

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*

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 875 FT. FROM NORTH LINE & 1090 FT. FROM WEST LINE.

At top prod. interval reported below SAME AS ABOVE.

At total depth SAME AS ABOVE

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH

13. STATE

RIO ARriba

NEW MEXICO

15. DATE SPUDDED 6/28/68 16. DATE T.D. REACHED 7/8/68 17. DATE COMPL. (Ready to prod.) 3/8/68 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6665 FT. R.K.B. 19. ELEV. CASINGHEAD 6653

20. TOTAL DEPTH, MD & TVD 7530 FT. R.K.B. 21. PLUG, BACK T.D., MD & TVD 7490 FT. R.K.B. 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY ———→ 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3052 - 3118 PICTURED CLIFFS MD&TVD 7244 - 7470 DAKOTA MD&TVD 25. WAS DIRECTIONAL SURVEY MADE 0 - 7530

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

No

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

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	32.75	322	13-3/4"	225 BAGS	NONE
7-5/8"	26.40	3302	9-7/8"	1250 CU. FT.	NONE
4-1/2"	10.50	3171 TOP	6-3/4"	950 CU. FT.	NONE
		7526 BOTTOM			

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3171	7526	950 CU. FT.		1 1/2" I.J.	3052 FT. R.K.B.	7178 FT. R.K.B.
					1 1/2" E.U.E.	7183 FT. R.K.B.	

31. PERFORATION RECORD (Interval, size and number)

PICTURED CLIFFS: 1 SHOT/FT. 3052-3056,

3064-3068, 3082-3086, 3106-3118.

0.48" HOLE SIZE.

DAKOTA: 1 SHOT/FT. 7244-7262, 7372-7386,

7464-7470. - 0.48" HOLE SIZE

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3052 - 3118	60,000# SAND & 31,626 GALS. WTR.
7244 - 7470	120,000# SAND, 2,000# GLASS BEADS, 80,976 GALS. 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
8/22/68	3	3/4"	→		273 - DAKOTA		
8/23/68					274 - PICTURED CLIFFS		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
340	FAKNER	→		2886 - DAKOTA			
192	532			2191 - PICTURED CLIFFS			

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

VENTED

35. LIST OF ATTACHMENTS

RECEIVED
KENNETH E. ROODY

SEP 1 1968

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

Original signed by
SIGNED GILBERT D. NOLAND, JR.

TITLE DRILLING SUPERINTENDENT

DATE SEPTEMBER 10, 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.), 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.	38. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH, FEET
				PICTURED CLIFFS	3050
				CLIFF HOUSE	4693
				POINT LOCKOUT	5240
				GALLUP	6293
				BASE GREENWICH	7220
				DAROTA	7245