

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

45-20838

## 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

PO Box 990, Farmington, New Mexico 87401

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

At surface

1650'S, 990'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, ET.  
(Also to nearest drg. unit line, if any)

## 16. NO. OF ACRES IN LEASE

17. PG. OF ACRES ASSIGNED  
TO THIS WELL

320.00

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

## 19. PROPOSED DEPTH

6625'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6541'GL

## 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       |
|--------------|----------------|-----------------|---------------|--------------------------|
| 12 1/4"      | 8 5/8"         | 24#             | 200'          | 180 cu. ft. to circulate |
| 7 7/8"       | 4 1/2"         | 10.5#           | 6625'         | 695 cu. ft. in 3 stages  |

## Production Casing Cementing:

1st stage with 330 cu. ft. to cover the Gallup formation.

2nd stage with 315 cu. ft. to cover the Mesa Verde formations.

3rd stage with 350 cu. ft. to cover the Pictured Cliffs formations.

Selectively perforate and sandwater fracture the Dakota formation.

The E/2 of Section 30 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. Woot TITLE Petroleum Engineer DATE December 15, 1971

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-100  
Supersedes O-128  
Effective 1-1-65

ALL DESCRIPTIONS MUST BE IN ACCORDANCE WITH THE RULES OF THE COMMISSION

**EL PASO NATURAL GAS COMPANY**

**HUERFANO UNIT (SF-078372)**

**225**

**I 30 26-N 10-W SAN JUAN**

**1650 SOUTH 990 EAST**

**6541 DAKOTA BASIN DAKOTA 320.00**

1. Outline the acreage dedicated to the subject well by colored pencil or machine inks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the interest therein as to working interest and royalty.

3. If more than one lease of different ownership is dedicated to the well, have the interests of the owners been consolidated by communitization, unitization, or otherwise?

☒ Yes ☐ No If answer is "Yes," type of consolidation **Unitization**

If answer is "no," list the owners and tract descriptions which have actually been consolidated on reverse side of this form if necessary.

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

**RECEIVED**

**DEC 17 1971**

**OIL CON. COM.  
DIST. 3**

**SF-078372**

**NIL-02890**

**SECTION 30**

**NIL-02890**

**SF-078372**

**990'**

**1650'**

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**

**Petroleum Engineer**

**El Paso Natural Gas Co.**

**December 15, 1971**

**NOVEMBER 24, 1971**

*David Wilken*  
**1760**