

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-063530	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Sun Oil Company			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1861, Midland, TX 79702			8. FARM OR LEASE NAME Shearn Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FWL & 1980' FSL of Sec. 15, Unit L, Lea County			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 13 Miles south of Maljamar, N. M.			10. FIELD AND POOL, OR WILDCAT East Lusk-Morrow, Bone Springs, Wolfcamp	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 660			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 15, T19S, R32E	
16. NO. OF ACRES IN LEASE 160			12. COUNTY OR PARISH Lea	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Only well 6700'			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) RKB 3638', GR 3621.3'			22. APPROX. DATE WORK WILL START* ASAP Pending permit	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	16"	65#	330	150 sks
15"	13-3/8"	45 & 61#	2753	1000 sks
12 1/4"	9-5/8"	40 & 43.5#	7353	775 sks
8 1/2"	7-5/8"	29 & 33#	7040/13312	900 sks

HISTORY: Morrow perfs SO w/GIHP; Wolfcamp and Bone Springs perfs have reached non-economic limit to continue producing.

See Attachment for proposed well work.

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 Ben Harry TITLE Office Assistant DATE 12-12-77
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

APPROVED
AS AMENDED
DEC 22 1977
ARTHUR R. BROWN
DISTRICT ENGINEER

RECEIVED

APR 1957
OIL & GAS DIVISION COMM.
SUGAR, N. M.