

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

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐				5. LEASE DESIGNATION AND SERIAL NO. Contract #100			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache			
2. NAME OF OPERATOR Southern Union Production Company				7. UNIT AGREEMENT NAME			
3. ADDRESS OF OPERATOR P.O. Box 806, Farmington, New Mexico 87401				8. FARM OR LEASE NAME Jicarilla "B"			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1190 ft. from the North line & 1190 ft. from the East line At top prod. interval reported below Same as above At total depth Same as above				9. WELL NO. 11			
14. PERMIT NO.				DATE ISSUED JAN 8 1973			
15. DATE SPUNDED 10-24-72				16. DATE T.D. REACHED 11-13-72			
17. DATE COMPL. (Ready to prod.) 11-30-72				18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7155 ft. R.A.B.			
19. ELEV. CASINGHEAD 7144 ft.				20. TOTAL DEPTH, MD & TVD 6065 ft. R.A.B.			
21. PLUG, BACK T.D., MD & TVD 6045 ft. R.A.B.				22. IF MULTIPLE COMPL., HOW MANY* 2			
23. INTERVALS DRILLED BY 0 - 6065 ft.				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3820 - 3840 ft. MD. & TVD. - Tapacito Pictured Cliffs 5942 - 6024 ft. MD. & TVD. - Blanco Mesaverde			
25. TYPE ELECTRIC AND OTHER LOGS RUN E.S. Induction, Gamma - Ray Density, & Cement Bond				26. WAS DIRECTIONAL SURVEY MADE NO			
27. WAS WELL CORED NO				28. CASING RECORD (Report all strings set in well)			
CASINO SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED
9-5/8"		32.30%	269 ft.	13-3/4"	225 Sacks		None
7"		23.0%	4048 ft.	8-3/4"	1st stage cemented w/500 cu. ft. cement.		
4-1/2"		10.50%	6050 ft.	6-1/4" (Liner)	2nd stage cemented w/600 cu. ft. cement.		
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3888 ft.	6050 ft.	500 cu. ft. cement.		1-1/2" HT	5850 ft.	5850 ft. (Mesaverde)
					1-1/2" LD	3844 ft.	Pictured Cliffs)
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
Pictured Cliffs: 1 shot/ft. 3820 - 3840 ft. Total 21 Holes				DEPTH INTERVAL (MD)			
Mesaverde: 1 shot/ft. 5942 - 5956, 5962 - 5980, 5986 - 6010, 6014 - 6024 Total 70 Holes				AMOUNT AND KIND OF MATERIAL USED			
				3820 - 3840 ft. 60,000# sand & 60,000 gallons wtr (Pictured Cliffs)			
				5942 - 6024 ft. 100,000# sand & 100,000 gal. wtr. (Mesaverde)			
33.* PRODUCTION				34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)		TEST WITNESSED BY	
12-19-72		3 Hours		95 Mesaverde		Kenneth E. Reddy	
12-26-72		3 Hours		50 Pictured Cliffs			
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL GRAVITY-API (CORR.)	
52		Packer		740 (Mesaverde)			
180		671		2508 (Pictured Cliffs)			
35. LIST OF ATTACHMENTS Vented				36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Don R. Collier				TITLE Office Manager			
Original signed by				U. S. GEOLOGICAL SURVEY			
				DATE January 4, 1973			

*(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 Cliff House Point LeChateau	3985 51.75 594.2	