

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-20466

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

2. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

3. NAME OF OPERATOR

El Paso Natural Gas Company

4. ADDRESS OF OPERATOR

PO Box 990, Farmington, NM 87401

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

990'N, 1630'E

At proposed prod. zone

1460'

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

7. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

8. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

9. NO. OF ACRES IN LEASE

10. NO. OF ACRES ASSIGNED
TO THIS WELL

320.00

11. PROPOSED DEPTH

7700'

12. ROTARY OR CABLE TOOLS

Rotary

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

6501'GL

14. APPROX. DATE WORK WILL START*

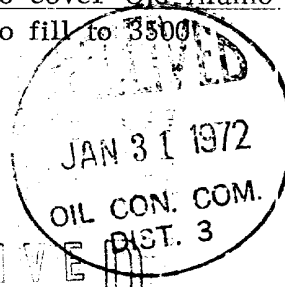
15.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	32.3#	200'	225 cu.ft. to circulate
8 3/4"	7"	20.0#	3500'	220 cu.ft. to cover Ojo Alamo
6 1/4"	4 1/2"	10.5&11.6#	7700'	640 cu.ft. to fill to 3500'

Selectively perforate and sandwater fracture the Dakota formation.

The N/2 of Section 33 is dedicated to this well.



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DURANGO, COLO.

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 Original Signed F. H. WOOD

TITLE Petroleum Engineer

DATE January 20, 1972

(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

EL PASO NATURAL GAS COMPANY

WELL JUL 27-5 UNIT (ST-079394)

142

3

33

27-N

5-1

RIO ARriba

990

NORTH

1460

LAST

6490

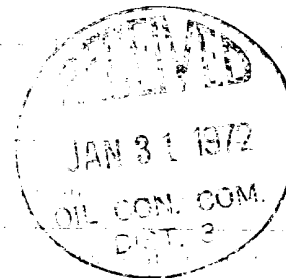
DAROTA

EL PASO NATURAL

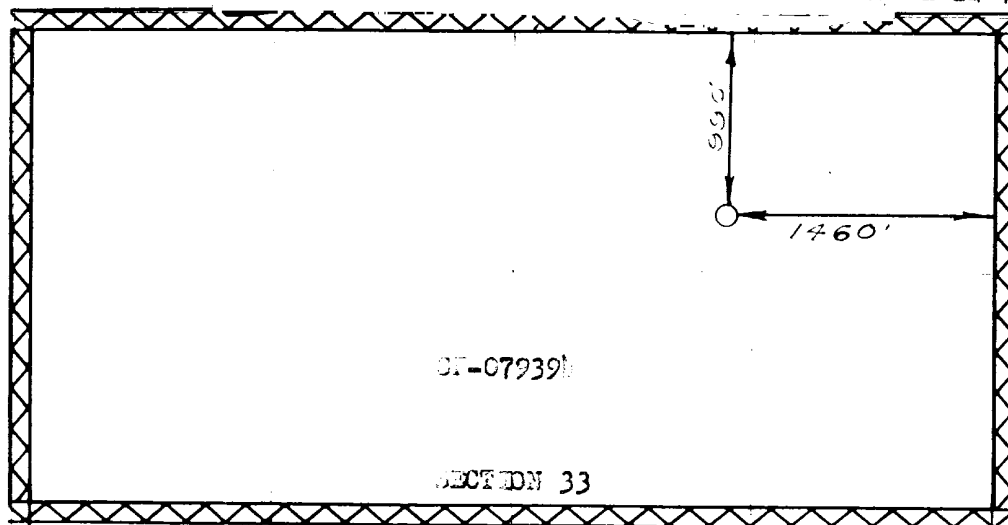
320.00

X

Utilization



NOTE: THIS PLAT REDUCED TO SHOW WELL LOCATION. 1-24-72



Original Signed By:
L. O. Van Ryan
Petroleum Engineer

El Paso Natural Gas Co.

January 26, 1972

ILLEGIBLE

JANUARY 11, 1972

David O. Van Ryan
1760

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WASHINGTON, D. C.

ST