

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

COPY 10-1-72

U.S. GEOLOGICAL SURVEY AND MINERAL NO.

LC 030181 (a)

U.S. GEOLOGICAL SURVEY AND MINERAL NO.

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 Gas Storage

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

3. NAME OF OPERATOR

El Paso Natural Gas Company

4. ADDRESS OF OPERATOR

1800 Wilco Building, Midland, Texas 79701

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

At surface

660 ENL & 660 PEL of Section

At proposed prod. zone

Same

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

6 miles Southeast of Jal, New Mexico

7. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any)

2900'

8. NO. OF ACRES IN LEASE

640

9. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

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

11. PROPOSED DEPTH

3250

12. ROTARY OR CABLE TOOLS

Rotary

13. ELEVATIONS (Show whether DE, FE, GR, etc.)

2985.2 Gr.

14. APPROX. DATE WORK WILL START\*

June 1, 1973

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 MU46	20.0#	565	Surface (Circ)
7 7/8	4 1/2 K-55	10.5#	3250	2750

Plan is to drill 12 1/4" hole to approximately 565', run 8 5/8" 20# MU46 casing and cement to surface. WOC 12 hrs. & test to 500#. Drill 7 7/8" hole to TD (3250'), run 4 1/2" K-55 casing & cement to approximately 2750'. WOC 24 hrs. & test to 1500#. Well will be completed for injection and withdrawal of gas in the Rhodes Yates formation.

Native mud & fresh water will be used to surface casing depth. Brine based mud will be used from surface casing to T.D.. 5000# Double gated BOP equipment will be used.

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 prevention program, if any.

24.

SIGNATURE

C. D. Kysan

TITLE

Production Clerk

DATE May 22, 1973

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
MAY 31 1973  
ARTHUR R. BROWN  
DISTRICT ENGINEER

\*See Instructions On Reverse Side