

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	
3. ADDRESS OF OPERATOR						1660 Lincoln Street, Suite 2502, Denver, Colorado 80264	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						At surface 2040' FNL, 945' FEL	
At top prod. interval reported below							
At total depth							
14. PERMIT NO.				DATE ISSUED			
				1-4-78			
5. LEASE DESIGNATION AND SERIAL NO.		Contract No. 126					
6. IF INDIAN, ALLOTTEE OR TRIBE NAME		Jicarilla Apache					
7. UNIT AGREEMENT NAME							
8. FARM OR LEASE NAME		Apache					
9. WELL NO.		106					
10. FIELD AND POOL OR WILDCAT		Lindrith Gallup-Dakota West					
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA		Sec. 1-T24N-R4W N.M.P.M.					
12. COUNTY OR PARISH		Rio Arriba				13. STATE	
						New Mexico	
15. DATE SPURRED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, ET, GR, ETC.)*	
1-09-78		1-27-78		8-22-78		7008' GL, 7020' KB	
19. ELEV. CASINGHEAD		---					
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
7860'		7794'				0-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
Gallup 6551-6783'						No	
Dakota 7490-7698'							
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
IEL, FDC-CNL/GR-Cal.						No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8-5/8"		24.0		335'		12-1/4"	
4-1/2"		10.5 & 11.6		7836'		7-7/8"	
		DV too		at 4486'			
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SIZE	
						2-3/8"	
						6551'	
						6488'	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
Dakota 7601, 2, 3, 4, 5, 6, 7, 44, 48, 50, 52, 78, 81, 89, 93, 96, 7490, 93, 95, 97, 7500, 2, 4, 7, 14, 16, 19, 22, 24, 26, 28, Gallup 6556, 58, 71, 83, 86, 6609, 19, 21, 23, 28, 31, 63, 65, 6721, 23, 30, 32, 34, 44, 46, 48, 65, 67, 76, 84, 86.				DEPTH INTERVAL (MD)			
				7601-96'			
				7490-7528'			
				6556-6786'			
				AMOUNT AND KIND OF MATERIAL USED			
				64,000 g. wtr., 54,000# sand			
				77,000 g. wtr., 65,000# sand			
				175,000 g. wtr., 150,000# sand			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5-25-78		Flowing				Producing	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
8-29-78		24		32/64"		97	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
130		0		97		148	
						GAS—MCF.	
						180 BLW	
						GAS-OIL RATIO	
						1526	
						OIL GRAVITY-API (CORR.)	
						44.0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							
Sold							
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		TITLE		Division Production Manager	
						DATE 8-29-78	
						U. S. GEOLOGICAL SURVEY	
						DURANGO, COLO.	

*(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	MEAS. DEPTH	TRUE VERT. DEPTH
Gallup Dakota	6550 7488'	6800' 7767'	Hydrocarbon Hydrocarbon	Kirtland Fruitland Pictured Cliffs Lewis Chacra Chacra Base Cliff House Menefee Point Lookout Mancos Gallup Gallup Base Sanostee Greenhorn Graneros Dakota "A" Dakota "B" Dakota "D" Burro Canyon		2940' 3080' 3259' 3403' 4125' 4295' 4930' 4960' 5435' 5576' 6550' 6800' 7071' 7402' 7466' 7488' 7552' 7642' 7767'