

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.

5. LEASE DESIGNATION AND SERIAL NO.

SF 078214

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGENCY NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

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

Seq. 21, T-30-N,
R-13-W, N.M.P.M.

12. COUNTY OR PARISH

SAN JUAN

13. STATE

NEW MEXICO

19. ELEV. CASINGHEAD

5453

23. INTERVALS DRILLED BY

0-6218

25. WAS DIRECTIONAL SURVEY MADE

No

27. WAS WELL CORED

No

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Otherb. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR

SOUTHERN UNION PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

Post Office Box 808, Farmington, New Mexico

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

At surface 890 FT. FROM NORTH LINE & 1725 FT. FROM EAST LINE.

At top prod. interval reported below SAME AS ABOVE.

At total depth SAME AS ABOVE.

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

11-9-63

11-26-63

12-9-63

5462 FT. D.F.

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

6218 MD & TVD

6189 MD & TVD

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

5976 TO 6134 MD & TVD - DAKOTA FORMATION

26. TYPE ELECTRIC AND OTHER LOGS RUN

INDUCTION - ELECTRIC LOG, CEMENT BOND LOG, GAMMA-RAY NEUTRON CORRELATION

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"	24.0	284 FT.	12 1/2"	200 SX	
4 1/2"	10.5	6218 FT.	7 7/8"	1ST STAGE CEMENTED W/475 CU. FT.	
				2ND STAGE CEMENTED W/1000 CU. FT. OF CEMENT.	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

PERFORATED 1 SHOT/FT. 6134-6120, 6074-6047, 6030-6025, 6019, 6016, 5976-5962, PERFORATED W/LANE WELLS NCF-11 JET CHARGE HOLE SIZE 0.297

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6134-6047	45,000# SAND, 60,500# GAL. WATER, 20 TONS CO ₂
6030-5962	40,000# SAND, 42,900 GALS. WATER, 20 TONS CO ₂

33.* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

SHUT IN

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

1-9-64

3

3/4"

→

486 MCF

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

327 PSI

1073 PSI

→

3890 MCF

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

VENTED

VERNE ROCKHOLD

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

GILBERT D. NOLAND, JR.

TITLE

DRILLING SUPERINTENDENT

DATE

JANUARY 20, 1964

*(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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
KIRTLAND	SURFACE	1200	SAND AND SHALE	KIRTLAND	SURFACE	
FRUITLAND	1200	1385	SAND, SHALE & COAL	FRUITLAND	1200	
PICTURED CLIFFS	1385	1540	SAND	PIC. CLIFFS	1385	
LEWIS	1540	3005	SHALE	LEWIS	1540	
MESA VERDE	3005	4165	SAND, SHALE & COAL	MESA VERDE	3005	
MANCOS	4165	5960	SHALE	MANCOS	4165	
DAKOTA	5960	6218	SAND & SHALE	DAKOTA	5960	