

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

1. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND NO. NM 01995
2. NAME OF OPERATOR El Paso Natural Gas Company		6. IF INDIAN, ALLOTTEE OR TRUST 
3. ADDRESS OF OPERATOR 1800 Wilco Building; Midland, Texas 79701		7. UNIT AGREEMENT NAME 
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FSL, 1980' FWL At proposed prod. zone		8. FARM OR LEASE NAME Langlie "A"
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Two miles		9. WELL NO. 2
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 1,980'		10. FIELD AND POOL, OR WELL Langlie-Mattix
16. NO. OF ACRES IN LEASE 80		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T-25-S, R. 10E
17. NO. OF ACRES ASSIGNED TO THIS WELL 80		12. COUNTY OR PARISH Lea
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1,320'		13. STATE N. Mex.
19. PROPOSED DEPTH PBD 3,150'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3,116' Gr.		22. APPROX. DATE WORK WILL BE COMPLETED August 9, 1976

## Existing CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	205'	200 sacks
8 3/4"	7"	23#	3,210'	300 sacks

Plan is to plug back from Queen and re-complete in the Yates zone. Work program follows:

1. Move on location & RU pulling unit.
2. Remove wellhead and set BOP.
3. Pull 2 3/8" tubing.
4. RIH w/2 7/8" work string w/cmt retainer on btm & set retainer @ 3,150'.
5. Spot 50 sx Class "H" cmt from 3,150'-3,270' (TD).
6. Spot 200 gals acid from 2,900'-2,990'.
7. Pull 2 7/8" out of hole.
8. RU wireline unit & perforate 2,975'-80' & 2,942'-52' w/0.42 casing gun.
9. RI w/2 7/8" & RTTS pkr and test intervals perforated.
10. Spot 250 gals acid from 2,400'-2,520'.
11. Pull 2 7/8" out of hole.
12. RI & perforate intervals 2,510'-15', 2,470'-80' & 2,440'-52' w/0.42 csg gun.
13. RI w/2 7/8" & RTTS pkr and test intervals.
14. If any zones test to be economic, proceed with acid clean up and put well back on production.

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 C. C. Goodwin *C. C. Goodwin* TITLE Admin. Prod. Serv. DATE 7-29-76

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

\*See Instructions On Reverse Side

**APPROVED**  
AUG 2 1976  
BERNARD MOROZ  
ACTING DISTRICT ENGINEER