

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

South Mattix Unit Federal No. 38  
750' FNL and 750' 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.

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	4898'	Blinebry	5328'
Upper Paddock	4983'	Tubb	5878'
Lower Paddock	5183'	Drinkard	6068'

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

Drinkard 6068'

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>
1100'	9-5/8"	36#	K-55	New
6400'	7"	23# & 26#	K-55	New

9. Proposed cementing program.

9-5/8" - Circulate to surface

7" - Circulate to surface