

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. LEASE DESIGNATION AND SERIAL NO. Contract No. 129	
3. ADDRESS OF OPERATOR 1660 Lincoln Street, Suite 2502, Denver, Colorado 80264						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 800' FNL, 990' FEL At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						DATE ISSUED 12-1-77	
15. DATE SPUDDED 12-26-77		16. DATE T.D. REACHED 1-08-78		17. DATE COMPL. (Ready to prod.) 8-14-78		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6877' GL, 6889' KB	
20. TOTAL DEPTH, MD & TVD 7500'		21. PLUG, BACK T.D., MD & TVD 7442'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Gallup 6190-6379' Dakota 7149-7378'						19. ELEV. CASINGHEAD	
26. TYPE ELECTRIC AND OTHER LOGS RUN IEL, FDC-CNL/GR-Cal.						25. WAS DIRECTIONAL SURVEY MADE No	
27. WAS WELL CORED No						28. WAS WELL CORED No	
29. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8-5/8"		24.0		340'		12-1/4"	
4-1/2"		11.6		7469'		7-7/8"	
		DV tool at 4044'					
30. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		PACKER SET (MD)	
2-3/8"						6120'	
31. PERFORATION RECORD (Interval, size and number)							
Dakota 7363, 64, 65, 66, 67, 68, 69, 75, 76, 77, 7269, 70, 71, 73, 77, 79, 81, 84, 85, 87, 89, 7149, 51, 52, 55, 57, 62, 64, 66, 68, 71, 75, 84, 86, 88, 89.							
Gallup 6190, 96, 6207, 10, 27, 30, 51, 53, 57, 59, 65, 67, 79, 81, 90, 92, 96, 6318, 20.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
7363-7377'		20,000 g. wtr., 25,000# sand					
7269-7289'		22,000 g. wtr., 18,000# sand					
7149-7189		50,000 g. wtr., 65,000# sand					
6190-6379'		82,500 g. wtr., 80,000# sand					
33. PRODUCTION							
DATE FIRST PRODUCTION 4-18-78		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8-29-78		HOURS TESTED 24		CHOKE SIZE 40/64		PROD'N. FOR TEST PERIOD →	
OIL—BBL. 108		GAS—MCF. 347		WATER—BBL. 48 BLW		GAS-OIL RATIO 3213	
FLOW. TUBING PRESS. 165		CASING PRESSURE 0		CALCULATED 24-HOUR RATE →		OIL GRAVITY-API (CORR.) 44	
OIL—BBL. 108		GAS—MCF. 347		WATER—BBL. 48 BLW		OIL GRAVITY-API (CORR.) 44	
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 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Gallup Dakota	6186'	6420'	Hydrocarbon Hydrocarbon	Kirtland		2658'
	7147'	7418'		Fruitland Pictured Cliffs		2793'
				Lewis		2945'
				Chacra		3063'
				Chacra Base		3802'
				Cliff House		3954'
				Menefee		4564'
				Point Lookout		4600'
				Mancos		5092'
				Gallup		5218'
				Gallup Base		6186'
				Sanostee		6420'
				Greenhorn		6752'
				Graneros		7072'
				Dakota "A"		7129'
				Dakota "B"		7147'
				Dakota "D"		7262'
				Burro Canyon		7348'
				Morrison		7418'
						7475'

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