

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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 ☐		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR SUNRAY OX OIL COMPANY							
3. ADDRESS OF OPERATOR 101 University Blvd., Denver, Colorado 80206							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 790' from North Line & 790' from West Line of Sec. 34 At top prod. interval reported below At total depth							
14. PERMIT NO.				DATE ISSUED AUG 18 1964			
15. DATE SPEUDED 3-31-64				16. DATE T.D. REACHED 5-7-64			
17. DATE COMPL. (Ready to prod.)				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7127' K.B.			
19. ELEV. CASINGHEAD 7114'				20. TOTAL DEPTH, MD & TVD 8300'			
21. PLUG, BACK T.D., MD & TVD				22. IF MULTIPLE COMPL., HOW MANY*			
23. INTERVALS DRILLED BY 0 - 8300'				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* DRY			
25. WAS DIRECTIONAL SURVEY MADE No				26. TYPE ELECTRIC AND OTHER LOGS RUN Induction - Electrical, Sonic-Gamma Ray, Formation Density			
27. WAS WELL CORED No				28. CASING RECORD (Report all strings set in well)			
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
10 3/4"		32		206'		13 3/4"	
7 5/8"		26.4		4050'		9 7/8"	
4 1/2"		11.6		8298'		6 3/4"	
CEMENTING RECORD		AMOUNT PULLED					
125 ex. Class A w/24 GacL.		None					
300 ex. Pozmix & 100 ex. reg.							
200 ex. Pozmix around bottom							
& 100 ex. Pozmix thru stage collar @ 4489'							
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
Dakota - 8227-33 & 8243-48' - 2 jets/foot				DEPTH INTERVAL (MD)			
Callup - 7434-38' & 7444-50' w/2 jets/foot				8227-48			
Lewis - 4145-57 w/24 - 3/8" jets, 4116-30 & Shale reperf. 4145-57' w/2 jets/foot.				7434-50			
				4116-57'			
				AMOUNT AND KIND OF MATERIAL USED			
				21,250 wtr. & 20,000# Sand			
				22,000 g. wtr. & 15,000# sd. & 300# beads.			
				1000 g. acid			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED D. E. Hall		TITLE District Engineer		DATE August 14, 1964			

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

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 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, 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 logs, etc.) should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. tion and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. 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. Con 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 other 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 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, adequate 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 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
DST #1	1513'	1544'	ONS 2" TEST, Rec. 100' mud in 1 hr. ISIP 227#, PSIP 227#, PP 53# - 53# Very weak blow. Rec. 35' 80CM in 1/2 hr. ISIP 77#, PSIP 57#, PP 40# - 40# Weak blow. Rec. 35' mud in 80 min. ISIP 133#, PSIP 133#, PP 80# - 80# Fair steady blow. Rec. 60' 80CM in 65 min. ISIP 208#, PSIP 208#, PP 39# - 39# Initial 1551 MCTPD decreased to 275 MCTPD	Kirtland Fruitland Pictured Cliffs Lewis Cliffhouse Manatee Pt. Lookout Gallup	3344' 3450' 3600' 3694' 3780' 3838' 3972' 4097' 4285' 4390' 4480' 4613' 4868'
Air drld. 4050-6021' - gas entered @ DST # - 4117' - Lewis Shale DST #5 Gallup	7417'	7447'	ONS in 2 min. 811 MCTPD decreased to 344 MCTPD. Rec. 500' mud in 90 min. ISIP 2885# PSIP -1, PP 806# - 260#	Greenhorn Dakota Silt Dakota Sand Morrison	
DSTs #6, 7 & 8 in Dakota - Packer failed Perforated: Lewis Gallup Dakota	4145' 7434' 8227'	4157' 7450' 8248'	Gas - TEST Last test - 55 MCTPD 4/25# tubing pressure Gas after blowing down - TEST		

Copies of Electric Logs attached