

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42 R3553.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM 047	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other <u>Plug & Abandon</u>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
7. NAME OF OPERATOR Sun Oil Company				7. UNIT AGREEMENT NAME N/A	
8. ADDRESS OF OPERATOR 2525 N.W. Expressway, Oklahoma City, OK 73112				8. FARM OR LEASE NAME New Mexico Federal -N-	
9. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 940' FSL & 1'15' FEL At top prod. interval reported below At total depth				9. WELL NO. 5 E	
10. FIELD AND POOL, OR WILDCAT Basin Dakota				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 7 - T30N - R12W	
14. PERMIT NO. --		DATE ISSUED 2-5-80		12. COUNTY OR PARISH San Juan	
15. DATE SHIPPED 5-30-80		16. DATE T.D. REACHED 6-15-80		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 11-12-80		18. ELEVATIONS (DIP, F&B, RT, GR, ETC.)* 5915' GR		19. ELEV. CASINGHEAD 5913'	
20. TOTAL DEPTH, MD & TVD 6873'		21. FING. BACK T.D., MD & TVD 6741'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DELETED BY →		ROTARY TOOLS X		CABLE TOOLS	
24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4460' - 4481'				25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS CNL - FDC - GR - CAL - COL				27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB. FT.		DEPTH SET (MD)	
8-5/8"		24#		400'	
4-1/2"		9.5#		6872'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12-1/4		275 sx Class B		none	
7-7/8"		825 sx Class A		none	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)					
4460' - 4481' (22 holes - 1 HPF w/3-1/8" OMEGA II Csg. gun)					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
4460-4481'		Acidz w/ 1500 gals 15% HCL			
		Frac w/45,000 gals 75% west foam. Sqzd. w/20 sx Class "B"			
33. PRODUCTION					
DATE FIRST PRODUCTION 11-9-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) P & A
DATE OF TEST 11-10-80		HOURS TESTED 24		CHOKE SIZE 1"	
PROD'N. FOR TEST PERIOD →		OIL—BBL. 0		GAS—MCF. 34	
WATER—BBL. 90		GAS-OIL RATIO --			
FLOW. TUBING PRESS. 60#		CASING PRESSURE 600#		CALCULATED 24-HOUR RATE →	
OIL—PHL. 0		GAS—MCF. 34		WATER—BBL. 90	
OIL GRAVITY-API (CORR.) --					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented					
35. LIST OF ATTACHMENTS CNL - FDC - FSL - CAL					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED [Signature]		TITLE Distr. Supvr/Proration		DATE November 20, 1980	

*(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:				38. GEOLOGIC MARKERS	
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					
FORMATION	FORMATION		NAME	TOP	
	TOP	BOTTOM		MEAS. DEPTH	TRUE VERT. DEPTH
Fruitland	1730'	2090'	Tertiary	Surface	740'
Picture Cliff	2090'	2294'	Cretaceous	740'	
Cliff House	3677'	3856'	Mesaverde Form.	3316'	4930'
Point Lookout	4438'	4755'	Mancos Form.	5878'	6754'
Dakota	6584'	6614'	Dakota Form.	6754'	6934'
Morrison			Jurassic	6934'	7000'