

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

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 _____
DEC 26 19782. NAME OF OPERATOR
Cotton Petroleum Corporation U. S. GEOLOGICAL SURVEY3. ADDRESS OF OPERATOR
2502 Lincoln Center Building, Denver, Colorado 80264

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2165' FSL, 1920' FWL

At top prod. interval reported below

At total depth Section 13, T24N-R4W

14. PERMIT NO. DATE ISSUED
5-30-78

5. LEASE DESIGNATION AND SERIAL NO.

Contract #129

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Indians

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Apache

9. WELL NO.

111

10. FIELD AND POOL OR WILDCAT

Lindrith Gallup

Dakota West

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 13-T24N-R4W
N.M.P.M.

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED 8-16-78 16. DATE T.D. REACHED 8-29-78 17. DATE COMPL. (Ready to prod.) 12-19-78 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6827 GR 19. ELEV. CASINGHEAD ----

20. TOTAL DEPTH, MD & TVD 7522' 21. PLUG, BACK T.D., MD & TVD 7489' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-TD ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE
Gallup 6240'-6258', Dakota 7139'-7359' No26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED
DIL, FDC/CNL/GR-CAL 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#	360'	12-1/4"	275 sxs to Surface	0
4-1/2"	11.6, 10.5#	7522'	7-7/8"	Stage 1 - 600 sxs	0
		DV tool at 4047'		Stage 2 - 710 sxs	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6179'	6101

31. PERFORATION RECORD (Interval, size and number)

6240'-58' w/IJSPF, 7139'-46', 52'-60',
69'-75' w/IJSPF, 7260', 62', 64', 66', 68',
70', 72', 74', 7310', 12', 14', 49', 51',
53', 55', 57', 59'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6240'-6458'	175,000 g. wtr, 150,000# sd
7139'-7175'	83,000 g. wtr, 65,000# sd
7260'-7359'	71,000 g. wtr, 54,000# sd

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-25-78		Flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	WATER—BBL.	GAS-OIL RATIO	
11-26-78	24	34/64	96	86	86	1979	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
150	0	96	96	86	86	46.0	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

Howard 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

Division Production Manager

DATE 12-21-78

*(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 33.

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
Gallup Dakota	6175' 7136'	6449' 7442'	Hydrocarbons Hydrocarbons	Kirtland Fruitland Pictured Cliffs Lewis Chacra Chacra Base Cliff House Menefee Point Lookout Mancos Gallup Gallup Base Sanostee Greenhorn Graneros Dakota "A" Dakota "B" Dakota "D" Burro Canyon	2514' 2765' 2934' 3056' 3766' 3939' 4550' 4586' 5077' 5256' 6175' 6449' 6766' 7063' 7119' 7136' 7193' 7303' 7442'	