

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

<sup>1</sup> Operator name and Address Cimarex Energy Co. of Colorado 600 N. Marienfeld Street, Suite 600 Midland, TX 79701		<sup>2</sup> OGRID Number 162683
		<sup>3</sup> Reason for Filing Code/ Effective Date PB - 10/23/14
<sup>4</sup> API Number 30 -015 - 34521	<sup>5</sup> Pool Name Cottonwood Draw, Upper Penn	<sup>6</sup> Pool Code 97354
<sup>7</sup> Property Code 35326	<sup>8</sup> Property Name Trinity 20 Federal Com	<sup>9</sup> Well Number 1H

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

UL or lot no. J	Section 20	Township 25S	Range 26E	Lot Idn	Feet from the 1980	North/South Line South	Feet from the 1580	East/West line East	County Eddy
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<sup>11</sup> Bottom Hole Location

UL or lot no. J	Section 20	Township 25S	Range 26E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 1580	East/West line East	County Eddy
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<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 10/23/14	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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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 P.O Box 2039; Tulsa OK	
226737	DCP Midstream. 370 17th St., Ste 2500 Denver CO	
	NM OIL CONSERVATION ARTESIA DISTRICT JAN 14 2015	

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IV. Well Completion Data

<sup>21</sup> Spud Date 3/16/2007	<sup>22</sup> Ready Date 10/22/14	<sup>23</sup> TD 12280	<sup>24</sup> PBTD 10699	<sup>25</sup> Perforations 10124-10387	<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"	310	340		
12 1/4"	9 5/8"	2665	830		
8 3/4"	5 1/2"	12280	2250		
	2 3/8"	10011			

V. Well Test Data

<sup>31</sup> Date New Oil 10/23/14	<sup>32</sup> Gas Delivery Date 10/23/14	<sup>33</sup> Test Date 10/24/14	<sup>34</sup> Test Length 24 hours	<sup>35</sup> Tbg. Pressure 900	<sup>36</sup> Csg. Pressure
<sup>37</sup> Choke Size 28	<sup>38</sup> Oil 19	<sup>39</sup> Water 111	<sup>40</sup> Gas 644		<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: Paula Brunson

Printed name:  
Paula Brunson

Title:  
Regulatory Analyst

E-mail Address:  
pbrunson@cimarex.com

Date: 1/12/15 Phone: 432-571-7848

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Pending BLM approvals will  
subsequently be reviewed  
and scanned

# NM OIL CONSERVATION

ARTESIA DISTRICT

JAN 14 2015

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM92160

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: PAULA BRUNSON  
E-Mail: pbrunson@cimarex.com

8. Lease Name and Well No.  
TRINITY 20 FEDERAL COM 1

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

3a. Phone No. (include area code)  
Ph: 432-571-7848

9. API Well No.  
30-015-34521

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

At surface NWSE 1980FSL 1580FEL

At top prod interval reported below NWSE 1980FSL 1580FEL

At total depth NWSE 1980FSL 1580FEL

10. Field and Pool, or Exploratory  
COTTONWOOD DRAW

11. Sec., T., R., M., or Block and Survey  
or Area Sec 20 T25S R26E Mer

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
03/16/2007

15. Date T.D. Reached  
04/18/2007

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
10/22/2014

17. Elevations (DF, KB, RT, GL)\*  
3430 GL

18. Total Depth: MD  
TVD 12280

19. Plug Back T.D.: MD  
TVD 10699

20. Depth Bridge Plug Set: MD  
TVD 10735

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	310		340		0	
12.250	9.625 J55	40.0	0	2665		830		0	
8.750	5.500 P110	17.0	0	12280	7893	2250		2620	

### 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	10011	10011						

### 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) CISCO CANYON	10124	10387	1151 TO 11577	0.320	146	ABANDONED. CIBP @ 11110 W/4
B)			10124 TO 10387	0.460	141	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
10124 TO 10387	8029 BBLS FRAC FLUID, 288206 # 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
10/23/2014	10/24/2014	24	→	19.0	644.0	111.0	55.0		ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
28	900 SI		→	19	644	111	33894	PGW	

### 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		→						

Pending BLM approvals will  
subsequently be reviewed  
and scanned

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #287768 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
				B. SALT	1252
				DELAWARE	1824
				BONE SPRING	5315
				FBSS	6233
				SBSS	7535
				TBSS	8062
				WOLFCAMP	8392
				CISCO CANYON	10098

## 32. Additional remarks (include plugging procedure):

Formation Markers (con't):

Strawn 10388  
Atoka 10600  
Morrow 11132  
L Morrow 11928

Attachments:  
C-102

## 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 #287768 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (please print) PAULA BRUNSON

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/13/2015

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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