

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						8. FARM OR LEASE NAME						
Cotton Petroleum Corporation						Apache						
3. ADDRESS OF OPERATOR						9. WELL NO.						
2502 Lincoln Center Building, Denver, Colorado 80264						104						
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' FEL						Lindrith-Gallup						
Section 3, T24N-R4W						Dakota West						
At top prod. interval reported below						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA						
At total depth						Section 3, T24N-R4W						
						NM, P.M.						
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH		13. STATE				
				12-1-77		Rio Arriba		New Mexico				
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, REB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD				
12-10-77		12-24-77		9-14-78		6810' GR, 6822' KB		-----				
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS	CABLE TOOLS			
7476'		7408'				→		0-TD				
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*								25. WAS DIRECTIONAL SURVEY MADE				
6224'-6431' Gallup								No				
7132'-7340' Dakota												
26. TYPE ELECTRIC AND OTHER LOGS RUN								27. WAS WELL CORED				
FDC/CNL/G3/CAL, IES								No				
28. CASING RECORD (Report all strings set in well)												
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED		
8-5/8"		24		336'		12-1/4"		300 sxs		0		
4-1/2"		10.5, 11.6		7472'		7-7/8"		850 sxs		0		
				DV tool at 4085'								
29. LINER RECORD						30. TUBING RECORD						
SIZE		TOP (MD)		BOTTOM (MD)		SCREEN (MD)		SIZE		DEPTH SET (MD)	PACKER SET (MD)	
								2-3/8"		6193'	6125'	
31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
6224', 29, 41, 44, 47, 50, 87, 89, 91, 93, 95, 6301, 33						DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED				
39, 88, 90, 97, 6400, 03, 13, 16, 19, 22, 31, 7132, 34,						6224'-6431'		169,400 gal wtr, 150,000# sd				
36, 38, 44, 46, 51, 54, 57, 59, 62, 74, 76, 7201, 04,						7132'-7207'		81,500 gal wtr, 65,000# sd				
07, 39, 42, 45, 48, 51, 53, 55, 90, 93, 97, 7307, 15, 25,						7239'-7340'		69,500 gal wtr, 58,000# sd				
29, 32, 35, 38, 40.												
33. PRODUCTION												
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)				
6-9-78		Flowing						Producing				
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-14-78		24		48/64"		→		45		183	30	4067
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.	OIL GRAVITY-API (CORR.)	
110		0		→		45		183		30	46.0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)								TEST WITNESSED BY				
Sold								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		TITLE				DATE						
[Signature]		Division Production Manager				1-22-79						

*(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	M'AS. DEPTH	TRUE VERT. DEPTH
Gallup Dakota	6226' 7131'	6470' 7380'	Hydrocarbons Hydrocarbons	Kirtland Fruitland Pictured Cliffs Lewis Chaccra Chaccra Base Cliff House Menefee Point Lookout Mancos Gallup Gallup Base Sanostee Greenhorn Graneros Dakota A Dakota B Dakota D Burro Canyon Morrison	2722' 2815' 2938' 3073' 3812' 3966' 4574' 4620' 5108' 5242' 6226' 6470' 6750' 7058' 7111' 7131' 7240' 7323' 7380' 7452'	