

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 _____
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
Drawer I, Artesia, New Mexico 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **660 from North Line 660 from West Line**
At top prod. interval reported below
At total depth **Unit D**

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUDDED **1-7-76** 16. DATE T.D. REACHED **2-23-76** 17. DATE COMPL. (Ready to prod.) **2-24-76** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **3879.1'GR**

20. TOTAL DEPTH, MD & TVD **9986** 21. PLUG, BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY **rotary**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
none

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Lateral & Comp. Neutron Density

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	61#	312.05	17 1/2	300sx Class C cement	none
8 5/8	32#	2559'KB	11	300sx HOWCO Lite cem.	none
				200sx Class C cement	

29. LINER RECORD					30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
none			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				none

33.* PRODUCTION
DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **P&A** WELL STATUS (Producing or shut-in) **P&A**
DATE OF TEST _____ HOURS TESTED _____ CHOKE SIZE _____ PROD'N. FOR TEST PERIOD _____ OIL—BBL. _____ GAS—MCF. _____ WATER—BBL. _____ GAS-OIL RATIO _____
FLOW. TUBING PRESS. _____ CASING PRESSURE _____ CALCULATED 24-HOUR RATE _____ OIL—BBL. _____ GAS—MCF. _____ WATER—BBL. _____ OIL GRAVITY-API (CORR.) _____

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

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined for all applicable laws
SIGNED W. H. Morgan TITLE **Supt.** DATE **APR 26 1976**

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 2830

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Full Out

8. FARM OR LEASE NAME

Amoco Federal

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 17 Twn12S Rge30E

12. COUNTY OR PARISH

Chaves

13. STATE

NM

19. ELEV. CASINGHEAD

ROTARY TOOLS

CABLE TOOLS

rotary

25. WAS DIRECTIONAL SURVEY MADE

yes

27. WAS WELL CORED

yes

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APR 26 1976

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO 4-2-76

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 nonapplicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for special 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 for each interval, 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. Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 29: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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.)

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CONSERVATION
HOBBS, N. M.
COMM.

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; Cased 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 2950-3147				Yates	1200	
IH - 1315			Sampler Press. - 0	Queen	1942	
IF - 13-13			cc Oil - trace	San Andres	2506	
ICP - 53			cc Water - 1100	Glorietta	3755	
2nd IF - 13-13			cc Mud - 1100	Yeso	3882	
FCP - 53			Recovered 15' mud cut water	Tubb	5324	
FH - 1315				Abo	6150	
DST #2 9417-9509				Wolfcamp	7170	
IH - 4678			Sampler Press. - 150	Cisco	7923	
IF - 44-66			CFG - .01	Canyon	8269	
CI - 2456			cc Mud - 2100	Strawn	8538	
2nd IF - 88-88			Recovered 170' drilling mud, very light gas cut	Atoka	9054	
CI-3410				Miss.	9242	
FH - 4678				Woodford	9850	
DST #3 9300-9414				Devonian	9868	
IH - 4607			Sampler Press. - 25			
IF - 44-44			cc Mud - 1700			
ICP - 198			CFG - 0			
2nd IF - 22-22			Recovered 93' mud			
CIP - 198						
FH - 4607						

Sundance #1 Amoco Federal

Section 17-T12S-R30E
660 FN & WL

GR 3879.1

Core #1, 1934-84, cut 50', recovered 49.4 feet, 1-11-76:

<u>DEPTH</u>	<u>THICKNESS</u>	<u>DESCRIPTION</u>
1934-36	2	Sandstone, red, v. shaly, anhydritic, no show
1936-39.5	3.5	Anhydrite, gray, sandy at base
-51.5	12.	Sandstone, red, vf-fg, silty and shaly in part, with some FQG, w/one foot of gray sand 1945-46, no show.
-54.	2.5	Anhydrite, gray, translucent
-56.	2.	Sandstone red, vf-fg, anhydritic & shaly, no show
-60.5	4.5	Shale, red silty, anhydritic
-65.	4.5	Anhydrite, gray with salt inclusions
-69.	4.	Sandstone red vfg, anhydritic, shaley, w/salt cement, no show
-72.5	3.5	Salt, clear, with .4' anhydrite at base
-75	2.5	Shale, red, sandy, with salt inclusions
-77	2.	Sandstone, red, vfg, silty, w/salt cement, shaly, no show
-77.5	.5	Anhydrite
-82.	4.5	Sandstone, red, vfg with salt cement in part, & shaley in part, no show
-83.4	1.4	Anhydrite, gray, translucent

49.4 total feet

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APR 26 1976

**U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO**

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CALIFORNIA CONSERVATION COMM.
ARTESIA, OFFICE

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O. C. C.
ARTESIA, OFFICE