

ATTACHMENT TO FORM 3160-3
APPLICATION FOR PERMIT TO DRILL

Conoco Inc.

Lockhart A-18 No. 8
Sec. 18, T-21S, R-36E
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:

0-420':	8-5/8"	24#	K-55
0-3830':	5-1/2"	15-1/2#	K-55
5. The proposed mud program is as follows:

0-420':	8.4# Fresh
420'-3000':	10.0-10.2 Brine
3000'-3830':	10.0-10.2 Brine w/starch
6. The logging suite will include the following open-hole logs:
1) GR-CAL-DLL-MSFL from 3830'-2600' and 2) GR-CAL-CNL-FDC from 3830'-2600'.
7. Special Drilling Problems:
 - a) Possible swelling in Red Beds
 - b) Possible salt section washout
 - c) Yates, 7-Rivers,s & Queen pressure depleted
8. The anticipated starting date is 3-1-94 with a duration of approximately 14 days.