

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  
 CONTINENTAL OIL COMPANY

3. ADDRESS OF OPERATOR  
 Box 460 Hobbs, N.M. 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface 1980' FNL + 660' FEL OF SEC 1

At proposed prod. zone  
 SAME

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

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

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 3322'

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24 #	1220'	625 Sacks Circ
7 7/8"	5 1/2"	14 #	3650'	400 Sacks TOC

It is proposed to drill a straight hole to a total depth of 3650' and complete as a Langlie mattix Queen oil well.

See attachments for B.O.P. program, formation tops, logging etc.

Unless Drilling Operations have commenced, this drilling approval Expires 9-10-77

SEE ATTACHED FOR CONDITIONS OF APPROVAL

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 Wm a Butterfield TITLE ADMIN. SUPERV. DATE 5-2-77

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

"APPROVAL TO FLARE GRANTED WHILE DRILLING AND TESTING." \*See Instructions On Reverse Side

APPROVED  
AS AMENDED  
JUN 10 1977  
BERNARD MOROZ  
ACTING DISTRICT ENGINEER

USGS (6), NMFU Partners (4), File (2)

5. LEASE DESIGNATION AND SERIAL NO.  
 LC030467(B)  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 NMFU  
 8. FARM OR LEASE NAME  
 VAUGHN B-1  
 9. WELL NO.  
 7  
 10. FIELD AND POOL, OR WILDCAT  
 LANGLIE MATTIX QUEEN  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec 1, T-24S, R-36E  
 12. COUNTY OR PARISH | 13. STATE  
 Lea | N.M.

16. NO. OF ACRES IN LEASE  
 320

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

20. ROTARY OR CABLE TOOLS  
 ROTARY

22. APPROX. DATE WORK WILL START\*  
 6-10-77

RECEIVED

JUN 14 1977

U.S. DEPARTMENT OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION