

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. SF 078432	
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 87401		8. FARM OR LEASE NAME HODGES	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 815 FT. FROM THE SOUTH LINE AND 1540 FT. FROM THE EAST LINE. At top prod. interval reported below SAME AS ABOVE. At total depth SAME AS ABOVE.		9. WELL NO. 14	
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. 21, T-26N, R-8W, N.M.P.M.	
15. DATE SPUDDED 9/20/67		12. COUNTY OR PARISH SAN JUAN	
16. DATE T.D. REACHED 10/3/67		13. STATE NEW MEXICO	
17. DATE COMPL. (Ready to prod.) 10/20/67		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6501 R.K.B.	
19. ELEV. CASINGHEAD 6490		20. TOTAL DEPTH, MD & TVD 6865 MD&TVD	
21. PLUG, BACK T.D., MD & TVD 6834 MD&TVD		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY ROTARY TOOLS 0-6865		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6618 - 6832 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.	
8-5/8"		24.00	
4-1/2"		10.50	
CU.FT., 2ND STAGE CEMENTED W/900 CU.FT., 3RD STAGE CEMENTED W/1200 CU.FT.; STAGE COLLARS SET AT 2400 FT. & 4805 FT. R.K.B.		DEPTH SET (MD)	
		336	
		6864	
		7-7/8"	
		250 SACKS	
		1ST STAGE CEMENTED W/700	
		NONE	
		NONE	
29. LINER RECORD		30. TUBING RECORD	
SIZE		SIZE	
TOP (MD)		DEPTH SET (MD)	
BOTTOM (MD)		PACKER SET (MD)	
SACKS CEMENT*		1 1/2" E.U.E.	
SCREEN (MD)		6726	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1 SHOT PER FOOT 6758-6764, 6771-6790, 6794-6798, 6809-6822, 6828-6832, 6618-6628, 6683-6692, AND 6698-6703.		DEPTH INTERVAL (MD)	
		6758-6832	
		6618-6703	
		AMOUNT AND KIND OF MATERIAL USED	
		55,000# SAND, 1000# GLASS BEADS, & 77,318 GAL. OF 1% KCL WATER	
		40,000# SAND, 1000# GLASS BEADS, & 55,000 GAL. OF 1% KCL WATER.	
33.* PRODUCTION		WELL STATUS (Producing or shut-in) SHUT-IN.	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
11/3/67		3	
CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO	
288		436	
FLOW, TUBING PRESS.		CASING PRESSURE	
288		1138	
CALCULATED 24-HOUR RATE		OIL—BBL. GAS—MCF. 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 true and correct as determined from all available records	
SIGNED GILBERT D. NOLAND, JR.		TITLE DRILLING SUPERINTENDENT	
DATE NOVEMBER 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 53, 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.

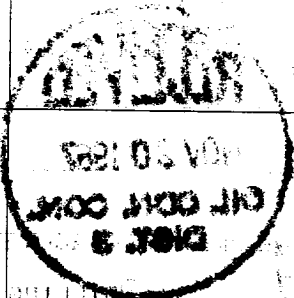
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state 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	2210	
				CLIFF HOUSE	3805	
				POINT LOOKOUT	4540	
				GALLUP	5675	
				BASE GREENHORN	6580	
				DMKQTA	6616	