

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

1600'N, 1810'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 drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

324.80

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

19. PROPOSED DEPTH

6910'

20. ROTARY OR CABLE TOOLS

Rotary

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

6431' GL

22. APPROX. DATE WORK WILL START*

7-12-69

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#	200'	160 Sks. to circulate
7 7/8"	4 1/2"	10.5#	6910'	685 Sks. - 3 Stages

Production Casing Cementing:

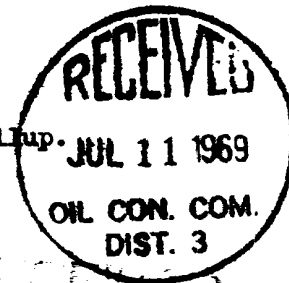
First Stage w/270 sacks to fill from total depth to the top of the Gallup.

Second Stage w/220 sacks to cover the Mesa Verde

Third Stage w/195 sacks to cover the Pictured Cliffs

Selectively perforate and sand water frac the Dakota formation.

The W/2 of Section 31 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.

Original Signed By:

SIGNED

L. O. Van Ryan

TITLE

Petroleum Engineer

DATE

7-9-69

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*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 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

Form No. 1 (Rev. 1-64)

All distances in feet from the corner of the section.

EL PASO NATURAL GAS COMPANY

HUERFANO UNIT

(NM-01051)

186

F

31

27-N

9-W

SAN JUAN

1600

NORTH

1810

WEST

6431

DAKOTA

BASIN DAKOTA

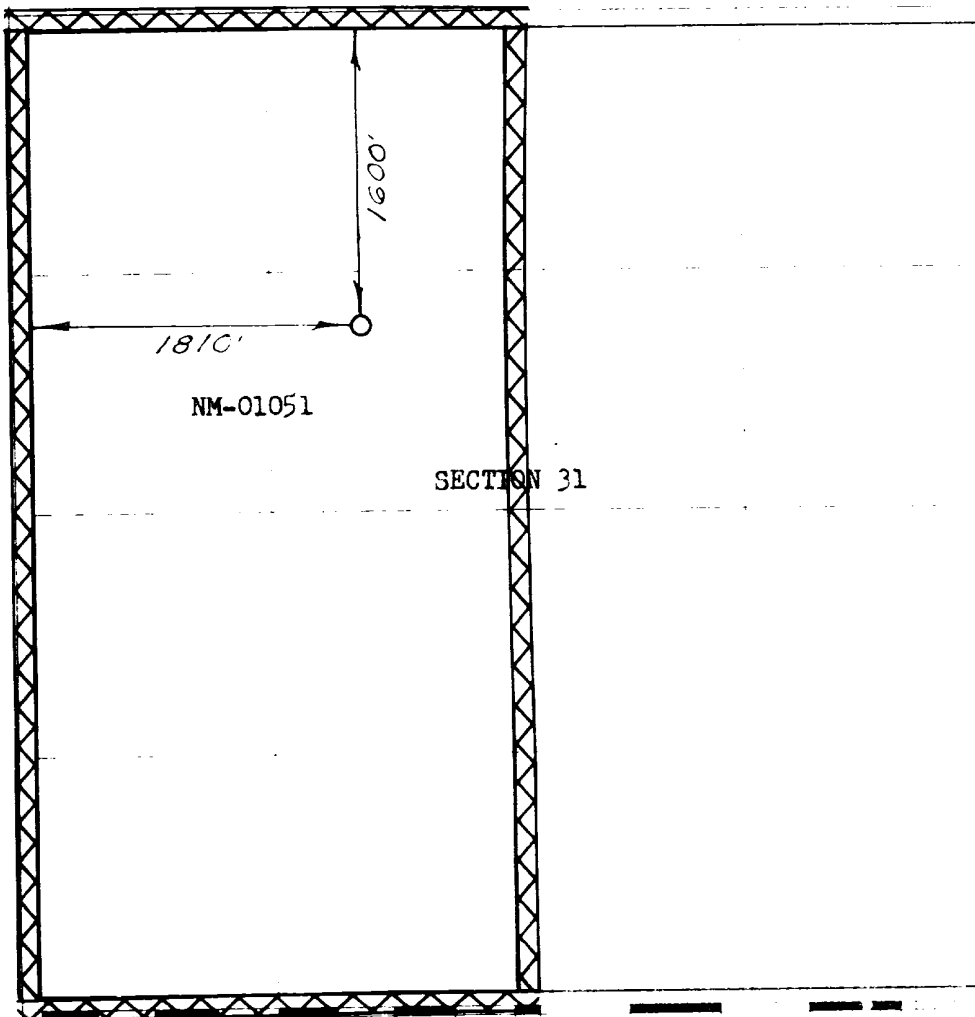
324.80

1. Outline the acreage dedicated to the subject well by colored pencil or ballpoint marks on this plat.
2. If more than one lease is dedicated to the well, outline each and identify the ownership, acreage, and interest and royalty.
3. If more than one lease of different ownership is dedicated to the well, have the interests identified by commodity, unitization, force pooling, etc.

☒ Yes ☐ No. If answer is "yes," please specify: **Unitization**

If answer is "no," list the owners and tract descriptions which have actually been consolidated on this form if necessary.

No allowable will be assigned to the well until all interests have been consolidated by unitization, association, forced-pooling, or otherwise, or until a non-standard unit, indicating such interests, has been approved by the Commission.



PREPARED BY:

Original Signed By:
L. O. Van Ryan
Petroleum Engineer
El Paso Natural Gas Co.

NOVEMBER 22, 1968

David E. Wilson
1760