

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 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						U.S. GEOLOGICAL SU	
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 1650 FT. FROM SOUTH LINE & 995 FT. FROM EAST 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 RIO ARriba		13. STATE NEW MEXICO	
15. DATE SPUDDED 7/22/68	16. DATE T.D. REACHED 7/31/68	17. DATE COMPL. (Ready to prod.) 8/23/68	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6684 FT. R.K.B.		19. ELEV. CASINGHEAD 6673		
20. TOTAL DEPTH, MD & TVD 7540 FT. R.K.B.	21. PLUG, BACK T.D., MD & TVD 7504 FT. R.K.B.	22. IF MULTIPLE COMPL., HOW MANY* 2	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0-7540	CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3064-3130 PICTURED CLIFFS MDTVD 7274-7498 DAKOTA MDTVD					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	CEMENTING RECORD		AMOUNT PULLED	
10-3/4"	32.75	320	13-3/4"	225 SACKS		NONE	
7-5/8"	26.40	3319	9-7/8"	1058 CU. FT.		NONE	
4-1/2"	10.50	3165 TOP 7538 BOTTOM	6-3/4"	975 CU. FT.		NONE	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3165	7538	900 CU. FT. & 75 SACKS		1 1/2" I.J.	3099 FT. RKB	7206 FT. RKB
					1 1/2" EVE	7210 FT. RKB	
31. PERFORATION RECORD (Interval, size and number) PICTURED CLIFFS: 1 SHOT/FT. 3064-3072, 3076-3090, 3120-3130. 0.48" HOLE SIZE. DAKOTA: 2 SHOTS/FT. 7274-7286; 1 SHOT/FT. 7402-7420, 7434-7440, 7446-7452, 7488-7498. 0.48" HOLE SIZE.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
				3064-3130	75,000# SAND & 38,136 GAL. WTR.		
				7274-7498	105,000# SAND, 2,000# GLASS BEADS, 83,202 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 9/5/68 9/12/68	HOURS TESTED 3 3	CHOKER SIZE 3/4" 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 327 - DAKOTA 351 - PICTURED CLIFFS	GAS—CF. 327 - DAKOTA 351 - PICTURED CLIFFS	WATER—BBL. 327 - DAKOTA 351 - PICTURED CLIFFS	GAS-OIL RATIO
FLOW TUBING PRESS. 210 225	CASING PRESSURE PACKER 652	CALCULATED 24-HOUR RATE →	OIL—BBL. 327 - DAKOTA 351 - PICTURED CLIFFS	GAS—MCF. 327 - DAKOTA 351 - PICTURED CLIFFS	WATER—BBL. 327 - DAKOTA 351 - PICTURED CLIFFS	OIL GRAVITY-API (CORR.)	
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 information is complete and correct as determined from all available records SIGNED B. R. VANDERSLICE TITLE AREA SUPERINTENDENT DATE SEPTEMBER 13, 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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				PICTURED CLIFFS	3063	
				CLIFF HOUSE	4715	
				POINT LOOKOUT	5190	
				GALLUP	6318	
				BASE GREENHORN	7249	
				TAKOTA	7275	