

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(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 #129	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR Cotton Petroleum Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 717 17th Street, Suite 2200, Denver, Colorado 80202		8. FARM OR LEASE NAME Apache	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1610' FWL and 1750' FSL Section 24 At top prod. interval reported below At total depth		9. WELL NO. #28	
14. PERMIT NO. _____ DATE ISSUED 3/10/80		10. FIELD AND POOL, OR WILDCAT South Blanco PC	
15. DATE SPUDDED 1-3-81		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 24-T24N-R4W	
16. DATE T.D. REACHED 1-8-91		12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 3-9-81		13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6978' KB, 6964' GL		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 4115'		21. PLUG, BACK T.D., MD & TVD 4071'	
22. IF MULTIPLE COMPL., HOW MANY* _____		23. INTERVALS DRILLED BY ROTARY TOOLS 0-TD CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* PC 2972'-3038'		25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL/CNL/FDC/GR		27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24#	383	12-1/4"
4-1/2"	10.5#	4113	7-7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	BACKS SET (MD)	
2.375	3063	NONE	
31. PERFORATION RECORD (Interval, size and number)			
PC 2974', 77', 79', 85', 91', 93', 3000', 04', 07', 13', 23', 25', & 32', total 13 holes.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
2974'-3032		Acid 1200 gal 15% HCL & Frac 77,010 gal 70 Q foam, 97,000# 10/20 sd.	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
3-9-81		3	
CHOKE SIZE .750		PROD'N. FOR TEST PERIOD	
OIL—BBL. 2230		GAS—MCF. 2230	
WATER—BBL.		OIL GRAVITY-API (CORR.)	
FLOW. TUBING PRESS. 171		CASING PRESSURE 596	
CALCULATED 24-HOUR RATE		OIL—BBL. 2230	
GAS—MCF. 2230		WATER—BBL.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY Joe Elledge	
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 D.E. Wood / DMJ		TITLE Division Production Manager	
DATE 2/20/81			

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

11MOC D

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 83, 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 85.

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	TRUE VERT. DEPTH
PC	2972'	3038'	Perf and test Chacra Perf 3833', 35', 37', 49', 50', 51', 3921', 23', 27', 39', 49', & 51', Total 12 holes Acidize w/1200 gal 15% HCL, frac w/65,000 gal 70Q foam + 84,000# 10/20 sand. Rec 957 BW cmt sq zone 2-13-81	Kirtland	2680'	
CHACRA	3820'	3962'		Fruitland	2814'	
				Picture Cliffs	2972'	
				Chacra	3820'	