

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

790'S, 2200'E

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 drilg. 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.)

6420' GL

## 23.

## 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#	300'	285 Sks. to circulate
8 3/4"	7"	20#	3400'	380 Sks. to circulate
6 1/4"	4 1/2"	10.5 & 11.6#	8140'	395 To fill to 3400'

Due to the non productive status of this well it is intended to plug it back from the Dakota to the Mesa Verde in the following manner:

Cut off 2 7/8" casing.

Set cement retainer above 2 7/8" casing stub and squeeze Dakota perforations with sufficient cement to leave 200' plug above Dakota perforations.

Pressure test 4 1/2" casing and isolate Mesa Verde formation by squeeze cementing.

Clean out and selectively perforate and sand water fracture the Mesa Verde.

Some dirt work will be required to perform this workover.

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

*A. J. Dwyer*

TITLE

Drilling Clerk

DATE

10-27-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

OCT 27 1977

CONDITIONS OF APPROVAL, IF ANY:

*Alcal*

\*See Instructions On Reverse Side