

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<br>Cimarex Energy Co. of Colorado<br>600 N. Marienfeld St., Ste. 600<br>Midland, TX 79701 |                                                      | <sup>2</sup> OGRID Number<br>162683                              |
|                                                                                                                                  |                                                      | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW 5/6/13 |
| <sup>4</sup> API Number<br>30 -015-41115                                                                                         | <sup>5</sup> Pool Name<br>Hackberry; Bone Spring, NW |                                                                  |
|                                                                                                                                  |                                                      | <sup>6</sup> Pool Code<br>97020                                  |
| <sup>7</sup> Property Code<br>34225                                                                                              | <sup>8</sup> Property Name<br>Hackberry 23 Federal   | <sup>9</sup> Well Number<br>1H                                   |

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

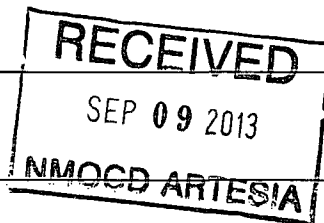
|                    |               |                 |              |         |                       |                           |                      |                        |                |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|----------------|
| UL or lot no.<br>E | Section<br>24 | Township<br>19S | Range<br>30E | Lot Idn | Feet from the<br>1980 | North/South Line<br>North | Feet from the<br>180 | East/West line<br>West | County<br>Eddy |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|----------------|

**<sup>11</sup> Bottom Hole Location**

|                             |                                             |                                                |                                   |                                    |                                     |                           |                      |                        |                |
|-----------------------------|---------------------------------------------|------------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|----------------------|------------------------|----------------|
| UL or lot no.<br>E          | Section<br>23                               | Township<br>19S                                | Range<br>30E                      | Lot Idn                            | Feet from the<br>1842               | North/South line<br>North | Feet from the<br>341 | East/West line<br>West | County<br>Eddy |
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method<br>Code<br>P | <sup>14</sup> Gas Connection<br>Date<br>5/9/13 | <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<br>OGRID | <sup>19</sup> Transporter Name<br>and Address    | <sup>20</sup> O/G/W |
| 21778                              | Sunoco Inc. R & M<br>P O Box 2039; Tulsa OK      |                     |
| 226737                             | DCP Mistream<br>370 17th St, Ste 2500; Denver CO |                     |
|                                    |                                                  |                     |
|                                    |                                                  |                     |
|                                    |                                                  |                     |
|                                    |                                                  |                     |



**IV. Well Completion Data**

|                                    |                                    |                           |                             |                                          |                       |
|------------------------------------|------------------------------------|---------------------------|-----------------------------|------------------------------------------|-----------------------|
| <sup>21</sup> Spud Date<br>2/23/13 | <sup>22</sup> Ready Date<br>5/6/13 | <sup>23</sup> TD<br>13355 | <sup>24</sup> PBTB<br>13352 | <sup>25</sup> Perforations<br>8748-13327 | <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  |                                          |                       |
| 20                                 | 16                                 | 320                       | 495                         |                                          |                       |
| 14-3/4                             | 11-3/4                             | 1772                      | 950                         |                                          |                       |
| 11                                 | 8-5/8                              | 3475                      | 980                         |                                          |                       |
| 7-7/8                              | 5-1/2                              | 13355                     | 2290 TOC 310'               |                                          |                       |
|                                    | 2-7/8                              | 7914                      |                             |                                          |                       |

**V. Well Test Data**

|                                        |                                           |                                    |                                     |                                    |                                    |
|----------------------------------------|-------------------------------------------|------------------------------------|-------------------------------------|------------------------------------|------------------------------------|
| <sup>31</sup> Date New Oil -<br>5/9/13 | <sup>32</sup> Gas Delivery Date<br>5/9/13 | <sup>33</sup> Test Date<br>5/28/13 | <sup>34</sup> Test Length<br>24 hrs | <sup>35</sup> Tbg. Pressure<br>280 | <sup>36</sup> Csg. Pressure<br>120 |
| <sup>37</sup> Choke Size<br>12/64      | <sup>38</sup> Oil<br>465                  | <sup>39</sup> Water<br>1238        | <sup>40</sup> Gas<br>700            | <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:  
Engineer Tech

E-mail Address:  
AEasterling@cimarex.com

Date:  
9/3/13

Phone:  
918-560-7060

OIL CONSERVATION DIVISION

Approved by:

*T. C. Shepard*

Title:

**"Geologist"**

Approval Date:

*9/12/2013*