

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

Continental Oil Company, Wells B-1 No. 4
660' FEL and 1980' FSL of Section 1, T-25S, R-36E,
Lea County, New Mexico

1. The geologic name of the surface formation is Quaternary Sand.
2. The estimated tops of important geologic markers are shown on the attached Proposed Well Plan.
3. The estimated depths at which anticipated water, oil, gas or other mineral-bearing formations to be encountered are as follows:

Water Sand 550'	Seven Rivers 2980' Dolo.
Rustler 1110' anhy.	Queen 3410' SS
Salado 1200' salt	Penrose 3530 SS
Yates 2770' SS	
4. The proposed casing program is as follows:

Surface - new 8 5/8" 14# K-55 STC set at 1150'
Production - new 5 1/2" 14# K-55 STC set at 3570'
5. A drawing of an API Series 900 Blowout Preventer Specification is attached. Pipe rams and blinds will be checked to 1,000 PSI for 30 minutes when BOP is installed. BOP will be checked when casing string is set and operated daily for checks.
6. The proposed mud program is as follows:

0-1150' fresh water	8.5-9.0 pounds per gallon
1150'-3570' salt gel	9.0-10.0 pounds per gallon
7. The auxiliary equipment to be used is:
 - (1) kelly cocks
 - (2) floats at the bit
8. It is proposed to run GR-CNL-FDC-DLL logs from TD to 2600'.
9. No abnormal pressures or temperatures are expected to be encountered in this well.
10. The anticipated starting date for this well is May 25, 1977, with a duration date of approximately 7 days.

RECEIVED

MAY 10 1977

U.S. DEPARTMENT OF COMMERCE
BUREAU OF ECONOMIC ANALYSIS