

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. NM-15019	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR SUNDANCE OIL COMPANY				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Suite 510, 1776 Lincoln St., Denver, CO 80203				8. FARM OR LEASE NAME Cone Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL and 1980' FWL Unit C At top prod. interval reported below Same At total depth Same				9. WELL NO. 2	
14. PERMIT NO. _____ DATE ISSUED 9/29/77				10. FIELD AND POOL, OR WILDCAT Tomahawk San Andres	
15. DATE SPUDDED 12/21/77 16. DATE T.D. REACHED 1/1/78 17. DATE COMPL. (Ready to prod.) 1/16/78				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 31, T. 7S., R. 32E.	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4438' KB, 4428' GR				12. COUNTY OR PARISH Roosevelt	
19. ELEV. CASINGHEAD Same				13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 4320		21. PLUG, BACK T.D., MD & TVD 4286		22. IF MULTIPLE COMPL., HOW MANY* N/A	
23. INTERVALS DRILLED BY →		ROTARY TOOLS A11		CABLE TOOLS None	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4132-44' - P-2 zone of San Andres Formation 4152-72' - P-2 zone of San Andres Formation				25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger DLL/RX0, SNP-GL				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		1799'	
4 1/2"		10.5, 11.6		4320'	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2 3/8"		4025'			
31. PERFORATION RECORD (Interval, size and number)					
4132-44' w/2 spf, 24 holes					
4152-72' w/2 spf, 40 holes					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
4132-72'		3500 gal. 20% acid w/ball sealers			
33.* PRODUCTION					
DATE FIRST PRODUCTION 1/16/78		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 1/16/78		HOURS TESTED 24	CHOKE SIZE 23/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. 200
					GAS—MCF. 95
					WATER—BBL. 0
					GAS-OIL RATIO 475:1
FLOW. TUBING PRESS. 110		CASING PRESSURE 400	CALCULATED 24-HOUR RATE →	OIL—BBL. 200	GAS—MCF. 95
					WATER—BBL. 0
					OIL GRAVITY-API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used on lease for fuel					TEST WITNESSED BY Jim Akin
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 Richard O. Dimit		TITLE Chief Engineer			DATE January 17, 1978

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

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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	TRUE VERT. DEPTH
			DST #1: 4115-4205' 30/60/120/180 Rec. 2300' oil 40' VSOCMW IHP: 2247 FHP: 2221 IFP: 119-292 FFP: 358-714 ISIP: 1281 FSIP: 1281 BHT: 102°F.	Rustler Salado Yates San Andres Pi Marker P-1 P-2 P-3	1774' 1822' 2176' 3331' 3884' 4037' 4118' 4230'	Same Same Same Same Same Same Same Same