

**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 ☐	5. LEASE DESIGNATION AND SERIAL NO. Contract #127	
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESRV. ☐	Other ☐
2. NAME OF OPERATOR Cotton Petroleum Corporation						7. UNIT AGREEMENT NAME NA	
3. ADDRESS OF OPERATOR 717 17th Street, Suite 2200, Denver, CO 80202						8. FARM OR LEASE NAME Apache	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1900' FSL & 1660' FWL At top prod. interval reported below At total depth						9. WELL NO. 134	
14. PERMIT NO. 2-18-81						10. FIELD AND POOL, OR WILDCAT Lindriith Gallup Dakota West	
15. DATE SPUDDED 8-20-81						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 10 T24N-R4W	
16. DATE T.D. REACHED 9-4-81						12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 5-14-82						13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6752' KB						19. ELEV. CASINGHEAD 6744'	
20. TOTAL DEPTH, MD & TVD 7278'		21. PLUG, BACK T.D., MD & TVD 7240'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6150'-6162' Gallup						25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC, IEL-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	CEMENTING RECORD		AMOUNT PULLED	
8-5/8"	24#	306'	12-1/4"	216 sxs Class G, circ to surface			
4-1/2"	10.5#	7277'	7-7/8"	1st stage: 508 sxs Self-stress			
				2nd stage: 414 sxs Self-stress			
				DV tool set @ 4495'			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7021'	
31. PERFORATION RECORD (Interval, size and type)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
6150'-6162' w/2 JSPF				6150'-6162'			
				AMOUNT AND KIND OF MATERIAL USED			
				acidize w/2000 gal 15% HCL			
33.* BY <u>Howe</u> PRODUCTION							
DATE FIRST PRODUCTION 5-14-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 6-4-82	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 2	GAS—MCF. 6	WATER—BBL. 0	GAS-OIL RATIO 3000
FLOW. TUBING PRESS.	CASING PRESSURE 140	CALCULATED 24-HOUR RATE →	OIL—BBL. 2	GAS—MCF. 6	WATER—BBL. 0	OIL GRAVITY-API (CORR.) 43.1	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>[Signature]</u>		TITLE <u>Division Production Mgr.</u>				DATE <u>8-11-82</u>	

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

NMOCC

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.), for location 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
PICTURE CLIFFS	2808'	2910'	No Cores or DST's	OJO ALAMO	2451'	
MESAVERDE	4458'	5144'		FRUITLAND	2553'	
GALLUP	6150'	6290'		PICTURE CLIFFS	2808'	
DAKOTA	7050'	7246'		MESAVERDE	4458'	
				GALLUP	6150'	
				DAKOTA	7050'	