

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R3-5.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. Contract #129	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR Cotton Petroleum Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 717 17th Street, Suite 2200, Denver, Colorado 80202		8. FARM OR LEASE NAME Apache	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790' FEL & 790' FBL, Section 24 At top prod. interval reported below At total depth Same		9. WELL NO. #25	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT So. Blanco, PC & Chacra	
DATE ISSUED 3/12/80		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 24-T24N-R4W	
12. COUNTY OR PARISH Rio Arriba		13. STATE New Mexico	
15. DATE SPUDDED 12/13/80	16. DATE T.D. REACHED 12/19/80	17. DATE COMPL. (Ready to prod.) 1-19-81	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6872' GR
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD 4099'		
21. PLUG, BACK T.D., MD & TVD 4039'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY Rotary	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* PC 2945'-3050', Chacra 3775'-3920'
25. TYPE ELECTRIC AND OTHER LOGS RUN DIL/FDC/CNL/GR			26. WAS DIRECTIONAL SURVEY MADE NO
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#	376'	12-1/4"
4-1/2"	10.5#	4098'	7-7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DATE SET (MD)	PACKER SET (MD)	
2 3/8	3998.3		
31. PERFORATION RECORD (Interval, size and number) PC-2949', 50', 58', 59', 62', 63', 64', 70', 71', 3016', 17', 26', 1JSPF 12 holes Chacra-3798', 3800', 02', 14', 16', 18', 72', 74', 83', 3904', 10', 16', 1JSPF 12 holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3798-3916'		acidize 1200g 15% HCl & frac w/80,000g 70% foam, 80,000#10/20 SN	
2949-3026'		acidize 1200g 15% HCl & frac w/83,300g 70% foam, 98,400#10/20 SN	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
WELL STATUS (Producing or shut-in)			
DATE OF TEST 1/28/81	HOURS TESTED 3	CHOKE SIZE 1-1/4 orifice	PROD'N. FOR TEST PERIOD
FLOW. TUBING PRESS. 36	CASING PRESSURE 164	CALCULATED 24-HOUR RATE	OIL—BBL. --
GAS—MCF. 81.6		WATER—BBL. Trace	GAS-OIL RATIO --
OIL GRAVITY-API (CORR.) --			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented			
TEST WITNESSED BY Joe Elledge			
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 J. Cummings		TITLE Area Superintendent	
DATE February 10, 1981			

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

NMOCG

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
PC	2945'	2973'	No cores or DST's	Ojo Alamo	2300'	same
Chacra	3798'	3802'		Kirtland	2650'	same
				Fruitland	2783'	same
				Pictured Cliffs	2945'	same
				Chacra	3775'	same