

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

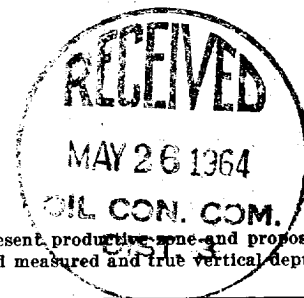
|                                                                                                                                                                                                                         |                                                      |                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 1a. TYPE OF WORK<br><b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>                                                                   |                                                      | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>SP 075601</b>                                    |
| b. TYPE OF WELL<br>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"/> |                                                      | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                                       |
| 2. NAME OF OPERATOR<br><b>El Paso Natural Gas Company</b>                                                                                                                                                               |                                                      | 7. UNIT AGREEMENT NAME<br><b>Sec. 34, T-27-N, R-4-W</b>                                    |
| 3. ADDRESS OF OPERATOR<br><b>Box 990, Farmington, New Mexico</b>                                                                                                                                                        |                                                      | 8. FARM OR LEASE NAME<br><b>Sec. 34, T-27-N, R-4-W</b>                                     |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*<br>At surface <b>1180'S, 1700'E</b><br>At proposed prod. zone                                                             |                                                      | 9. WELL NO.<br><b>34</b>                                                                   |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*                                                                                                                                                   |                                                      | 10. FIELD AND POOL, OR WILDCAT<br><b>Basin Dakota</b>                                      |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. line, if any)                                                                                                       | 16. NO. OF ACRES IN LEASE                            | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br><b>Sec. 34, T-27-N, R-4-W N.M.P.M.</b> |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.                                                                                                           | 19. PROPOSED DEPTH<br><b>8325</b>                    | 12. COUNTY OR PARISH<br><b>Rio Arriba</b>                                                  |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>7074' GL, 7004' DF</b>                                                                                                                                             | 17. NO. OF ACRES ASSIGNED TO THIS WELL<br><b>320</b> | 13. STATE<br><b>New Mexico</b>                                                             |
| 20. ROTARY OR CABLE TOOLS<br><b>Rotary</b>                                                                                                                                                                              |                                                      | 22. APPROX. DATE WORK WILL START*                                                          |

## 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#          | 150'          | 150 Sks.           |
| 5 7/8"       | 7 5/8"         | 29.7#           | 4088'         | 175 Sks.           |
| 6 3/4"       | 5 1/2"         | 17#, 15.5#      | 7996'         | 320 Sks.           |
| 4 3/4"       | 4" Liner       | 11.34#          | 8325'         | 30 Sks.            |

It is intended to drill a well using mud circulation to 4088', set intermediate casing, then gas drill to 7996', set production casing, then gas drill to total depth and set production liner. Possible producing zones in the Dakota formation will be perforated and fractured.

The E/2 of Section 2 34 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 E. S. OBERLY TITLE Petroleum Engineer DATE 5-21-64

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE MAY 25 1964  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

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

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

## NEW MEXICO OIL CONSERVATION COMMISSION

## Well Location and Acreage Dedication Plat

## Section A.

Date **MAY 5, 1964**

Operator **EL PASO NATURAL GAS COMPANY** Lease **SAN JUAN 27-4 UNIT** **SF-079607**  
 Well No. **34** Unit Letter **O** Section **34** Township **27-N** Range **4-W** NMMN  
 Located **1180** Feet From **SOUTH** Line, **1700** Feet From **EAST** Line  
 County **RIO ARriba** G. L. Elevation **7074** Dedicated Acreage **320** Acres  
 Name of Producing Formation **DAKOTA** Pool **BASIN DAKOTA**

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?

Yes ☒ No ☐2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes ☐ No ☐ If answer is "yes", Type of Consolidation.

3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description

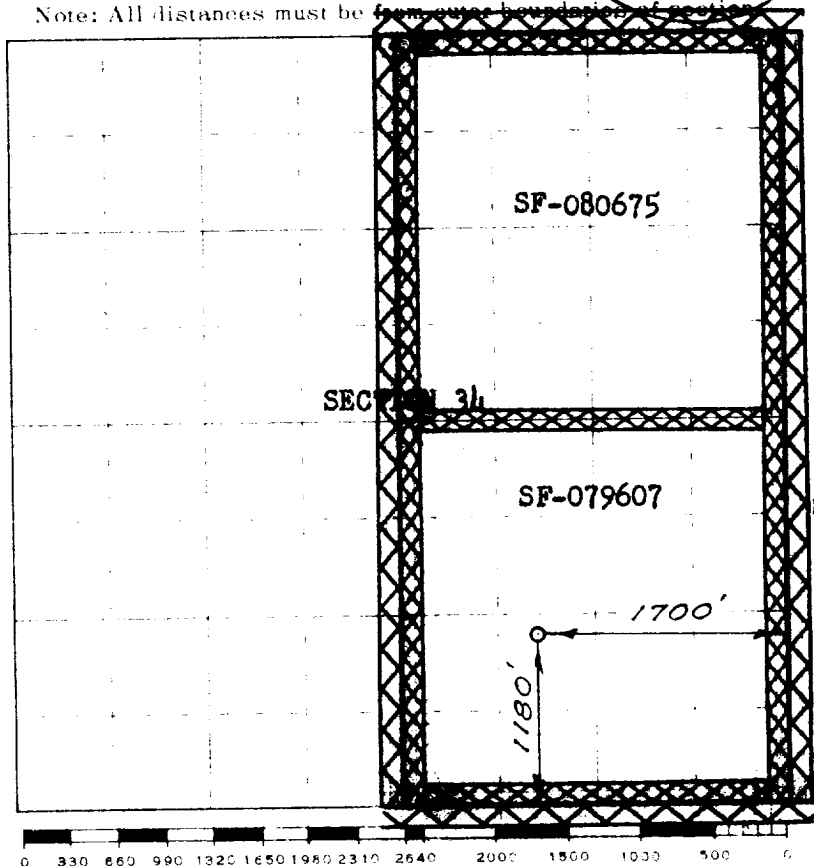
## Section B.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

**El Paso Natural Gas Company**  
 (Operator)  
**ORIGINAL SIGNED E. S. OBERLY**  
 (Representative)

**Box 930, Farmington, New Mexico**  
 (Address)

Note: All distances must be from corner boundaries of section.



Scale 4 inches equal 1 mile

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

(Seal)

Date Surveyed **MARCH 30, 1964**

**Russell H. McNease**  
 Registered Professional Engineer and/or Land Surveyor

Farmington, New Mexico