Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: LC- 052991 B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: Triple Completion X

DRILL ☐ DEEPEN ☐ PLUG BACK ☐

7. UNIT AGREEMENT NAME:

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

8. FARM OR LEASE NAME: E. Elliott B

2. NAME OF OPERATOR: Sunray DX Oil Company

9. WELL NO.: 1

3. ADDRESS OF OPERATOR: P.O. Box 128, Hobbs, New Mexico

10. FIELD AND POOL, OR WILDCAT: Drinkard

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 660' FNL & 660' FWL
At proposed prod. zone:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 20-T21S-R37E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 2½ miles N.W. from Eunice, New Mexico

12. COUNTY OR PARISH: Lea | 13. STATE: New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	660	16. NO. OF ACRES IN LEASE: 40	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.		19. PROPOSED DEPTH: Present TD 6691	20. ROTARY OR CABLE TOOLS
21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3515 DF			22. APPROX. DATE WORK WILL START*: 1-15-65

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 ½"	13 3/8"	35 & 40#	296'	300
12 ¼"	9 5/8"	36 & 40#	2846'	1000
8 5/8"	7"	23 & 26#	6548'	500

Triple complete as follows: (in Drinkard, Tubb, & Blinebry)
1. Set cast iron bridge plug @ approx 6500', load hole w/wtr, and run Gamma Ray-Neutron log.
2. Perf 1 ft interval @ base of Tubb porosity for block squeeze.
3. Block squeeze w/100 sx Incor Pos 2% gel to 6000 psig.
4. Perf 1 ft interval @ top of Tubb porosity for block squeeze.
5. Block squeeze w/100 sx Incor Pos 2% gel to 6000 psig.
6. Perf 1 ft interval @ base of Blinebry porosity for block squeeze.
7. Block squeeze w/100 sx Incor Pos 2% gel to 6000 psig.
8. Perf 1 ft interval @ top of Blinebry porosity for block squeeze.
9. Block squeeze w/100 sx Incor Pos 2% gel to 6000 psig.
10. Run tbg and bit and drlg out all block squeeze intervals.
11. Perf selected Tubb production interval.
12. Run tbg and swab test Tubb.
13. Stimulate Tubb w/1000 gal acid. Further stimulation will be determined after evaluation of swab test data.

(Over)

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 TITLE District Engineer DATE 1-18-65

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Approved by A. R. Brown verbally on January 15, 1965.

APPROVED
JAN 18 1965
A. R. BROWN
DISTRICT ENGINEER

*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.

U.S. GOVERNMENT PRINTING OFFICE : 1963—O-711-396

(cont')

14. If Tubb commercial, set C.I. Bridge Plug and perforate selected Blinebry interval.
15. If Tubb noncommercial, squeeze w/100 sx Incor posmix 2% gel to 6000 psig, then perforate selected Blinebry interval.
16. Run tbg & swab test Blinebry.
17. Stimulate Blinebry w/1000 gal acid. Further stimulation will be determined after evaluation of swab test data.
18. If Blinebry noncommercial, squeeze as in step 15.
19. Final completion in regards to tbg, pkr, etc., will be determined from results of above work.