

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYcopy to  
J. F.30-C-15-20005  
5. DESIGNATION AND SERIAL NO.  
028731-B

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

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> REPLUG BACK <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Sunray DX Oil Company		8. FARM OR LEASE NAME M. Dada	
3. ADDRESS OF OPERATOR P. O. Box 1416, Roswell, New Mexico		9. WELL NO. 17	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' FNL and 660' FWL of Sec. 14, T-17-S, R-29-E At proposed prod. zone Same		10. FIELD AND POOL, OR WILDCAT Square Lake	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5 miles West of Loco Hills, New Mexico		12. COUNTY OR PARISH May	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660		13. STATE New Mexico	
16. NO. OF ACRES IN LEASE 1480		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		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3620 (GR)		22. APPROX. DATE WORK WILL START* 1-15-67	

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	24#	500	250
7 7/8	4 1/2	9.5#	2700	

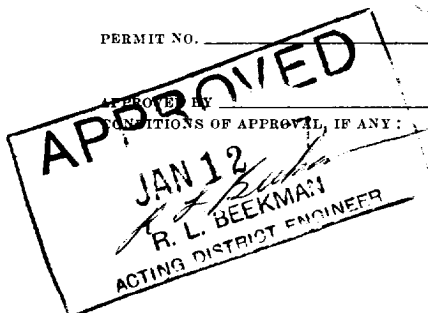
1. Move in rotary rig and spud.
2. Drill 12 1/4" hole to approx. 500'. Set 8 5/8", 24#, J-55 csg at approx 500' and cmt w/250 sxs regular cmt 2% CaCl. WOC 12 hrs under pressure. Test csg to 1000# for 30 min. to check for possible leaks.
3. Drill 7 7/8" hole to approx. 2700'. A 50' core of the Matex section of the Grayburg (2415-65) is anticipated.
4. After T.D. is reached, run 4 1/2" csg to approx 2700' and cmt w/250 sxs pos. 2% gel. WOC. 72 hrs. Test csg to 1000# for 30 min. Run Gamma-Ray-Neutron log 1000'-TD. Perf and complete as required.

**Note:** This is a secondary development well in the SDX Matex flood and will be completed as a producer.

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 District Engineer January 11, 1967  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
TITLE \_\_\_\_\_ DATE \_\_\_\_\_



\*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.

**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.

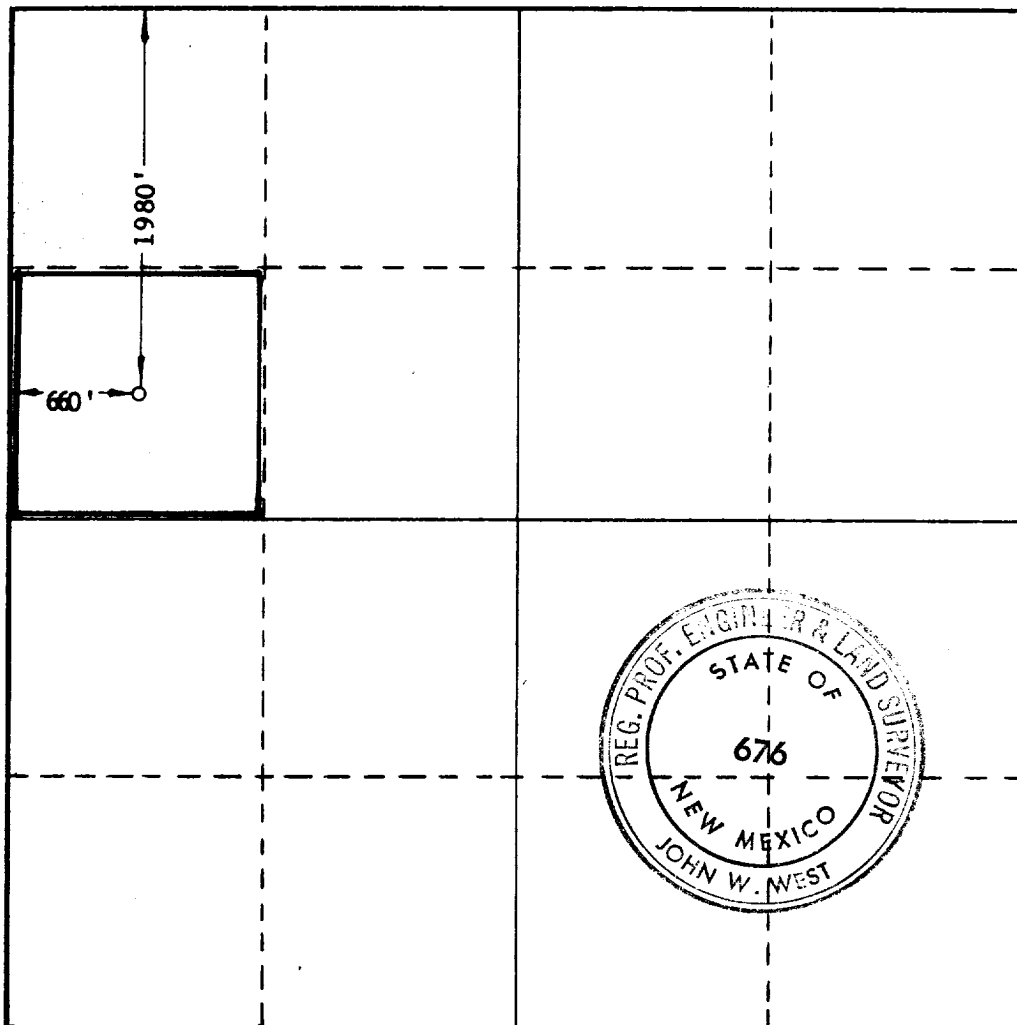
Operator <b>SUNRAY D-X OIL COMPANY</b>			Lease <b>Sm. DODD "B"</b>		Well No. <b>17</b>
Unit Letter <b>E</b>	Section <b>14</b>	Township <b>17 SOUTH</b>	Range <b>29 EAST</b>	County <b>EDDY</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>NORTH</b> line and <b>660</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>3620</b>	Producing Formation <b>Grayburg (Metex)</b>		Pool <b>Square Lake</b>		Dedicated Acreage: <b>40</b> Acres

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 been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes    ☐ No    If answer is "yes," type of consolidation **JAN 13 1967**

If answer is "no," list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) **D.C.C. ARTESIA, OFFICE**

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 **B. F. Brawley**  
Position **District Engineer**  
Company **Sunray DX Oil Company**  
Date **January 11, 1967**

I hereby certify that the well location shown on this plat 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 **1/6/67**

Registered Professional Engineer and/or Land Surveyor

**John W. West**  
Certificate No. **676**

