

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-20037

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
Surray 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
1980' FSL and 1980' FEL of Sec. 14, T-17-S, R-29-E
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
5 miles west of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
660

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.
660

19. PROPOSED DEPTH
2700

20. ROTARY OR CABLE TOOLS
Rotary

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

22. APPROX. DATE WORK WILL START*
May/June

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 sx
7 7/8	4 1/2	9.5	2700	250 sx

1. Move in rotary rig and spud.
2. Drill 12 1/4" hole to approx 500'. Set 8 5/8" 24# J-55 casing and cement with 250 sx. reg. cnt. 2% CaCl. Circ cnt to surface. WOC 18 hrs. Test to 1000 psig for 30 min.
3. Drill 7 7/8" hole to approx 2700' and run open hole logs.
4. After TB is reached, run 4 1/2" csg to 2700'. Cnt with 250 sx Incore Pozmix, 2% Gel. WOC 24 hrs. Test to 1000 psig for 30 min.
5. Complete as required.

NOTE: This is a secondary development well in the SDX Metex 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 *John Hastings* **John Hastings** TITLE **District Engineer** DATE **4-7-67**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED
 APR 12 1967
R. L. BECKMAN
 ACTING DISTRICT ENGINEER

RECEIVED
 APR 11 1967
 U. S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO

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.

N MEXICO OIL CONSERVATION COMMISS.
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 SUNRAY D-X OIL COMPANY			Lease <i>M. DODD " B "</i>		Well No. 22
Unit Letter J	Section 14	Township 17 SOUTH	Range 29 EAST	County EDDY COUNTY	
Actual Footage Location of Well: 1980 feet from the SOUTH line and 1980 feet from the EAST line					
Ground Level Elev.	Producing Formation <i>Grayburg</i>		Pool <i>George Lake Mr. Jackson</i>	Dedicated Acreage: 40 Acres	

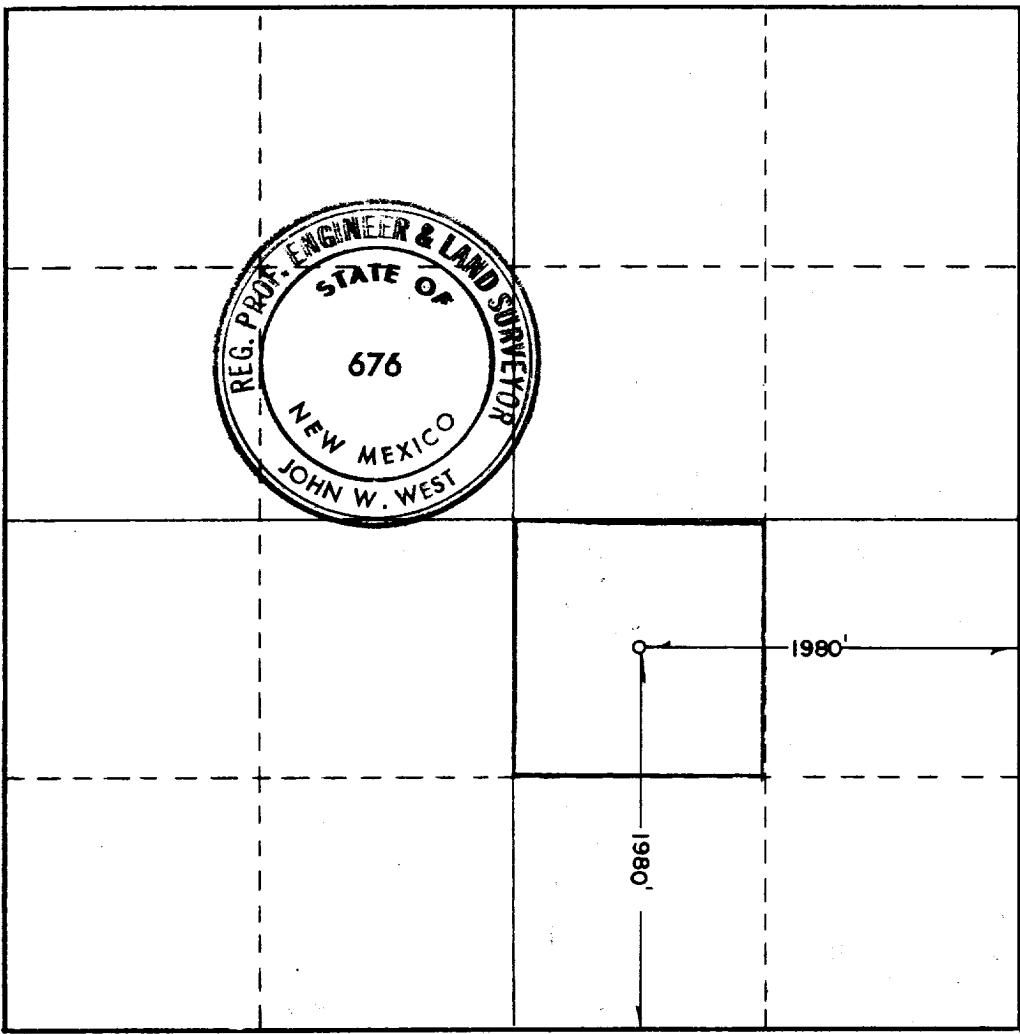
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

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Yes No If answer is "yes," type of consolidation _____ APR 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. O. O. ARTERIA, 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: *John Westinghouse*
 Position: **District Engineer**
 Company: **Sunray Oil Company**
 Date: **April 10, 1967**

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

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ARRESIA, NEW MEXICO

Date Surveyed: _____
 Registered Professional Engineer and/or Land Surveyor:
John W. West
 Certificate No. **676**



