

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

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. SF 078431	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESYR. ☐ 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 87401		8. FARM OR LEASE NAME NICKSON	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1450 FT. FROM SOUTH LINE AND 1760 FT. FROM THE EAST LINE At top prod. interval reported below SAME AS ABOVE At total depth SAME AS ABOVE		9. WELL NO. 15	
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA	
15. DATE SPUDDED 10/27/67		11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA SEC. 23, T-26N, R-8W, N.M.P.M.	
16. DATE T.D. REACHED 11/10/67		12. COUNTY OR PARISH SAN JUAN	
17. DATE COMPL. (Ready to prod.) 12/20/67		13. STATE NEW MEXICO	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6384 FT. R.K.B.		19. ELEV. CASINGHEAD 6373	
20. TOTAL DEPTH, MD & TVD 6724 MD&TVD		21. PLUG, BACK T.D., MD & TVD 6705 FT. MD&TVD	
22. IF MULTIPLE COMPL., HOW MANY* _____		23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0-6724 CABLE TOOLS _____	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6484 - 6680 DAKOTA (MD&TVD)		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN E.S. INDUCTION, DENSITY, GAMMA RAY CORRELATION, AND 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
8-5/8"	24.00	333	12-1/4"
4-1/2"	10.50	6723	7-7/8"
CEMENTING RECORD			
225 BAGS REGULAR			
1ST STAGE W/700 CU.FT.			
CLASS "C", 2ND STAGE W/950 CU.FT. CLASS "C", 3RD STAGE W/1100 CU.FT. CLASS "C". 5 STAGE COLLARS SET AT 2395 FT. AND 4876 FT. R.K.B.			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
1-1/2" E.U.E.	6625		
31. PERFORATION RECORD (Interval, size and number)			
1 SHOT PER FT. 6624-6630, 6640-6666, & 6670-6680.			
1 SHOT PER FT. 6484-6496, 6548-6560, 6566-6570, & 6574-6578.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
6624-6680		60,000# SAND, 1,000# GLASS BEADS, & 81,200 GAL. 1% KCL WATER.	
6484-6578		40,000# SAND, 1,000# GLASS BEADS, & 36,870 GAL 1% KCL WATER.	
33.* PRODUCTION			
DATE FIRST PRODUCTION _____		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____	
DATE OF TEST 1/9/68		WELL STATUS (Producing or shut-in) SHUT-IN	
HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD _____	
FLOW. TUBING PRESS. 175	CASING PRESSURE 907	OIL—BBL. _____	GAS—MCF. 273
CALCULATED 24-HOUR RATE _____	OIL—BBL. _____	GAS—MCF. 2,183	WATER—BBL. _____
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 and attached information is complete and correct as determined from all available records			
SIGNED GILBERT D. NOLAND, JR.		TITLE DEPUTY SUPERINTENDENT	
DATE JANUARY 11, 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	2175	
				CLIFF HOUSE	3725	
				POINT LOOKOUT	4448	
				GALLUP	5545	
				BASE GREENHORN	6444	
				DAKOTA	6483	