

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

Langlie "A" Federal Well No. 3
Unit N, 660' FSL X 1980' FWL, Section 9, T-25-S, R-37-E, Lea County, NM

1. Location

See attached Form C-102

2. Elevation

See attached Form C-102

3. Geologic name of surface formation.

Quaternary

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 - 1070' Queen - 3500'
Yates - 2790'

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

Queen - 3500'

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'	8-5/8"	32#	K-55	New
3700'	5-1/2"	15.5#, 17#	K-55	New

9. Proposed cementing program.

8-5/8" csg - Circulate to surface
5-1/2" csg - Circulate to surface