

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

Conoco Inc.

**SEMU Burger No. 125
Sec. 19, T-20S, R-38E
Lea 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. BOP will be checked when casing string is set.
4. The proposed casing program is as follows:

0-400':	8-5/8"	24#	K-55
0-3650':	5-1/2"	15-1/2#	K-55
5. The proposed mud program is as follows:

0-400':	8.4# Fresh
400'-2600':	10.0-10.2 Brine
2600'-3650':	10.0-10.2 Brine w/starch
6. The logging suite will include the following open-hole logs:
1) GR-CAL-RLLD-RLLS-MSFL from 3650'-2600' and 2) GR-CAL-CNG-POR. DEN. from 3650'-2600'.
7. Special Drilling Problems:
 - a) Possible swelling in Red Beds
 - b) Possible salt section washout
 - c) Yates & 7-Rivers possibly overpressure
 - d) Queen possibly pressure depleted
8. The anticipated starting date is 9-1-93 with a duration of approximately 7 days.