

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

South Mattix Unit Well No. 37, Unit I, 1,840' FSL & 660' FEL,  
Sec 15, T-24-S R-37-E, Lea County, New Mexico

1. Location

See attached Form C-102

2. Elevation

See attached Form C-102

3. Geologic name of surface formation.

Ogallala

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.

Glorieta 4817' Lower Paddock 5125' Tubb 5825'

Upper Paddock 4912' Blinebry 5258' Drinkard 6096'

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

Glorieta 4817' Blinebry 5258' Drinkard 6096'

Lower Paddock 5125' Tubb 5825'

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>
1,100'	8-5/8"	24#	K-55 ST&C	New
6,400'	5-1/2"	14-15.5#	K-55 ST&C	New

9. Proposed cementing program.

8-5/8" Casing - Sufficient cement to circulate to surface.

5-1/2" Casing - Sufficient cement to tie back to 8-5/8" csg.