

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 _____		5. LEASE DESIGNATION AND SERIAL NO. CONTRACT #104	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other 3L		6. IF INDIAN, ALLOTTEE OR TRIBE NAME JICARILLA APACHE	
2. NAME OF OPERATOR SOUTHERN UNION PRODUCTION COMPANY		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 808, FARMINGTON, New Mexico 87401		8. FARM OR LEASE NAME JICARILLA ME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1135/NORTH LINE AND 1605/EAST LINE At top prod. interval reported below SAME AS ABOVE At total depth SAME AS ABOVE		9. WELL NO. 9	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT TAPACITS PICTURED CLIFFS BASIN DAKOTA	
15. DATE SPUDDED 6/12/68		11. SEC., T., R., M., OR BLOCK AND SURVEY Sec. 16, T-28N, R-4W, N.M.P.M.	
16. DATE T.D. REACHED 6/22/68		12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 7/14/68		13. STATE NEW MEXICO	
18. ELEVATIONS (DR, RKB, RT, GE, ETC.)* 7124 FT. R.K.B.		19. ELEV. CASINGHEAD 7111	
20. TOTAL DEPTH, MD & TVD 8222 FT. R.K.B.		21. PLUG, BACK T.D., MD & TVD 8196 FT. R.K.B.	
22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERVALS DRILLED BY 0 - 8222	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3804 - 3826 PICTURED CLIFFS MD&TVD 7987 - 8174 DAKOTA MD&TVD		25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN E.S. INDUCTION, DENSITY, GAMMA RAY CORRELATION, CEMENT BOND LOG		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
10-3/4"	32.75	385	13-3/4"
7-5/8"	26.40	4034	9-7/8"
4-1/2"	10.50	3890 Top	6-3/4"
8220 BOTTOM			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4-1/2"	3890	8220	900 CU.FT.
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
1 1/2" I.J.	3810' R.K.B.	7900 FT. R.K.B.	
2-3/8" EUE	7904' R.K.B.		
31. PERFORATION RECORD (Interval, size and number)			
PICTURED CLIFFS: 1 SHOT/FT. 3804-3826 0.48" HOLE SIZE			
DAKOTA: 1 SHOT/FT. 7987-7991, 7998-8018, 8120-8137, 8160-8174. 0.48" HOLE SIZE			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3804-3826		60,000# SAND & 40,320 GALS. WTR.	
7987-8174		120,000# SAND, 2,000# GLASS BEADS & 78,176 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
8/3/68 8/12/68	3 3	3/4"	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.
118	PACKER 285		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY	
VENTED		KENNETH E. ROBBY	
35. LIST OF ATTACHMENTS			
36. I hereby certify that the information attached is complete and correct as determined from all available records			
SIGNED B. R. VANDERSLICE		TITLE AREA SUPERINTENDENT	
DATE 9/2/68			

*(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.	NAME	LOGIC MARKERS	
					MEAS. DEPTH	TRUE VERT. DEPTH
				PICTURED CLIFFS	3804	
				CLIFF HOUSE	5450	
				POINT LOOKOUT	5943	
				GALLUP	7165	
				BASE GREENHORN	7954	
				DAKOTA	7977	