

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. SF 079658
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 Huerfano Unit
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Huerfano Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface X580KX 1550'N, 1500'W At proposed prod. zone		9. WELL NO. 211
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Basin Dakota
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T-26-N, R-10-W N. M. P. M.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		12. COUNTY OR PARISH San Juan
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6721' CL		13. STATE New Mexico
16. NO. OF ACRES IN LEASE		17. NO. OF ACRES ASSIGNED TO THIS WELL 320.00
19. PROPOSED DEPTH 7017'		20. ROTARY OR CABLE TOOLS Rotary
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
12 1/4"	5 5/8"	24#	200'	150 Sks. to circulate
7 7/8"	4 1/2"	10.5#	7017'	715 Sks. - 3 Stages

Production Casing Cementing:

First Stage w/270 sacks to cover the Gallup formations.
 Second stage w/220 sacks to cover the Mesa Verde formations.
 Third stage w/225 sks. to cover the Pictured Cliffs formations.

Selectively perforate and sand water fracture the Dakota formation.

The W/2 of Section 10 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 _____ TITLE **Petroleum Engineer** DATE **May 6, 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 AND GAS WELL LOCATION AND ACREAGE DEDICATION PLAT

EL PASO NATURAL GAS COMPANY

HUERFANO UNIT

(SF-079658)

211

F

10

26-N

10-W

SAN JUAN

1550

NORTH

1500

WEST

6721

DAKOTA

BASIN DAKOTA

320.00

1. Owner of the interest in the well is the same as the owner of the land.

2. If more than one person is interested in the well, the interest is divided equally among all interested parties.

3. If more than one person is interested in the well, the interest is divided equally among all interested parties.

X

Yes

No

Has the well been drilled or is it being drilled?

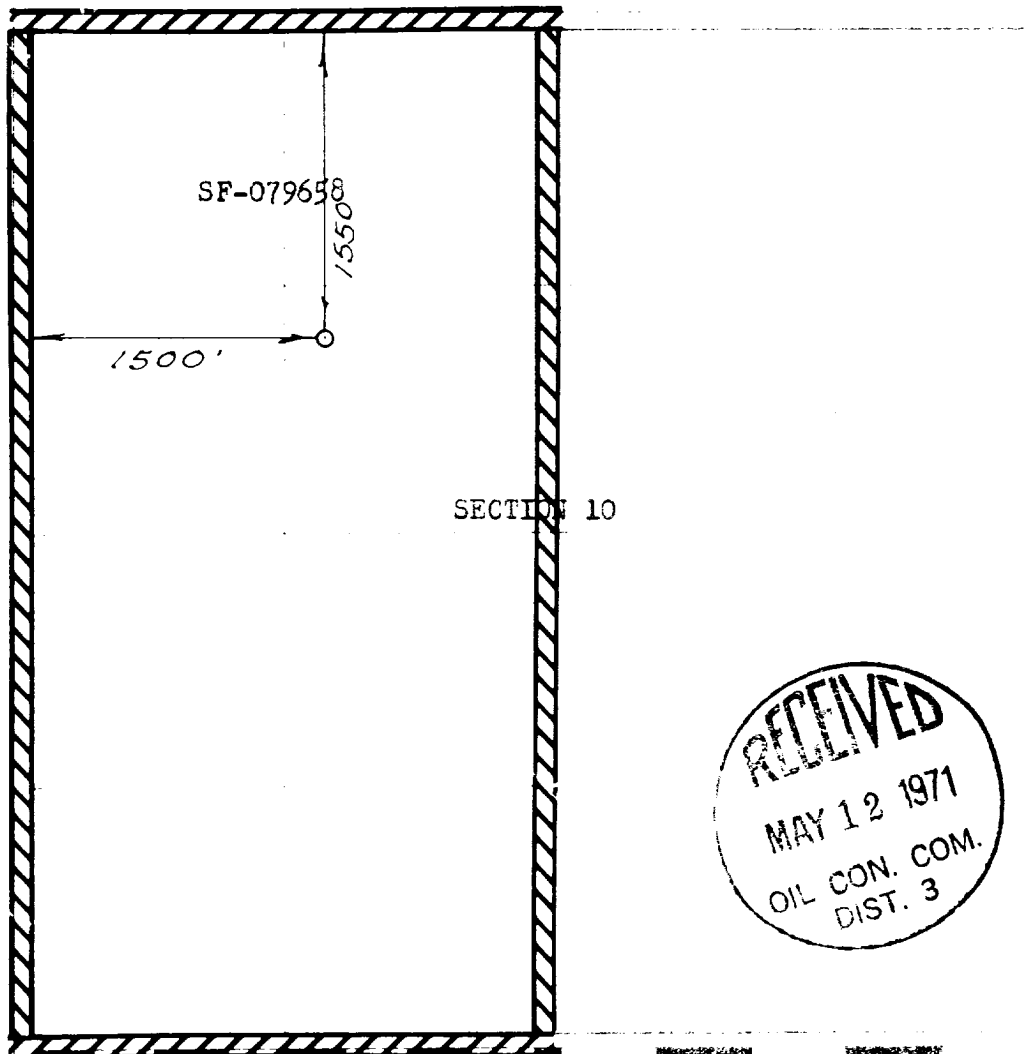
Utilization

MAY 1 1971

It is hereby certified that the above information is true and correct to the best of the knowledge of the undersigned.

No other person will be allowed to drill or operate a well in this section without the written consent of the owner of the land.

U. S. GEOLOGICAL SURVEY



Petroleum Engineer

El Paso Natural Gas Company

May 6, 1971



DECEMBER 30, 1970

[Signature]

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