

# NM OIL CONSERVATION

ARTESIA DISTRICT

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  
AUG 29 2017

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

RECEIVED

☐ 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 - 015-43856		<sup>3</sup> Reason for Filing Code/ Effective Date NW 7-6-17
<sup>5</sup> Pool Name Hackberry: Bone Spring, <del>ANT</del> NW	<sup>6</sup> Pool Code 97020	
<sup>7</sup> Property Code 316496	<sup>8</sup> Property Name Hackberry 26 Federal Com	<sup>9</sup> Well Number 1H

## 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
A	26	19S	30E		915	North	1069	East	Eddy

## <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	28	19S	30E		661	North	990	East	Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 7-6-17	<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 Tulsa, OK	
226737	DCP Midstream Denver, CO	

## IV. Well Completion Data

<sup>21</sup> Spud Date 4/15/17	<sup>22</sup> Ready Date 7/6/17	<sup>23</sup> TD 5418/17' 19594'	<sup>24</sup> PBTB 19572' 19594'	<sup>25</sup> Perforations 8102' - 19547'	<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		
26	20	340	900 TOC 0' ✓		
17 1/2	13 3/8	1910	1625 TOC 0' ✓		
12 1/4	9 5/8	3460	1240 TOC 0' ✓		
8 1/4	5 1/2 8 1/2	19596	3810 TOC 0' ✓		
	2 7/8	8095			

## V. Well Test Data

<sup>31</sup> Date New Oil 7-13-17	<sup>32</sup> Gas Delivery Date 7-6-17	<sup>33</sup> Test Date 7-17-17	<sup>34</sup> Test Length 24	<sup>35</sup> Tbg. Pressure 335	<sup>36</sup> Csg. Pressure 179
<sup>37</sup> Choke Size 24/64	<sup>38</sup> Oil 413	<sup>39</sup> Water 2743	<sup>40</sup> Gas 572	<sup>41</sup> Test Method Pumping	

<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:  
Kimberleigh Rhodes

Printed name:  
Kimberleigh Rhodes

Title:  
Regulatory Technician

E-mail Address:  
khrhodes@cimarex.com

Date:  
7/24/17

Phone:  
918-560-7081

OIL CONSERVATION DIVISION

Approved by:  
Raymond J. Rodary  
Geologist

Title:  
Approval Date:  
9-11-2017

Pending BLM approvals will subsequently be reviewed and scanned

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**

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 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 _____			5. Lease Serial No. NMNM130859		
2. Name of Operator CIMAREX ENERGY COMPANY OF OK			Contact: KIMBERLEIGH RHODES Email: KiRhodes@cimarex.com		
3. Address 202 S CHEYENNE AVE SUITE 1000 TULSA, OK 74103.4346			3a. Phone No. (include area code) Ph: 918-560-7081		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE 915FNL 1069FEL At top prod interval reported below NENE 915FNL 1069FEL At total depth NENE 661FNL 990FEL			6. If Indian, Allottee or Tribe Name  7. Unit or CA Agreement Name and No. NMNM137336		
8. Lease Name and Well No. HACKBERRY 26 FEDERAL COM 1H			9. API Well No. 30-015-43856-00-S1		
10. Field and Pool, or Exploratory WILDCAT			11. Sec., T., R., M., or Block and Survey or Area Sec 26 T19S R30E Mer NMP		
12. County or Parish EDDY			13. State NM		
14. Date Spudded 04/15/2017		15. Date T.D. Reached 05/18/2017		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/06/2017	
17. Elevations (DF, KB, RT, GL)* 3271 GL		18. Total Depth: MD 19572 TVD 8384		19. Plug Back T.D.: MD 19572 TVD	
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	20.000 J-55	94.0	0	340		900		0	
17.500	13.375 J-55	54.5	0	1910		1625		0	
12.250	9.625 L-80	40.0	0	3460	2010	1240		0	
8.750	5.500 P-110	20.0	0	19596		3810		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	8095							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8102	19547	8102 TO 19547	0.430	840	OPEN - Bone Spring
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8102 TO 19547	218458 BBLs TOTAL FLUID 22572201 LBS OF 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
07/06/2017	07/17/2017	24	→	413.0	572.0	2743.0	38.5		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	335	179.0	→	413	572	2743	1385	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 #382774 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

Pending BLM approvals will subsequently be reviewed and scanned

BC 9-12-17

## 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
RUSTLER LAMAR DELAWARE BONE SPRING	1240 5035 5090 8852		OIL GAS WATER OIL GAS WATER	RUSTLER LAMAR DELAWARE BONE SPRING	1240 5035 5090 8852

## 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 #382774 Verified by the BLM Well Information System.**  
**For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad**  
**Committed to AFMSS for processing by DEBORAH HAM on 08/03/2017 (17DMH0146SE)**

Name (please print) KIMBERLEIGH RHODESTitle REGULATORY TECHNICIAN

Signature \_\_\_\_\_ (Electronic Submission)

Date 07/27/2017

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 \*\* REVISED \*\***

# **Revisions to Operator-Submitted EC Data for Well Completion #382774**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Lease:	NMNM130859	NMNM130859
Agreement:		NMNM137336 (NMNM137336)
Operator:	CIMAREX ENERGY CO 202 S CHEYENNE AVE., STE. 1000 TULSA, OK 74103 Ph: 918-585-1100	CIMAREX ENERGY COMPANY OF CO 202 S CHEYENNE AVE SUITE 1000 TULSA, OK 74103.4346 Ph: 432.620.1936
Admin Contact:	KIMBERLEIGH RHODES REGULATORY TECHNICIAN E-Mail: KiRhodes@cimarex.com  Ph: 918.560.7081	KIMBERLEIGH RHODES REGULATORY TECHNICIAN E-Mail: KiRhodes@cimarex.com  Ph: 918-560-7081
Tech Contact:	KIMBERLEIGH RHODES REGULATORY TECHNICIAN E-Mail: KiRhodes@cimarex.com  Ph: 918.560.7081	KIMBERLEIGH RHODES REGULATORY TECHNICIAN E-Mail: KiRhodes@cimarex.com  Ph: 918-560-7081
Well Name: Number:	HACKBERRY 26 FEDERAL COM 1H	HACKBERRY 26 FEDERAL COM 1H
Location: State: County: S/T/R: Surf Loc:	NM EDDY Sec 26 T19S R30E Mer NMP NENE 915FNL 1069FEL	NM EDDY Sec 26 T19S R30E Mer NMP NENE 915FNL 1069FEL
Field/Pool:	HACKBERRY BONE SPRING	WILDCAT
Logs Run:	NONE	NONE
Producing Intervals - Formations:	BONE SPRING	BONE SPRING
Porous Zones:	RUSTLER LAMAR DELAWARE BONE SPRING	RUSTLER LAMAR DELAWARE BONE SPRING
Markers:	RUSTLER LAMAR DELAWARE BONE SPRING	RUSTLER LAMAR DELAWARE BONE SPRING