

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 ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Sunray DX Oil Company

## 3. ADDRESS OF OPERATOR

P. O. Box 1416, Roswell, New Mexico

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

At surface

1850' FWL &amp; 790' FSL of Sec. 27-T28N-R17W

At proposed prod. zone

Same

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

## 15. DISTANCE FROM PROPOSED\*

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

1850'

## 16. NO. OF ACRES IN LEASE

2560

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.

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## 19. PROPOSED DEPTH

7800'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

5313 GL

## 22. APPROX. DATE WORK WILL START\*

When permit received.

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/4	13-3/8	48	250	Sufficient to circulate
11	8-5/8	24, 32, 36	5000	Sufficient to cover DeChelly
7-7/8	4-1/2	9.5, 10.5, 11.6	7800	Sufficient to bring cmt 600' above csg shoe or 500' above upper zone of interest...which- ever is higher.

1. Prepare location and move in rotary rig.
2. Drill to 250'. Ran 13-3/8" csg & circulate cmt. WOC 18 hrs., install BOP and test csg. to 1000 psig for 30 min.
3. Drill to 5000'. Run 8-5/8" intermediate string & cmt w/sufficient cmt to cover DeChelly formation. WOC 24 hrs and test csg to 1000 psig for 30 min.
4. Drill to TD of 7800' and cmt w/sufficient cmt to come 600' above csg shoe or 500' above uppermost zone of interest. Run temp survey 8 hrs after cementing. WOC 24 hrs. pressure test csg to 1000 psig for 30 min.

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 July 2, 1965

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

RECEIVED

DATE JUL 6 1965

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

\*See Instructions On Reverse Side

## NEW MEXICO OIL CONSERVATION COMMISSION

## Well Location and Acreage Dedication Plat

Section A.

Date

Operator SUNRAY D-X OIL COMPANY Lease NAVAJO TABLE MESA  
 Well No. 1 Unit Letter N Section 27 Township 28 NORTH, Range 17 WEST, NMPM  
 Located 790 Feet From THE SOUTH Line, 1850 Feet From THE WEST Line  
 County SAN JUAN G. L. Elevation 5313 Dedicated Acreage 1.00 Acres  
 Name of Producing Formation \_\_\_\_\_ Pool \_\_\_\_\_

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?  
 Yes \_\_\_\_\_ No \_\_\_\_\_
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.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

SUNRAY D-X OIL COMPANY

(Operator)

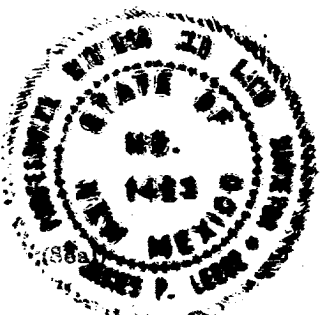
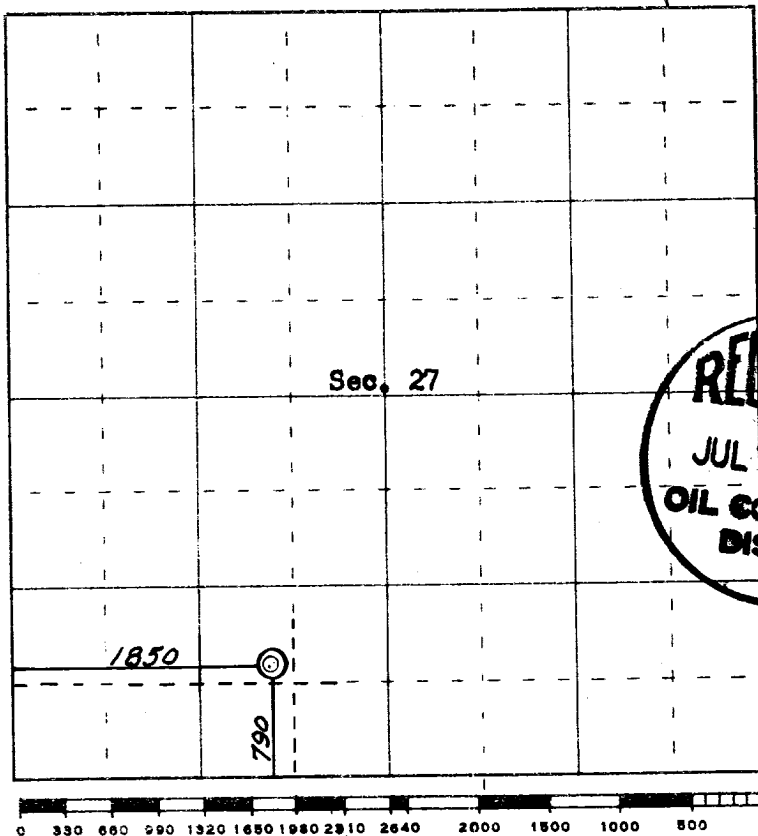
P. B. LEASE

(Representative)

FARMINGTON, NEW MEXICO

(Address)

Note: All distances must be from outer boundaries of section.



Farmington, New Mexico

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed June 16, 1965

James P. Lease  
 Registered Professional Engineer and/or Land Surveyor  
 James P. Lease, N. Mex. Reg. No. 1463