

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. Company #105	
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 805, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Jicarilla #4	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1707 FT. FROM THE NORTH LINE & 1030 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	
15. DATE SPUDDED 10-10-73		16. DATE T.D. REACHED 10-27-73	
17. DATE COMPL. (Ready to prod.) 11-9-73		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6077 FT. R.K.B.	
19. ELEV. CASINGHEAD 6006 FT.		10. FIELD AND POOL, OR WILDCAT Tapadito Pictured Cliffs	
20. TOTAL DEPTH, MD & TVD 9870 FT. R.K.B.		21. PLUG BACK T.D., MD & TVD 3634 FT. R.K.B.	
22. IF MULTIPLE COMPL., HOW MANY? 2		23. INTERVALS DRILLED BY 0-2570	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3605-3634 FT. MD & TVD -- Tapadito Pictured Cliffs 5724-5792 FT. MD & TVD -- Blando Mesaverde		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN E.S. IMMERSION, Gamma-Ray Density, Gamma-Ray Correlation, Cement Bond		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"	14.00	233 FT.	12-1/4"
5-1/2"	19.90	5869 FT.	7-7/8"
1ST STAGE CEMENTED 11/520 ON FT. CEMENT. 2ND STAGE CEMENTED 11/400 ON FT. CEMENT. CEMENTED WITH 600 ON FT. CEMENT.		STAGE CEMENT SET AT 2214 FT. & 3705 R.K.B. 3RD STAGE	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
1 1/2" I.L.	3630 FT.	(Pictured Cliffs)	
1 1/2" E.I.L.	5726 FT.	5864 FT. (B.V.)	
31. PERFORATION RECORD (Interval, size and number) Pictured Cliffs 2 zones/ft. 3605-3634 FT. TOTAL OF 96 HOLES. 0.48" HOLE SIZE. Mesaverde 2 zones/ft. 5724-5740 FT. 5750-5776 FT. 5782-5792 FT. TOTAL OF 111 HOLES. 0.48" HOLE SIZE.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3605-3634		60,000# acid & 60,100 GALLONS OF WATER (Pictured Cliffs)	
5724-5792		90,000# acid & 90,300 GALLONS OF WATER (Mesaverde)	
33.* PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
WELL STATUS (Producing or shut-in)		DATE OF TEST	
HOURS TESTED		CHOKE SIZE	
PROD'N. FOR TEST PERIOD		OIL—BBL.	
GAS—MCF.		WATER—BBL.	
GAS-OIL RATIO		FLOW, TUBING PRESS.	
CASING PRESSURE		CALCULATED 24-HOUR RATE	
GAS—MCF.		WATER—BBL.	
OIL GRAVITY-API (CORR.)		TEST WITNESSED BY	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		VENTED	
35. LIST OF ATTACHMENTS		None	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
Original signed by		DATE	
SIGNED Dan R. Collier		November 29, 1973	
TITLE Office Manager			

*(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.

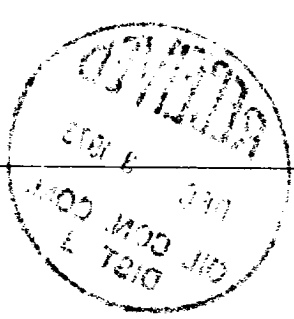
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal 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:			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 Q. 10 ALAMO	3513
			FRUITLAND	3468
			PIONEER Q. 1778	3578
			LEWIS SHALE	3635
			Q. 177 HORIZ	3651
			POINT LEBANON	3730