

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions 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. RESER. ☐	Other ☐
2. NAME OF OPERATOR SOUTHERN UNION PRODUCTION COMPANY							
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 1450 FT./SOUTH LINE & 2140 FT./WEST LINE. At top prod. interval reported below SAME AS ABOVE At total depth SAME AS ABOVE							
14. PERMIT NO.		DATE ISSUED DEC 27 1971					
15. DATE SPUDDED 10-23-71		16. DATE T.D. REACHED 11-9-71		17. DATE COMPL. (Ready to prod.) 12-3-71		18. ELEVATIONS (DF, REB, RT, GE, ETC.) 6967 FT. R.K.B.	
20. TOTAL DEPTH, MD & TVD 7770 FT.		21. PLUG, BACK T.D., MD & TVD 7733 FT.		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS 0-7770	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7464 - 7670 MD AND TVD (DAKOTA)						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN E. S. INDUCTION, DENSITY, CORRELATION, CEMENT BOND						27. WAS WELL CORED	
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"	26.0#	294 FT.	12-1/4"	250 BAGS		None	
4-1/2"	10.5#	7769 FT.	7-7/8"	1ST STAGE CEMENTED W/1300 GN. FT. CEMENT.			
STAGE COLLAR SET AT 4392 FT.				2ND STAGE CEMENTED W/1500 GN. FT.			
29. LINER RECORD							30. TUBING RECORD
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8" BLUE	7618 FT.	
31. PERFORATION RECORD (Interval, size and number) PERF: 1 SHOT/FT. 7464 - 7476 FT. 7600-7616 FT. 7646-7658 FT. AND 7664-7670 FT. TOTAL OF 50 HOLES 0.42" HOLE SIZE				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
				7464-7670	GAS FRAC W/30,954 GALLONS GAS FRAC 111 AND 21,500# SAND.		
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-17-71		3 HOURS				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-17-71	3 HOURS	3/4"	→		86		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY API (CORR.)	
48	210	→		687		N.M.P.M.	
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		Dan R. Collier		TITLE		OFFICE MANAGER	
DAN R. COLLIER				DATE		DECEMBER 22, 1971	

*(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
				BASE QJO ALAMO PICTURED CLIFFS CHACRA CLIFF HOUSE POINT LOOKOUT GALLUP BASE GREENHORN DAKOTA	2956 3280 4175 4978 5600 6636 7437 7463	