

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. 028731-B	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----	
2. NAME OF OPERATOR SUNRAY OIL COMPANY		7. UNIT AGREEMENT NAME -----	
3. ADDRESS OF OPERATOR P. O. Box 2880, Dallas, Texas 75201		8. FARM OR LEASE NAME M. Dodd #8	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1980' FNL, 660' FNL, Unit E At top of hole 70' At total depth SUN OIL COMPANY-DX DIVISION		9. WELL NO. 31	
NAME CHANGED TO SUN OIL COMPANY		10. FIELD AND POOL, OR WILDCAT Grayburg Jackson	
14. PERMIT NO. D. E. C. ARTERIA, OFFICE		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 11, T-17-S, R-29-E	
15. DATE SPUDDED 9/22/68		12. COUNTY OR TERRITORY Eddy	
16. DATE T.D. REACHED 11/7/68		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 11/7/68		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3637 KB	
19. ELEV. CASINGHEAD 3626		20. TOTAL DEPTH, MD & TVD 2700	
21. PLUG BACK T.D., MD & TVD 2671		22. IF MULTIPLE COMPL., HOW MANY* 0-2700	
23. INTERVALS DRILLED BY Rotary Tools		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Metex 2454-2464	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Density	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
8 5/8		24	
4 1/2		9.5	
Depth Set (MD)		Hole Size	
523		12 1/4	
2700		7 7/8	
Cementing Record		Amount Pulled	
300 sacks			
350 sacks			
29. LINER RECORD		30. TUBING RECORD	
Size		Size	
TOP (MD)		DEPTH SET (MD)	
BOTTOM (MD)		PACKER SET (MD)	
SACKS CEMENT*			
SCREEN (MD)			
2 3/8		2544	
31. PERFORATION RECORD (Interval, size and number) 1 one-half inch hole per foot at 2454, 56, 58, 60, 62, 64.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
2454-2464		500 gallons DS-30 acid	
2454-2464		Fraced w/20,000 gallons ref. oil, 30,000 pounds of sand.	
33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
DATE FIRST PRODUCTION 11/6/68		TEST WITNESSED BY L. G. Stump	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping		WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 11/7/68		HOURS TESTED 24	
CHOKE SIZE --		PROD'N. FOR TEST PERIOD 19	
OIL—BBL. 19		GAS—MCF. 19.5	
WATER—BBL. 0		GAS-OIL RATIO 1025	
FLOW. TUBING PRESS. -----		CASING PRESSURE -----	
CALCULATED 24-HOUR RATE 19		OIL GRAVITY-API (CORR.) 34	
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 F. D. Lebo		TITLE District Engineer	
DATE 11/8/68			

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

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.), formation 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	TOP TRUE VERT. DEPTH
	0	525	Red Bed	Queen	1852	
	525	2440	Dolomite	Penrose	2040	
	2440	2700	Lime	Grayburg	2125	
				Hetex	2452	
				Premier	2540	
				San Andres	2558	
				Lovington	2655	