

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other RECEIVED				5. LEASE DESIGNATION AND SERIAL NO. SE 078432	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other JAN 1 1967				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 87401				8. FARM OR LEASE NAME HENDER	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790 FT. FROM NORTH LINE AND 790 FT. FROM WEST LINE At top prod. interval reported below SAME AS ABOVE At total depth SAME AS ABOVE				9. WELL NO. 10	
14. PERMIT NO.				10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA	
DATE ISSUED				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 28, T-26N, R-8W, N.M.P.M.	
15. DATE SPUDDED 12/14/66		16. DATE T.D. REACHED 12/24/66		12. COUNTY OR PARISH	
17. DATE COMPL. (Ready to prod.) 12/30/66		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6468 R.K.B.		13. STATE	
19. ELEV. CASINGHEAD 6456		20. TOTAL DEPTH, MD & TVD 6868 MD&TVD		21. PLUG, BACK T.D., MD & TVD 6850 MD&TVD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 6-6868		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6596 - 6794 MD&TVD (DAKOTA)	
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)	
B-5/8		24.0		309	
4-1/2		10.50		6856	
CEMENTED W/750 CU. FT., 3RD STAGE CEMENTED W/1100 CU. FT. TAILED IN W/100 BL. REGULAR CLASS "C". STAGE COLLARS @ 2327 & 4835 FT.		HOLE SIZE		CEMENTING RECORD	
		12-1/4		290 BL.	
		7-7/8		1ST STAGE CEMENTED W/600 CU. FT., 2ND STAGE CEMENTED W/750 CU. FT., 3RD STAGE CEMENTED W/1100 CU. FT. TAILED IN W/100 BL. REGULAR CLASS "C". STAGE COLLARS @ 2327 & 4835 FT.	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
1 1/2 ELU		6715 FT.			
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
1 1/2 ELU		6715 FT.			
31. PERFORATION RECORD (Interval, size and number) PERFS 2/FT. 6753-59, 6767-94, 2/FT. 6596-6604, 6670-79, 6691-96					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
6753-6794		SAND FRAC W/40.00% SAND & 47.320 OF 0.8% KCL WATER			
6596-6606		SAND FRAC W/55.00% SAND, 500# GLASS BEADS & 56,250 GAL OF 0.8% KCL WATER			
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
1/12/67		3			420
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
274		1010		3329	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED					
TEST WITNESSED BY KENNETH E. ROBBY					
35. LIST OF ATTACHMENTS					
36. I hereby certify that the data and attached information is complete and correct as determined from all available records					
SIGNED GILBERT D. NOLAND, JR. TITLE DRILLING SUPERINTENDENT DATE JANUARY 16, 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 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.

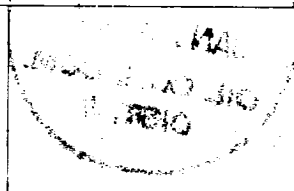
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate 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.	38. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH TRUE VERT. DEPTH
				BASE QUO ALAMO	1558
				PIGOUTRED CLIFFS	2200
				CLIFF HOUSE	3760
				POINT LOOKOUT	4535
				GALLUP	5642
				BASE GREENMOUNT	6560
				DAKOTA	6592