

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

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 1850 FT. FROM THE NORTH LINE & 790 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 SPUNDED

9-8-71

16. DATE T.D. REACHED

9-19-71

17. DATE COMPL. (Ready to prod.)

9-30-71

18. ELEVATIONS (DF, RES, RT, GR, ETC.)*

6890 FT. R.K.B.

20. TOTAL DEPTH, MD & TVD

8000 FT. R.K.B.

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

7956 FT. R.K.B.

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - 8080

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

3558 - 3622 FT. MD & TVD - TAPACITO PICTURED CLIFFS

7746 - 7941 FT. MD & TVD - BASIN DAKOTA

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

E.S. INDUCTION, GAMMA-RAY DENSITY, ELEMENT BOND LOG

27. WAS WELL CORRED

No

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#	299 FT.	13-3/4"	250 SACKS	NONE
7-5/8"	26.40#	3797 FT.	9-7/8"	1ST STAGE CEMENTED 8/650	CU. FT. CMT.
STAGE COLLAR SET AT 1915 FT. 2ND STAGE CEMENTED 8/800				CU. FT. CEMENT	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3670	7992	1050 CU. FT.		1 1/2" I.J.	3580 (PICTURED CLIFFS)	
					1 1/2" FUE	7709	7701 (DAKOTA)

31. PERFORATION RECORD (Interval, size and number)

PICTURED CLIFFS: 1 SHOT/FT. 3558 - 3564,
3590 - 3622 TOTAL 40 HOLES, 0.48" HOLE SIZE
DAKOTA: 1 SHOT/FT. 7746 - 7764, 7773 - 7794,
7884 - 7904, 7926 - 7941. TOTAL OF 38 HOLES
0.45" HOLE SIZE

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3558 - 3622	55,000# SN. & 56,910 GALLONS WATER (PICTURED CLIFFS)
7746 - 7941	70,000# SN. & 87,060 GALLONS WATER (DAKOTA)

33.* PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
10-11-71	3 HOURS	3/4"	→		208 - DAKOTA		
10-18-71	3 HOURS	3/4"	→		290 - PICTURED CLIFFS		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
130	PACKER 803	→		1652 DAKOTA			
124				2317 PICTURED CLIFFS			

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

VENTED

TEST WITNESSED BY

KENNETH E. RIDDY

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.

SIGNED

GILBERT D. NOLAND, JR.

TITLE DRILLING SUPERINTENDENT

DATE NOVEMBER 12, 1971

*(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 38, 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	MEAS. DEPTH TOP TRUE VERT. DEPTH
				BASE OJO ALAMO	3253
				FRUITLAND	3451
				PICTURED CLIFFS	3554
				CLIFF HOUSE	5218
				POINT LOOKOUT	5690
				GALLUP	6893
				BASE GREENHORN	7715
				DAKOTA	7739