

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. 600 N. Marienfeld Street, Suite 600 Midland, TX 79701		<sup>2</sup> OGRID Number 215099
		<sup>3</sup> Reason for Filing Code/ Effective Date NW 5/6/15
<sup>4</sup> API Number 30 - 015-42034	<sup>5</sup> Pool Name WC-015 5262728 <sup>o</sup> ; Wolfcamp (gas)	<sup>6</sup> Pool Code 98017
<sup>7</sup> Property Code 40358	<sup>8</sup> Property Name Klein 33 Federal Com	<sup>9</sup> Well Number 6H

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

UL or lot no. 3	Section 33	Township 26S	Range 27E	Lot Idn	Feet from the 210	North/South Line South	Feet from the 2000	East/West line West	County Eddy
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**<sup>11</sup> Bottom Hole Location**

UL or lot no. C	Section 33 28	Township 26S	Range 27E	Lot Idn	Feet from the 341	North/South line North	Feet from the 2018	East/West line West	County Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 5/12/15	<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 P O Box 2039; Tulsa OK	
226737	DCP Midstream. 370 17th St., Ste 2500 Denver CO	
NM OIL CONSERVATION ARTESIA DISTRICT JUL 01 2015 RECEIVED		

**IV. Well Completion Data**

<sup>21</sup> Spud Date 12/16/14	<sup>22</sup> Ready Date 5/6/15	<sup>23</sup> TD 16,393' / 9800	<sup>24</sup> PBDT 16,368'	<sup>25</sup> Perforations 9,647'-16,434'	<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"	415	448		
12 1/4"	9 5/8"	1955	842		
8 3/2"	7"	9836	913		
6	4 1/2"	16393	600 TOC @ 8783		

**V. Well Test Data**

<sup>31</sup> Date New Oil 5/12/15	<sup>32</sup> Gas Delivery Date 5/12/15	<sup>33</sup> Test Date 5/18/15	<sup>34</sup> Test Length 24 hours	<sup>35</sup> Tbg. Pressure 0	<sup>36</sup> Csg. Pressure 3350
<sup>37</sup> Choke Size 18/64	<sup>38</sup> Oil 404	<sup>39</sup> Water 1273	<sup>40</sup> Gas 3530	<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:

Printed name:

Aricka Easterling

Title:

Regulatory Analyst

E-mail Address:

aeasterling@cimarex.com

Date:

6/30/15

Phone:

918-560-7060

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

7-10-15

Pending BLM approvals will  
subsequently be reviewed  
and scanned

Provide NMOCD with complete set of logs

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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 reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM114350
2. Name of Operator CIMAREX ENERGY COMPANY		6. If Indian, Allottee or Tribe Name
Contact: ARICKA EASTERLING E-Mail: aeasterling@cimarex.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 202 S CHEYENNE AVE, SUITE 1000 TULSA, OK 74103	3b. Phone No. (include area code) Ph: 918-560-7060	8. Well Name and No. KLEIN 33 FEDERAL COM 6H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T26S R27E SESW 210FSL 2000FWL		9. API Well No. 30-015-42034
		10. Field and Pool, or Exploratory WOLFCAMP
		11. County or Parish, and State EDDY COUNTY, NM

12. CHECK 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"/> Fracture Treat	<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 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

4/16/15 Test casing to 7500 psi for 30 min. Test Good. TC @ 8783.  
4/19/15 to 4/25/15 Perf wolfcamp @ 9647-6434, 696 holes. Frac w/ 9,701,733 Gal total fluid & 8,270,372 # Sand.  
5/3/15 to 5/5/15 Mill plugs. wash to bottom perf @ 16434. PBTD @ 16368.  
5/6/15 Flow well.  
5/9/15 Turn well to production.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
JUL 01 2015

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #307633 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Carlsbad	
Name (Printed/Typed) ARICKA EASTERLING	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 06/30/2015

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 _____

Pending BLM approvals will  
subsequently be reviewed  
and scanned *LRD*

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowing States any false, fictitious or fraudulent statements or representations as to any matter within its jurisd

Department or agency of the United

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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.  
NMNM114350

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.  
KLEIN 33 FEDERAL COM 6H

2. Name of Operator  
CIMAREX ENERGY COMPANY

Contact: TERRI STATHEM  
E-Mail: tstatthem@cimarex.com

9. API Well No.  
30-015-42034

3a. Address  
202 S. CHEYENNE AVE, STE 1000  
TULSA, OK 74103

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

10. Field and Pool, or Exploratory  
WC WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 33 T26S R27E SESW 210FSL 2000FWL

11. County or Parish, and State  
EDDY COUNTY, NM

**12. CHECK 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"/> Fracture Treat	<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	
	<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 recomple 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Cimarex Energy Co. respectfully requests approval to classify the well as a gas well. The well has been drilled and completed in the Wolfcamp, 16393' MD, 9801' TVD.

The well is a wet gas well with the gravity of the oil @ 59.0 degrees. This would indicate a gas well classification.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

JUL 10 2015

RECEIVED

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

**Electronic Submission #308741 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY, sent to the Carlsbad**

Name (Printed/Typed) TERRI STATHEM

Title MANAGER REGULATORY COMPLIANCE

Signature (Electronic Submission)

Date 07/10/2015

**THIS SPACE FOR FEDERAL OR STATE OFFICIAL 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

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Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

any to make to any department or agency of the United

**\*\* 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.
BELL CANYON	2085	3020	WATER	SALADO	1320
CHERRY CANYON	3140	3980	WATER	CASTILLE	1848
BRUSHY CANYON	4980	5230	WATER	BELL CANYON	2026
BONE SPRING	7050	7440	WATER & OIL	CHERRY CANYON	3025
BONE SPRING	8340	8670	WATER	BRUSHY CANYON	4110
WOLFCAMP	9550	9930	WATER & GAS	BONE SPRING	5630
				WOLFCAMP	8675

32. Additional remarks (include plugging procedure):  
Logs were sent to Carlsbad Office via Fed Ex.

## 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 #307669 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY, sent to the Carlsbad

Name (please print) ARICKA EASTERLING

Title REGULATORY ANALYST

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

Date 07/01/2015

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***