

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

PO Box 990, Farmington, NM 87401

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

At surface

At proposed prod. zone

800'N, 1150'W

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)

18. DISTANCE FROM PROPOSED LOCATION*

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

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

7045'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

6657'GL

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
17 1/2"	13 3/8"	48.0#	515	590 sx. circ. to surface
12 1/4"	9 5/8"	43.5#N-80	880	490 sx. 1st stage
		40.0# N-80	1118'	430 sx. 2nd stage
		40.0# K-55	5078'	300 sx. 3rd stage-cement top by T.S. 1000'

After reviewing logs and obtaining verbal approval from U.S.G.S. District Office, it is planned to plug back the subject well in the following manner. By placing a cement retainer or cement plugs in the following sections of the hole:

56 sx cement plug across Mississippian @ 12,800' to 13,000'.
74 sx. cement plug across Ismay formation @ 11,560' to 11,650'.
66 sx. cement plug across Pennsylvanian @ 11,700' to 11,900'.
106 sx. cement plug across Permian @ 9000' to 9200'.
89 sx. cement plug across Triassic @ 8100' to 8300'.
45 sx. cement plug across the top of the Summerville formation @ 7800' to 7900'.
Set a cement retainer in the intermediate casing at approximately 7045' and squeeze below retainer with 200 sks. cement.

NOTE: All cement volumes calculated from caliber log.

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

L.A. Jones

TITLE

Drilling Engineer

DATE

Sept. 18, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

OK

*See Instructions On Reverse Side

RECEIVED
SEP 19 1975
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.