

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

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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		SUNDANCE OIL COMPANY							
3. ADDRESS OF OPERATOR		#910, 1776 Lincoln St., Denver, CO 80203							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*		At surface 720' FNL, 1781' FWL, Unit C At top prod. interval reported below At total depth Same							
14. PERMIT NO.		DATE ISSUED 12/31/80							
5. LEASE DESIGNATION AND SERIAL NO.		NM-15019							
6. IF INDIAN, ALLOTTEE OR TRIBE NAME									
7. UNIT AGREEMENT NAME									
8. FARM OR LEASE NAME		Cone Federal							
9. WELL NO.		31-Y							
10. FIELD AND POOL, OR WILDCAT		Tomahawk, San Andres							
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA		NE NW Section 19, T.7S., R.32E.							
12. COUNTY OR PARISH		Roosevelt							
13. STATE		New Mexico							
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, REB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD	
2/19/81		2/28/81		4/28/81		4408' GL, 4420' KB		Same	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS CABLE TOOLS	
4250'		4147		Single		→		All None	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		25. WAS DIRECTIONAL SURVEY MADE		26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORED			
4065-4102', P-2 zone of San Andres Formation		Yes		Schlumberger SNP-GR, DLL-RXO-GR		No			
28. CASING RECORD (Report all strings set in well)									
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD	
8 5/8"		24		1773'		12 1/4		500 SX	
4 1/2"		10.5		4249'		7 7/8		300 SX	
29. LINER RECORD									
SIZE		TOP (MD)		ACCEPTED FOR RECORD		SCREEN (MD)		TUBING RECORD	
N/A				ROGER A. CHAPMAN				SIZE DEPTH SET (MD) PACKER SET (MD)	
								2 3/8 4039'	
31. PERFORATION RECORD (Interval, size and number)									
4181-88		MAY 26 1981		U.S. GEOLOGICAL SURVEY		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
4065-71				ROSWELL, NEW MEXICO		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4088-90						4181-4188		4000 gal. 28% NE acid	
4098-4102						4065-4102		5000 gal. 28% NE acid	
33. PRODUCTION									
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)			
4/24/81		Pumping, 2" x 1 1/2" x 12' insert pump				Producing			
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO	
4/28/81		24				→		119 43 13 361:1	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)			
N/A		N/A		→		119 43 13			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY							
Sold to Cities Service		Armand Sandon							
35. LIST OF ATTACHMENTS									
Copy of logs to be forwarded by Dresser Atlas									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records									
SIGNED		TITLE		DATE					
[Signature]		President		May 19, 1981					

*(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	TRUE VERT. DEPTH
RECEIVED JUN 2 1981 OIL CONSERVATION DIV.			No DST's were run.	Yates San Andres Pi Marker P-1 P-2 P-3	2206 3290 3826 3974 4050 4164	