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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65 <sup>039</sup> 30-44-20024

|                                |   |
|--------------------------------|---|
| 5A. Indicate Type of Lease     |   |
| STATE <input type="checkbox"/> | FEE <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.   |   |

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

|  |  |                                |  |
|--|--|--------------------------------|--|
| 1a. Type of Work   |  | 7. Unit Agreement Name         |  |
| DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>   |  | San Juan 27-5 Unit             |  |
| b. Type of Well  |  | 8. Farm or Lease Name          |  |
| OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  | San Juan 27-5 Unit             |  |
| 2. Name of Operator  |  | 9. Well No.                    |  |
| El Paso Natural Gas Company  |  | 107                            |  |
| 3. Address of Operator   |  | 10. Field and Pool, or Wildcat |  |
| Box 990, Farmington, New Mexico  |  | Basin Dakota                   |  |
| 4. Location of Well  |  | 12. County                     |  |
| UNIT LETTER L LOCATED 1500 FEET FROM THE South LINE  |  | Rio Arriba                     |  |
| AND 890 FEET FROM THE West LINE OF SEC. 13 TWP. 27N RGE. 5W NMPM   |  |                                |  |
| 21. Elevations (Show whether DF, RT, etc.)   |  | 19. Proposed Depth             |  |
| 6605' GL   |  | 7875'                          |  |
| 21A. Kind & Status Plug. Bond  |  | 19A. Formation                 |  |
| Statewide  |  | Dakota                         |  |
| 21B. Drilling Contractor   |  | 20. Rotary or C.T.             |  |
| Circle "A" Drilling Co.  |  | Rotary                         |  |
| 22. Approx. Date Work will start   |  |                                |  |

23.

### PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 13 3/4"      | 9 5/8"         | 32.30#          | 300'          | 200             | Surface  |
| 8 3/4"       |                |                 | 6000'         |                 |          |
| 7 7/8"       | 4 1/2"         | 10.5 & 11.6#    | 7875'         | 675 - 3 steps   | 2980'    |

### Producing Casing Cementing:

First stage to fill from total depth to the top of the Gallup formation.  
Second stage to cover the Mesa Verde formation.  
Third stage to cover the Pictured Cliffs formation.

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

The S/2 of Section 13 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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

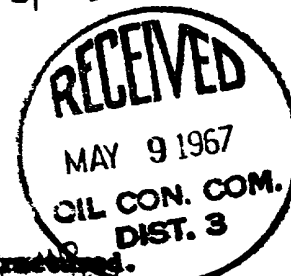
Original Signed F. H. WOOD

Signed \_\_\_\_\_ Title **Petroleum Engineer** Date **May 8, 1967**

(This space for State Use)

APPROVED BY Curry C. Church TITLE Sup Dist III DATE 5-9-67

CONDITIONS OF APPROVAL, IF ANY:



APPROVAL FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES Aug 7, 1967

**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>107</b>      |  |
| Unit Letter<br><b>L</b>   | Section<br><b>13</b> | Township<br><b>27N</b>             | Range<br><b>5W</b> | County<br><b>RIO ARriba</b> |  |
| Actual Footage Location of Well:<br><b>1500</b> feet from the <b>SOUTH</b> line and <b>890</b> feet from the <b>WEST</b> line<br>Ground Level Elev. <b>6605</b> Producing Formation <b>DAKOTA</b> Dedicated Acreage <b>320</b> Acres<br><b>Basin Dakota</b> |                      |                                    |                    |                             |  |

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.

Original Signed **F. H. WOOD**

Name \_\_\_\_\_  
**Petroleum Engineer**  
 Position \_\_\_\_\_  
**El Paso Natural Gas Company**  
 Company \_\_\_\_\_  
**May 8, 1967**  
 Date \_\_\_\_\_

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 11, 1967**  
 Registered Professional Engineer  
 and/or Land Surveyor

*Paul O'Brien*  
 Certificate No. \_\_\_\_\_

