

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

Form C-104  
Revised June 10, 2003

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

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>COG Operating LLC<br>550 W. Texas Avenue, Suite 1300<br>Midland, TX 79701 |                                                     | <sup>2</sup> OGRID Number<br>229137                                      |
|                                                                                                                     |                                                     | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW effec 10/20/10 |
| <sup>4</sup> API Number<br>30 - 015 - 38052                                                                         | <sup>5</sup> Pool Name<br>Loco Hills; Glorieta-Yeso | <sup>6</sup> Pool Code<br>96718                                          |
| <sup>7</sup> Property Code<br>37868                                                                                 | <sup>8</sup> Property Name<br>Miranda Federal       | <sup>9</sup> Well Number<br>013                                          |

**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 |
| F             | 9       | 17S      | 30E   |         | 1650          | North            | 1650          | 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 |
| H                           | 9                                        | 17S                                           | 30E                               |                                    | 1651                                | North            | 342           | East           | Eddy   |
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method Code<br>P | <sup>14</sup> Gas Connection Date<br>10/20/10 | <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      |
| 15694                           | Navajo Refining Co. Pipeline Division      | 5105500           | O                 | <div>RECEIVED<br/>DEC 16 2010<br/>NMOCD ARTESIA</div> |
|                                 | P O Box 159<br>Artesia, NM 88211-0159      |                   |                   |                                                       |
| 009171                          | Frontier Energy Services                   | 5105502           | G                 |                                                       |
|                                 |                                            |                   |                   |                                                       |

**IV. Produced Water**

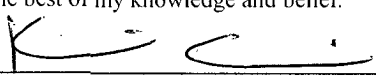
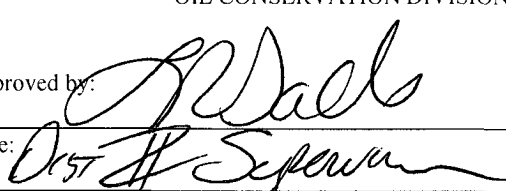
|                              |                                                  |
|------------------------------|--------------------------------------------------|
| <sup>23</sup> POD<br>5105504 | <sup>24</sup> POD ULSTR Location and Description |
|------------------------------|--------------------------------------------------|

**V. Well Completion Data**

|                                     |                                      |                                         |                                           |                                                       |                       |
|-------------------------------------|--------------------------------------|-----------------------------------------|-------------------------------------------|-------------------------------------------------------|-----------------------|
| <sup>25</sup> Spud Date<br>08/29/10 | <sup>26</sup> Ready Date<br>10/20/10 | <sup>27</sup> TD<br>MD 7497<br>TVD 4696 | <sup>28</sup> PBSD<br>MD 7497<br>TVD 4696 | <sup>29</sup> Perforations<br>4402-7350<br>PEAK Liner | <sup>30</sup> DHC, MC |
| <sup>31</sup> Hole Size             | <sup>32</sup> Casing & Tubing Size   | <sup>33</sup> Depth Set                 | <sup>34</sup> Sacks Cement                |                                                       |                       |
| 17½                                 | 13¾                                  | 456                                     | 1209                                      |                                                       |                       |
| 12¼                                 | 9⅝                                   | 1374                                    | 600                                       |                                                       |                       |
| 8¾                                  | 7                                    | 4553                                    | 950                                       |                                                       |                       |
| 6⅝                                  | 4½                                   | 4402-7350                               | 0                                         |                                                       |                       |
|                                     | 2⅞" tbg                              | 4305                                    |                                           |                                                       |                       |

**VI. Well Test Data**

|                                        |                                             |                                     |                                     |                             |                                |
|----------------------------------------|---------------------------------------------|-------------------------------------|-------------------------------------|-----------------------------|--------------------------------|
| <sup>35</sup> Date New Oil<br>11/22/10 | <sup>36</sup> Gas Delivery Date<br>11/22/10 | <sup>37</sup> Test Date<br>11/22/10 | <sup>38</sup> Test Length<br>24 hrs | <sup>39</sup> Tbg. Pressure | <sup>40</sup> Csg. Pressure    |
| <sup>41</sup> Choke Size               | <sup>42</sup> Oil<br>150                    | <sup>43</sup> Water<br>218          | <sup>44</sup> Gas<br>240            | <sup>45</sup> AOF           | <sup>46</sup> Test Method<br>P |

|                                                                                                                                                                                                                                                                                                            |                        |                                                                                                   |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------|--|
| <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:  |                        | OIL CONSERVATION DIVISION                                                                         |  |
| Printed name:<br>Kanicia Carrillo                                                                                                                                                                                                                                                                          |                        | Approved by:  |  |
| Title:<br>Regulatory Analyst                                                                                                                                                                                                                                                                               |                        | Title:<br>OCS Supervisor                                                                          |  |
| E-mail Address:<br>kcarrillo@conchoresources.com                                                                                                                                                                                                                                                           |                        | Approval Date:<br>JAN 25 2011                                                                     |  |
| Date:<br>12/11/2010                                                                                                                                                                                                                                                                                        | Phone:<br>432-685-4332 |                                                                                                   |  |

KC