

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 _____		
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 #129	
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 1850' FWL & 900' FNL At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						DATE ISSUED	
15. DATE SPUDDED 4-11-80						16. DATE T.D. REACHED 4-16-80	
17. DATE COMPL. (Ready to prod.) 5-15-80						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6869' GR	
19. ELEV. CASINGHEAD						20. TOTAL DEPTH, MD & TVD 4072'	
21. PLUG, BACK T.D., MD & TVD 4041'						22. IF MULTIPLE COMPL., HOW MANY* 2	
23. INTERVALS DRILLED BY →						ROTARY TOOLS 0-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Pictured Cliffs 2964-2996						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL CNL/FDC/GR						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8 "		24#		385'		12 1/4"	
4 1/2"		10.5#		4072'		7 7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TURBIDITY RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		3810' KB		3810' KB			
31. PERFORATION RECORD (Interval, size and number)							
Pictured Cliffs 2964-84 1 JSPF 2990-96 1 JSPF							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
2964-96				24,000# sd, 23,486 g 70% Foam			
33.* PRODUCTION							
DATE FIRST PRODUCTION 8/3/80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing up tbq-csg annulus				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 8/4/80		HOURS TESTED 24		CHOKE SIZE 3/4		PROD'N. FOR TEST PERIOD →	
				OIL—BBL. 0		GAS—MCF. 767	
				WATER—BBL. trace		GAS-OIL RATIO	
FLOW. TUBING PRESS. SI		CASING PRESSURE Flowing 50 PSI		CALCULATED 24-HOUR RATE →		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold							
35. LIST OF ATTACHMENTS NM C-102							
36. I hereby certify that the foregoing and attached information is correct and determined from all available records							
SIGNED <u>[Signature]</u>				BY <u>[Signature]</u> Division Production Manager			
				DATE 8-11-80			

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

NMOC 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 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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliff	2966'	2996'	Pictured Cliff	2960'	2960'

All distances must be from the outer boundaries of the Section.

Operator COTTON PETROLEUM CORPORATION		Lease APACHE		Well No. 29
Unit Letter C	Section 14	Township 24N	Range 4W	County Rio Arriba

Actual Footage Location of Well:

900 feet from the North line and 1850 feet from the West line

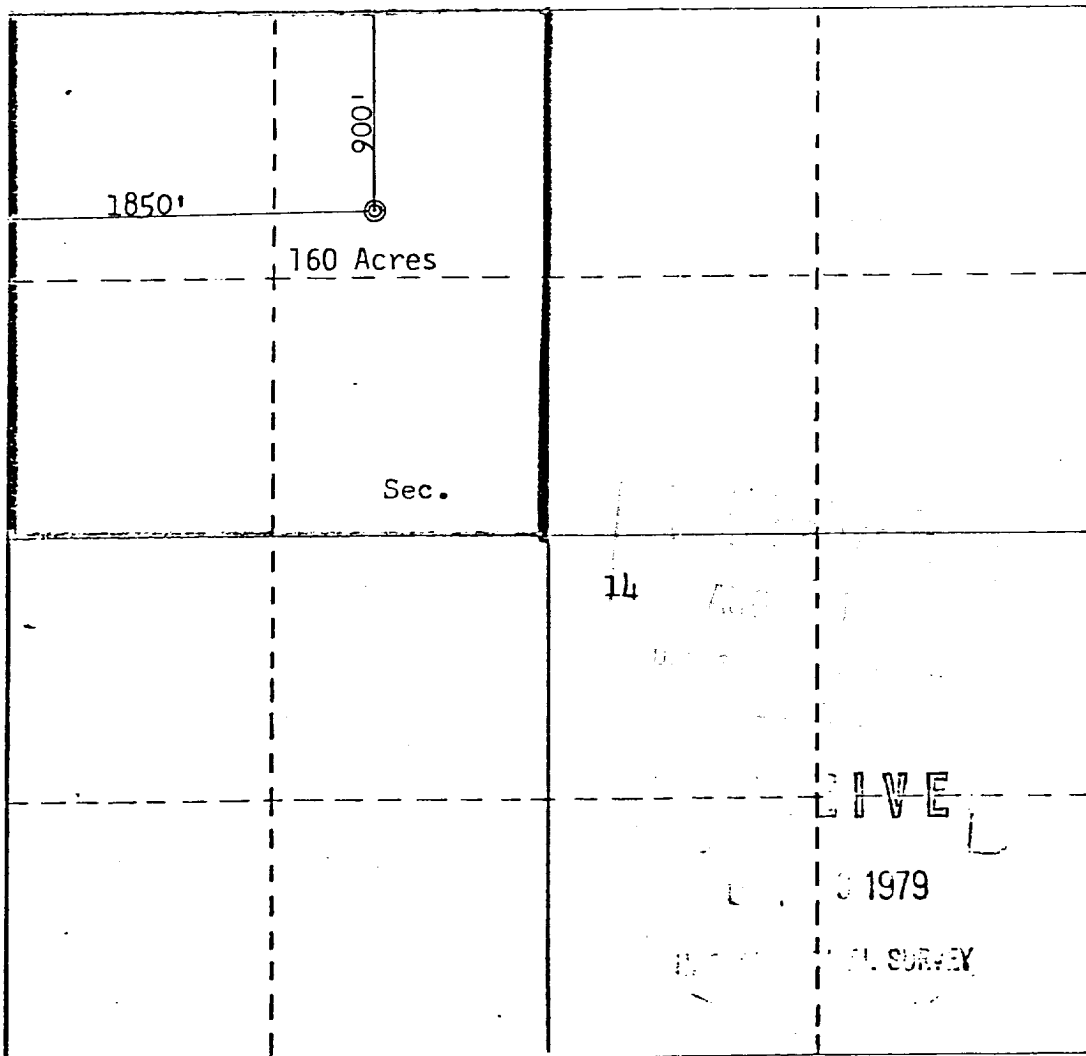
Ground Level Elev. 6869	Producing Formation Pictured Cliffs	Pool So. Blanco Pictured Cliffs	Dedicated Acreage: 160 Acres
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1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

D. E. Wood
D. E. Wood
Division Production Manager
Company
Cotton Petroleum Corporation

Date
October 23, 1979

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 23, 1979

Registered Professional Engineer and/or Land Surveyor

Frederick B. Kerr Jr.
Frederick B. Kerr Jr.

Certificate No. MEXICO
3950 B. KERR JR.