

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

1840'N, 1150'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 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.)

5944' GL

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

2816'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160.00

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"	8 5/8"	24#	120'	85 Sks. to circulate
6 3/4"	2 7/8"	6.4#	2816'	290 Sks. to cover the Ojo Alamo

Selectively perforate and sand water fracture the Pictured Cliffs formation.

The NW/4 of Section 29 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

J. S. GARDNER

TITLE

Petroleum Engineer

DATE

3-24-71

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

GJ

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DATE

MAR 28 1971

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

*See Instructions On Reverse Side

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 2: 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 3: 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.

Item 16 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 24: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO DEPARTMENT OF LAND AND MINES
 WELL LOCATION AND DESIGNATED CATION PLAT

EL PASO NATURAL GAS COMPANY

ATLANTIC A

(NM-0606)

11

E

29

31-W

10-W

SAN JUAN

1840

NORTH

1150

WEST

5944

PICTURED CLIFFS

~~UNDESIGNATED~~ **Blanco** PICTURED CLIFFS **ext** 160.00

That the surface of the land is subject to the same principles as the land on which the well is located.

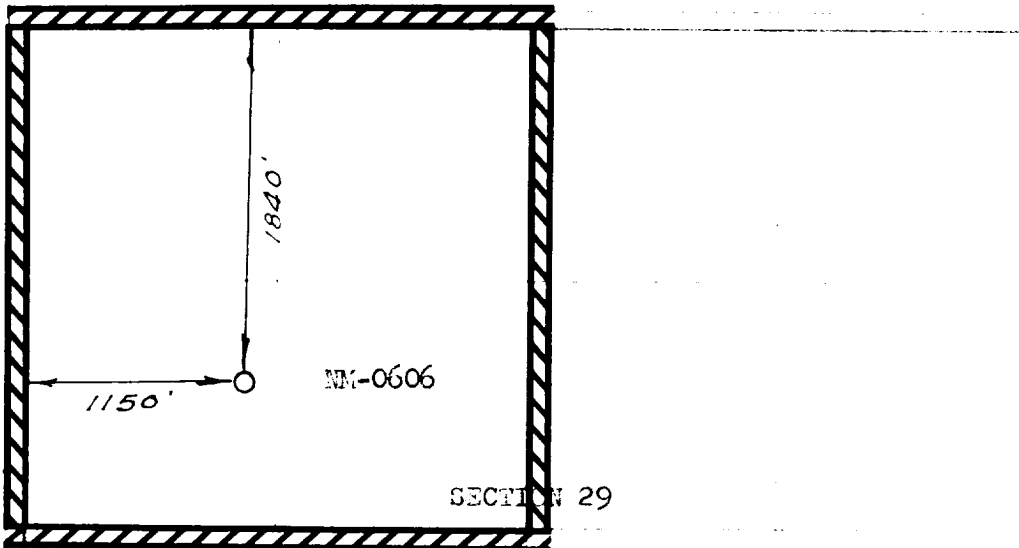
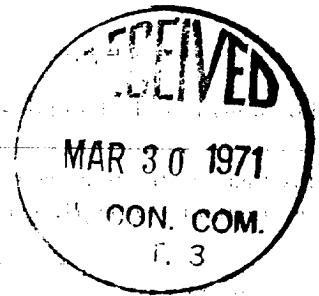
If the land is used for any other purpose, the owner shall be liable for the cost of the well and the cost of the interest and royalty.

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Yes. X. The land is subject to the same principles as the land on which the well is located.

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Original Signed F. H. WOO.
El Paso Natural Gas Company
Petroleum Engineer
March 24, 1971

JANUARY 11, 1971

Paul O'Brien
 1760