

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 _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR Cotton Petroleum Corporation						5. FARM OR LEASE NAME Apache	
3. ADDRESS OF OPERATOR 717 17th Street, Suite 2200, Denver, Colorado 80202						9. WELL NO. 113	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2010' FSL, 2070' FEL At top prod. interval reported below At total depth						10. FIELD AND POOL OR WILDCAT Lindrith Gallup Dakota West	
14. PERMIT NO.						DATE ISSUED 7-20-78	
15. DATE SPUDDED 4-26-79		16. DATE T.D. REACHED 5-13-79		17. DATE COMPL. (Ready to prod.) 5-27-79		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6947 GR	
20. TOTAL DEPTH, MD & TVD 7735'		21. PLUG, BACK T.D., MD & TVD 7660'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 7384'-7552'						25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN FDC, CNI/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	
8-5/8"		24#		381'		12-1/2"	
4-1/2"		10.5, 11.6#		7735'		7-7/8"	
						275 sacks to surf	
						stage 1 600 sacks	
						stage 2 700 sacks	
						DV tool @ 4298'	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
						SCREEN (MD)	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-3/8"		7510'		7201'			
31. PERFORATION RECORD (Interval, size and number)							
7384,86,88,90,92,94,96,98, 7400,06,08,10,12,14,16,18,20,22, 7434,36,38,40 7546,47,48,49,50,51,52. 7574,75,76,77,78,79,80,81,82,83,84,85,86.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
7384-7440				82,813 gal wtr 54,000# sd			
7546-7586				76,434 gal wtr 65,000# sd			
33.* PRODUCTION							
DATE FIRST PRODUCTION 6-7-79		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 6-10-79		HOURS TESTED 24		CHOKE SIZE 30/64"		PROD'N. FOR TEST PERIOD OIL—BBL. 97 GAS—MCF. 276	
FLOW. TUBING PRESS. 190		CASING PRESSURE		CALCULATED 24-HOUR RATE OIL—BBL. 97 GAS—MCF. 276		WATER—BBL. 100 Load OIL GRAVITY-API (CORR.) 46.0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY H. Davis	
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 <i>D. E. Woodson</i>		TITLE Division Production Manager DATE June 11, 1979					

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

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	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Dakota	7380'	7542'		Burro Canyon	7477'	
Gallup	6450'	6692'		Dakota	7380'	
				Graneros	7360'	
				Greenhorn	7300'	
				Gallup	6450'	
				Cliff House	4827'	
				Pictured Cliffs	3166'	