

**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. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Cotton Petroleum Corporation

3. ADDRESS OF OPERATOR

3773 Cherry Creek Drive No. #750, Denver, CO 80209

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

At surface 2310' FNL 1650' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

10/8/85

15. DATE SPUDDED 11/14/85 16. DATE T.D. REACHED 11/27/85 17. DATE COMPL. (Ready to prod.) 1/25/86 18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 6893' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7507' 21. PLUG, BACK T.D., MD & TVD 7461' 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)*

7151-7247' Dakota A 7322-7432' Dakota D

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Formation Density - Comp. Newtron, GR, Dual Induction, SFL

27. WAS WELL CORED

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#	391'	12-1/4"	280 Sxs Class B	
4-1/2"	10.5 & 11.6	7507'	7-7/8"	1st: 400 sxs Lite + 200 sxs Self Stress 2nd: 600 sxs Lite	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7218'	

31. PERFORATION RECORD (Interval, size and number)

7432'-7322' w/l JSPF (dwn csg)
 7432'-7322' w/l JSPF (dwn tbq)
 7151'-7247' w/l JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHED	

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)	
1/25/86		Pumping		Prod	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
1/25/86	24 (IPF)		→	71	211
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
150	800	→	71	211	15
			OIL GRAVITY-API (CORR.)		
			2972		

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

Sold

TEST WITNESSED BY

D. Mechem

35. LIST OF ATTACHMENTS

Attachment I (item #32.)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

D.E. Wood/Hg

TITLE

Division Production Manager

DATE

1/25/86

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

BIRMINGHAM RESOURCE AREA

RV Sm

NMCC

INSTRUCTIONS

General: This form is designed for submitting a complete and correct 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 10: 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:			38. GEOLOGIC MARKERS		
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			NAME	TOP	
FORMATION	TOP	MEAS. DEPTH		TRUE VERT. DEPTH	
Picture Cliffs	3004'				
Cliff House	4658'				
Pt. Lookout	5208'				
Gallup	6258'				
Dakota	7135'				

ATTACHMENT I

7132-7322' acidize with 1900 gal 15% acid

7432-7322' frac with 64,000 gal gel, 54,000# 20/40 sand

7432-7322' acidize with 3000 gal 15% Hcl

7432-7322' frac with 60,000 gal gel, 90,000# 20/40 sand

7151-7247' frac with 111,160 gal gel, 185,000# 20/40 sand