

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

6037511 (c)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
 DRILL ☐ DEEPEN ☒ PLUG BACK ☐

2. TYPE OF WELL
 OIL ☐ GAS ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

3. NAME OF OPERATOR
 El Paso Natural Gas Company

4. ADDRESS OF OPERATOR
 1800 Wilco Building Midland, Texas 79701

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 1650' FSL, 1650' FEL
 At proposed prod. zone Lower Yates

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approx. 2 1/2 Miles NE Jal, New Mexico

7. DISTANCE FROM PROPOSED*
 LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1650'

8. DISTANCE FROM PROPOSED LOCATION*
 TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2640

9. NO. OF ACRES IN LEASE 160

10. PROPOSED DEPTH 3150

11. NO. OF ACRES ASSIGNED TO THIS WELL 160

12. ROTARY OR CABLE TOOLS Pulling Unit

13. APPROX. DATE WORK WILL START 8/9/76

14. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3163.5 Gr.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 1/4	8 5/8	24#	303	150 Sacks
7 7/8	5 1/2	14#	2866	300 Sacks
4 3/4	4	11#	167 @ 2954	None
	2 3/8	4.6	2907	

Workover Procedure for Langlie Fed 3

1. RU Pulling unit, remove wellhead & set BOP.
2. Pull & stand back 2 3/8" tbg.
3. Fish 4" liner out of hole.
4. RU foam unit & power swival.
5. Drill out cmt plug at 2962.
6. RI overshot & attempt to recover fish (60' 2" tbg).
7. Clean out and drill to 3150' w/foam.
8. Log open hole interval w/flowing Neutron log.
9. RI slotted 4" liner.
10. Stimulate the well w/3000 gals cleanup acid.
11. Swab in well, test & put well back on production.

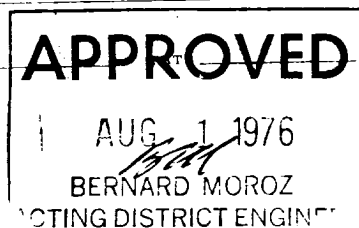
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give relevant present program, if any.

24. SIGNED W. L. Ladd TITLE Administrator-Prod. Svc. DATE 7/30/76

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY:



*See Instructions On Reverse Side

RECEIVED

AUG 2 1970

CL CONSERVATION COMM.
HOBBS, N. M.