

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.

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.

19

10. FIELD AND POOL, OR WILDCAT

Tomahawk, San Andres

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREANW NW Section 30,
T.7S., R.32E.12. COUNTY OR
PARISH

Roosevelt

13. STATE

New Mexico

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

#510, 1776 Lincoln St., Denver, CO 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

660' FNL, 891' FWL, Unit D

At top prod. interval reported below

At total depth

Same

14. PERMIT NO.

DATE ISSUED

9/13/79

15. DATE SPUDDED 11/17/79 16. DATE T.D. REACHED 11/26/79 17. DATE COMPL. (Ready to prod.) 1/12/80 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4393' GL, 4405' KB 19. ELEV. CASINGHEAD Same

20. TOTAL DEPTH, MD & TVD 4271' 21. PLUG, BACK T.D., MD & TVD 4236' 22. IF MULTIPLE COMPL., HOW MANY* Single 23. INTERVALS DRILLED BY → ROTARY TOOLS A11 CABLE TOOLS None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4084' to 4127', P-2 zone of the San Andres Formation

26. TYPE ELECTRIC AND OTHER LOGS RUN

Schlumberger SNP, DLL-RX0, CCL, CCL-Plug set, PDC

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	1766	12 1/4"	450 sx, circ. 5 sx	None
4 1/2"	10.5	4271	7 7/8"	300 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2 3/8"	4123'	N/A

31. PERFORATION RECORD (Interval, size and number)

4194-4208' w/2 spf
4084-4089' w/2 spf
4100-4107' w/2 spf
4110-4119' w/2 spf
4124-4127' w/2 spf

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4194-4208'	5000 gal. 20%NE, 56 ball sealers
4194-4208'	set CIBP @ 4171' w/21' cement on top
4084-4127'	5000 gal. 20%NE, 96 ball sealers
4084-4127'	5000 gal. 28%NE + blocking agent

(benzoic acid flakes/salt)

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1/4/80		Pumping, 1½" x 12' x 2' insert rod pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/12/80	24	N/A	→	22	12	20	545:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
N/A	N/A	→	22	12	20		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold to Cities Service Company

TEST WITNESSED BY

Jim Aking

35. LIST OF ATTACHMENTS

36. Schlumberger to forward copy of the logs.

37. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Richard O. Dimit

TITLE Vice President, Production DATE 1/15/80

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

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
OIL CONSERVATION DIV. JAN 29 1980 RECEIVED			No DST's were run.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	1755	Same
Salado	1774	Same
Yates	2140	Same
San Andres	3286	Same
Pi Marker	3840	Same
P-1	3991	Same
P-2	4068	Same
P-3	4174	Same