

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. RESEV. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR						7. UNIT AGREEMENT NAME	
COTTON PETROLEUM CORPORATION						Apache	
3. ADDRESS OF OPERATOR						9. WELL NO.	
2502 Lincoln Center Building Denver, Colorado 80264 1660 Lincoln St.						19	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						10. FIELD AND POOL, OR WILDCAT	
At surface 790' FSL, 790' FWL						So. Blanco P.C.	
At top prod. interval reported below						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
At total depth Same						Sec. 3-T24N-R4W	
Same						N.M.P.M.	
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDDED				19. ELEV. CASINGHEAD			
7-4-77				6771'			
16. DATE T.D. REACHED				18. ELEVATIONS (DF, REB, RT, OR, ETC.)*			
7-8-77				6781' DF, 6782' KB			
17. DATE COMPL. (Ready to prod.)				23. INTERVALS DRILLED BY			
9-10-77				X			
20. TOTAL DEPTH, MD & TVD				25. WAS DIRECTIONAL SURVEY MADE			
3012'				No			
21. PLUG, BACK T.D., MD & TVD				26. TYPE ELECTRIC AND OTHER LOGS RUN			
3010'				IES, GRN			
22. IF MULTIPLE COMPL., HOW MANY*				27. WAS WELL CORED			
23. INTERVALS DRILLED BY				No			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*				28. CASING RECORD (Report all strings set in well)			
2897'-2984', Pictured Cliffs							
29. LINER RECORD				30. TUBING RECORD			
SIZE				SIZE			
TOP (MD)				DEPTH SET (MD)			
BOTTOM (MD)				PACKER SET (MD)			
SACKS CEMENT*				None			
SCREEN (MD)				None			
None				1 1/4"			
2925'				None			
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
2897', 2898', 2900', 2902', 2911', 2913', 2927', 2929', 2931', 2933', 2983' & 2984', 1 shot per foot				DEPTH INTERVAL (MD)			
				AMOUNT AND KIND OF MATERIAL USED			
				2897-2984 19,000 gals. foam			
				30,250 gals. water			
				2897-2984 60,000 gals. water (re-fract)			
				65,000 lbs. sand			
33.* PRODUCTION				WELL STATUS (Producing or shut-in)			
DATE FIRST PRODUCTION				Shut-in			
Waiting on pipeline				Flowing			
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				Shut-in			
DATE OF TEST				HOURS TESTED			
9-27-77				3			
CHOKE SIZE				PROD'N. FOR TEST PERIOD			
3/4"				OIL—BBL.			
				GAS—MCF.			
				WATER—BBL.			
				GAS-OIL RATIO			
FLOW. TUBING PRESS.				CASING PRESSURE			
50 psig				300 psig			
CALCULATED 24-HOUR RATE				OIL—BBL.			
				GAS—MCF.			
				WATER—BBL.			
				OR GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)				TEST WITNESSED BY			
Shutin pressure, tbg.-960 psig, csg.-975 psig							
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 available records							
SIGNED <i>Ewell N. Walsh</i>				President, Walsh Engineering			
Ewell N. Walsh, P.E.				TITLE & Production Corp.			
				DATE 9-27-77			
				SEP 28 1977			

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

S. GEOLOGICAL SURVEY
DURANGO, COLO.

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.), formations 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; CORDED 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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
					Ojo Alamo	2193	2193
					Kirtland	2567	2567
					Fruitland	2691	2691
					Pictured Cliffs	2850	2850