

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
 UNION TEXAS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR
 13 Wilco Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
 660' FSL & 1980' FEL
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 3300'

16. NO. OF ACRES IN LEASE 3748

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1044'

19. PROPOSED DEPTH 3700'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3207' DF

22. APPROX. DATE WORK WILL START*
 October 1, 1979

5. LEASE DESIGNATION AND SERIAL NO.
 LC055546

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Langlie-Jal Unit

8. FARM OR LEASE NAME

9. WELL NO.
 64

10. FIELD AND POOL, OR WILDCAT
 Langlie-Mattix (Queen)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec.5, T-25-S, R-37-E

12. COUNTY OR PARISH 13. STATE
 Lea New Mexico

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 U. S. GEOLOGICAL SURVEY
 HOBBS, NEW MEXICO
 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6 1/4"	4 1/2"	10.5#	3700'	100 sx. Class "C" 6# Salt

Will deepen well from present total depth of 3506' to approximately 3700'+. Will deepen with 6 1/4" bit. Will hang 4 1/2" O.D. 10.5# J-55 casing from 3200+. Total planned casing footage of 500'. Will perforate from the base of the Queen up through the Seven Rivers at desired intervals indicated by logs. After acidizing w/3000 gals. 15% NE HCL acid, will frac Queen w/30,000 gals. of Krystal Frac 30 and 47,270 lbs. of 10/20 mesh sand. Will then move retrievable bridge plug from 3780+ up to lowest Seven Rivers perforation. After acidizing Seven Rivers w/15% "J" type acid will Frac w/8000 gals. Krystal Frac 30 and 12,000 lbs. 10/20 mesh sand. Will then put well on test and evaluate.

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 Floyd S. Handysell TITLE Production Analyst DATE 8-31-79
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY:

APPROVED
 AUG 6 1979
 ACTING DISTRICT ENGINEER