

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
DOI No. 100-137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Case No.
NMLC061873B

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No.
2. Name of Operator CIMAREX ENERGY CO		8. Lease Name and Well No. COTTON DRAW 9L FEDERAL 4H
Contact: TERRI STATHEM E-Mail: tstathem@cimarex.com		
3. Address 202 S. CHEYENNE AVE., STE 1000 TULSA, OK 74103		9. API Well No. 30-025-43836-00-S1
3a. Phone No. (include area code) Ph: 432-620-1936		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSW 459FSL 776FWL 32.138912 N Lat, 103.686096 W Lon At top prod interval reported below SWSW 459FSL 776FWL At total depth SWSW 335FNL 774FWL		10. Field and Pool, or Exploratory WC025G06S253206M-BONE SPRING UNKNOWN
		11. Sec., T., R., M., or Block and Survey or Area Sec 9 T25S R32E Mer NMP
		12. County or Parish LEA
		13. State NM
14. Date Spudded 09/12/2017	15. Date T.D. Reached 10/03/2017	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/20/2017
17. Elevations (DF, KB, RT, GL)* 3432 GL		
18. Total Depth: MD 14855 TVD 10595	19. Plug Back T.D.: MD 14832 TVD 10595	20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	48.0	0	761		805		0	0
12.250	9.625 J55	40.0	0	4503		1765		0	0
8.500	5.500 P110	20.0	0	14855		2680		3500	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	10043	10043						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10049	14828	10049 TO 14828	0.000	1040	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10049 TO 14828	238449 BBLs TOTAL FLUID; 12775734# SAND.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/30/2017	01/23/2018	24	→	744.0	1519.0	1259.0	38.7		GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24	1650	150.0	→	744	1519	1259	2041	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #405551 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation Due by June 20th, 2018

HOBBS OGD
MAR 19 2018
RECEIVED

ACCEPTED FOR RECORD
MAR 9 2018
BUREAU OF LAND MANAGEMENT
CAPLSCAD FIELD OFFICE

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
BELL CANYON	4480	4540	WATER	RUSTLER	750
BONE SPRING	8511	10500	OIL/GAS WATER	BELL CANYON	4480
				DELAWARE	4540
				BONE SPRING	8511

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|-------------------------------------------------------|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #405551 Verified by the BLM Well Information System.

For CIMAREX ENERGY CO, sent to the Hobbs

Committed to AFMSS for processing by DUNCAN WHITLOCK on 02/28/2018 (18DW0072SE)

Name (please print) TERRI STATHEM

Title MANAGER REGULATORY COMPLIANCE

Signature _____ (Electronic Submission)

Date 02/23/2018

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #405551

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMLC061873B	NMLC061873B
Agreement:		
Operator:	CIMAREX ENERGY COMPANY 202 S CHEYENNE AVE., STE. 1000 TULSA, OK 74103 Ph: 432-620-1936	CIMAREX ENERGY CO 202 S. CHEYENNE AVE., STE 1000 TULSA, OK 74103 Ph: 4326201936
Admin Contact:	TERRI STATHEM MANAGER REGULATORY COMPLIANCE E-Mail: tstatthem@cimarex.com Ph: 432-620-1936	TERRI STATHEM MANAGER REGULATORY COMPLIANCE E-Mail: tstatthem@cimarex.com Ph: 432-620-1936
Tech Contact:	TERRI STATHEM MANAGER REGULATORY COMPLIANCE E-Mail: tstatthem@cimarex.com Ph: 432-620-1936	TERRI STATHEM MANAGER REGULATORY COMPLIANCE E-Mail: tstatthem@cimarex.com Ph: 432-620-1936
Well Name: Number:	COTTON DRAW 9L FEDERAL 4H	COTTON DRAW 9L FEDERAL 4H
Location: State: County: S/T/R: Surf Loc:	NM LEA Sec 9 T25S R32E Mer SWSW 459FSL 776FWL	NM LEA Sec 9 T25S R32E Mer NMP SWSW 459FSL 776FWL 32.138912 N Lat, 103.686096 W Lon
Field/Pool:	BONE SPRING WC	WC025G06S253206M-BONE SPRING
Logs Run:	NONE	NONE
Producing Intervals - Formations:	BONE SPRING	BONE SPRING
Porous Zones:	BELL CANYON BONE SPRING	BELL CANYON BONE SPRING
Markers:	RUSTLER BELL CANYON LAMAR BONE SPRING	RUSTLER BELL CANYON DELAWARE BONE SPRING