

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.

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.

| | | | |
|------------|------|---------------|-------|
| Yates | 890 | Strawn | 9850 |
| San Andres | 2730 | Atoka | 10130 |
| Wolfcamp | 7250 | Middle Morrow | 10500 |

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

| | | | |
|------------|------|---------------|-------|
| Yates | 890 | Strawn | 9850 |
| San Andres | 2730 | Atoka | 10130 |
| Wolfcamp | 8500 | Middle Morrow | 10500 |

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 |
| 2900 | 8-5/8 | 32# | K-55, S-80 | New |
| 11200 | 5-1/2 | 17#, 15.5# | N-80, K-55 | New |

9. Proposed cementing program.

| | |
|--------|---------------------------------------|
| 13-3/8 | Circulate |
| 8-5/8 | Tie back to 13-3/8 |
| 5-1/2 | 500' above upper most productive zone |