

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 <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR Cotton Petroleum Corporation ATT. Herb Sjogren						5. LEASE DESIGNATION AND SERIAL NO. Contract No. 129	
3. ADDRESS OF OPERATOR 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 790' FNL 790' FEL At top prod. interval reported below Same At total depth Same						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						8. FARM OR LEASE NAME Apache	
DATE ISSUED						9. WELL NO. 24	
15. DATE SPUDDED 10-29-77						10. FIELD AND POOL, OR WILDCAT So. Blanco P.C.	
16. DATE T.D. REACHED 11-1-77						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 14-T24n-R4w N.M. P.M.	
17. DATE COMPL. (Ready to prod.) 12-2-77						12. COUNTY OR PARISH Rio Arriba N.M.	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6827' DE, 6828' KB						13. STATE N.M.	
19. ELEV. CASINGHEAD 6816' GL						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2922' -2967', Pictured Cliffs	
20. TOTAL DEPTH, MD & TVD 3180						25. WAS DIRECTIONAL SURVEY MADE No	
21. PLUG, BACK T.D., MD & TVD 3011						26. TYPE ELECTRIC AND OTHER LOGS RUN IES, CNL, FDL	
22. IF MULTIPLE COMPL., HOW MANY*						27. WAS WELL CORRED No	
23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS						28. CASING RECORD (Report all strings set in well)	
CASINO SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	
8 5/8"	24.0	177'	12 1/4"	250 Sxs	None		
4 1/2"	10.50	3056'	7 7/8"	200 Sxs	None		
29. LINER RECORD						30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None	.				1 1/4"	3050	None
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
2922'-2929')				DEPTH INTERVAL (MD)			
2931'-2942') 1 shot per foot				2922'-2967'			
2963'-2967')				AMOUNT AND KIND OF MATERIAL USED			
				51,500 gals. Water			
				60,000 lbs. Sand			
33.* PRODUCTION							
DATE FIRST PRODUCTION Waiting on pipeline		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 12-23-77	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
FLOW. TUBING PRESS. 250 psig	CASING PRESSURE 875 psig	CALCULATED 24-HOUR RATE →	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY—API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented shut in pressure, tbg.-1010 psig, csg.-1030 psig				TEST WITNESSED BY 9-28-77			
35. LIST OF ATTACHMENTS							
FOR: COTTON PETROLEUM CORPORATION							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Well N. Walsh, P.E.</u>				President, Walsh Engineering & Production Corp.			
				DATE 9-28-77			

*(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
				Ojo Alamo	2333'	2333'
				Kirtland	2618'	2618'
				Fruitland	2738'	2738'
				Pictured Cliffs	2915'	2915'
				Lewis	3055'	3055'