

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 ☐			5. LEASE DESIGNATION AND SERIAL NO. LC 062178	
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 Drilling Company			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 128 Hobbs, New Mexico			8. FARM OR LEASE NAME H.M. Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 990' FSL & 330' FEL of Section 25 At proposed prod. zone same as above			9. WELL NO. 20	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 7 miles SW of Milnesand, New Mexico			10. FIELD AND POOL, OR WILDCAT Milnesand San Andres	
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330' FEL			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 25, T8S, R1E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1044'			12. COUNTY OR PARISH Doorsvill	
16. NO. OF ACRES IN LEASE 2480			13. STATE New Mexico	
19. PROPOSED DEPTH 4900'			17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
20. ROTARY OR CABLE TOOLS Rotary			22. APPROX. DATE WORK WILL START* Nov. 3, 1964	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4224.6' GR				

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#	350'	250 sx
7 7/8"	4 1/2"	9.5#	4900'	200 sx

1. Drill 12 1/4" hole to 350', set 8 5/8" csg at 350' w/250 sx.
2. Drill to TD 4900', set 4 1/2" csg at 4900' w/200 sx.
3. Perf productive section 2 shots /ft & treat w/2000 gal of SDA. Frac w/24,000 gals ref oil and 12,000 of sand.
4. Nipple up tree and put on production

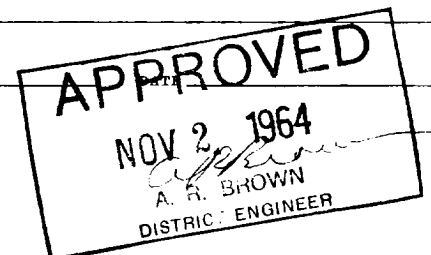
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED B.F. Brawley B.F. Brawley TITLE District Engineer DATE 10-20-64
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

*See Instructions On Reverse Side



Instructions

General: 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 a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number 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 obtained from, the local Federal and/or State office.

Item 1: 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 applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-12B
Revised 5/1/57

WELL LOCATION AND ACREAGE DEDICATION PLAT

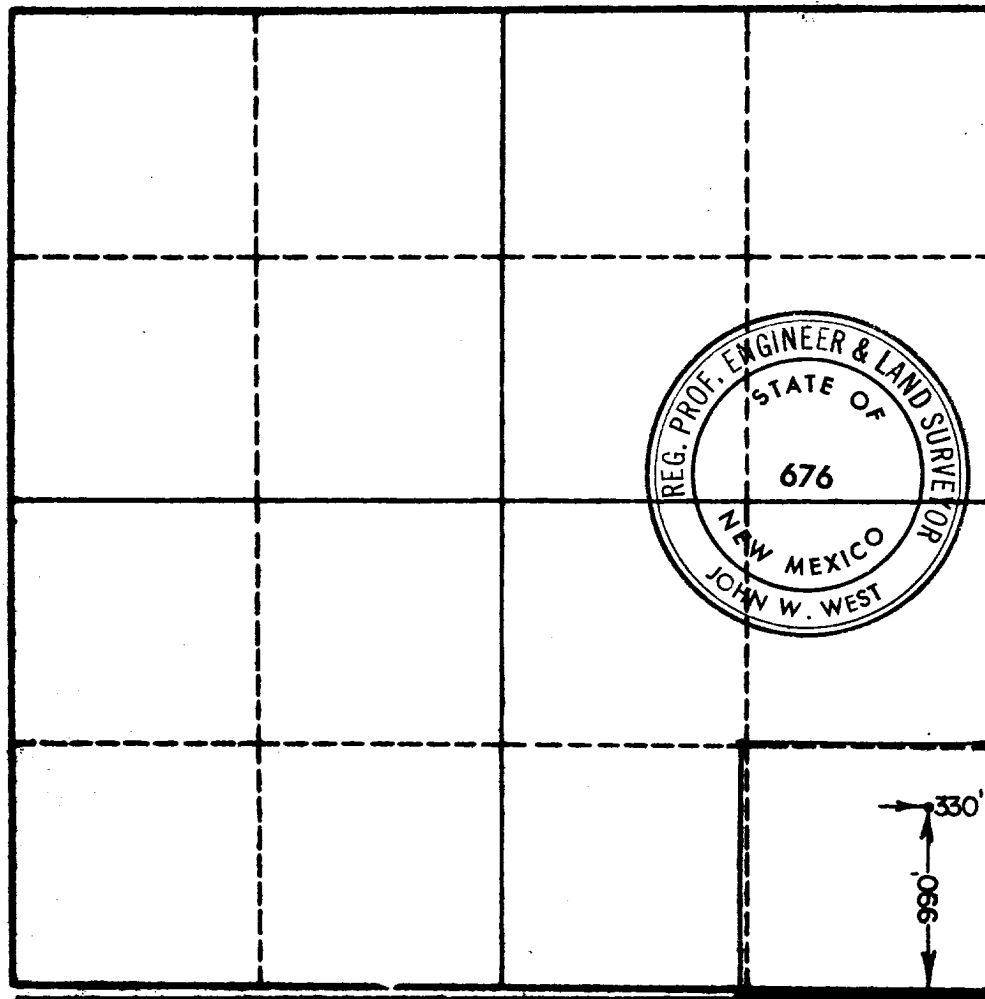
SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE C.

SECTION A			
Operator SUNRAY OX OIL CO.		Lease NEW MEXICO FEDERAL "F"	Well No. 20
Unit Letter P	Section 25	Township 8 SOUTH	Range 34 EAST
County ROOSEVELT			
Actual Footage Location of Well: 990 feet from the SOUTH line and 330 feet from the EAST line			
Ground Level Elev. 4224.6	Producing Formation San Andres	Pool Hilmsand San Andres	Dedicated Acreage: 10 Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ✓ NO ____ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (c) NMSA 1955 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ____ NO ____ . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name
B. F. Bradley
Position
District Engineer
Company
Sunray Oil Company
Date
10-28-64

I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
10-28-64
Registered Professional Engineer and/or Land Surveyor, **JOHN W. WEST**
Certificate No.
N.M. - P.E. & L.S. NO. 676