

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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30-015-20077

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## 2. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 3. NAME OF OPERATOR

Sunray DX Oil Company

## 4. ADDRESS OF OPERATOR

P. O. Box 1416 - Roswell, New Mexico

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

At surface

1980' FSL &amp; 1980' FWL

At proposed prod. zone

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

5 Miles West, 1 Mile North of Loco Hills, New Mexico

## 7. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1980'

## 8. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1320

## 9. NO. OF ACRES IN LEASE

1480

10. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 11. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2700

## 12. ROTARY OR CABLE TOOLS

Rotary

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

3620 GL (Est)

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

July 31, 1967

## 15.

## 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	500	Circulate
7 7/8	4 1/2	9.5	2700	200 sx

1. Move in Rotary Rig. Spud
2. Drill 12-1/4" hole to 500'. Set 8-5/8" 20# J-55 to 500'. Circulate cmt. WOC 18 hrs. and pressure test to 1000#.
3. Drill 7-7/8" hole to 2700'. Run logs. Run 4-1/2" 9.5# csg. to T.D. Cmt w/200 sx. WOC 24 hrs. and pressure test to 1000#.
4. Perforate Metex Zone as determined from log.
5. Stimulate well as needed for 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.

## 16.

SIGNED

John Hastings

TITLE

District Engineer

DATE 7-31-67

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

AUG - 2 1967

H. L. DECKMA:  
ACTING DISTRICT ENGINEER

\*See Instructions On Reverse Side

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AUG-11-1967  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator <b>SUNRAY DX OIL Co.</b>		Lease <b>M. MARY DODD "B"</b>		Well No. <b>23</b>
Unit Letter <b>K</b>	Section <b>11</b>	Township <b>17 SOUTH</b>	Range <b>29 EAST</b>	County <b>EDDY</b>
Actual Footage Location of Well: 1980' feet from the <b>SOUTH</b> line and 1980 feet from the <b>WEST</b> line				
Ground Level Elev. <b>3620</b>	Producing Formation <b>METEX</b>	Pool <b>GRAYBURN JACKSON SQUARE UNIT</b>	Dedicated Acreage: <b>40</b>	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

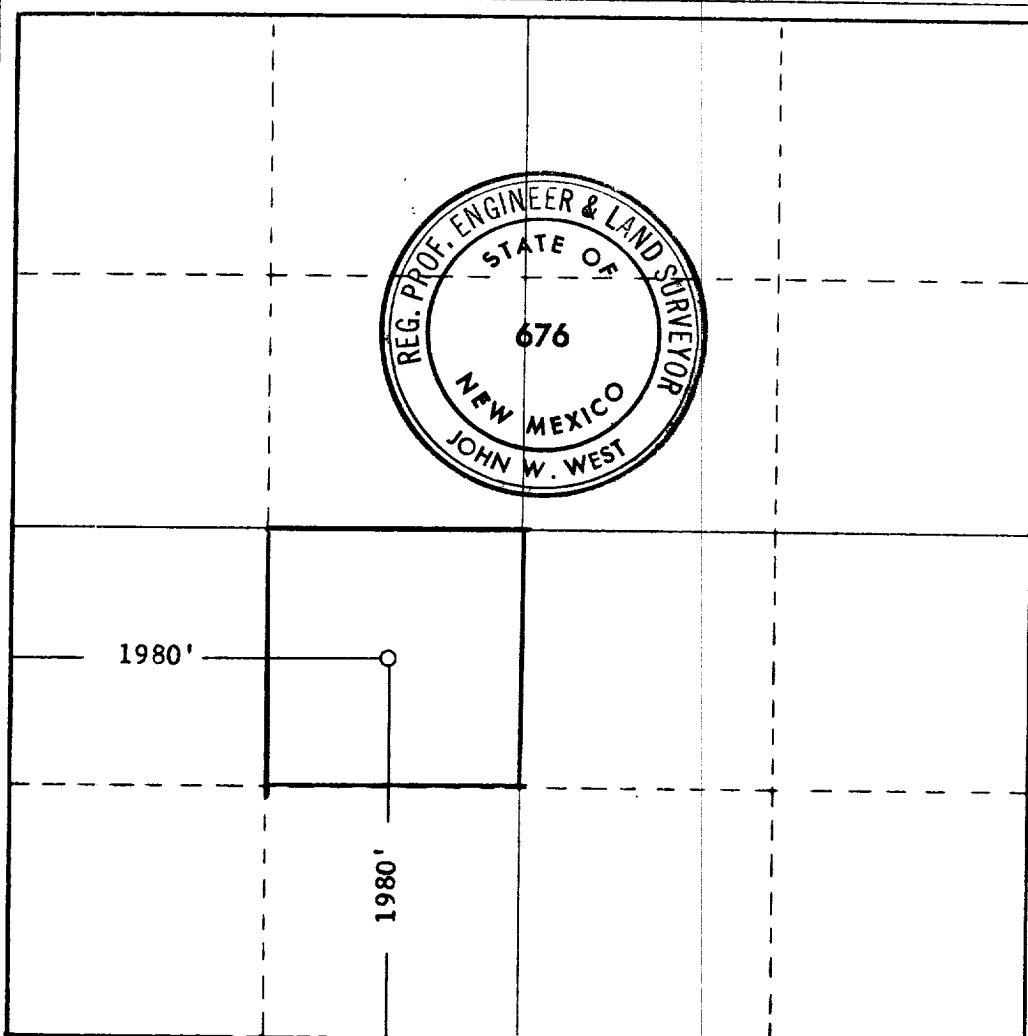
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**AUG 3 1967**

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated (reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name **John Hastings**  
Position **District Engineer**

Company **Sunray DX Oil Company**

Date **July 31, 1967**

I hereby certify that the well location shown on this plat was plotted from field notes of a survey made by me, under my supervision, and that the same is true and correct to the best of my knowledge and belief.

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**AUG-11-1967**  
**U.S. GEOLOGICAL SURVEY**  
**ARTESIA, NEW MEXICO**  
**JULY 29, 1967**

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

**John W. West**

Certificate No.

**676**

