

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.
SF 079483-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Carson

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec. 7, T-30-N, R-4-W
NMPM

12. COUNTY OR PARISH | 13. STATE
Rio Arriba | NM

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 289, Farmington, NM 87401

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

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
9 miles northeast of Gobernador, NM

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

17. NO. OF ACRES ASSIGNED TO THIS WELL 218.30
 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1 mile

19. PROPOSED DEPTH
 20. ROTARY OR CABLE TOOLS

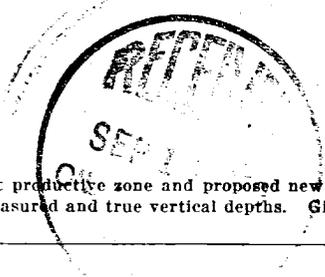
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6692'GL
 22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

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. Luico 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

OK