

Form approved.  
Budget Bureau No. 42-R1425

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-21307

# APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		
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 1800'S, 800'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 drig. unit line, if any)		
16. NO. OF ACRES IN LEASE		
17. NO. OF ACRES ASSIGNED TO THIS WELL		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		
19. PROPOSED DEPTH		
20. ROTARY OR CABLE TOOLS		
21. ELEVATIONS (Show whether DF, ET, GR, etc.)		
22. APPROX. DATE WORK WILL START*		

### 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"	24.0#	120'	110 cu. ft. to circulate to surface
7 7/8"	4 1/2"	10.5#&11.6#	6649'	1610 cu. ft. in 2 stages

1st stage - 335 cu.ft. cement to cover Gallup formation.

**2nd stage - 1275 cu. ft. cement to cover Ojo Alamo formation.**

**Selectively perforate and sandwater fracture the Dakota formation.**

**The S/2 of Section 1 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.**

**SIGNED**

A. G. Bruce

**TITLE**

## Drilling Clerk

DATE July 13, 1973

(This space for Federal or State office use)

**PERMIT NO.****APPROVAL DATE**

**APPROVED BY**

**TITLE**

**DATE**

**CONDITIONS OF APPROVAL, IF ANY:**