

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

LC- 028731-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

M. Dodd -B-

9. WELL NO.

29

10. FIELD AND POOL, OR WILDCAT

Premier Grayburg Jackson  
Sec 10, T17S, R29E  
Unit G

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

## 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

Sun Oil Company ✓

3. ADDRESS OF OPERATOR

P. O. Box 1861, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

1980 FN&amp;EL

At proposed prod. zone

same

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

5 mi. west, 1 mi. north Loco Hills, N.M.

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

1980

16. NO. OF ACRES IN LEASE

1480

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.

1320

19. PROPOSED DEPTH

2493

20. ROTARY OR CABLE TOOLS

Rotary

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

3592 GR, 3603 KB

22. APPROX. DATE WORK WILL START\*

When approved

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	24.0	526	300 SX.
7 7/8	4 1/2	9.5	2690	250 SX.

*Additional Perfs*

Well completed 1-17-70 in Metex zone.

Request permission to add perfs in Premier zone and commingle with Metex zone.

Top of Premier 2493

Top of Metex 2394 (Now Perf @ 2394, 2396, 2398, 2400, 2402, 2404)

RECEIVED

DEC 13 1978

J. L. LARSEN  
DISTRICT ENGINEER  
ARRESTA, NEW MEXICO

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

*Carson Muntzel*

TITLE Prod. Staff Associate

DATE 12-12-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DEC 19 1978

APPROVED BY

*J. L. Larssen*

TITLE

ACTING DISTRICT ENGINEER

DATE DEC 19 1978

CONDITIONS OF APPROVAL, IF ANY: