

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.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

RECEIVED

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 ☐ JAN 12 1968

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 1010 FT. FROM THE NORTH LINE AND 1070 FT. FROM THE WEST LINE.  
At top prod. interval reported below SAME AS ABOVE  
At total depth SAME AS ABOVE

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 10/11/67 16. DATE T.D. REACHED 10/26/67 17. DATE COMPL. (Ready to prod.) 12/15/67 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6401 FT. R.K.B. 19. ELEV. CASINGHEAD 6350 FT.

20. TOTAL DEPTH, MD & TVD 6750 MD&TVD 21. PLUG, BACK T.D., MD & TVD 6723 MD&TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS 0-6750 CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 6512-6711 DAKOTA (MD&TVD) 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           | 342            | 12-1/4"   | 250 BAGS REGULAR       | NONE          |
| 4-1/2"                                                                          | 10.50           | 6749           | 7-7/8"    | 1ST STAGE W/700 CU.FT. | NONE          |
| CLASS "C", 2ND STAGE W/900 CU.FT. CLASS "C", 3RD STAGE W/1100 CU.FT. CLASS "B". |                 |                |           | STAGE DOLLARS          |               |
| SET AT 2330 FT. & 4736 FT. R.K.B.                                               |                 |                |           |                        |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|------|----------|-------------|---------------|-------------|
|      |          |             |               |             |

30. TUBING RECORD

| SIZE          | DEPTH SET (MD) | PACKER SET (MD) |
|---------------|----------------|-----------------|
| 1-1/2" E.U.E. | 6658           |                 |

31. PERFORATION RECORD (Interval, size and number)  
1 SHOT PER FT. 6715-6722, 6652-6656, 6642-6643, 6639-6700, 6707-6711, 6512-6522, 6576-6586, 6596-6600

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                              |
|---------------------|---------------------------------------------------------------|
| 6652-6722           | 55,000# SAND, 1,000# GLASS BEADS, & 65,010 GAL. 1% KCL WATER. |
| 6512-6600           | 40,000# SAND, 1,000# GLASS BEADS, & 42,520 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 |
|--------------|--------------|------------|-------------------------|----------|----------|------------|---------------|
| 1/9/68       | 3            | 3/4"       |                         |          | 369      |            |               |

| FLOW, TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL-GRAVITY-API (CORR.) |
|---------------------|-----------------|-------------------------|----------|----------|------------|-------------------------|
| 240                 | 901             |                         |          | 2,949    |            |                         |

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

Original signed by GILBERT D. NOLAND, JR. DIST. 3 DISTRICT DRILLING SUPERINTENDENT

SIGNED GILBERT D. NOLAND, JR. DATE JANUARY 11, 1968

\*(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.), formations 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:                                                                                                                                                                                       |     |        | 38. GEOLOGIC MARKERS |             |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|----------------------|-------------|------------------|
| 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 |     |        | NAME                 | TOP         |                  |
| FORMATION                                                                                                                                                                                                          | TOP | BOTTOM |                      | MEAS. DEPTH | TRUE VERT. DEPTH |
|                                                                                                                                                                                                                    |     |        | PICTURED CLIFFS      | 2158        |                  |
|                                                                                                                                                                                                                    |     |        | CLIFF HOUSE          | 3762        |                  |
|                                                                                                                                                                                                                    |     |        | POINT LOOKOUT        | 4460        |                  |
|                                                                                                                                                                                                                    |     |        | GALLUP               | 5565        |                  |
|                                                                                                                                                                                                                    |     |        | BASE GREENSWAN       | 6470        |                  |
|                                                                                                                                                                                                                    |     |        | DAKOTA               | 6510        |                  |