

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

OCD-ARTESIA ☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|                                                                                                   |                                                                |                                                                      |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------|
| <sup>1</sup> Operator name and Address<br>Cimarex Energy Co.<br>PO Box 140907<br>Irving, TX 75014 |                                                                | <sup>2</sup> OGRID Number/<br>215099                                 |
|                                                                                                   |                                                                | <sup>3</sup> Reason for Filing Code/ Effective Date<br>RC - 01-11-07 |
| <sup>4</sup> API Number<br>30 - 015-29871                                                         | <sup>5</sup> Pool Name<br>Undes. McKittrick Hills; Atoka, East | <sup>6</sup> Pool Code<br>96472                                      |
| <sup>7</sup> Property Code                                                                        | <sup>8</sup> Property Name<br>McGruder 13 ST                   | <sup>9</sup> Well Number<br>001                                      |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N             | 13      | 22S      | 25E   |         | 281           | South            | 1924          | 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 |
|------------------------|------------------------------------------|-----------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|------------------|---------------|----------------|--------|
| N                      | 13                                       | 22S                                           | 25E                               |                                    | 1280                                | South            | 1777          | West           | Eddy   |
| <sup>12</sup> Lse Code | <sup>13</sup> Producing Method Code<br>F | <sup>14</sup> Gas Connection Date<br>01-11-07 | <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> POD | <sup>21</sup> O/G | <sup>22</sup> POD ULSTR Location and Description |
|---------------------------------|--------------------------------------------------------------------------------------|-------------------|-------------------|--------------------------------------------------|
| 221115                          | Frontier Field Services, LLC<br>4200 East Skelly Drive, Suite 700<br>Tulsa, OK 74135 |                   | G                 |                                                  |
| 21778                           | Sunoco Inc R&M<br>PO Box 2039<br>Tulsa, OK 74102                                     |                   |                   |                                                  |
|                                 |                                                                                      |                   |                   |                                                  |
|                                 |                                                                                      |                   |                   |                                                  |

IV. Produced Water

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| <sup>23</sup> POD | <sup>24</sup> POD ULSTR Location and Description<br>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 |
|-------------------------|------------------------------------|-------------------------|-----------------------------|----------------------------|-----------------------|
| 11-25-97                | 01-11-07                           | MD 11455' TVD 11365'    | MD 10600' TVD 10521'        | 10250'-10786'              |                       |
| <sup>31</sup> Hole Size | <sup>32</sup> Casing & Tubing Size | <sup>33</sup> Depth Set | <sup>34</sup> Sacks Cement  |                            |                       |
| 26"                     | 20" K-55                           | 355'                    | 700 sx Class C              |                            |                       |
| 17-1/2"                 | 13-3/8" J-55                       | 1216'                   | 925 sx Class C              |                            |                       |
| 12-1/4"                 | 9-5/8" J/K-55                      | 5000'                   | 1727 sx POZ/Class C         |                            |                       |
| 7-7/8"                  | 5-1/2" P-110/HCP-110               | 11455'                  | 1502 sx TXI/POZH, TOC 4326' |                            |                       |
|                         | 2-3/8"                             | 10212'                  |                             |                            |                       |

VI. Well Test Data

|                                                                                                                                                                                                                                                  |                                             |                                     |                                                                                           |                                    |                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------|
| <sup>35</sup> Date New Oil<br>01-11-07                                                                                                                                                                                                           | <sup>36</sup> Gas Delivery Date<br>01-11-07 | <sup>37</sup> Test Date<br>02-09-07 | <sup>38</sup> Test Length<br>24 hrs                                                       | <sup>39</sup> Tbg. Pressure<br>600 | <sup>40</sup> Csg. Pressure<br>50    |
| <sup>41</sup> Choke Size<br>W0                                                                                                                                                                                                                   | <sup>42</sup> Oil<br>8                      | <sup>43</sup> Water<br>0            | <sup>44</sup> Gas<br>1019                                                                 | <sup>45</sup> AOF                  | <sup>46</sup> Test Method<br>Flowing |
| <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.<br>Signature: <i>Natalie E. Krueger</i> |                                             |                                     | OIL CONSERVATION DIVISION<br>Approved by: <b>BRYAN G. ARRANT</b><br>DISTRICT II GEOLOGIST |                                    |                                      |
| Printed name: Natalie E. Krueger                                                                                                                                                                                                                 |                                             |                                     | Title:                                                                                    |                                    |                                      |
| Title: Reg Analyst 1                                                                                                                                                                                                                             |                                             |                                     | Approval Date: <b>JUN 22 2007</b>                                                         |                                    |                                      |
| E-mail Address: <a href="mailto:nkrueger@cimarex.com">nkrueger@cimarex.com</a>                                                                                                                                                                   |                                             |                                     |                                                                                           |                                    |                                      |
| Date: June 19, 2007                                                                                                                                                                                                                              |                                             | Phone: 469-420-2723                 |                                                                                           |                                    |                                      |