

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 _____		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		8. FARM OR LEASE NAME	
2. NAME OF OPERATOR SUNDANCE OIL COMPANY		Cone Federal	
3. ADDRESS OF OPERATOR Suite 510, 1776 Lincoln St., Denver, CO 80203		9. WELL NO. 20	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL, 374' FWL, Unit D At top prod. interval reported below At total depth Same		10. FIELD AND POOL, OR WILDCAT Tomahawk, San Andres	
14. PERMIT NO.		12. COUNTY OR PARISH Roosevelt	
DATE ISSUED 9/17/79		13. STATE New Mexico	
15. DATE SPUDDED 11/27/79	16. DATE T.D. REACHED 12/5/79	17. DATE COMPL. (Ready to prod.) 2/4/80	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4410' GL, 4420' KB
19. ELEV. CASINGHEAD Same			20. TOTAL DEPTH, MD & TVD 4270
21. PLUG, BACK T.D., MD & TVD 4230			22. IF MULTIPLE COMPL., HOW MANY* Single
23. INTERVALS DRILLED BY ROTARY TOOLS			CABLE TOOLS None
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4094-4172', P-2 zone of the San Andres Formation			25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger CNL, CCL			27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	23	1764	12 1/4"
4 1/2"	10.5	4270	7 7/8"
CEMENTING RECORD			AMOUNT PULLED
500 sx, circ 40 sx			None
300 sx			None
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
N/A			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	4172'	N/A	
31. PERFORATION RECORD (Interval, size and number)			
4094-4112' w/1 spf			
4119-4138' w/1 spf			
4171-4175' w/1 spf			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4094-4175		5000 gal. 20% NE, 82 ball sealers	
33. PRODUCTION			
DATE FIRST PRODUCTION 2/1/80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping, 2" x 1 1/2" x 12' insert rod pump	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 2/4/80	HOURS TESTED 24	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD →
OIL—BBL. 96	GAS—MCF. 115	WATER—BBL. 47	GAS-OIL RATIO 1198:1
FLOW. TUBING PRESS. N/A	CASING PRESSURE N/A	CALCULATED 24-HOUR RATE →	OIL GRAVITY-API (CORR.)
OIL—BBL. 96			GAS—MCF. 115
WATER—BBL. 47			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to Cities Service Company			TEST WITNESSED BY Jim Akin
35. LIST OF ATTACHMENTS Schlumberger to forward copy of the logs.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Richard C. Dimit		TITLE Vice President, Production	
DATE 2/6/80			

*** (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), 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 FEB 19 '80 OIL CONSERVATION DIV.			No DST's were run.	San Andres Pi Marker P-1 P-2 P-3	3306' 3856' 4008' 4087' 4198'	Same Same Same Same Same