

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. SE XXXX 077730
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR El Paso Natural Gas Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Sunray E
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1509'S, 1090'E At proposed prod. zone		9. WELL NO. 3
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Blanco Pictured Cliffs
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 9, T-30-N, R-10-W N. M. P. M.
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH 13. STATE San Juan New Mexico
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 3236'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5479' CI		22. APPROX. DATE WORK WILL START*

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#	3236'	245 Sks. to cover the Ojo Alamo

Selectively perforate and sand water fracture the Pictured Cliffs formation.

The SE/4 of Section 9 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 by _____
SIGNED _____ TITLE Petroleum Engineer DATE May 13, 1971

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ 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 PLAN

EL PASO NATURAL GAS COMPANY

SUNRAY

(SF-077730)

3

I

9

30-N

10-W

SAN JUAN

1500

SOUTH

1090

EAST

6470

PICTURED CLIFFS

BLANCO PICTURED CLIFFS

150.00

1. Outline the acreage dedicated to the subject well, and describe each half acre or more of land.
2. If more than one well is dedicated to the well, outline each and identify the interests, acreage, interest and royalty.
3. If more than one well of different ownership is dedicated to the well, identify the interests, acreage, interest and royalty.

Yes _____ If answer is "No" to the question, state "No".

If answer is "No" to the question, state "No" and describe each well, and state the acreage, interest and royalty.

No well dedicated to the well, and the acreage, interest and royalty, and state the acreage, interest and royalty.



Original signed by
Carl E. Matthews

Petroleum Engineer

El Paso Natural Gas Company

May 13, 1971

SECTION 9

SF-077730

1090'
1500'

JANUARY 14, 1971

David C. Allen

1760