

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Cimarex Energy Co. 202 S Cheyenne Ave., Ste 1000 Tulsa, OK 74103		² OGRID Number 215099
		³ Reason for Filing Code/ Effective Date NW - 12-24-17
⁴ API Number 30 - 025-43836	⁵ Pool Name WC G-06 S253206M; BS	⁶ Pool Code 96715
⁷ Property Code 39462	⁸ Property Name Cotton Draw 9L Federal	⁹ Well Number 4H

II. ¹⁰ Surface Location

UL or lot no. M	Section 9	Township 25S	Range 32E	Lot Idn	Feet from the 459	North/South Line SOUTH	Feet from the 776	East/West line WEST	County Lea
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¹¹ Bottom Hole Location

UL or lot no. D	Section 9	Township 25S	Range 32E	Lot Idn	Feet from the 335	North/South line NORTH	Feet from the 774	East/West line WEST	County Lea
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 1-13-18	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
21778	Sunoco Inc. R & M PO Box 2039; Tulsa OK	
226737	DCP Midstream 370 17 th St, Ste 2500; Denver CO	

IV. Well Completion Data

²¹ Spud Date 9-12-17	²² Ready Date 12-20-17	²³ TD 14855/10595	²⁴ PBDT 14832	²⁵ Perforations 10049-14828'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	761	805 - TOC 0'		
12.25	9.625	4503	1765 - TOC 0'		
8.50	5.5	14855	2680 - TOC 3500'		
	2.375	7236			

V. Well Test Data

³¹ Date New Oil 12-30-17	³² Gas Delivery Date 01/13/18	³³ Test Date 01-23-18	³⁴ Test Length 24	³⁵ Tbg. Pressure 1650	³⁶ Csg. Pressure 150
³⁷ Choke Size 24/64	³⁸ Oil 744	³⁹ Water 1259	⁴⁰ Gas 1519		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name:
Terri Stathem

Title:
Regulatory

E-mail Address:
tstathem@cimarex.com

Date:
02-23-18

Phone:
432-620-1936

OIL CONSERVATION DIVISION

Approved by: 

Title:

Approval Date: 03/16/18

Petroleum Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

FEB 27 2018

RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC061873B
2. Name of Operator CIMAREX ENERGY COMPANY Contact: TERRI STATHEM E-Mail: tstathem@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 202 S CHEYENNE AVE TULSA, OK 74103	3b. Phone No. (include area code) Ph: 432-620-1936	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T25S R32E SWSW 459FSL 776FWL		8. Well Name and No. COTTON DRAW 9L FEDERAL 4H
		9. API Well No. 30-025-43836
		10. Field and Pool or Exploratory Area BONE SPRING
		11. County or Parish, State LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

10-22-17 Test csg to 7500# for 30 mins ok. Ran CBL - TOC @ 3500'. SWI.
12-11-2017 to
12-18-17 Perf Bone Spring @ 10049-14828'. 1040 holes, .38. Frac w/ 238449 bbls total fluid, 12775734# total fluid.
12-19-17 Drill out plugs. CO to PBTD: 14832'.
12-20-17 Flowback well.
12-21-17 Shut well in.
12-24-17 RIH w/ 2-7/8" tbg, GLV, & pkr & set @ 10043'. Turn well to production.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #405538 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Hobbs	
Name (Printed/Typed) TERRI STATHEM	Title MANAGER REGULATORY COMPLIANCE
Signature (Electronic Submission)	Date 02/23/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

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.

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #405538 that would not fit on the form

32. Additional remarks, continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such purposes.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC061873B
2. Name of Operator CIMAREX ENERGY COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address 202 S CHEYENNE AVE TULSA, OK 74103		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-620-1936		8. Well Name and No. COTTON DRAW 9L FEDERAL 4H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T25S R32E SWSW 459FSL 776FWL		9. API Well No. 30-025-43836
		10. Field and Pool or Exploratory Area BONE SPRING
		11. County or Parish, State LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

9-12-17 Spud well. TD 17-1/2" hole @ 761'.
9-13-17 RIH w/ 13-3/8", 48# J55 STC csg & set @ 761'. Mix & pump lead. 465 sx Class C, 13.5 ppg, 1.73 yld; tail w/ 340 sx Class C, 14.8 ppg, 1.332 yld. Circ 301 sx to surf. WOC 12 hrs.
9-14-17 Test csg to 1200# for 30 mins. OK.
9-16-17 TD 12-1/4" hole @ 4503'. RIH w/ 9-5/8", 40#, J55, LTC csg & set @ 4503'.
9-17-17 Mix & pump lead. 1435 sx EconoCem, 12.9 ppg, 1.88 yld; tail w/ 330 HalCem, 14.8 ppg, 1.33 yld. circ 701 sx to surf. WOC 8 hrs.
9-18-17 Test csg to 2500# for 30 mins. OK.
9-23-17 TD 8-3/4" vertical hole @ 10036'. TOOH. TIH w/ curve assembly.
9-27-17 TOOH w/ curve assembly. TIH w/ 8-1/2" lateral assembly.
10-3-17 TD 8-1/2" hole @ 14855'.
10-4-17 TIH w/ 5-1/2", 20#, P110CY, BTC/LTC csg & set @ 14855'.

Toc on production?

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #305956 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER SANCHEZ on 11/28/2017 ()

Name (Printed/Typed) TERRI STATHEM

Title MANAGER REGULATORY COMPLIANCE

Signature (Electronic Submission)

Date 11/26/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

NOV 28 2017

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

BUREAU OF LAND MANAGEMENT

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.

(Instructions on page 2)

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Additional data for EC transaction #395956 that would not fit on the form

32. Additional remarks, continued

10-5-17 Mix & pump lead 1110 sx Class H, 11.0 ppg, 2.81 yld; tail w/ 1570 sx Class H, 14.5 ppg, 1.24 yld. WOC. ✓
10-6-17 Release rig. ✓

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTHOBBS OCD
FEB 27 2018
RECEIVEDFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMLC061873B		
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 _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator CIMAREX ENERGY COMPANY			Contact: TERRI STATHEM E-Mail: tstatthem@cimarex.com		
3. Address 202 S CHEYENNE AVE., STE. 1000 TULSA, OK 74103			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 At top prod interval reported below SWSW 459FSL 776FWL At total depth SWSW 459FSL 776FWL			8. Lease Name and Well No. COTTON DRAW 9L FEDERAL 4H		
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			9. API Well No. 30-025-43836		
18. Total Depth: MD 14855 TVD 10595			19. Plug Back T.D.: MD 14832 TVD		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory BONE SPRING WC		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE			11. Sec., T., R., M., or Block and Survey or Area Sec 9 T25S R32E Mer		
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)			12. County or Parish LEA		
			13. State NM		
			17. Elevations (DF, KB, RT, GL)* 3432 GL		

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	7236	7236						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10049	14828	10049 TO 14828	0.380	1040	OPEN
B)						
C)						
D)						

26. Perforation Record

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

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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 BONE SPRING	4480 8511	4540 10500	WATER OIL/GAS WATER	RUSTLER BELL CANYON LAMAR BONE SPRING	750 4480 4540 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 COMPANY, sent to the Hobbs**

Name (please print) TERRI STATHEMTitle MANAGER REGULATORY COMPLIANCE

Signature _____ (Electronic Submission)

Date 02/23/2018

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**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****