

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 990, Farmington, New Mexico 87401

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

At surface

1840'S, 1850'W

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

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

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

19. PROPOSED DEPTH

7536'

20. ROTARY OR CABLE TOOLS

Rotary

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

6551'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"	32.3#	200'	190 sks. to circulate
8 3/4" & 7 7/8"	4 1/2"	10.5&11.6#	7536'	555 sks. - 3 stages

Production Casing Cementing:

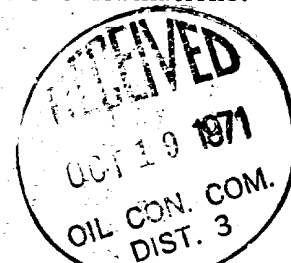
1st Stage with 200 sacks to cover the Gallup formation.

2nd Stage with 175 sacks to cover the Mesa Verde formations.

3rd stage with 180 sacks to cover the Pictured Cliffs formations.

Selectively perforate and sandwater fracture the Dakota formation.

The W/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 October 15, 1971

(This space for Federal or State office use)

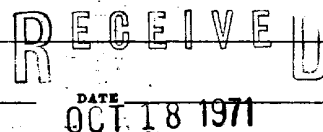
PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:



U. S. GEOLOGICAL SURVEY -  
DURANGO, COLO.

\*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

EL PASO NATURAL GAS COMPANY

SAN JUAN 28-7 UNIT (SF-078640)

152

K

21

27-N

7-W

RIO ARriba

1840

SOUTH

1850

WEST

6551

DAKOTA

BASIN DAKOTA

320.00

1. That the acreage dedication to the subject well by colored and fastened marks on the

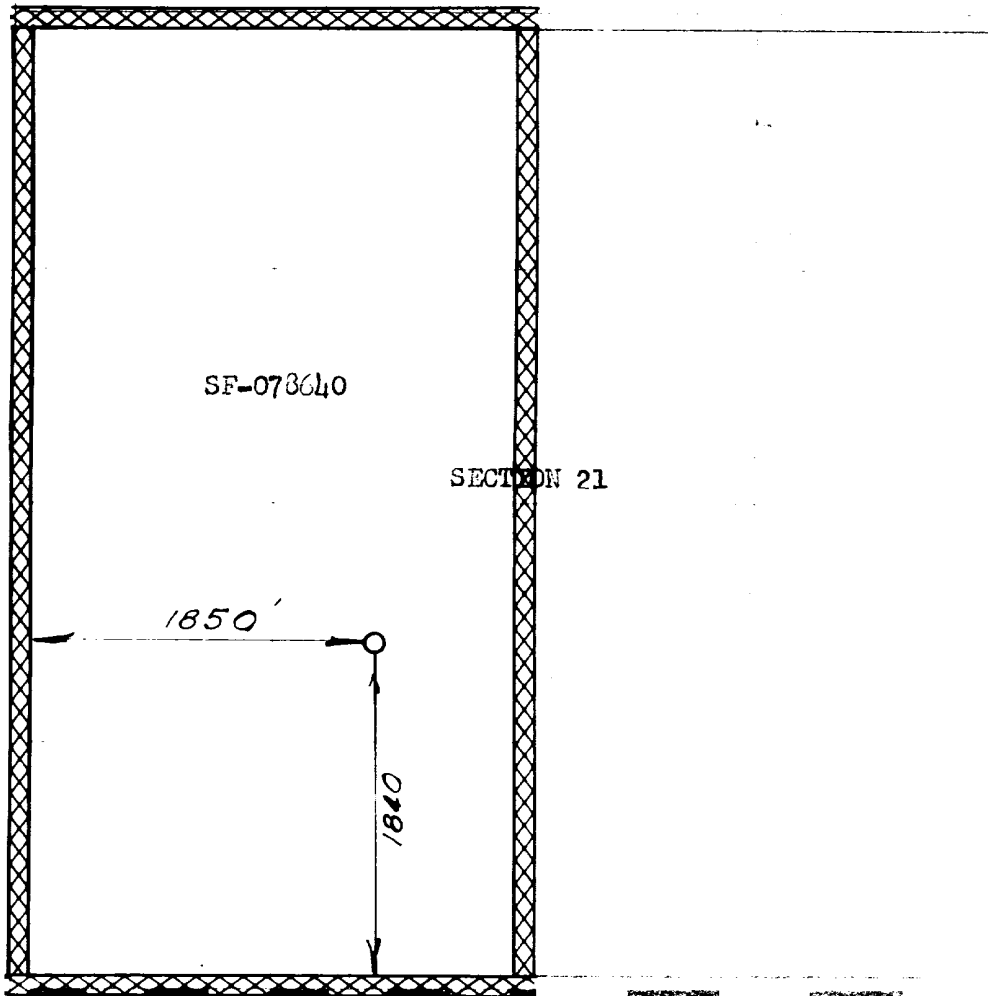
2. That the acreage dedication to the well by colored and fastened marks on the

3. That the acreage dedication to the well by colored and fastened marks on the

**X** Yes ☐ No ☐ Lease or other interest in the well Unitization

4. That the acreage dedication to the well by colored and fastened marks on the

5. That the acreage dedication to the well by colored and fastened marks on the



Original Signed F. H. WOOD

Petroleum Engineer  
El Paso Natural Gas Co.

October 15, 1971

APRIL 9, 1970

*Paul Wilson*  
1760

