

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
13000 1st Avenue, Artesia, NM 88210  
District III  
10000 1st Avenue, Aztec, NM 87410  
District IV  
12000 1st Avenue, 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

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2006  
OCD - ARTESIA

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

|  |   |  |
|--|---|--|
| <sup>1</sup> Operator name and Address<br><b>COG Operating LLC<br/>550 W. Texas Avenue, Suite 1300<br/>Midland, TX 79701</b> |   | <sup>2</sup> OGRID Number<br><b>229137</b>   |
|  |   | <sup>3</sup> Reason for Filing Code/ Effective Date<br><b>NW effec 10 / 18 /2006</b> |
| <sup>4</sup> API Number<br><b>30 - 015 - 34976</b>   | <sup>5</sup> Pool Name<br><b>GRAYBURG JACKSON SR Q G SA</b> | <sup>6</sup> Pool Code<br><b>28509</b>   |
| <sup>7</sup> Property Code<br><b>302557</b>  | <sup>8</sup> Property Name<br><b>R J UNIT</b>               | <sup>9</sup> Well Number<br><b>138</b>   |

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

|                           |                      |                        |                     |         |                              |                                     |                              |                               |                       |
|---------------------------|----------------------|------------------------|---------------------|---------|------------------------------|-------------------------------------|------------------------------|-------------------------------|-----------------------|
| UL or lot no.<br><b>J</b> | Section<br><b>27</b> | Township<br><b>17S</b> | Range<br><b>29E</b> | Lot.Idn | Feet from the<br><b>2630</b> | North/South<br>Line<br><b>South</b> | Feet from the<br><b>1980</b> | East/West line<br><b>East</b> | County<br><b>Eddy</b> |
|---------------------------|----------------------|------------------------|---------------------|---------|------------------------------|-------------------------------------|------------------------------|-------------------------------|-----------------------|

**<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><b>F</b> | <sup>13</sup> Producing Method Code<br><b>P</b> | <sup>14</sup> Gas Connection Date<br><b>10 / 18 /06</b> | <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 |
| <b>15694</b>                    | <b>Navajo Refining Co. Pipeline Division<br/>P O Box 159<br/>Artesia, NM 88211-0159</b> | <b>2325610</b>    | <b>O</b>          | <b>Unit C, Section 35, T17S, R29E</b>            |
| <b>009171</b>                   | <b>Duke Energy Field Serv LP<br/>4001 Penbrook<br/>Odessa, TX 79762</b>                 | <b>2325630</b>    | <b>G</b>          | <b>Unit C, Section 35, T17S, R29E</b>            |
|                                 |   |                   |                   |  |
|                                 |   |                   |                   |  |
|                                 |   |                   |                   |  |
|                                 |   |                   |                   |  |

**IV. Produced Water**

|                                     |   |
|-------------------------------------|---|
| <sup>23</sup> POD<br><b>2325650</b> | <sup>24</sup> POD ULSTR Location and Description<br><b>Unit C, Section 35, T17S, R29E</b> |
|-------------------------------------|---|

**V. Well Completion Data**

|   |   |                                 |                                   |  |                       |
|---|---|---------------------------------|-----------------------------------|--|-----------------------|
| <sup>25</sup> Spud Date<br><b>9-25-2006</b> | <sup>26</sup> Ready Date<br><b>10-18-2006</b> | <sup>27</sup> TD<br><b>3610</b> | <sup>28</sup> PBTD<br><b>3592</b> | <sup>29</sup> Perforations<br><b>2677.5' - 3394'</b> | <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        |  |                       |
| <b>17 1/2</b>                               | <b>13 3/8</b>                                 | <b>242</b>                      | <b>680 sx</b>                     |  |                       |
| <b>12-1/4</b>                               | <b>8 5/8</b>                                  | <b>886</b>                      | <b>600 sx</b>                     |  |                       |
| <b>7 7/8</b>                                | <b>5 1/2</b>                                  | <b>3605</b>                     | <b>1150 sx</b>                    |  |                       |
|   | <b>2-3/8" tbg</b>                             | <b>3409</b>                     |                                   |  |                       |

**VI. Well Test Data**

|   |  |   |  |                             |                                       |
|---|--|---|--|-----------------------------|---------------------------------------|
| <sup>35</sup> Date New Oil<br><b>10/26/06</b> | <sup>36</sup> Gas Delivery Date<br><b>10/30/06</b> | <sup>37</sup> Test Date<br><b>11/7/2006</b> | <sup>38</sup> Test Length<br><b>24 hrs</b> | <sup>39</sup> Tbg. Pressure | <sup>40</sup> Csg. Pressure           |
| <sup>41</sup> Choke Size                      | <sup>42</sup> Oil<br><b>33</b>                     | <sup>43</sup> Water<br><b>282</b>           | <sup>44</sup> Gas<br><b>72</b>             | <sup>45</sup> AOF           | <sup>46</sup> Test Method<br><b>P</b> |

<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:  
**11/22/2006**  
Phone:  
**432-685-4340**

OIL CONSERVATION DIVISION

Approved by:

**BRYAN G. ARRANT  
DISTRICT II GEOLOGIST**

Approval Date:

**DEC 01 2006**