

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**

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

**II. <sup>10</sup> Surface Location**

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

**<sup>11</sup> Bottom Hole Location**

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

**III. Oil and Gas Transporters**

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

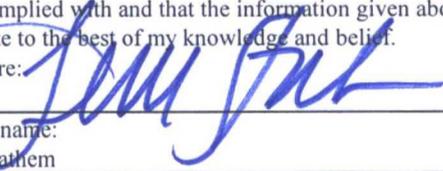
**IV. Well Completion Data**

<sup>21</sup> Spud Date 9-12-17	<sup>22</sup> Ready Date 12-20-17	<sup>23</sup> TD 14855/10595	<sup>24</sup> PBDT 14832	<sup>25</sup> Perforations 10049-14828'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> 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**

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

<sup>42</sup> 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		6. If Indian, Allottee or Tribe Name
Contact: TERRI STATHEM E-Mail: tstathem@cimarex.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 202 S CHEYENNE AVE TULSA, OK 74103	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 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 recomplete 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.

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. <b>Electronic Submission #405538 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Hobbs</b>	
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  
Hobbs

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	8. Well Name and No. COTTON DRAW 9L FEDERAL 4H
2. Name of Operator CIMAREX ENERGY COMPANY Contact: TERRI STATHEM E-Mail: tstathe@cimarex.com	9. API Well No. 30-025-43836
3a. Address 202 S CHEYENNE AVE TULSA, OK 74103	10. Field and Pool or Exploratory Area BONE SPRING
3b. Phone No. (include area code) Ph: 432-620-1936	11. County or Parish, State LEA COUNTY, NM <i>In Eddy County, Delaware</i>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T25S R32E SWSW 459FSL 776FWL	

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 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 recomplate 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'.

*Loc on production?*

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

*typed in*  
Electronic Submission #308956 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 \*\***

*KZ*

**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 MANAGEMENT

**HOBBS OCD**  
**FEB 27 2018**  
**RECEIVED**

FORM 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: tstathem@cimarex.com			7. Unit or CA Agreement Name and No.		
3. Address 202 S CHEYENNE AVE., STE. 1000 TULSA, OK 74103		3a. Phone No. (include area code) Ph: 432-620-1936	8. Lease Name and Well No. COTTON DRAW 9L FEDERAL 4H		
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			9. API Well No. 30-025-43836		
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	10. Field and Pool, or Exploratory BONE SPRING WC		
18. Total Depth: MD 14855 TVD 10595	19. Plug Back T.D.: MD 14832 TVD	20. Depth Bridge Plug Set: MD TVD	11. Sec., T., R., M., or Block and Survey or Area Sec 9 T25S R32E Mer		
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	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 \*\***

*KA*

