

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. S.F. 078384	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR SOUTHERN UNION PRODUCTION COMPANY		7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR P. O. Box 808, FARMINGTON, NEW MEXICO		8. FARM OR LEASE NAME NEWBOM	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1595 FT. FROM NORTH LINE AND 1815 FT. FROM EAST LINE At top prod. interval reported below SAME AS ABOVE At total depth SAME AS ABOVE		9. WELL NO. 9-8	
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA & BLANCO	
15. DATE SPUNDED 11/28/64		11. SEC. T, R., M., OR BLOCK AND SURVEY OR AREA SEC. 7, T-26-N, R-8-W, N.M.P.M.	
16. DATE T.D. REACHED 12/14/64		12. COUNTY OR PARISH SAN JUAN	
17. DATE COMPL. (Ready to prod.) 12/21/64		13. STATE NEW MEXICO	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6235 FT. D.F.		19. ELEV. CASINGHEAD 6224 FT.	
20. TOTAL DEPTH, MD & TVD 6680 MD - TVD		21. PLUG, BACK T.D., MD & TVD 6625 MD - TVD	
22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERVALS DRILLED BY 0-6680	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4276 - 4360 MD & TVD-MESAVERDE 6340 - 6560 MD & TVD-DAKOTA		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN INDUCTION-ELECTRIC LOG, 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
8-5/8"	24.0#	315	12-1/4"
9-1/2"	17.0#	6680	7-7/8"
CEMENTING RECORD			
225 SACKS			
1ST STAGE CEMENTED W/325 CU.FT. CEMENT			
STAGE COLLAR AT 4647 FT. UNDER MESAVERDE CEMENTED W/425 CU.FT. CEMENT.			
STAGE COLLAR AT 2139 FT. UNDER PICTURED CLIFF CEMENTED TO SURFACE W/850 CU.FT. CEM.			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
1-1/4"	4311 FT.	MESAVERDE	
1-1/2"	6672 FT.	6200 FT. DAKOTA	
31. PERFORATION RECORD (Interval, size and number) 1/FT. 4276-86, 4290-94, 4297-4302, 4304-09, 4315-23, 4333-43 & 4354-60. PERF. DAKOTA 1/FT. 6340-48, 6359-63, 6391-96, 6412-17, 6424-34, 6441-48, 6452-60, 6478-86, 6498-6504, 6531-36, 6550-60, 1/FT. 6554-56, ALL PERFS. 0.50" HOLE SIZE.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4276-4360		SAND FRAC W/80,000# SAND & 68,000 GAL. WATER, 40 TONS CO₂	
6340-6560		SAND FRAC W/95,000# SAND & 134,380 GAL. WATER, 40 TONS CO₂	
33.* PRODUCTION			
DATE FIRST PRODUCTION _____		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____	
DATE OF TEST 2/3/65 1/21/65		WELL STATUS (Producing or shut-in) SHUT-IN	
HOURS TESTED 3 HRS. 3 HRS.	CHOKE SIZE 3/4" 3/4"	PROD'N. FOR TEST PERIOD 25 682	GAS—MCF. 25 682
FLOW. TUBING PRESS. 485 450	CASING PRESSURE 8.5	OIL—BBL. 281 5448	WATER—BBL. MESAVERDE DAKOTA
CALCULATED 24-HOUR RATE 281 5448		OIL GRAVITY-API (CORR.) 281 5448	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED			
35. LIST OF ATTACHMENTS VERNE ROCKHOLD			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED GILBERT D. NOLAND, JR.		TITLE DRILLING SUPERINTENDENT	
DATE FEBRUARY 16, 1965			

* (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	TRUE VERT. DEPTH
				WASATCH	SURF	
				KIRTLAND	1315	
				FRUITLAND	1735	
				PICTURED CLIFFS	1963	
				LEWIS	2100	
				MESAVERDE	3525	
				HANCOS	4570	
				DAKOTA	6340	
				MORRISON	6614	