

APPLICATION FOR PERMIT TO DRILL

Ray Westall
Meridian Federal #1
NM-59081

1. The estimated tops of important geologic markers are as follows:

<u>ZONE</u>	<u>TOP</u>	<u>CONTENT</u>
Alluvium	0-150	Water
Rustler Anhy.	150	---
Salado Salt	420	---
Base Salt	970	---
Yates	1250	Oil
Seven Rivers Dolo.	1500	Water
Deleware	3280	---
Bone Springs	5680	Oil
Wolfcamp	9300	Oil

2. The estimated depths at which water, Oil or gas will be encountered are shown above in No.1

3. A drawing of an API series 900 Blowout Preventer is attached. The BOP will be installed on the 8 5/8" casing.

4. The proposed casing program: see Form 3160-3

5. The proposed mud program is as follows:

0-250	Fresh water
250-1600	Brine water
1600-3200	Fresh water
3200-9500	Cut brine

6. The proposed logging program includes: Gr/CNL/FDC, Gr/DLL.
A temp survey will be run to determine the top of cement on each casing string where cement is not circulated.

7. No abnormal pressure or temperatures are expected to be encountered in this well.

8. The anticipated starting date is November 1, 1989, with a duration of approximately 20 days.