

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

PO Box 289, Farmington, NM 87401

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

At surface

1520'S, 790'E

At proposed prod. zone

same

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

15 miles east of Blanco, NM

## 15. DISTANCE FROM PROPOSED\*

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

790'

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

1000'

## 16. NO. OF ACRES IN LEASE

unit? 2160

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL  
160 & 320

## 19. PROPOSED DEPTH

5430'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6082'GL

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

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

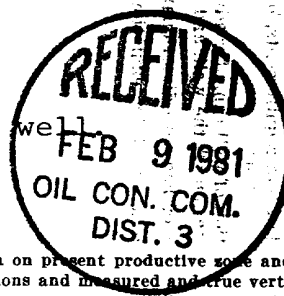
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT          |
|--------------|----------------|-----------------|---------------|-----------------------------|
| 13 3/4"      | 9 5/8"         | 36.0#           | 200'          | 224 cu.ft.to circulate      |
| 8 3/4"       | 7"             | 20.0#           | 3075'         | 347-100% to cover Ojo Alamo |
| 6 1/4"       | 4 1/2" liner   | 10.5#           | 2925-5430'    | 437 cu.ft.to circ. liner    |

Selectively perforate and sandwater fracture the Pictured Cliffs and Mesa Verde formations.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The E/2 of Section 16 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

TITLE

Drilling Clerk

DATE

9-29-80

(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

111000

All distances must be from the outer boundaries of the Section.

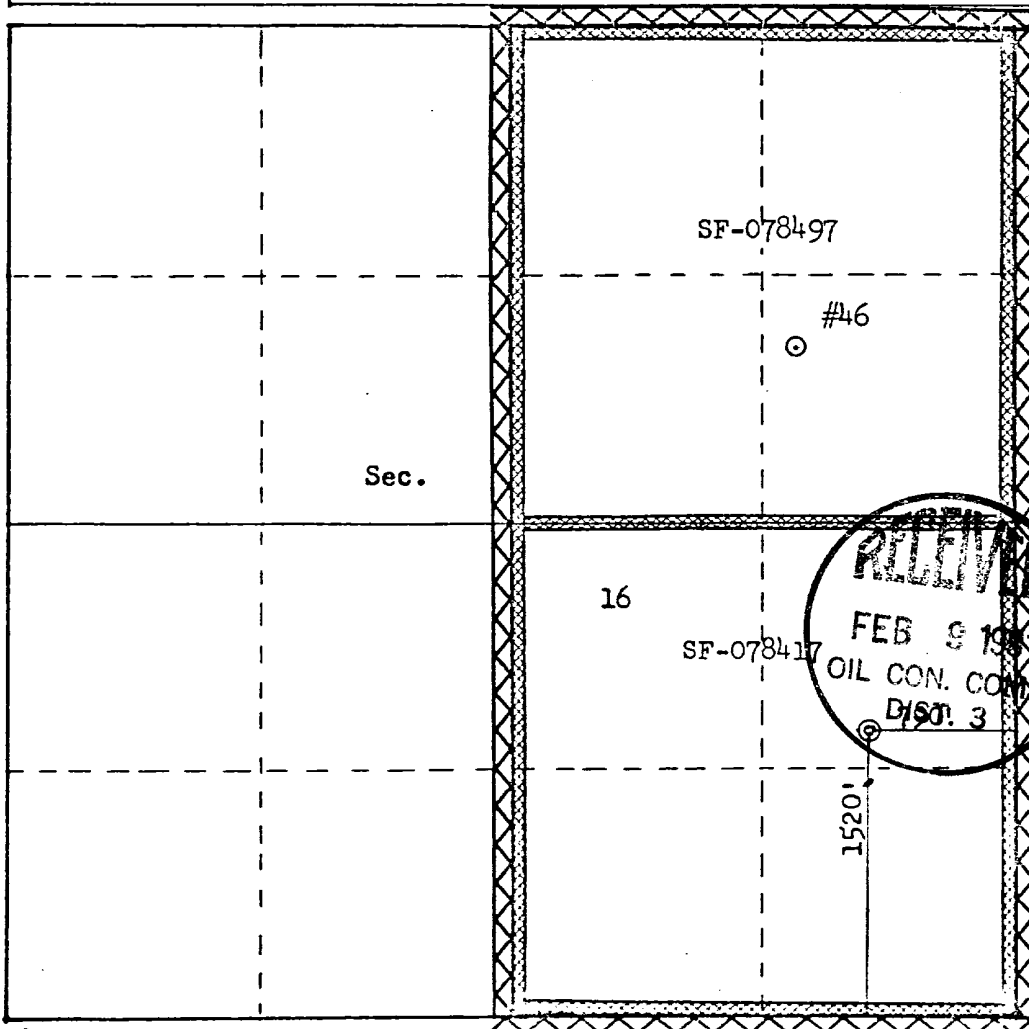
|   |   |                        |  |                             |  |
|---|---|------------------------|--|-----------------------------|--|
| Operator<br><b>EL PASO NATURAL GAS COMPANY</b>  |   |                        | Lease<br><b>SAN JUAN 28-7 UNIT (SF-078417)</b>           |                             | Well No.<br><b>46A</b>                                 |
| Unit Letter<br><b>I</b>   | Section<br><b>16</b>                                    | Township<br><b>28N</b> | Range<br><b>7W</b>                                       | County<br><b>Rio Arriba</b> |  |
| Actual Footage Location of Well:<br><b>1520</b> feet from the <b>South</b> line and <b>790</b> feet from the <b>East</b> line |   |                        |  |                             |  |
| Ground Level Elev:<br><b>6082</b>   | Producing Formation <b>PICTURED MESA VERDE - CLIFFS</b> |                        | Pool <b>SO. BLANCO PICTURED CLIFFS BLANCO MESA VERDE</b> |                             | Dedicated Acreage:<br><b>160.00 &amp; 320.00 Acres</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 communitization, unitization, force-pooling, etc?

X ☐ 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. (Use 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, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

|   |                  |
|---|------------------|
| CERTIFICATION   |                  |
| I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.   |                  |
| <i>[Signature]</i>  | Drilling Clerk   |
| El Paso Natural Gas Co.   |                  |
| September 29, 1980  |                  |
| 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   |                  |
| August 11, 1980   |                  |
| Registered Professional Engineer and Land Surveyor  |                  |
| <i>[Signature]</i>  | Fred B. Kerr Jr. |
| Certificate No. 3950  |                  |

SE 16-28-7



## PROPOSED ROAD & PIPELINE

