

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved,
Budget Bureau No. 42-R355.6.

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 Cotton Petroleum Corporation						5. LEASE DESIGNATION AND SERIAL NO. Contract No. 127	
3. ADDRESS OF OPERATOR 717 17th Street, Suite 2200, Denver, Colorado 80202						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL, 660' FWL At top prod. interval reported below At total depth Sec. 3. T 24N, R 4W						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						DATE ISSUED 7-19-78	
15. DATE SPUDDED 12-27-78						12. COUNTY OR PARISH Rio Arriba	
16. DATE T.D. REACHED 1-12-79						13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 5-4-79						19. ELEV. CASINGHEAD	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6768' GR						20. TOTAL DEPTH, MD & TVD 7414'	
21. PLUG, BACK T.D., MD & TVD 7363'						22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →						ROTARY TOOLS 0-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 7079'-7505' Gallup 6217'-6483'						25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, FDC/GR						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#		395'		12-1/4"	
4-1/2"		10.5#, 11.6#		7414'		7-7/8"	
						CEMENTING RECORD	
						250 sx to surf	
						stage 1 600 sx	
						stage 2 710 sxs	
						DV tool @ 4000'	
						AMOUNT PULLED	
						0	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
						SCREEN (MD)	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-3/8"		7281'		7245'			
31. PERFORATION RECORD (Interval, size and number)							
6217, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 6440, 43, 46, 49, 74, 77, 80, 83.							
7079, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 7102, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14.							
6217, 19, 21, 23, 25, 27, 39, 31, 33, 35, 37, 6440, 43, 46, 49, 74, 77, 80, 83.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
6217-6483				175,053 gal wtr, 150,000#sd			
7079-7114				82,768 gal wtr, 65,000#sd			
6217-6483				70,766 gal wtr, 54,000#sd			
33. PRODUCTION							
DATE FIRST PRODUCTION 5-20-79		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 5-25-79		HOURS TESTED 24		CHOKE SIZE 48/64		PROD'N. FOR TEST PERIOD →	
FLOW. TUBING PRESS. 60		CASING PRESSURE 0		CALCULATED 24-HOUR RATE →		OIL—BBL. 135	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						GAS—MCF. 100 Load	
35. LIST OF ATTACHMENTS						WATER—BBL. 100 Load	
						GAS-OIL RATIO 100	
						OIL—BBL. 100	
						GAS—MCF. 100	
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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
Gallup	6140'	6391'		Burro Canyon	7316'	
Dakota	7070'	7222'		Dakota	7070'	
				Graneros	7050'	
				Greenhorn	6990'	
				Gallup	6140'	
				Cliff House	4517'	
				Pictured Cliffs	2853'	