

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. Contract #145	
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 808, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Jicarilla "X"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1835 ft. from the South line and 934 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 NOV 10 1971	
15. DATE SPUDDED 8-17-71		16. DATE T.D. REACHED 9-6-71	
17. DATE COMPL. (Ready to prod.) 9-24-71		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6812 ft. R.K.B.	
19. ELEV. CASINGHEAD 6800 ft.		10. FIELD AND POOL, OR WILDCAT South Blanco Pictured Cliffs Basin Dakota	
20. TOTAL DEPTH, MD & TVD 7700 R.K.B.		21. PLUG, BACK T.D., MD & TVD 7642 R.K.B.	
22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERVALS DRILLED BY 0-7700 ft.	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3196-3206 ft. MD & TVD - So. Blanco Pictured Cliffs 7394-7584 ft. MD & TVD - Basin Dakota		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN E.S. Induction, Gamma-Ray Density, Cement Bond 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
8-5/8"	24.0#	315 ft.	12-1/4"
5-1/2"	15.50#	7690 ft.	7-7/8"
collar set at 5678 ft. 2nd stage cemented w/800 cu. ft. Stage collar set at 5380 ft. 3rd stage cemented w/1300 cu. ft.			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
1 1/2"	1184 ft. (Pictured Cliffs)		
1 1/2"	7446 ft.	7250 (Dakota)	
31. PERFORATION RECORD (Interval, size and number)			
Pictured Cliffs: 2 shot/ft. 3196 - 3206 ft.			
Total 21 holes. 0.48" hole size.			
Dakota: 1 shot/ft. 7394 - 7412 ft.			
7526-7548, 3 shot/ft. 7572-7582, 1 shot/ft.			
7582-7584, Total 78 Holes.			
Hole size 0.48"			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3196 - 3206		40,000# SA. & 36,000 Gal. water (Pictured Cliffs)	
7394 - 7584		90,000# SA. & 96,000 Gal. water (Dakota)	
33. PRODUCTION			
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	HOURS TESTED	CROWN SIZE	PROD'N. FOR TEST PERIOD
10-4-71	3	3/4"	
10-11-71	3	3/4"	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.
33	328		
316	Packer		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY	
Vented		Kenneth E.addy	
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 Drilling Superintendent	
		DATE November 8, 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 38, 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:			38. GEOLOGIC MARKERS	
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	NAME	MEAS. DEPTH TRUE VERT. DEPTH
			Base Ojo Alamo	2835
			Fruitland	3010
			Pictured Cliffs	3165
			Chacra	4095
			Cliff House	4887
			Point Lookout	5480
			Callap	6542
			Base Greenhorn	7368
			Dakota	7393