

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-025-27264

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' FNL & 660' FWL Unit Let. "E"
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 14 miles South from Maljamar, NM

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3625.2' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	24#	400±	375 sx.
7 7/8"	5 1/2"	14#	2700±	530 sx (Circ)

RECEIVED

JAN 21 1981

U.S. GEOLOGICAL SURVEY
HOBBBS, NEW MEXICO

5. LEASE DESIGNATION AND SERIAL NO.
 NM-063530
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
 Shearn A- Federal
 9. WELL NO.
 2
 10. FIELD AND POOL, OR WILDCAT
 Northeast Lusk-Yates
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 15, T-19-S, R-32-E
 12. COUNTY OR PARISH
 Lea
 13. STATE
 NM

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 Sarah Williams TITLE Sr. Accounting Assistant DATE 1-16-81

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 (Orig. Sgd.) GEORGE H. STEWART ACTING DISTRICT ENGINEER
 APPROVED BY _____ DATE JAN 23 1981
 CONDITIONS OF APPROVAL, IF ANY: