

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R3555.

## 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

SOUTHERN UNION PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

P. O. Box 808, FARMINGTON, NEW MEXICO 87401

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

At surface 1090 FT. FROM THE NORTH LINE &amp; 1520 FT. FROM THE EAST LINE.

At top prod. interval reported below SAME AS ABOVE

At total depth SAME AS ABOVE

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

9/2/67

16. DATE T.D. REACHED

9/18/67

17. DATE COMPL. (Ready to prod.)

10/1/67

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

6691 R.K.B.

19. ELEV. CASINGHEAD

6688

20. TOTAL DEPTH, MD &amp; TVD

7045 MD&amp;TVD

21. PLUG, BACK T.D., MD &amp; TVD

7009 MD&amp;TVD

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-7045

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

6769 - 7008

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

E. S. INDUCTION, DENSITY, GAMMA RAY CORRELATION, CEMENT BOND

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"                                                                      | 24.00           | 322            | 12-1/4"   | 250 SACKS                | NONE          |
| 4-1/2"                                                                      | 10.50           | 7044           | 7-7/8"    | CEMENTED 1ST STAGE W/700 | CU. NONE      |
| FT., 2ND STAGE W/900 CU.FT., 3RD STAGE W/1200 CU. FT. STAGE COLLARS AT 2564 |                 |                |           | FT. &                    |               |
| 5047 FT. R.K.B.                                                             |                 |                |           |                          |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE          | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|---------------|----------------|-----------------|
|      |          |             |               |             | 1 1/2" E.U.E. | 6887 FT.       |                 |

31. PERFORATION RECORD (Interval, size and number)

1 SHOT PER FT. 6937-6952, 6954-6959, 6970-6989, 6992-7008, 6769-6778, 6842-6851, 6868-6876. 3 SHOTS PER FT. 6844-6846

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                            |
|---------------------|-------------------------------------------------------------|
| 6937 - 7008         | 55,000# SAND, 1,000# GLASS BEADS, 465,700 GAL. 1% KCL WATER |
| 6769 - 6876         | 40,000# SAND, 1,000# GLASS BEADS, 44,860 GAL 1% KCL WATER   |

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 |
|---------------------|-----------------|-------------------------|-------------------------|----------|------------|-------------------------|---------------|
| 11/3/67             | 3               | 3/4"                    |                         |          | 422        |                         |               |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |               |
| 275                 | 1078            |                         |                         | 3,374    |            |                         |               |

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

VENTED

TEST WITNESSED BY

KENNETH E. RODDY

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.  
GILBERT D. NOLAND, JR.

TITLE DRILLING SUPERINTENDENT

DATE NOVEMBER 16, 1967

\*(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 33.

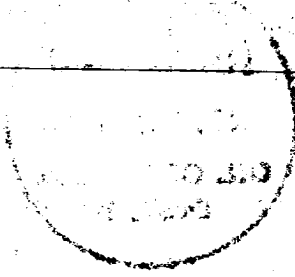
**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**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:<br>SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING<br>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 |
|                                                                                                                                                                   |     |        |                             | PICTURED CLIFFS      | 2357        |                  |
|                                                                                                                                                                                                                                                       |     |        |                             | CLIFF HOUSE          | 3950        |                  |
|                                                                                                                                                                                                                                                       |     |        |                             | POINT LOOKOUT        | 4720        |                  |
|                                                                                                                                                                                                                                                       |     |        |                             | GALLUP               | 5900        |                  |
|                                                                                                                                                                                                                                                       |     |        |                             | BASE GREENHORN       | 6734        |                  |
|                                                                                                                                                                                                                                                       |     |        |                             | DAKOTA               | 6765        |                  |