

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

1500'S, 1460'W

At proposed prod. zone

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

10. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

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

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

7125'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320.00

20. ROTARY OR CABLE TOOLS

Rotary

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

6314' 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"	32.30#	200'	190 Sks. to circulate
7 7/8"	4 1/2"	10.5 & 11.6#	7125'	665 Sks. - 3 Stages

Production Casing Cementing:

First stage w/290 sacks to cover the Gallup formation.

Second stage w/219 sacks to cover the Mesa Verde formations.

Third Stage w/165 sacks to cover the Pictured Cliffs formations.

Selectively perforate and sand water fracture the Dakota formation.

The W/2 of Section 27 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 June 8, 1971

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY SM

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

30-039-20382

5. LEASE DESIGNATION AND SERIAL NO.

SF 079266

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Vaughn

9. WELL NO.

14

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 27, T-26-N, R-6-W

N. M. P. M.

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico

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 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 of 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 CONSERVATION COMMISSION
WELL LOCATED AND ACREAGE DEDICATION PLAT

— *Journal of the American Medical Association*, 1997; 277: 1001-1002

EL PASO NATURAL GAS COMPANY

VAUGHN

(SF-079266)

14

K

27

26-N

6-W

RIO ARRIBA

1500

SOUTH

1460

WEST

6314

DAKOTA

BASIN DAKOTA

320.00

Therefore, the authors concluded that the subject was a normal person with no significant

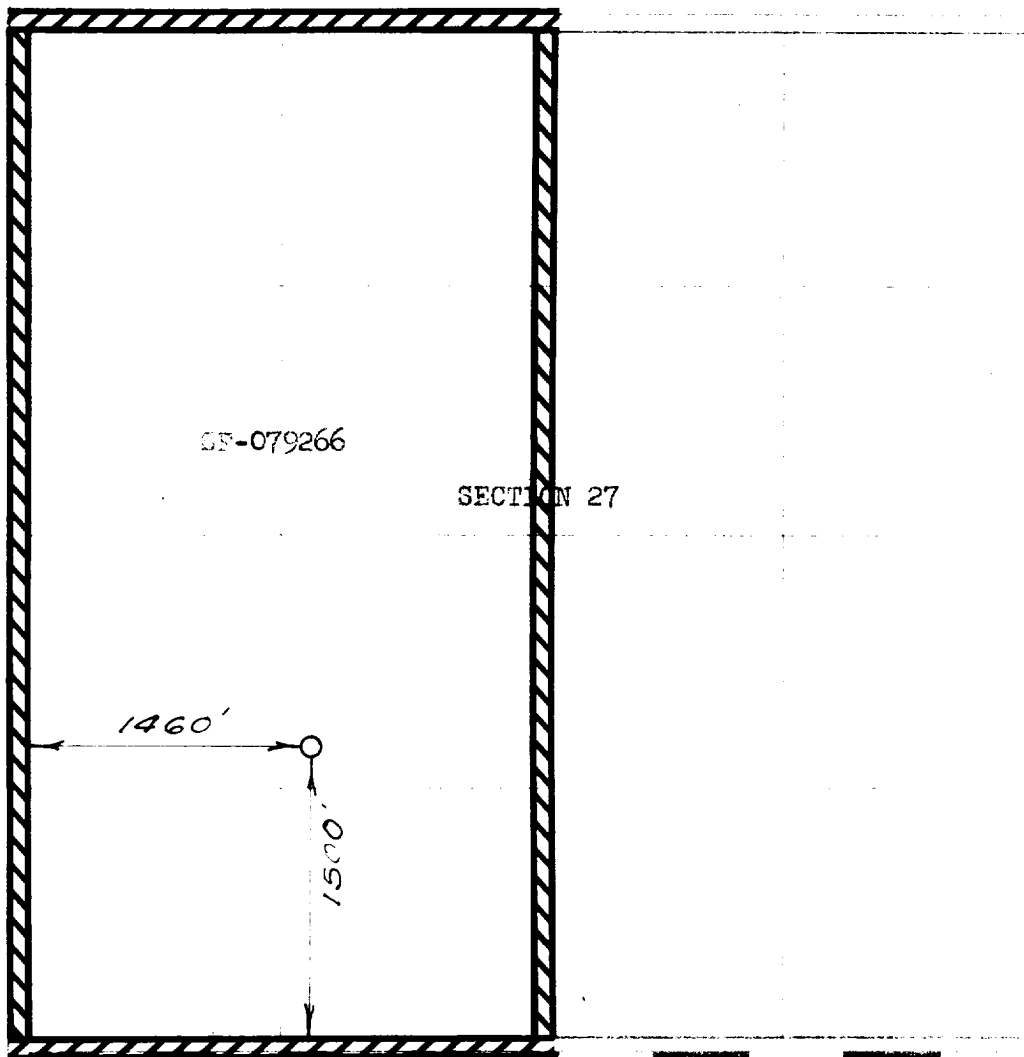
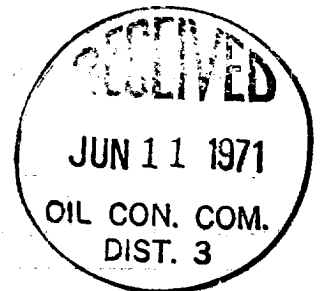
The non-financial use is dedicated to the maintenance and promotion of the archaeological site and its environment.

† It is noted that in at least 14 different ownerships is dedicated to the well-known, the most common of the following: communication, sanitation, for example, etc.).

Yes _____ No _____ If answer is "Yes" type of consolation: _____

For any $\alpha \in \mathbb{R}^{n \times n}$, α^T is the adjoint of α and the adjoint descriptions which have no adjoint are called *ghosts*. For any $\alpha \in \mathbb{R}^{n \times n}$, α^T is the adjoint of α .

Such items will be assigned to the web until all interests have been satisfied. Items are then assigned to the paper until a non-standard unit. Limiting such experiments to a small number of items is one.



Original Signed F. H. WOOD

Petroleum Engineer

El Paso Natural Gas Company

June 8, 1971

APRIL 6, 1970

1760