

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

OCT 05 2017

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

Form C-104  
Revised August 1, 2011

**RECEIVED**

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. 202 S Cheyenne Ave., Ste 1000 Tulsa, OK 74103		<sup>2</sup> OGRID Number 215099
<sup>4</sup> API Number 30-015-42166		<sup>3</sup> Reason for Filing Code/ Effective Date NW-7-21-17
<sup>5</sup> Pool Name <i>Hay Hollow</i> <del>Purple Sage Wollcamp</del> <b>Bone Spring</b>	<sup>6</sup> Pool Code <del>0820</del> <b>30215</b>	
<sup>7</sup> Property Code 40444	<sup>8</sup> Property Name Hornsby 35 Fed Com	<sup>9</sup> Well Number 4H

*Hay Hollow  
BSPLG.*

**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
3	35	26S	27E		290	SOUTH	2110	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
C	26	26S	27E		330	NORTH	1708	WEST	EDDY
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 7-29-17	<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 PO Box 2039; Tulsa OK	
226737	DCP Midstream 370 17 <sup>th</sup> St, Ste 2500; Denver CO	

**IV. Well Completion Data**

<sup>21</sup> Spud Date 4-12-17	<sup>22</sup> Ready Date 7-21-17	<sup>23</sup> TD <i>14502/7737</i>	<sup>24</sup> PBDT 14465	<sup>25</sup> Perforations 7853' - 14313'	<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		
17.5	13.375	410	515 - TOC 0' ✓		
12.25	9.625	2195	900 - TOC 0' ✓		
8.5	5.5	14502	2650 - TOC 0' ✓		
	2.375	7236			

**V. Well Test Data**

<sup>31</sup> Date New Oil 7-28-17	<sup>32</sup> Gas Delivery Date 7-29-17	<sup>33</sup> Test Date 8-7-17	<sup>34</sup> Test Length 24	<sup>35</sup> Tbg. Pressure 520	<sup>36</sup> Csg. Pressure 0
<sup>37</sup> Choke Size 40/64	<sup>38</sup> Oil 308	<sup>39</sup> Water 1746	<sup>40</sup> Gas 951 Sunoco Inc. R & M	<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: *Kimberleigh Rhodes*  
Printed name: Kimberleigh Rhodes

Title: Regulatory Technician

E-mail Address: [kirhodes@cimarex.com](mailto:kirhodes@cimarex.com)

Date: 09/28/2017 Phone: 918-560-7081

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

*Raymond H. Podany*  
*Geologist*  
*10-5-2017*

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION

ARTESIA DISTRICT

OCT 05 2017

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM120350	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator CIMAREX ENERGY CO.		7. Unit or CA Agreement Name and No.	
Contact: KIMBERLEIGH RHODES E-Mail: KIRhodes@cimarex.com		8. Lease Name and Well No. HORNSBY 35 FEDERAL COM 4H	
3. Address 202 S CHEYENNE AVE STE 1000 TULSA, OK 74103		9. API Well No. 30-015-42166	
3a. Phone No. (include area code) Ph: 918-560-7081		10. Field and Pool, or Exploratory WILDCAT	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 35 T26S R27E Mer 290FSL 2110FWL At top prod interval reported below Sec 35 T26S R27E Mer 290FSL 2110FWL At total depth Sec 26 T26S R27E Mer 330FNL 1708FWL		11. Sec., T., R., M., or Block and Survey or Area Sec 35 T26S R27E Mer	
14. Date Spudded 04/12/2017		12. County or Parish EDDY	
15. Date T.D. Reached 05/06/2017		13. State NM	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/21/2017		17. Elevations (DF, KB, RT, GL)* 3225 GL	
18. Total Depth: MD 14536 TVD 7709		19. Plug Back T.D.: MD 14512 TVD 7709	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each)	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	48.0	0	410	0	515		0	0
12.250	9.625 J55	36.0	0	2195	0	900		0	0
8.500	5.500 L80	17.0	0	14502	0	2650		0	0

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	7236	7236						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7853	14463	7853 TO 14463	0.420	1280	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7853 TO 14463	299668 BBLs TOTAL FLUID AND 16118910 # 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
07/21/2017	08/07/2017	24	→	308.0	951.0	1746.0	49.3		FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
40/64	SI	0.0	→	308	951	1746	3088	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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #390867 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OP

Pending BLM approvals will subsequently be reviewed and scanned

SC 10-5-17

## 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.)  
CAPTURED

## 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	2333	3312	WATER	BELL CANYON	2333
CHERRY CANYON	3453	4280	WATER	CHERRY CANYON	3453
BRUSHY CANYON	5268	5574	WATER	BRUSHY CANYON	5268
BONE SPRING	7380	7725	WATER & OIL	BONE SPRING	7380 ✓

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

## 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 #390867 Verified by the BLM Well Information System.  
For CIMAREX ENERGY CO., sent to the Carlsbad

Name (please print) KIMBERLEIGH RHODESTitle REGULATORY TECHNICIAN

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

Date 10/04/2017

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.

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