

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, 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 June 10, 2003

Submit to Appropriate District Office  
5 Copies

☐ 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., Ste. 600<br>Midland, TX 79701 |                                                           | <sup>2</sup> OGRID Number<br>162683                                 |
|                                                                                                                               |                                                           | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW /12-16-10 |
| <sup>4</sup> API Number<br>30-015-38221                                                                                       | <sup>5</sup> Pool Name<br>Hackberry, Bone Spring, North   | <sup>6</sup> Pool Code<br>97056                                     |
| <sup>7</sup> Property Code<br>300582                                                                                          | <sup>8</sup> Property Name<br>West Shugart 31 Federal Com | <sup>9</sup> Well Number<br>005                                     |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| I             | 31      | 18S      | 31E   |         | 1980          | South            | 375           | 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| L             | 31      | 18S      | 31E   | 3       | 2310          | South            | 330           | West           | Eddy   |

| <sup>12</sup> Lsc Code | <sup>13</sup> Producing Method Code | <sup>14</sup> Gas Connection Date | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |
|------------------------|-------------------------------------|-----------------------------------|-----------------------------------|------------------------------------|-------------------------------------|
| F                      | P                                   | 12-16-10                          |                                   |                                    |                                     |

III. Oil and Gas Transporters

| <sup>18</sup> Transporter OGRID | <sup>19</sup> Transporter Name and Address                            | <sup>20</sup> POD | <sup>21</sup> O/G | <sup>22</sup> POD ULSTR Location and Description |
|---------------------------------|-----------------------------------------------------------------------|-------------------|-------------------|--------------------------------------------------|
| 21778                           | Sunoco Inc R&M<br>PO Box 2039<br>Tulsa, OK                            |                   | O                 |                                                  |
| 180055                          | Duke Energy Field Services<br>6120 S. Yale Ave. Ste 1100<br>Tulsa, OK |                   | G                 |                                                  |
|                                 |                                                                       |                   |                   |                                                  |
|                                 |                                                                       |                   |                   |                                                  |

IV. Produced Water

| <sup>23</sup> POD | <sup>24</sup> POD ULSTR Location and Description |
|-------------------|--------------------------------------------------|
|                   | Same as above                                    |

V. Well Completion Data

| <sup>25</sup> Spud Date | <sup>26</sup> Ready Date           | <sup>27</sup> TD        | <sup>28</sup> PBDT         | <sup>29</sup> Perforations | <sup>30</sup> DHC, MC |
|-------------------------|------------------------------------|-------------------------|----------------------------|----------------------------|-----------------------|
| 04-04-11                | 08-02-11                           | MD 12978<br>TVD 8749    | MD 12978<br>TVD 8257       | 9172-12910                 |                       |
| <sup>31</sup> Hole Size | <sup>32</sup> Casing & Tubing Size | <sup>33</sup> Depth Set | <sup>34</sup> Sacks Cement |                            |                       |
| 17½                     | 13¾                                | 615                     | 540                        |                            |                       |
| 12¾                     | 9¾                                 | 3646                    | 1315                       |                            |                       |
| 8¾                      | 5¾                                 | 12961                   | 2050                       |                            |                       |
|                         | 27¾                                | 8310                    |                            |                            |                       |
|                         |                                    |                         |                            |                            |                       |

VI. Well Test Data

| <sup>35</sup> Date New Oil | <sup>36</sup> Gas Delivery Date | <sup>37</sup> Test Date | <sup>38</sup> Test Length | <sup>39</sup> Tbg. Pressure | <sup>40</sup> Csg. Pressure |
|----------------------------|---------------------------------|-------------------------|---------------------------|-----------------------------|-----------------------------|
| 08-02-11                   | 08-10-11                        | 08-14-11                | 24 hrs                    | 170                         | 55                          |
| <sup>41</sup> Choke Size   | <sup>42</sup> Oil               | <sup>43</sup> Water     | <sup>44</sup> Gas         | <sup>45</sup> AOF           | <sup>46</sup> Test Method   |
|                            | 133                             | 241                     | 105                       |                             | Producing                   |

<sup>47</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: *Carolyn Larson*

Printed name: Carolyn Larson

Title: Regulatory

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

Date: October 18, 2011

Phone: 432-620-1946

OIL CONSERVATION DIVISION:

Approved by:

Title:

Approval Date:

*T. C. Shepard*  
*Geologist*  
*2/14/2012*