

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. Marientfeld Suite 600 Midland TX 79701		<b>NM OIL CONSERVATION</b> ARTESIA DISTRICT		<sup>2</sup> OGRID Number 0743	<sup>3</sup> Reason for Filing Code/ Effective Date RC/ 4-20-2017
<sup>4</sup> API Number 30 - 015-33394	<sup>5</sup> Pool Name White City, Penn (Gas)		JUL 24 2017		<sup>6</sup> Pool Code 87280
<sup>7</sup> Property Code 303008	<sup>8</sup> Property Name White City 31 Federal		<sup>9</sup> Well Number 2		

**RECEIVED**

**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
K	31	24S	26E		2150'	South	1700'	West	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
K	31	24S	26E		2591'	South	1490'	West	Eddy

<sup>12</sup> Lse Code	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
F	P	2/16/2017			

**III. Oil and Gas Transporters**

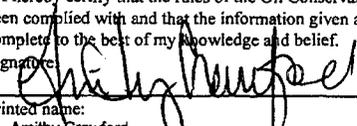
<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
151618	Enterprise Field Services, LLC PO BOX 4503 Houston TX 77210	G
21778	Sunoco Inc R&M PO BOX 2039 Tulsa OK	O

**IV. Well Completion Data**

<sup>21</sup> Spud Date	<sup>22</sup> Ready Date	<sup>23</sup> TD	<sup>24</sup> PBSD	<sup>25</sup> Perforations	<sup>26</sup> DHC, MC
12/23/2004	4/20/2017	12150'	10334'	10184'-9967'	DHC-4808 - A
<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" J55 54.5#		208'	348 sks
12 1/4"		9 5/8" NS110 40#		1685'	800 sks
8 3/4"		5 1/2" P110 17#		12150'	2645 sks, TOC 490'
		2 7/8"		8360'	

**V. Well Test Data**

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date	<sup>34</sup> Test Length	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
4/27/2017	4/20/2017	5/1/2017	24 hours	1950	0
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas	<sup>41</sup> Test Method	
24	8	134	177		

<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: Amithy Crawford Title: Regulatory Analyst E-mail Address: acrawford@cimarex.com Date: 7/20/2017 Phone: 432-620-1909	OIL CONSERVATION DIVISION
	Approved by:
	Title:
	Approval Date:

Pending BLM approvals will subsequently be reviewed and scanned

BC 7-26-17

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. **NMNM0441951A**

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 CO** Contact: **AMITHY E CRAWFORD**  
E-Mail: **acrawford@cimarex.com**

8. Lease Name and Well No. **WHITE CITY 31 FEDERAL 2**

3. Address **202 S. CHEYENNE AVE STE 1000** 3a. Phone No. (include area code)  
**TULSA, OK 74103** Ph: **432-620-1909**

9. API Well No. **30-015-33394**

4. Location of Well (Report location clearly and in accordance with Federal Acquisition Regulation)  
At surface **2150FSL 1700FWL**  
At top prod interval reported below **2150FSL 1700FWL**  
At total depth **2591FSL 1490FWL**

10. Field and Pool, or Exploratory **WHITE CITY; PENN**  
11. Sec., T., R., M., or Block and Survey or Area **Sec 31 T24S R26E Mer**  
12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **12/23/2004** 15. Date T.D. Reached **01/25/2005** 16.  Drilling Completed  Drilling Ready to Prod.  
**RECEIVED 04/20/2017**

17. Elevations (DF, KB, RT, GL)\* **3493 GL**

18. Total Depth: MD **12150** TVD **12079** 19. Plug Back T.D.: MD **10334** TVD **10334** 20. Depth Bridge Plug Set: MD **10369** TVD **10369**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**PRODUCTION LOG**

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 J55	54.5	0	205		348		0	
12.250	9.625 NS110	40.0	0	1685		800		0	
8.750	5.500 P100	17.0	0	12150		2645		490	

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	8360	8360						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	8458	9939	8458 TO 9939	0.420	244	OPEN
B) CISCO CANYON	9967	10184	9967 TO 10181	0.420	61	OPEN
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	8458	9939	8458 TO 9939	0.420	244	OPEN
B) CISCO CANYON	9967	10184	9967 TO 10181	0.420	61	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
8458 TO 9939	2632412 GAL SLICKWATER & 3454617 LBS PROP
9967 TO 10181	827576 GAL SLICKWATER & 1000294 LBS PROP

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
04/20/2017	05/01/2017	24	→	73.0	1611.0	1219.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24	SI 1950		→	73	1611	1219		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
04/20/2017	05/01/2017	24	→	8.0	177.0	134.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24	SI 1950		→	8	177	134		PGW	

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

ELECTRONIC SUBMISSION #382279 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Pending BLM approvals will subsequently be reviewed and scanned  
20 7-26-17

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

32. Additional remarks (include plugging procedure):  
Set CIBP at 10369' with 35' cement on top. Abandon Strawn Formation.

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 #382279 Verified by the BLM Well Information System.  
For CIMAREX ENERGY CO, sent to the Carlsbad**

Name (please print) AMITHY E CRAWFORD Title REGULATORY ANALYST

Signature (Electronic Submission) Date 07/24/2017

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.