

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

028731-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

M. Dodd "B"

9. WELL NO.

17

10. FIELD AND POOL, OR WILDCAT

Square Lake
Grayburg Jackson R3262
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 14, T-17-S, R-29E

12. COUNTY OR

Eddy

13. STATE

New Mexico

19. ELEV. CASINGHEAD

3590

ROTARY TOOLS

I

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

Yes

27. WAS WELL CORED

Yes

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:

OIL WELL ☒GAS WELL ☐DRY ☐

RECEIVED

b. TYPE OF COMPLETION:

NEW WELL ☐WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. RESVR. ☐

Other

2. NAME OF OPERATOR

SUNRAY DX Oil Company

SUNRAY DX OIL CO. FEB 22 1967

3. ADDRESS OF OPERATOR

P. O. Box 1414, Roswell, New Mexico

NAME CHANGED TO:
SUN OIL CO. OIL DIVISION
OCTOBER 22, 1966 OFFICE

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

At surface

SUN OIL COMPANY - DX DIVISION

At top of hole, interval completed below

NAME CHANGED TO

At SUN OIL COMPANY

P. O. BOX 2880

DALLAS, TEXAS 75201

14. PERMIT NO.

DATE ISSUED

15. DATE COMPLETED

1-29-67

16. DATE T.D. REACHED

2-2-67

17. DATE COMPL. (Ready to prod.)

2-16-67

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

3602 DF

20. TOTAL DEPTH, MD & TVD

2700

21. PLUG, BACK T.D., MD & TVD

2700

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Matex 2436-46

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-Density

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	498	11"	250 ex reg.	
4 1/2"	9.5#	2700	7 7/8"	250 ex Incor Por.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2" EUE	2450	

31. PERFORATION RECORD (Interval, size and number)

1/Ft. 2436-46 Matex

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2436-46	500 gal BDA
2436-46	30,000 gal refined oil
	60,000# sand

33.*

PRODUCTION							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
2-16-67	Pump					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-16-67	24			72	57.8	2	803
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
P	-		72	57.8	2	36	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

Gamma Ray-Density Log

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

C.T. McClanahan

TITLE

Dist. Production Manager

*(See Instructions and Spaces for Additional Data on Reverse Side)

RECEIVED
FEB 21 1967
U. S. GEOLOGICAL SURVEY
DARTSIA, NEW MEXICO
2-20-67

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Red Bed	0	500	CORE #1 2446-41 Cut 5', rec'd 3'. 2446-45 Dolo w/lime streaks scattered porosity, bleeding oil. 2445-43 lm w/dolo streaks scattered poro. 2443-41 Dolo good poro appears to be good oil (slight bleeding oil). CORE #2. 2441-39 Dolo w/lm streaks good porosity bleeding oil. 2439-38 lm w/dolo streaks scattered porosity, bleeding oil. 2438-36 Lime dense.	Seven Rivers	1550	
Anhy	500	1915		Queen	1830	
Dolomite	1915	2476		Grayburg	2450	
Dolo-Sandstone	2476	2700		San Andres	2550	