

**ATTACHMENT TO FORM 3160-3
APPLICATION FOR PERMIT TO DRILL**

Conoco Inc.

**Preston Federal No. 5
Sec. 34, T-20S, R-24E
Eddy County, New Mexico**

1. The estimated tops of important geologic markers are shown on the attached Proposed Well Plan Outline.
2. The estimated depths at which anticipated water, oil, gas or other mineral-bearing formations to be encountered are shown on the attached Proposed Well Plan Outline.
3. A drawing of Blowout Preventer Specifications is attached. Pipe rams and blinds will be checked to the working pressure of the stack or 70% of the minimum internal yield strength of the casing whichever is less. BOPE will be checked when casing string is set.
4. The proposed casing program is as follows:

0-1200': 9-5/8", 36#, K-55
0-8100': 7", 26#, K-55
5. The proposed mud program is as follows:

0-1200': 8.4# Fresh Water
1200'-7300': 8.8-9.2# Brine
7300'-8100': 9.2# Salt Gel/Starch
6. Run open-hole logs. The log suite will include the following:
1) GR-CNL-LDT-DLL-MSFL-CAL from 8100'-1200' 2) CBIL from 8100'-7000'. A temperature survey will be run to determine the top of cement on each casing string where cement is not circulated.
7. Special Drilling Problems:
a) Severe deviation 4500-5500'.
b) Possible water flow in Yeso.
8. The anticipated starting date is 11-1-92 with a duration of approximately 18 days.