

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. RESVR. ☐	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 1850 ft./South line & 1190 ft./East line At top prod. interval reported below Same as above. At total depth Same as above							
14. PERMIT NO.		DATE ISSUED					
5. LEASE DESIGNATION AND SERIAL NO. Contract #105		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache					
7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Jicarilla "A"					
9. WELL NO. 16		10. FIELD AND POOL, OR WILDCAT Tapacito Pictured Cliffs					
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 13, T-26N, R-4W N.M.P.M.		12. COUNTY OR PARISH Rio Arriba		13. STATE New Mexico			
15. DATE SPUDDED 9-13-74	16. DATE T.D. REACHED 9-24-74	17. DATE COMPL. (Ready to prod.) 10-5-74	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6917 Gr.	19. ELEV. CASINGHEAD 6917			
20. TOTAL DEPTH, MD & TVD 3710 ft. R.K.B.	21. PLUG, BACK T.D., MD & TVD 3673 ft. R.K.B.	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY 0 - 3710 ft.	ROTARY TOOLS CABLE TOOLS			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3625 - 3656 ft. MD & TVD - Pictured Cliffs				25. WAS DIRECTIONAL SURVEY MADE No			
26. TYPE ELECTRIC AND OTHER LOGS RUN I.E.S., Density, Cement Bond and Correlation 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		
8-5/8"	28.0#	169 ft.	12-1/4"	115 sacks	None		
4-1/2"	10.5#	3709 ft.	7-7/8"	Stage Collar set at 2596 ft. R.K.B.			
Cemented 1st stage w/225 aks. Cemented 2nd stage w/430 sacks.							
29. LINER RECORD			30. TUBING RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1-1/2"	3592 ft.	
					EUE		
31. PERFORATION RECORD (Interval, size and number) Pictured Cliffs: 0.48" Hole size. 1 shot/ft. 3625 - 3656 ft. Total of 29 holes.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 3625 - 3656 AMOUNT AND KIND OF MATERIAL USED 50,000# sand & 54,000 gallons of water.			
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 10-22-74	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 247	GAS—MCF. 1977	WATER—BBL. 148	
FLOW. TUBING PRESS. 148	CASING PRESSURE 578	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 complete and correct as determined from all available records							
Original signed by SIGNED <u>Dan R. Collier</u> TITLE <u>Office Manager</u> DATE <u>10-26-74</u>							

*(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 Ojo Alamo	3300	
				Pictured Cliffs	3604	