

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 87401

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

At surface

800'N, 900'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 drlg. unit line, if any)

## 16. NO. OF ACRES IN LEASE

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

## 19. PROPOSED DEPTH

7852'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320.00

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6574' GL

## 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"	32.3#	200'	190 Sks. to circulate
8 3/4"	7"	20#	3675'	130 Sks. to cover the Ojo Alamo
6 1/4"	4 1/2"	10.5 & 11.6#	7852'	330 Sks. to fill to 3675'

Selectively perforate and sand water fracture the Dakota formation.

The N/2 of Section 21 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 6-21-71

(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 DEED CARBON PLAT

EL PASO NATURAL GAS COMPANY

SAN JUAN 27-5 UNIT (SF-079394)

122

A 21 27-N 5-W RIO ARriba  
800 NORTH 900 EAST  
6574 DAKOTA BASIN DAKOTA

320.00

1. Outline the acreage of the unit and the interest well to be operated in the unit.
2. If more than one lease is dedicated to the unit, outline each and identify the interest interest and royalty.
3. If more than one lease of different ownership is dedicated to the well, list the interests owned by each owner, and the interest owned by each owner.

X

Yes

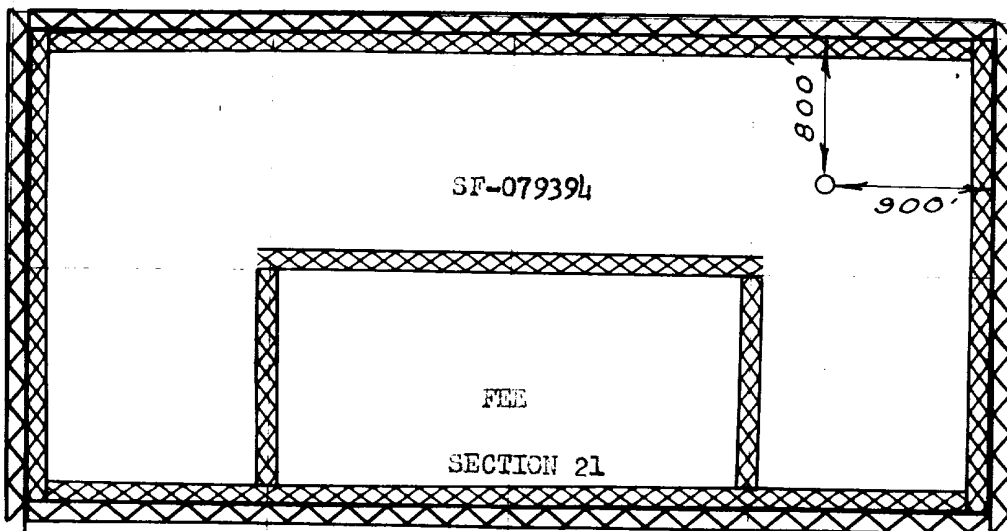
No

Answer is "No" if the unit is not dedicated to the well.

Unitization

If answer is "No", list the owners and their descriptions, which have a right to be included in this form if necessary.

No allowable will be assigned to the unit and the unit will be operated as a unit. If the unit is not dedicated to the well, the unit will be operated as a unit.



Original Signed F. H. WOOD  
Petroleum Engineer

El Paso Natural Gas Company  
June 21, 1971

FEBRUARY 18, 1971

*Handwritten signature*  
1760

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**SF 079394**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

**San Juan 27-5 Unit**

8. FARM OR LEASE NAME

**San Juan 27-5 Unit**

9. WELL NO.

**122**

10. FIELD AND POOL, OR WILDCAT

**Basin Dakota**

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

**Sec. 21, T-27-N, R-5-W  
N. M. P. M.**

12. COUNTY OR PARISH

**Rio Arriba**

13. STATE

**New Mexico**

1.

OIL ☐ GAS ☒ OTHER ☐  
WELL WELL

2. NAME OF OPERATOR

**El Paso Natural Gas Company**

3. ADDRESS OF OPERATOR

**Box 990, Farmington, New Mexico 87401**

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

See also space 17 below.)  
At surface

**800'N, 900'E**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**6574' GL**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**9 5/8"**

**6-29-71 Spudded well, drilled surface hole and ran 7 joints ~~32.3~~, 32.3#, H-40 surface casing (225') set at 240' w/190 sacks of cement circulated to surface. W.O.C. 12 hours, held 600#/30 Min.**

**7-4-71 Ran 115 joints 7", 20#, K, intermediate casing (3662') set at 3675' w/130 sacks of cement. W.O.C. 14 hours, held 800#/30 Min.**

**7-12-71 T. D. 7838'. Ran 242 joints 4 1/2", 11.6 & 10.5# KS production casing (7826') set at 7838' w/330 sacks of cement. W.O.C. 18 hours.**

**7-14-71 P.B.T.D. 7824'. Perf. 7542-54', 7574-86', 7648-54', 7667-79', 7722-34', 7754-66' w/18 SPZ. Frac w/56,000# 40/60 sand, 56,690 gal. water, dropped 5 sets of 18 balls, flushed w/5110 gal. water.**

RECEIVED

JUL 20 1971

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

18. I hereby certify that the foregoing is true and correct

SIGNED Original Signed F. H. WOOD

TITLE Petroleum Engineer

DATE

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side