

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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"/>			5. LEASE DESIGNATION AND SERIAL NO. SF 078414	
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"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR El Paso Natural Gas Company			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico 87401			8. FARM OR LEASE NAME Day A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 990' S, 1619'W At proposed prod. zone			9. WELL NO. 13	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Undesignated P. C.	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T-29-N, R-8-W N. M. P. M.	
16. NO. OF ACRES IN LEASE			12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160.00			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 3122'			22. APPROX. DATE WORK WILL START*	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6330' GL				

23. 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#	130'	90 Sks. to circulate
6 3/4"	2 7/8"	6.4#	3122'	200 Sks. to cover the Old Alamo

Selectively perforate and sand water fracture the Pictured Cliffs formation.

The SW/4 of Section 8 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 Original Signed F. H. WOOD TITLE Petroleum Engineer DATE May 27, 1971

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL AND GAS COMMISSION
WELL LOCATION AND MECHANICAL MEDICATION PLAT

EL PASO NATURAL GAS COMPANY

DAY A

(SF-078414)

13

N

8

29-N

8-N

SAN JUAN

990

SOUTH

1619

WEST

6330

PICTURED CLIFFS

Blanco
~~UNDISTURBED~~ PICTURED CLIFFS

160.00

1. Outline the nature, location and subject of the well, and the location of the well.

2. If the well is located on land owned by the State, the location of the well shall be indicated by a line and the location of the well shall be indicated by a line.

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Yes No If the well is located on land owned by the State, the location of the well shall be indicated by a line and the location of the well shall be indicated by a line.

4. If the well is located on land owned by the State, the location of the well shall be indicated by a line and the location of the well shall be indicated by a line.

5. If the well is located on land owned by the State, the location of the well shall be indicated by a line and the location of the well shall be indicated by a line.



Original Signed F. H. WOOD

Petroleum Engineer

El Paso Natural Gas Company

May 27, 1971

SECTION 8

SF-078414

1619'

990'

FEBRUARY 4, 1971

David W. Kilmer
1760