

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R555.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____										
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____								
2. NAME OF OPERATOR Cotton Petroleum Corporation						5. LEASE DESIGNATION AND SERIAL NO. Contract No. 127									
3. ADDRESS OF OPERATOR 1660 Lincoln Street 2502 Lincoln Street, Denver, Colorado 80264						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 1075'FNL, 1450'FEL At top prod. interval reported below At total depth same same						7. UNIT AGREEMENT NAME									
14. PERMIT NO.						DATE ISSUED									
15. DATE SPUDDED 7-10-77		16. DATE T.D. REACHED 7-14-77		17. DATE COMPL. (Ready to prod.) 9-6-77		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6927'DF, 6930'KB		19. ELEV. CASINGHEAD 6917'							
20. TOTAL DEPTH, MD & TVD 3275'		21. PLUG, BACK T.D., MD & TVD 3183'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →		ROTARY TOOLS X							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3078'-3119', Pictured Cliffs								25. WAS DIRECTIONAL SURVEY MADE No							
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, CNL - FDC								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"		24.0		134		12 1/4"		130 SXS.		None					
4 1/2"		10.50		3240		7-7/8"		122 SXS.		None					
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
None										1 1/4"		3087		None	
31. PERFORATION RECORD (Interval, size and number) 3078'-3081' 3096'-3108' (1 shot per foot) 3115'-3119'										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										3078'-3119'		53,200 gals water 60,000 lbs sand			
33. PRODUCTION															
DATE FIRST PRODUCTION waiting on pipeline		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing								WELL STATUS (Producing or shut-in) shut-in					
DATE OF TEST 9-20-77		HOURS TESTED 3		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD →		OIL—BBL. GAS—MCF. WATER—BBL.		OIL—BBL. GAS—MCF. WATER—BBL.		OIL—BBL. GAS—MCF. WATER—BBL.		OIL—BBL. GAS—MCF. WATER—BBL.	
FLOW. TUBING PRESS. 98 psig		CASING PRESSURE 730 psig		CALCULATED 24-HOUR RATE →		OIL—BBL. GAS—MCF. WATER—BBL.		OIL—BBL. GAS—MCF. WATER—BBL.		OIL—BBL. GAS—MCF. WATER—BBL.		OIL—BBL. GAS—MCF. WATER—BBL.		OIL—BBL. GAS—MCF. WATER—BBL.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented Shut in pressure-Tbg-1000 psig, Csg-1030psig										TEST WITNESSED BY					
35. LIST OF ATTACHMENTS For: Cotton Petroleum Corporation										RECEIVED					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records President, Walsh										SEP 21 1977					
SIGNED Ewell N. Walsh, P.E.										TITLE Engr. & Prod. Corp.					

\*(See Instructions and Spaces for Additional Data on Reverse Side)

U. S. GEOLOGICAL SURVEY  
WASHINGTON, D. C.

# 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
					TOP
					TRUE VERT. DEPTH
				Ojo Alamo	2253'
				Kirtland	2700
				Fruitland	2840
				Pictured Cliffs	3092
				Lewis	3193