

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 **940'S, 1500'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 drig. unit line, if any)

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

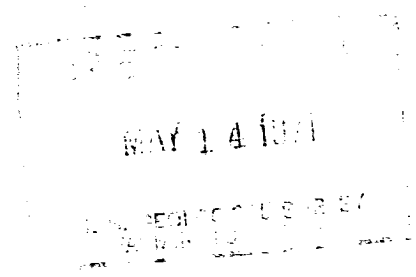
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6405' GI

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#	130'	90 Sks. to circulate
6 3/4"	2 7/8"	6.4#	3165'	245 Sks. to cover the Ojo Alamo

Selectively perforate and sand water fracture the Pictured Cliffs formation.

The SE 1/4 of Sec. 15 is dedicated to this well.



5. LEASE DESIGNATION AND SERIAL NO.
SF 078208
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Sumray A
9. WELL NO.
4
10. FIELD AND POOL, OR WILDCAT
Blanco Pictured Cliffs
11. SEC., T., R., M., OR BLK.,
AND SURVEY OR AREA
Sec. 15, T-30-N, R-10-W
N.M.P.M.
12. COUNTY OR PARISH
San Juan
13. STATE
New Mexico

16. NO. OF ACRES IN LEASE
17. NO. OF ACRES ASSIGNED
TO THIS WELL
158.22

19. PROPOSED DEPTH
3165'
20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*

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 by **Carl E. Matthews** TITLE **Petroleum Engineer** DATE **May 13, 1971**

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY **CZ** TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

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 at a different subsurface location 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 on 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 OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

EL PASO NATURAL GAS COMPANY

SUNRAY A

(SF-078208)

4

0

15

30-N

10-W

SAN JUAN

940

SOUTH

1500

EAST

6402

PICTURED CLIFFS

BLANCO PICTURED CLIFFS

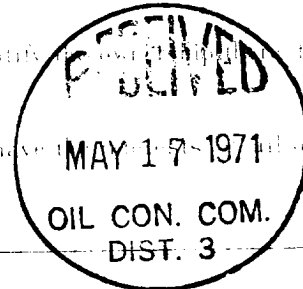
158.22

1. Outline the acreage dedicated to the subject well by colored pencil or ballpoint pen on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify (show fractional interests as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the fractional interests been consolidated by communitization, unitization, forced-pooling, etc?

Yes No If answer is "yes" type of consolidation

If answer is "no," list the owners and tract descriptions which have actually been consolidated (on the 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.



CERTIFICATION

I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief.

Original signed by
Carl E. Matthews

Petroleum Engineer

El Paso Natural Gas Company

May 13, 1971

SECTION 15

SF-078125

1500'

940'

JANUARY 11, 1971

1760