

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

Nellis Federal "B" Gas Com Well No. 1  
Unit F 1980' FNL X 1980' FWL, Sec 5, T-19-S, R-33-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 1510'	Wolfcamp 10830'
Delaware 5250'	Strawn 12130'
Bone Springs 7600'	Mid Morrow 13150'
	Mis Silic 13950'

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

Delaware 5250'  
Wolfcamp 10830'  
Mid Morrow 13150'

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>
450'	13 3/8"	54.5#	K-55	New
5000'	9 5/8"	40#	K-55	New
13950'	5 1/2"	15.5#, 17#	K-55	New

9. Proposed cementing program.

13 3/8" csg - circulate to surface.  
9 5/8" csg - circulate to surface.  
5 1/2" csg - Tie back to 9 5/8"