5-1/2"	17,15.5,17#	N80,K55,N80	LT&C,ST&C,LT&C	new

9. Proposed cementing program and expected linear fill up of each string.

13-3/8"	Circulate to surface
9-5/8"	Tieback to 13-3/8" (apx. 500')
5-1/2"	Tieback to 500' above Atoka (apx. 8490')