

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. ESRV. ☐	Other ☐				
2. NAME OF OPERATOR SOUTHERN UNION PRODUCTION COMPANY						U. S. GEOLOGICAL SURVEY DURANGO, COLO.					
3. ADDRESS OF OPERATOR P. O. Box 808, FARMINGTON, NEW MEXICO 87401											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1625 FT. FROM SOUTH LINE & 915 FT. FROM THE WEST LINE. At top prod. interval reported below SAME AS ABOVE At total depth SAME AS ABOVE											
14. PERMIT NO.				DATE ISSUED							
15. DATE SPUDDED 7/27/69		16. DATE T.D. REACHED 8/13/69		17. DATE COMPL. (Ready to prod.) 9/9/69		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6700 FT. R.K.B.		19. ELEV. CASINGHEAD 6689			
20. TOTAL DEPTH, MD & TVD 7835 FT. R.K.B.		21. PLUG BACK T.D., MD & TVD 7813 FT. R.K.B.		22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERVALS DRILLED BY →		ROTARY TOOLS 0 - 7835			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5032-5148 FT. MD & TVD (BLANCO MESAVERDE) 7624-7808 FT. MD & TVD (BASIN DAKOTA)								25. WAS DIRECTIONAL SURVEY MADE No			
26. TYPE ELECTRIC AND OTHER LOGS RUN CEMENT BOND, E. S. INDUCTION, TEMPERATURE & DENSITY LOGS								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	
10-3/4"		32.75#		313		13-3/4"		250 SACKS		NONE	
7-5/8"		26.40#		3597		9-7/8"		600 CU.FT.		NONE	
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE	
5-1/2"		3416		7834		700 CU.FT.				1 1/2" IJ	
										1 1/2" EUE	
31. PERFORATION RECORD (Interval, size and number) MESAVERDE: 1 SHOT/FT. 5032-5046, 5086-5104, 5110-5128, 5134-5139, 5144-5148; HOLE SIZE 0.52". DAKOTA: 1 SHOT/FT. 7724-7746, 7770-7782, 7803-7808, 7624-7640; HOLE SIZE 0.52".										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED					
5032-5148						30,000#20/40 SAND, 50,000#10/20 SAND, 62,580 GAL. BTR. (L.V.)					
7624-7808						70,000#20/40 SAND, 30,000#10/20 SAND, 115,064 GAL. BTR. (DAKOTA)					
33.* PRODUCTION										1500# GLASS BEADS	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)			
								SHUT-IN			
DATE OF TEST 9/23/69		HOURS TESTED 3		CHECK SIZE 3/4"		PROD'N. FOR TEST PERIOD →		OIL—BBL. 319 (MESAVERDE)		WATER—BBL. 231 (DAKOTA)	
FLOW. TUBING PRESS. 959		CASING PRESSURE 958		CALCULATED 24-HOUR RATE →		OIL—BBL. 2547 (MESAVERDE)		GAS—MCF. 1833 (DAKOTA)		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 Original signed by SIGNED GILBERT D. NOLAND, JR. GILBERT D. NOLAND, JR. DIST. DRILLING SUPERINTENDENT DATE 10/13/69											

* (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
				PICTURED CLIFFS	3367	
				CLIFF HOUSE	5030	
				POINT LOOKOUT	5555	
				CALLUP	6765	
				CASE GREENMORN	7572	
				DAKOTA	7622	