

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 October 15, 2009

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

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

|   |   |   |  |
|---|---|---|--|
| <sup>1</sup> Operator name and Address<br>COG Operating LLC<br>2208 W. Main Street<br>Artesia, NM 88210 ✓ |   | <sup>2</sup> OGRID Number<br>229137 ✓                     |  |
|   |   | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW |  |
| <sup>4</sup> API Number<br>30 - 015-37636 ✓   | <sup>5</sup> Pool Name<br>Hay Hollow<br>Wildcat; Bone Spring (per PK) |   | <sup>6</sup> Pool Code<br>96403- 30216 |
| <sup>7</sup> Property Code<br>308296 ✓  | <sup>8</sup> Property Name<br>Moody 17 Fee Com ✓                      |   | <sup>9</sup> Well Number<br>3H ✓       |

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

|                    |               |                 |              |         |                      |                           |                      |                        |                  |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|------------------|
| UI or lot no.<br>M | Section<br>17 | Township<br>25S | Range<br>28E | Lot Idn | Feet from the<br>660 | North/South Line<br>South | Feet from the<br>330 | East/West line<br>West | County<br>Eddy ✓ |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|------------------|

**<sup>11</sup> Bottom Hole Location**

|                               |   |                 |  |                                   |                      |                                    |                      |                                     |                  |
|-------------------------------|---|-----------------|--|-----------------------------------|----------------------|------------------------------------|----------------------|-------------------------------------|------------------|
| UI or lot no.<br>D            | Section<br>17                               | Township<br>25S | Range<br>28E                                   | Lot Idn                           | Feet from the<br>142 | North/South Line<br>North          | Feet from the<br>339 | East/West line<br>West              | County<br>Eddy ✓ |
| <sup>12</sup> Lse Code<br>P ✓ | <sup>13</sup> Producing Method<br>Code<br>P |                 | <sup>14</sup> Gas Connection<br>Date<br>4/2/11 | <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<br>OGRID | <sup>19</sup> Transporter Name<br>and Address                                     | <sup>20</sup> O/G/W |
| 278421                             | Holly Refining & Marketing Company, LLC<br>P.O. Box 159<br>Artesia, NM 88211-0159 | O                   |
| 147831                             | Agave Energy Company<br>105 S. 4 <sup>th</sup> Street<br>Artesia, NM 88210        | G                   |
|                                    |   |                     |
|                                    |   |                     |
|                                    |   |                     |
|                                    |   |                     |
|                                    |   |                     |

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**IV. Well Completion Data**

|                                     |                                     |                                    |                             |   |                       |
|-------------------------------------|-------------------------------------|------------------------------------|-----------------------------|---|-----------------------|
| <sup>21</sup> Spud Date<br>12/25/10 | <sup>22</sup> Ready Date<br>3/28/11 | <sup>23</sup> TD<br>10800'         | <sup>24</sup> PBT<br>10769' | <sup>25</sup> Perforations<br>6375-10720' | <sup>26</sup> DHC, MC |
| <sup>27</sup> Hole Size             |                                     | <sup>28</sup> Casing & Tubing Size | <sup>29</sup> Depth Set     | <sup>30</sup> Sacks Cement                |                       |
| 17 1/2"                             |                                     | 13 3/8"                            | 395'                        | 475 sx                                    |                       |
| 12 1/4"                             |                                     | 9 5/8"                             | 2305'                       | 900 sx                                    |                       |
| 7 7/8"                              |                                     | 5 1/2"                             | 10800'                      | 1475 sx                                   |                       |
|                                     |                                     | 2 7/8                              | well pcr@<br>w004           |   |                       |

**V. Well Test Data**

|  |   |                                   |                                     |                                      |                                     |
|--|---|-----------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|
| <sup>31</sup> Date New Oil<br>4/2/11   | <sup>32</sup> Gas Delivery Date<br>4/2/11 | <sup>33</sup> Test Date<br>4/4/11 | <sup>34</sup> Test Length<br>24 Hrs | <sup>35</sup> Tbg. Pressure<br>1800# | <sup>36</sup> Csg. Pressure<br>850# |
| <sup>37</sup> Choke Size   | <sup>38</sup> Oil<br>160                  | <sup>39</sup> Water<br>1160       | <sup>40</sup> Gas<br>1396           | <sup>41</sup> Test Method<br>Flowing |                                     |
| <sup>42</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>Stormi Davis</i> |   |                                   | OIL CONSERVATION DIVISION           |                                      |                                     |
| Printed name:<br>Stormi Davis  |   |                                   | Approved by: <i>LR Dado</i>         |                                      |                                     |
| Title:<br>Regulatory Analyst   |   |                                   | Title: <i>Doreen J. Supersaw</i>    |                                      |                                     |
| E-mail Address:<br>sdavis@conchoresources.com  |   |                                   | Approval Date: <i>May 26, 2011</i>  |                                      |                                     |
| Date:<br>4/6/11  |   | Phone:<br>575-748-6946            |                                     |                                      |                                     |

Operator: COG Well Name: Muddy 17 Fee Conn #3H  
OGRID: 229137 API: 30-0 15-37636 Lease Type F SP

Date C104 rec'd 4/7/2011 C-104 filed for N X RT    PB    RE    DHC    Other     
Date of file review 5/26/2011

Inactive Well List 4 out of 2870  
Additional Bonding: 0

APD Approval Date 3/10/2010  
Pit Permit Approval 3/10/2010 Permit # 210073 Pit Closure: 2/15/2011

Spud notice 12/25/2010  
Surface casing 13.375 amended required     
Intermediate 9.625 amended required     
Production csg 5.5 amended required     
TD Reached: 01/09/2011  
Rig Released: 01/12/2011

Deviation Survey: 1 1/4 @ 5242 TD @ 10800

Directional Survey 4/7/2011 MD 10752 TVD 6614  
"As Drilled" or Amended C-102 ✓

Completion Sundry: 4/7/2011  
Completion Report: 4/7/2011  
Logs 4-7-11

COMPLIANCE: NSL    NSP     
DHC    ART   

OTHER REQUIREMENTS:     
    
  

Inactive Well List    //    Date to RD for approval 5/26/11  
Additional Bonding   

Reviewed by: NS DENIED    /    /