

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. SF 079483-A
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 PO Box 289, Farmington, NM 87401			8. FARM OR LEASE NAME Carson
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 1470'S, 810'W At proposed prod. zone same			9. WELL NO. 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 9 miles northeast of Gobernador, NM			10. FIELD AND POOL, OR WILDCAT Basin Dakota
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	810'	16. NO. OF ACRES IN LEASE 1178.30	11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 7, T-30-N, R-4-W NMPM
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	1 mile	17. NO. OF ACRES ASSIGNED TO THIS WELL 218.30	12. COUNTY OR PARISH Rio Arriba
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6692'GL		13. STATE NM	
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

8-29-79: Tested perforations 8296', 8302', 8316', 8322' and 8328' for 70 hours. Water productive - no gas or oil.

Propose to set a cement retainer at 8260' and squeeze perforations with 75 sks. Class "B" neat cement. Spot 20' of cement on top of retainer. New PBTD will be approximately 8240'. Plan to perforate and frac Dakota at 8088' to 8195'.

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. Luises TITLE Drilling Clerk DATE August 31, 1979

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
DATE

SEP 4 1979

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.