

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

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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 - 9/15/18
⁴ API Number 30 - 025-43837	⁵ Pool Name WC 025 G-06 S252206M; Bone Spring	⁶ Pool Code 96715
⁷ Property Code 39462	⁸ Property Name Cotton Draw 9L Federal	⁹ Well Number 5H

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II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	9	25S	32E		470	SOUTH	2545	WEST	Lea

¹¹ 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
C	9	25S	32E		95	NORTH	2121	WEST	Lea

¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 09-28-18	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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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 07/08/18	²² Ready Date 09/15/18	²³ TD 15396/10529	²⁴ PBDT 15394	²⁵ Perforations 10470-15369'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	798	625 - TOC 0'		
12.25	9.625	4554	1650 - TOC 0'		
8.75	5.5	15396	2810 - TOC 0'		
	2.375	10118			

V. Well Test Data

³¹ Date New Oil 09/28/18	³² Gas Delivery Date 09/28/18	³³ Test Date 10/22/18	³⁴ Test Length 24	³⁵ Tbg. Pressure 646	³⁶ Csg. Pressure 143
³⁷ Choke Size 48/64	³⁸ Oil 1076	³⁹ Water 1535	⁴⁰ Gas 1637	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: *Terri Stathem*
Printed name: Terri Stathem
Title: Regulatory
E-mail Address: tstathem@cimarex.com
Date: 1/8/19 Phone: 432-620-1936

OIL CONSERVATION DIVISION
Approved by: *Haren Sharp*
Title: *Staff Mgr*
Approval Date: *1-23-19*
Documents pending BLM approvals will subsequently be reviewed and scanned

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JAN 22 2019

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC061873B

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.

2. Name of Operator **CIMAREX ENERGY COMPANY** Contact: **TERRI STATHEM**
E-Mail: **tstathem@cimarex.com**

8. Lease Name and Well No.
COTTON DRAW 9L FEDERAL 5H

3. Address **600 N. MARIENFELD ST, STE 600** 3a. Phone No. (include area code)
MIDLAND, TX 79701 Ph: **432-620-1936**

9. API Well No. **30-025-43837**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **SESW 470FSL 2545FWL 32.138972 N Lat, 103.680383 W Lon**
At top prod interval reported below **SESW 470FSL 2545FWL 32.138972 N Lat, 103.680383 W Lon**
At total depth **NENW 95FNL 2121FWL**

10. Field and Pool, or Exploratory
WILDCAT BONE SPRING
11. Sec., T., R., M., or Block and Survey
or Area **Sec 9 T25S R32E Mer**
12. County or Parish
LEA 13. State
NM

14. Date Spudded **07/08/2018** 15. Date T.D. Reached **07/28/2018** 16. Date Completed
 D & A Ready to Prod.
09/15/2018

17. Elevations (DF, KB, RT, GL)*
3445 GL

18. Total Depth: MD **15396** TVD **10529** 19. Plug Back T.D.: MD **15394** TVD **10529** 20. Depth Bridge Plug Set: MD **15394** TVD **10529**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NONE 22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No 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	798		625		0	0
12.250	9.625 J55	40.0	0	4544		1650		0	0
8.750	5.500 P110	20.0	0	15396		2810		0	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)
2.875	10118	10118						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10470	15369	10470 TO 15369	0.410	768	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10470 TO 15369	252891 BBLs TOTAL FLUID; 11849858# 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
09/28/2018	10/22/2018	24	→	1076.0	1637.0	1535.0	39.5		GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48	SI	143.0	→	1076	1637	1535	1521	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

Documents pending BLM approvals will subsequently be reviewed and scanned.

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
LAMAR	798	4585		RUSTLER	798
BELL CANYON	4585	4625		LAMAR	4585
BONE SPRING	4625	8450		BELL CANYON	4625
				BONE SPRING	8450

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 #449793 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Hobbs**

Name (please print) TERRI STATHEM Title MANAGER REGULATORY COMPLIANCE

Signature _____ (Electronic Submission) Date 01/08/2019

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.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

5. Lease Serial No.
NMLC061873B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

8. Well Name and No.
COTTON DRAW 9L FEDERAL 5H

9. API Well No.
30-025-43837

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
CIMAREX ENERGY COMPANY
Contact: TERRI STATHEM
E-Mail: tstatthem@cimarex.com

3a. Address
600 N. MARIENFELD ST, STE 600
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 432-620-1936

10. Field and Pool or Exploratory Area
WC BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 9 T25S R32E SESW 470FSL 2545FWL

11. County or Parish, State
LEA COUNTY, NM

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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 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.

Completion:

08/26/18 Press test 9900# for 30 mins. OK.
09/05/18 to
09/12/18 Perf Bone Spring @ 10470-15369', 768 holes, .41. Frac w/ 252891 bbls total fluid & 11849858# sand. SWI pending drill out.
09/15/18 Drill out plugs. CO to PBTB @ 15394'. Flowback well.
09/18/18 SWI pending pkr & tbg installation.
09/21/18 RIH w/ pkr, tbg & GLV & set @ 10118'. Turn well to production

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #449621 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 01/08/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____
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 know. States any false, fictitious or fraudulent statements or representations as to any matter within its juri.

Documents pending BLM approvals will subsequently be reviewed and scanned te