

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 ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache											
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐				7. UNIT AGREEMENT NAME NA											
2. NAME OF OPERATOR Cotton Petroleum Corporation				8. FARM OR LEASE NAME Apache											
3. ADDRESS OF OPERATOR 3773 Cherry Creek Drive No #750, Denver, CO 80209				9. WELL NO. 153											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 410' FNL 2140' FEL At top prod. interval reported below At total depth				10. FIELD AND POOL, OR WILDCAT Lindrith Gallup Dakota W.											
14. PERMIT NO.				DATE ISSUED 11/8/85		12. COUNTY OR PARISH Rio Arriba		13. STATE NM							
15. DATE SPUDDED 11/23/85		16. DATE T.D. REACHED 12/8/85		17. DATE COMPL. (Ready to prod.) 12/25/86		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7077' GR		19. ELEV. CASINGHEAD							
20. TOTAL DEPTH, MD & TVD 7863'		21. PLUG, BACK T.D., MD & TVD 7816'		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)* 7674-7769' 7636-7489' Dakota								25. WAS DIRECTIONAL SURVEY MADE NO							
26. TYPE ELECTRIC AND OTHER LOGS RUN GR, DIGL, SDL-DSN								27. WAS WELL CORED							
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#		391'		12-1/4"		260 sxs Class B							
4-1/2"		10.5# 11.6#		7863'		7-7/8"		1st: 300 sxs Lite + 200 sxs Class H							
								2nd: 600 sxs Lite							
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE					
										2-3/8"					
										7461'					
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
7674-7769' w/l JSPF 7636-7489' w/l JSPF										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										7674-7769'		1700 gal 15% HCL			
										" "		85,000 gal gel + 123,000# sd			
										7636-7489'		110,000 gal gel + 185,000# sd			
33.* PRODUCTION															
DATE FIRST PRODUCTION 12/25/86		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping						WELL STATUS (Producing or shut-in) Producing							
DATE OF TEST 1/29/86		HOURS TESTED 24		CHOKE SIZE		PROD'N. FOR TEST PERIOD →		OIL—BBL. 25		GAS—MCF. 46		WATER—BEL. 5		GAS-OIL RATIO 1840	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE →		OIL—BBL. 148 25		GAS—MCF. 46		WATER—BEL. 5		OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold										TEST WITNESSED BY D. Mecham					
35. LIST OF ATTACHMENTS										ACCEPTED FOR RECORD					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.															
SIGNED <u>D.E. Wood/ty</u>				TITLE <u>Division Prod. Mgr.</u>				DATE <u>1/29/86</u>							

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

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 POROSITY 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
Pictured Cliffs	3350'					
Cliff House	5025'					
Point Lookout	5420'					
Gallup	6637'					
Dakota	7476'					