

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐			5. LEASE DESIGNATION AND SERIAL NO. WMD 5576
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Sunray Oil Company			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 1416, Roswell, New Mexico			8. FARM OR LEASE NAME New Mexico "X" Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' FEL & 1980' PNL of Section 10, T-8-S, R-33-E At proposed prod. zone 4500' San Andres			9. WELL NO. 5
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12 miles west			10. FIELD AND POOL, OR WILDCAT Chavero
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'	16. NO. OF ACRES IN LEASE 960	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 4450'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4385 DF (Est.)			22. APPROX. DATE WORK WILL START* 7-17-67

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"	20#	350'	250 sx
7 7/8"	4 1/2"	9.5#	4450'	200 sx

1. Drill 12 1/4" hole to 350'.
2. Set 8 5/8" 20# J-55 csg @ 350' and circulate cement. Test csg to 1000# for 30 min. WOC 18 hrs.
3. Drill 7 7/8" hole to approximately 4450' TD. Run open hole logs. Run 4 1/2" 9.5# J-55 csg to TD. Cement w/200 sx. Test csg to 1500# for 30 min. WOC 24 hrs. Run temperature survey 8 hrs after cement.
4. Complete as required.

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.  **C.T. McClanahan** TITLE **Dist. Production Manager** DATE **7-12-67**
(This space for Federal or State office use)

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

*See Instructions On Reverse Side

APPROVED
JUL 18 1967
A. H. BROWN
DISTRICT ENGINEER

Instructions

1. This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either the Federal or State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form are given in the instructions on the back of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be issued by, the local Federal and/or State office.

2. If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult the applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

3. If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult local Federal or Indian land should be described in accordance with Federal requirements. Consult local

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