

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 100 ✓<br>Midland, TX 79701 |  | <sup>2</sup> OGRID Number<br>229137 ✓                                   |
|  |  | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW effec 1/26/11 |
| <sup>4</sup> API Number<br>30 - 015 - 37828 ✓  | <sup>5</sup> Pool Name<br>Loco Hills Glorieta Yeso <i>KZ</i> |   |
|  | <sup>6</sup> Pool Code<br>96718                              |   |
| <sup>7</sup> Property Code<br>302440 ✓   | <sup>8</sup> Property Name<br>Harvard Federal ✓              | <sup>9</sup> Well Number<br>016 -                                       |

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

|                    |               |                 |              |         |                       |                           |                      |                        |                  |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|------------------|
| UL or lot no.<br>H | Section<br>11 | Township<br>17S | Range<br>30E | Lot.Idn | Feet from the<br>2110 | North/South line<br>North | Feet from the<br>275 | East/West line<br>East | County<br>Eddy ✓ |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|------------------|

<sup>11</sup> Bottom Hole Location

|                               |  |  |                                   |                                    |                                     |                           |                      |                        |                  |
|-------------------------------|--|--|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|----------------------|------------------------|------------------|
| UL or lot no.<br>H            | Section<br>11                              | Township<br>17S                              | Range<br>30E                      | Lot Idn                            | Feet from the<br>2304               | North/South line<br>North | Feet from the<br>343 | East/West line<br>East | County<br>Eddy ✓ |
| <sup>12</sup> Lse Code<br>F ✓ | <sup>13</sup> Producing Method Code<br>P ✓ | <sup>14</sup> Gas Connection Date<br>1/26/11 | <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<br>P O Box 159<br>Artesia, NM 88211-0159 | 0104198           | O                 | <div>RECEIVED<br/>MAR 04 2011<br/>NMOCD ARTESIA</div> |
| 009171                          | Frontier   | 0104199           | G                 |   |
|                                 |  |                   |                   |   |
|                                 |  |                   |                   |   |
|                                 |  |                   |                   |   |

IV. Produced Water

|                              |  |
|------------------------------|--|
| <sup>23</sup> POD<br>0104200 | <sup>24</sup> POD ULSTR Location and Description |
|------------------------------|--|

V. Well Completion Data

|                                     |  |                                |                                   |   |                       |
|-------------------------------------|--|--------------------------------|-----------------------------------|---|-----------------------|
| <sup>25</sup> Spud Date<br>12/26/10 | <sup>26</sup> Ready Date<br>1/26/11          | <sup>27</sup> TD<br>6158       | <sup>28</sup> PBTD<br>6090        | <sup>29</sup> Perforations<br>4620-5848 | <sup>30</sup> DHC, MC |
| <sup>31</sup> Hole Size<br>17 1/2   | <sup>32</sup> Casing & Tubing Size<br>13 3/8 | <sup>33</sup> Depth Set<br>442 | <sup>34</sup> Sacks Cement<br>450 |   |                       |
| 11                                  | 8 5/8  | 1297                           | 500                               |   |                       |
| 7 7/8                               | 5 1/2  | 6144                           | 1050                              |   |                       |
|                                     | 2-7/8 tbg                                    | 5746                           |                                   |   |                       |

VI. Well Test Data

|                                       |  |                                    |                                     |                                   |                                   |
|---------------------------------------|--|------------------------------------|-------------------------------------|-----------------------------------|-----------------------------------|
| <sup>35</sup> Date New Oil<br>1/26/11 | <sup>36</sup> Gas Delivery Date<br>1/26/11 | <sup>37</sup> Test Date<br>2/16/11 | <sup>38</sup> Test Length<br>24 hrs | <sup>39</sup> Tbg. Pressure<br>70 | <sup>40</sup> Csg. Pressure<br>70 |
| <sup>41</sup> Choke Size              | <sup>42</sup> Oil<br>60                    | <sup>43</sup> Water<br>259         | <sup>44</sup> Gas<br>278            | <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: *Netha Aaron*

Printed name:  
Netha Aaron

Title:  
Regulatory Analyst

E-mail Address:  
aaron@conchoresources.com

Date:  
2/15/11

Phone:  
432-818-2319

OIL CONSERVATION DIVISION

Approved by:

*R Wade*

Title:

*Dist II Supervisor*

Approval Date:

APR 14 2011

*KZ*

*Colt*

Operator: CDG Well Name: Harvard Federal #16

OGRID: 229137 API: 30-0 19 - 37828 Lease Type (F) S P

Date C104 rec'd 3/4/2011 C-104 filed for N (V) RT PB RE DHC Other  
Date of file review    /   /   

Inactive Well List     out of      
Additional Bonding:    

APD Approval Date 5/06/2010  
Pit Permit Approval 5/25/2010 Permit # 210310 Pit Closure: 1/12/2011

Spud notice 12/26/2010  
Surface casing 13.375 amended required      
Intermediate 8.625 amended required      
Production csg 5.5 amended required      
TD Reached: 1/4/2011  
Rig Released:    /   /   

Pool K2

Deviation Survey:     @     TD @ 6158

Directional Survey 3/4/2011 MD     TVD      
"As Drilled" or Amended C-102 ✓

Completion Sundry: 3/15/2011  
Completion Report: 3/15/2011  
Logs 3-4-11

COMPLIANCE: NSL     NSP      
DHC     ART    

OTHER REQUIREMENTS:      
     
   

Inactive Well List     //     Date to RD for approval     /     /      
Additional Bonding    

Reviewed by:     DENIED     /     /