

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

Continental Oil Company, James Ranch Unit No. 8
1980' ~~FWL~~ and 660' FWL of Section 31, T-22S, R-31E
Eddy 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:

Santa Rosa SS 400' water
Rustler 620' Anhy.
Salado 740' Salt
Lamar 3970' Lime
Bone Spring 7840' Lime
Wolfcamp 11,100' Lime

Strawn 13760' Lime
Ivanovia 13200' Lime
Morrow 14,120' Gas

4. The proposed casing program is as follows:

Conductor - New 16" 65# H-40 STC set at 650'
Surface - New 10 3/4" 45# K-55 set at 3980'
Intermediate - New 7 5/8" 33.7# N-80 set at 12000'
Production - New 5" 18# N-80 set at 14,625'

5. A drawing of an API Series 5000 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 strings are set and operated daily for checks.
6. A proposed mud program for a typical well is attached.
7. The auxiliary equipment to be used is: See attached.
8. The Logging Program: Refer to the attached Proposed Well Plan.
9. For abnormal pressures or temperatures refer to the attached pressure control data.
10. The anticipated starting date for this well is **MARCH** 15, 1977 with a duration date of approximately 120 days.