

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

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

State of New Mexico  
Energy, Minerals & Natural Resources

**HOBBS OGD**

Form C-104  
Revised August 1, 2011

FEB 17 2015

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

JAN 29 2015

RECEIVED

AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address Cimarex Energy Co. 600 N. Marienfeld St., Ste. 600 Midland, TX 79701		<sup>2</sup> OGRID Number 215099
		<sup>3</sup> Reason for Filing Code/ Effective Date NW 9-20-14
<sup>4</sup> API Number 30-015-41793	<sup>5</sup> Pool Name Forty Niner Ridge Bone Spring	<sup>6</sup> Pool Code 24720
<sup>7</sup> Property Code 39937	<sup>8</sup> Property Name Sandy Federal	<sup>9</sup> Well Number 23H

**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
P	23	23S	30E		165	South	250	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
O	25	23S	30E		330	South	2267	East	Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 9-20-14	<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 Mistream 370 17th St, Ste 2500; Denver CO	

**IV. Well Completion Data**

<sup>21</sup> Spud Date 7-9-14	<sup>22</sup> Ready Date 9-20-14	<sup>23</sup> TD 16505/9865	<sup>24</sup> PBDT 16457	<sup>25</sup> Perforations 10700-16432	<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	372	390		
12 1/4	9 5/8	3855	1510		
8 3/4 & 8 1/2	5 1/2	16505	3340- TOC 1154'		
	2-3/8	9240			

**V. Well Test Data**

<sup>31</sup> Date New Oil 9-23-14	<sup>32</sup> Gas Delivery Date 10-3-14	<sup>33</sup> Test Date 10-7-14	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure 0	<sup>36</sup> Csg. Pressure 1300
<sup>37</sup> Choke Size 8/64	<sup>38</sup> Oil 284	<sup>39</sup> Water 736	<sup>40</sup> Gas 557	<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: *Cristen Burdell*  
Printed name: Cristen Burdell  
Title: Regulatory  
E-mail Address: Cburdell@cimarex.com  
Date: 01-19-14  
Phone: 918-560-7038

OIL CONSERVATION DIVISION  
Approved by: *W. Dade*  
Title: *Deputy Director*  
Approval Date: *2-20-15*

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

**NM OIL CONSERVATION**

Form 3160-5  
(August 2007)

ARTESIA DISTRICT

FEB 17 2015

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOESOCOD

JAN 22 2015

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.*

RECEIVED

**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	8. Well Name and No. SANDY FEDERAL 23H
2. Name of Operator CIMAREX ENERGY COMPANY Contact: CRISTEN BURDELL E-Mail: cburdell@cimarex.com	9. API Well No. 30-015-41793
3a. Address 202 S. CHEYENNE AVE STE 1000 TULSA, OK 74103	10. Field and Pool, or Exploratory WILDCAT
3b. Phone No. (include area code) Ph: 918-560-7038	11. County or Parish, and State EDDY COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T23S R30E SESE 165FSL 250FEL	

**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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other

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 recomplete 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.)

Drilling  
7/9/14 Spud Well  
7/10/14 TD 17 1/2 Surface Hole at 372. Ran 13 3/8 48#, J-55 ST&C Casing to 372  
Mix & Pump tail cmt: 390 sxs of Class C cmt, 14.8 ppg, 1.34 yld. Circ 88 sxs of cmt to surface.  
WOC 24+ hrs.  
7/11/14 Test Casing to 1500 psi for 30 min, good test.  
7/14/14 TD 12 1/4 Hole at 3855  
7/15/14 Ran 9 5/8 36# J-55 LT&C Casing to 3855. Mix & Pump Lead cmt: 1200 sxs of POZ C cmt, 12.9 ppg, 1.88 yld. Tail cmt: 310 sxs of class C cmt, @ 14.8 ppg, 1:33 yld. Circ 305 sxs of cmt to surface. WOC 24+hrs.  
7/17/14 Test casing to 1500 psi for 30 min, good test.  
8/03/14 TD Well at 16505

RD 2/24/15  
Accepted for record  
NMOCOD

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #286774 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Carlsbad**

Name (Printed/Typed) CRISTEN BURDELL	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 01/05/2015

**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

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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

**Additional data for EC transaction #286774 that would not fit on the form**

**32. Additional remarks, continued**

8/4&5/14 Ran 5 1/2 17#, P-110 BT&C to 16505.

8/06/14 Mix & Pump Lead.cmt: 1340 sxs Poz H cmt, 11.9 ppg, 2.38 yld. Tail cmt; 2000 sxs of Poz H cmt, 14.5 ppg, 1.33 yld. Circ 543 sxs of cement to surface. WOC.

8/7/14 Rig Released

**Completion**

8/21/14 TOC @ 1154. BLM approved annulus press test gauge be installed and monitored on well.

Test csg to 1000# for 30 mins. OK.

8/22/14 Test csg to 8500# for 30 mins. Ok. PBSD @ 16457. SI for frac.

9/07/14 to

9/09/14 Perf Bone Spring @ 10700-16432, .54, 480 holes. Frac w/ 2348064 gals total fluid,

3348619# sand. SI pending engineering plan.

9/12/14 Mill out plugs and CO to PBSD.

9/14/14 Flowback well.

9/20/14 RIH w/ 2-3/8 tbg, pkr and GLV & Set @ 9240. GLV @ 1869, 3025, 3778, 4486, 5200, 5913, 6596, 7246, 7897, 8546, 9198. Turn well over to production.

Cimarex to file name change sundry ? Well name: Forty Niner Ridge 25 Federal #222H.