

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 - 5/20/14
<sup>4</sup> API Number 30 - 015 - 41850	<sup>5</sup> Pool Name Cottonwood Draw; Bone Spring	<sup>6</sup> Pool Code 97494
<sup>7</sup> Property Code 37374	<sup>8</sup> Property Name Marquardt Federal	<sup>9</sup> Well Number 12H

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

UL or lot no. P	Section 12	Township 25S	Range 26E	Lot Idn	Feet from the 330	North/South Line South	Feet from the 400	East/West line East	County Eddy
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<sup>11</sup> Bottom Hole Location

UL or lot no. A	Section 12	Township 25S	Range 26E	Lot Idn	Feet from the 336	North/South line North	Feet from the 407	East/West line East	County Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 5/24/14	<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 JUN 27 2014		

IV. Well Completion Data

<sup>21</sup> Spud Date 3/27/14	<sup>22</sup> Ready Date 5/20/14	<sup>23</sup> TD 4/12/14	<sup>24</sup> PBTD 11587	<sup>25</sup> Perforations 7002-11350	<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"	250	290		
12 1/4 "	9 5/8"	404	200		
8 1/2"	5 1/2"	11608	2400 TOC @ 0		
	2 3/8"	6533			

V. Well Test Data

<sup>31</sup> Date New Oil 5/23/14	<sup>32</sup> Gas Delivery Date 5/24/14	<sup>33</sup> Test Date 5/25/14	<sup>34</sup> Test Length 24 hours	<sup>35</sup> Tbg. Pressure 575	<sup>36</sup> Csg. Pressure 0
<sup>37</sup> Choke Size 25/64	<sup>38</sup> Oil 259	<sup>39</sup> Water 1397	<sup>40</sup> Gas 423	<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: *Aricka Easterling*

Printed name:  
Aricka Easterling

Title:  
Regulatory Analyst

E-mail Address:  
aeasterling@cimarex.com

Date:  
6/24/14

Phone:  
918-560-7060

Approved by:

Title:

Approval Date:

Pending BLM approvals will  
subsequently be reviewed  
and scanned

OIL CONSERVATION DIVISION

*Dr. Daele*

*Dr. H. Spenser*

7-2-14

3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**CONFIDENTIAL**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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM14124
2. Name of Operator CIMAREX ENERGY COMPANY Contact: ARICKA EASTERLING E-Mail: aeasterling@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 202 S. CHEYENNE, SUITE 1000 TULSA, OK 74103	3b. Phone No. (include area code) Ph: 918-560-7060	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 12 T25S R26E SESE 330FSL 400FEL		8. Well Name and No. MARQUARDT FEDERAL 12H
		9. API Well No. 30-015-41850
		10. Field and Pool, or Exploratory COTTONWOOD DRAW; BS
		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
	<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 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.)

**Completion:**

4/26/14 - Test Casing to 9000psi. Test Good, TOC @ 0'.  
5/13/14 to 5/15/14 - Perf Bone Spring @ 7002'-11350'. 672 holes, Frac w/ 3,211,470 gal Frac fluid & 4,900,000 # Sand  
5/16/14 - Mill out plugs. Wash to PBTD @ 11587. Flow Well.  
5/19/14 - RIH w/ 2 3/8 tubing, packer & GLV's. Set tbg & packer @ 6533. GLV's @ 1889, 3004, 3530, 4056, 4549, 5043, 5536, 6030, & 6490.  
5/20/14 - Turn well over to production.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

JUN 27 2014

Accepted for record

NMOCDD 7-2-14

**RECEIVED**

14. I hereby certify that the foregoing is true and correct. Electronic Submission #250901 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 06/26/2014

**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

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

Department or agency of the United

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