

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1009 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

Month - Year  
MAR 15 2007  
OCD - ARTESIA, NM

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 2/23/2007 |
| <sup>4</sup> API Number<br>30 - 015 - 34883                                                                         | <sup>5</sup> Pool Name<br>Loco Hills; Glorieta Yeso | <sup>6</sup> Pool Code<br>96718                                           |
| <sup>7</sup> Property Code<br>302540                                                                                | <sup>8</sup> Property Name<br>Pawnee State          | <sup>9</sup> Well Number<br>003                                           |

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

|                    |               |                 |              |         |                       |                              |                       |                        |                |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|------------------------------|-----------------------|------------------------|----------------|
| Ul or lot no.<br>G | Section<br>16 | Township<br>17S | Range<br>30E | Lot.Idn | Feet from the<br>1650 | North/South<br>Line<br>North | Feet from the<br>1650 | East/West line<br>East | County<br>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 |
| <sup>12</sup> Lse Code<br>S | <sup>13</sup> Producing Method<br>Code<br>P | <sup>14</sup> Gas Connection<br>Date<br>2/ 23 /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<br>OGRID | <sup>19</sup> Transporter Name<br>and Address                                  | <sup>20</sup> POD | <sup>21</sup> O/G | <sup>22</sup> POD ULSTR Location<br>and Description |
| 15694                              | Navajo Refining Co. Pipeline Division<br>P O Box 159<br>Artesia, NM 88211-0159 | 2827491           | O                 | Unit G, Section 16, T17S, R30E                      |
| 009171                             | Duke Energy Field Serv LP<br>4001 Penbrook<br>Odessa, TX 79762                 | 2827492           | G                 | Unit G, Section 16, T17S, R30E                      |
|                                    |                                                                                |                   |                   |                                                     |
|                                    |                                                                                |                   |                   |                                                     |
|                                    |                                                                                |                   |                   |                                                     |
|                                    |                                                                                |                   |                   |                                                     |

**IV. Produced Water**

|                              |                                                                                    |
|------------------------------|------------------------------------------------------------------------------------|
| <sup>23</sup> POD<br>2827493 | <sup>24</sup> POD ULSTR Location and Description<br>Unit G, Section 16, T17S, R30E |
|------------------------------|------------------------------------------------------------------------------------|

**V. Well Completion Data**

|                                      |                                       |                          |                            |                                             |                       |
|--------------------------------------|---------------------------------------|--------------------------|----------------------------|---------------------------------------------|-----------------------|
| <sup>25</sup> Spud Date<br>1-11-2007 | <sup>26</sup> Ready Date<br>2-23-2007 | <sup>27</sup> TD<br>6020 | <sup>28</sup> PBTD<br>6001 | <sup>29</sup> Perforations<br>4891' - 5700' | <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 |                                             |                       |
| 17 1/2                               | 13 3/8                                | 439                      | 580 sx                     |                                             |                       |
| 12-1/4                               | 8 5/8                                 | 1395                     | 1180 sx                    |                                             |                       |
| 7 7/8                                | 5 1/2                                 | 6006                     | 1550 sx                    |                                             |                       |
|                                      | 2-7/8" tbg                            | 5712                     |                            |                                             |                       |

**VI. Well Test Data**

|                                       |                                            |                                        |                                     |                             |                                |
|---------------------------------------|--------------------------------------------|----------------------------------------|-------------------------------------|-----------------------------|--------------------------------|
| <sup>35</sup> Date New Oil<br>2/27/06 | <sup>36</sup> Gas Delivery Date<br>3/04/07 | <sup>37</sup> Test Date<br>3/ 12 /2007 | <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>90                    | <sup>43</sup> Water<br>200             | <sup>44</sup> Gas<br>235            | <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.  
Signature:

Printed name:  
Phyllis Edwards

Title:  
Regulatory Analyst

E-mail Address:  
pedwards@conchoresources.com

Date:  
3/14/2007

Phone:  
432-685-4340

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT  
DISTRICT II GEOLOGIST

Title:

Approval Date:

MAR 20 2007