

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

South Mattix Unit Well No. 33, Unit G, 1650' FNL x 1650' 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.

Rustler	1000'	Upper Yeso	5110'
Upper Paddock	4830'	Tubb	5885'

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

Upper Paddock	4830'
Tubb	5885'

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>
1000'	8 5/8"	24#	K-55 ST & C	New
6100'	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 circulate to surface.