

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒OTHER ☐SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

El Paso Natural Gas Company

## 3. ADDRESS OF OPERATOR

Box 990, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface

996' N, 1160' E

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

## 16. NO. OF ACRES IN LEASE

## 19. PROPOSED DEPTH

8180

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6838' GL

## 22. APPROX. DATE WORK WILL START\*

7-13-67

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT        |
|--------------|----------------|-----------------|---------------|---------------------------|
| 15"          | 10 3/4"        | 32.75#          | 300'          | 240 lbs. circ. to surface |
| 9 7/8"       | 7 5/8"         | 25.40#          | 4000'         | 245 lbs.                  |
| 6 3/4"       | 5 1/2"         | 15.5#           | 7640'         | 120 lbs.                  |
| 4 3/4"       | 4" Liner       | Flush joint     | 7700-8180'    | 100 lbs.                  |

Selective zones in the Dakota formation will be perforated and sand water fractured.

The N/2 of Section 12 is dedicated to this well.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED Original Signed F. H. WOOD

TITLE Petroleum Engineer

DATE 7-12-67

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JUL 12 1967

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

\*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

|   |                      |                                    |                     |                             |  |
|---|----------------------|------------------------------------|---------------------|-----------------------------|--|
| Operator<br><b>EL PASO NATURAL GAS COMPANY</b>  |                      | Lease<br><b>SAN JUAN 27-5 UNIT</b> |                     | Well No<br><b>104</b>       |  |
| Unit Letter<br><b>A</b>   | Section<br><b>12</b> | Township<br><b>27-N</b>            | Range<br><b>5-W</b> | County<br><b>RIO ARriba</b> |  |
| Actual Footage Location of Well:<br><b>996</b> feet from the <b>NORTH</b> line and <b>1160</b> feet from the <b>EAST</b> line<br>Ground Level Elev. <b>6838</b> Producing Formation <b>DAKOTA</b> Pool <b>BASIN DAKOTA</b> Dedicated Acreage: <b>320.00</b> Acres |                      |                                    |                     |                             |  |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communization, unitization, force-pooling, etc?

( ☒ ) Yes ( ) No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this Form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Original Signed F. H. WOOD

Position Petroleum Engineer

Company El Paso Natural Gas Company

Date July 12, 1967

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

APRIL 13, 1967

Registered Professional Engineer  
and/or Land Surveyor

*Paul Kilmer*  
Certificate No. **1760**

