

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)

Form approved,  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

Contract No. 129

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Apache

9. WELL NO.

130

10. FIELD AND POOL, OR WILDCAT

Lindrith Gallup

Dakota West

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

Sec. 24, T 24N, R 4W

N.M.P.M.

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

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

Cotton Petroleum Corporation

3. ADDRESS OF OPERATOR

717 17th Street, Suite 2200, Denver, Colorado 80202

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

At surface

1980' FWL, 1980' FSL

At top prod. interval reported below

At total depth Section 24, T 24N, R 4W

14. PERMIT NO. 30-039-22047 DATE ISSUED 5-23-79

15. DATE SPUDDED 5-28-79 16. DATE T.D. REACHED 6-10-79 17. DATE COMPL. (Ready to prod.) 8-23-79 18. ELEVATIONS (DF, REB, BT, GR, ETC.)\* 6952' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7596' 21. PLUG, BACK T.D., MD & TVD 7448' 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)\* Gallup 6252'-6277' Dakota 7170'-7222', 7284'-7393' 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, CNL/FDC, GR w/ caliper 27. WAS WELL COBED 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#	385'	12-1/4"	275 sacks	
4-1/2"	11.0#, 10.5#	7496'	7-7/8"	stage 1: 600 sacks stage 2: 700 sacks DV tool @ 4038' KB	

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"	6125'	6124'

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7170, 72, 73, 74, 75, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 92, 93, 94, 95, 96, 97, 98, 7220, 21, 22.	7170'-7222'	60,500 gal wtr, 65000# sd
7284, 86, 88, 89, 90, 91, 92, 94, 7386, 87, 89, 90, 91, 92, 93.	7284'-7293'	59,500 gal wtr, 54,000# sd
6252, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64.	6252'-6277'	82,500 gal wtr, 77,000# sd

33.\* 65, 66, 6274, 75, 76, 77. PRODUCTION

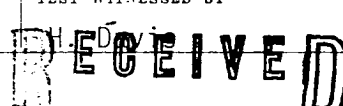
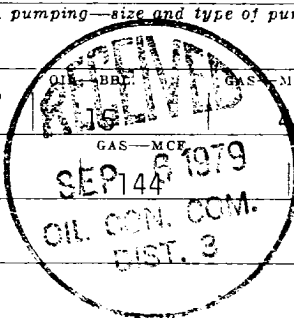
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)				
8-23-79	Flowing	Producing				
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL. GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-26-79	8	40/64	→	48	0	3200
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
130		→	45		0	46.0

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

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 [Signature] TITLE Division Production Manager DATE August 27, 1979

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



SEP 4 1979

# 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.
Gallup	6252'	6277'	Burro Canyon Dakota D Dakota B Dakota A Graneros Greenhorn base Gallup top Gallup Mancos Cliff House Pictured Cliffs
Dakota	7170'	7393'	
			MEAS. DEPTH
			TOP
			TRUE VERT. DEPTH