

**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.

**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. LEVLR.  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 480' FEL & 970' FSL Section 10  
At top prod. interval reported below  
At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.

Contract #127

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Apache

9. WELL NO.

126

10. FIELD AND POOL, OR WILDCAT

Lindrieth Gallup Dakota-W

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

Sec 10-24N-4W NM PM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUNDED  
7-2-80

16. DATE T.D. REACHED  
7-21-80

17. DATE COMPL. (Ready to prod.)  
9-19-80

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*  
6809' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
7462'

21. PLUG, BACK T.D., MD & TVD  
7425'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY  
→

ROTARY TOOLS  
0-TD

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
6189'-7311' Gallup Dakota

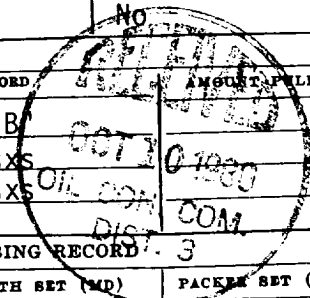
25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DIL/FDC/CNL/GR

27. WAS WELL CORED  
No

**CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT APPLIED
8 5/8"	24#	338'	12 1/4"	250 sxs Class "B"	
4 1/2"	10.5#, 11.6#	7462'	7 7/8"	Stage 1: 600 sxs Stage 2: 700 sxs	



29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	7394'	

31. PERFORATION RECORD (Interval, size and number)  
Dakota A, A2, & D 7107, 9, 10, 11, 12, 13, 16, 17, 18, 7169, 71, 7308, 9, 10, & 11.  
Gallup 6189, 91, 6209, 21, 22, 23, 24, 25, 28, 30, 36, 38, 39, 40, 41, 47, 57, 78, 98, 6302'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Dakota	148,000 wtr
Gallup	110,000 wtr

33.\* PRODUCTION

DATE FIRST PRODUCTION: 8-30-80  
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): Flowing  
WELL STATUS (Producing or shut-in): SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-3-80	24	25/64"	→	55	100	10 BLW	

FLOW. TUBING PRESS. 150  
CASING PRESSURE 400  
CALCULATED 24-HOUR RATE →

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold  
TEST WITNESSED BY: H. Davis  
OCT 9 1980

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: DE. Wood TITLE: Division Production Manager DATE: 9-29-80

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

NMOCC

# 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
					TOP
					TRUE VERT. DEPTH
<b>37. SUMMARY OF POROUS ZONES:</b> 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					
Pictured Cliffs	2866'	3752'			
Gallup	6181'	7071'			
Dakota	7091'	7355'			