

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. 600 N. Marienfeld St. Suite 600 Midland, TX 7901		<sup>2</sup> OGRID Number 215099
		<sup>3</sup> Reason for Filing Code/ Effective Date NW / 02/27/2019
<sup>4</sup> API Number 30-025-45200	<sup>5</sup> Pool Name WC-025 G-08 S203506D; Bone Spring	<sup>6</sup> Pool Code 97983
<sup>7</sup> Property Code 313878	<sup>8</sup> Property Name Lea 7 Federal Com	<sup>9</sup> Well Number 30H

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
P	07	20S	35E		191	South	1139	East	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
A	07	20S	35E		101	North	641	East	Lea
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 02/27/2019	<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 R&M PO Box 2039 Tulsa OK 74102	O
159160	Versado Gas Processors 811 Louisiana, Suite 2100 Houston, TX 77002	G

IV. Well Completion Data

<sup>21</sup> Spud Date 11/29/2018	<sup>22</sup> Ready Date 02/27/2019	<sup>23</sup> TD 16,076'	<sup>24</sup> PBDT 16,073'	<sup>25</sup> Perforations 11,546'-16,048'	<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		
17-1/2"	13-3/8"	1764'	2255 sx -TOC 0		
12-1/4"	9-5/8"	5658'	3823 sx -TOC 0		
8-3/4"	5-1/2"	16,076'	2800 sx -TOC 1350'		

V. Well Test Data

<sup>31</sup> Date New Oil 02/27/2019	<sup>32</sup> Gas Delivery Date 02/27/2019	<sup>33</sup> Test Date 03/24/2019	<sup>34</sup> Test Length 24	<sup>35</sup> Tbg. Pressure 0	<sup>36</sup> Csg. Pressure 465
<sup>37</sup> Choke Size 128	<sup>38</sup> Oil 1325	<sup>39</sup> Water 1505	<sup>40</sup> Gas 1402		<sup>41</sup> Test Method F

<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:  
Fatima Vasquez

Title:  
Regulatory Analyst

E-mail Address:  
fvasquez@cimarex.com

Date:  
04/30/2019

Phone:  
(432) 620-1933

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Documents pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.  
NMNM128835

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.  
LEA 7 FEDERAL COM 30H

2. Name of Operator

CIMAREX ENERGY COMPANY

Contact: FATIMA VASQUEZ  
E-Mail: fvasquez@cimarex.com9. API Well No.  
30-025-45200

3a. Address

600 N MARIENFELD ST STE 600  
MIDLAND, TX 79701

3b. Phone No. (include area code)

Ph: 432-620-1933

10. Field and Pool or Exploratory Area  
WC; BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 7 T20S R35E SESE 191FSL 1139FEL  
32.580939 N Lat, 103.491739 W Lon

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
	<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 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.

11/29/2018 Spud well.

11/29/2018 Drill to 282'. 100% lost returns on surface &amp; mud returns. 8"/10" hole in cellar floor. RIH w/ 5" drill pipe. Squeeze 805 sx cmt, 14.8 ppg, 1.33 yld. WOC 9.5 hrs.

11/30/2018 Drill cmt 223'-285'. TD 17-1/2" surface hole @ 1764'.

12/01/2018 RIH w/13-3/8", J-55, 54.5#, BT&amp;C csg &amp; set @ 1764'. Mix &amp; pump lead: 1150 sx Class C, 13.5 ppg, 1.73 yld; tail w/ 300 sx Class C, 14.8 ppg, 1.34 yld Class C. Circ 542 sx to surface. WOC 8 hrs.

12/03/2018 Test csg to 1500# for 30 mins. Ok.

12/05/2018 TD 12-1/4" int hole @5673'.

12/06/2018 RIH w/ 9-5/8", J-55, 40#, LTC csg &amp; set @ 5658'. Mix &amp; pump lead: 600 sx Class C, 12.9 ppg, 1.79 yld; tail w/ 223 sx Class C, 14.8 ppg, 1.33 yld. DV tool @ 3526'. Pkr @ 3536'. No cmt circ off of top of DV tool. 2nd stage cmt: 3000 sx Class C, 12.9 ppg, 1.79 yld. Circ 847 sx to

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

Electronic Submission #463495 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY, sent to the Hobbs

Name (Printed/Typed) FATIMA VASQUEZ

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 04/30/2019

**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 #463495 that would not fit on the form**

**32. Additional remarks, continued**

surface. WOC 8 hrs.

12/07/2018 Test pkr to 5000 psi, good test. Test csg to 2800 psi, good test. Drill on plug & DV tool @ 3521'-3621'. Test csg to 2800 psi, good test. Drill cmt & float equip @ 5560'-5673'.

12/10/2018 TD vertical hole @ 10,835'.

12/15/2018 Landed 8-3/4" curve @ 11,546'.

12/21/2018 TD 8-3/4" hole @ 16,076'.

12/22/2018 RIH w/ 5-1/2", P-110, 20#, CY LT&C csg & set @10,688'-16,076'. RIH w/ 5-1/2", P-110, 20#, CY BT&C csg & set @10,688'.

12/23/2018 Mix & pump lead: 1400 sx Class H, 10.5 ppg, 2.87 yld; tail w/ 1400 sx Class H, 14.5 ppg, 1.19 yld. No cmt circ to surface. WOC 4 hrs

12/24/2018 Rig release.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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. NMNM128835
2. Name of Operator CIMAREX ENERGY COMPANY Contact: FATIMA VASQUEZ E-Mail: fvasquez@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 600 N MARIENFELD ST STE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-620-1933	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 7 T20S R35E SESE 191FSL 1139FEL 32.580939 N Lat, 103.491739 W Lon		8. Well Name and No. LEA 7 FEDERAL COM 30H
		9. API Well No. 30-025-45200
		10. Field and Pool or Exploratory Area WILDCAT; 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<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 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.

01/31/2019 Log TOC @ 1350' (CBL).  
02/03/2019 Test csg to 9850 psi for 30 min. Good test.  
02/14/2019 to  
02/21/2019 Perf Bone Spring @ 11,546'-16,048', 612 holes, .41". Frac w/ 180,683 bbls total fluid & 9,001,038# sand.  
02/24/2019 DO plugs.  
02/25/2019 Finish DO plugs. Circ well clean to PBTD @ 16,073'. SI.  
02/27/2019 Flowing well. TTP.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #463493 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Hobbs</b>	
Name (Printed/Typed) FATIMA VASQUEZ	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 04/30/2019

**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 _____		

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(Instructions on page 2)

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

Documents pending BLM approvals will  
subsequently be reviewed and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT

5. Lease Serial No.  
NMNM1288351a. 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: FATIMA VASQUEZ  
E-Mail: fvasquez@cimarex.com8. Lease Name and Well No.  
LEA 7 FEDERAL COM 30H3. Address 600 N MARIENFELD ST SUITE 600  
MIDLAND, TX 797013a. Phone No. (include area code)  
Ph: 432-620-19339. API Well No.  
30-025-45200

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface SESE 191FSL 1139FEL 32.594037 N Lat, 103.490186 W Lon  
Sec 7 T20S R35E MerAt top prod interval reported below  
Sec 7 T20S R35E Mer  
At total depth NENE 101FNL 641FEL10. Field and Pool, or Exploratory  
WC-025 G-08 S203506D; BS11. Sec., T., R., M., or Block and Survey  
or Area Sec 7 T20S R35E Mer12. County or Parish  
LEA 13. State  
NM14. Date Spudded  
11/29/201815. Date T.D. Reached  
12/21/201816. Date Completed  
☐ D & A ☒ Ready to Prod.  
02/27/201917. Elevations (DF, KB, RT, GL)\*  
3677 GL18. Total Depth: MD 16076  
TVD 1118119. Plug Back T.D.: MD 16073  
TVD20. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL22. 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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1764		2255		0	
12.250	9.625 J-55	40.0	0	5658		3823		0	
8.750	5.500 P-110	20.0	0	16076		2800		1350	

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8390	11320	11546 TO 16048	0.410	612	PRODUCING
B)						
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
11546 TO 16048	180,683 BBLS OF TOTAL FLUID & 9,001,038# 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
02/27/2019	03/24/2019	24	→	1325.0	1402.0	1505.0	42.6		FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
128	0	465.0	→	1325	1402	1505	1058	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 #463509 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OP

... RED \*\*

HOBBS OCD

MAY 06 2019

RECEIVED

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
DELAWARE SANDS BRUSHY CANYON BONE SPRINGS WOLFCAMP	5744 8202 8390 11320	8390 8390 11320	SANDSTONE; WATER SANDSTONE; WATER SANDSTONE; WATER, OIL, GAS	RUSTLER TANSIL DELAWARE SANDS BRUSHY CANYON BONE SPRING	1730 3380 5744 8202 8390

32. Additional remarks (include plugging procedure):  
Emailed logs to Zota Stevens & Chris Walls 04/30/2019.

## 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 #463509 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY, sent to the Hobbs

Name (please print) FATIMA VASQUEZ Title REGULATORY ANALYST

Signature (Electronic Submission) Date 04/30/2019

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