

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						5. LEASE DESIGNATION AND SERIAL NO. SF 078432	
3. ADDRESS OF OPERATOR P. O. Box 808, FARMINGTON, NEW MEXICO 87401						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790 FT. FROM THE NORTH LINE AND 1890 FT. FROM EAST LINE. At top prod. interval reported below SAME AS ABOVE At total depth SAME AS ABOVE						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						8. FARM OR LEASE NAME HODGES	
DATE ISSUED						9. WELL NO. 15	
15. DATE SPUDDED 11/11/67						10. FIELD AND POOL, OR WILDCAT BARIN DAKOTA	
16. DATE T.D. REACHED 11/25/67						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 27, T-26N, R-8E, N.M.P.M.	
17. DATE COMPL. (Ready to prod.) 12/8/67						12. COUNTY OR PARISH SAN JUAN	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6948 R.K.B.						13. STATE NEW MEXICO	
19. ELEV. CASINGHEAD 6936						20. TOTAL DEPTH, MD & TVD 7274 FT. MD&TVD	
21. PLUG, BACK T.D., MD & TVD 7255 FT. MD&TVD						22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY 0-7274						ROTARY TOOLS 0-7274	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7026 - 7244 DAKOTA, MD&TVD						CABLE TOOLS	
25. WAS DIRECTIONAL SURVEY MADE No						26. TYPE ELECTRIC AND OTHER LOGS RUN E. S. INDUCTION, DENSITY, GAMMA RAY CORRELATION & CEMENT BOND	
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	
8-5/8"	24.00	438	12-1/4"	225 BAGS REGULAR	NONE		
4-1/2"	10.50	7273	7-7/8"	1ST STAGE W/700 CU.FT.	NONE		
CLASS "C", 2ND STAGE W/950 CU.FT. CLASS "C", 3RD STAGE W/1200 CU.FT. CLASS "C"							
STAGE COLLARS AT 2916 & 5345 FT.							
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1-1/2" E.U.E.	7143 FT.	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
1 SHOT PER FOOT 7170-7176, 7194-7206, 7210-7244.				DEPTH INTERVAL (MD)			
2 SHOTS PER FOOT 7026-7036 AND 7092-7100				7170 - 7244			
				7026 - 7100			
				AMOUNT AND KIND OF MATERIAL USED			
				65,000# SAND, 1000# GLASS BEADS, & 69,190 GALLONS 1% KCL WATER			
				30,000# SAND, 1000# GLASS BEADS, & 29,110 GALLONS 1% KCL WATER			
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—BBL.	GAS—MCF.	WATER—BBL.
12/20/67	3	3/4"	—	—	—	325	—
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
210	1099	—	—	2,600	—	—	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED							
35. LIST OF ATTACHMENTS							
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 **DECEMBER 22, 1967**

*(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 report 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	TRUE VERT. DEPTH
				PICTURED CLIFFS	2682	
				CLIFF HOUSE	4233	
				POINT LOOKOUT	4973	
				GALLUP	6180	
				BASE GREENHORN	6985	
				DAKOTA	7024	