

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., 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  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

HOBBS OCD

OCT 31 2014

Submit one copy to appropriate District Office

Form C-104  
Revised August 1, 2011

RECEIVED

☐ 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 - 025-41537   | <sup>5</sup> Pool Name<br>Mescalero Escarpe; Bone Spring | <sup>6</sup> Pool Code<br>45793                           |
| <sup>7</sup> Property Code<br>40076   | <sup>8</sup> Property Name<br>Dos Abuelos Fee            | <sup>9</sup> Well Number<br>2H                            |

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

|                    |               |                 |              |         |                      |                           |                      |                        |               |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|---------------|
| Ul or lot no.<br>D | Section<br>20 | Township<br>18S | Range<br>34E | Lot Idn | Feet from the<br>190 | North/South Line<br>North | Feet from the<br>990 | East/West line<br>West | County<br>Lea |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|---------------|

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

|                             |   |  |                                   |                                    |                                     |                           |                      |                        |               |
|-----------------------------|---|--|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|----------------------|------------------------|---------------|
| Ul or lot no.<br>M          | Section<br>20                               | Township<br>18S                                  | Range<br>34E                      | Lot Idn                            | Feet from the<br>337                | North/South Line<br>South | Feet from the<br>402 | East/West line<br>West | County<br>Lea |
| <sup>12</sup> Lse Code<br>P | <sup>13</sup> Producing Method<br>Code<br>F | <sup>14</sup> Gas Connection<br>Date<br>10/19/14 | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |                           |                      |                        |               |

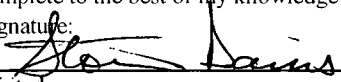
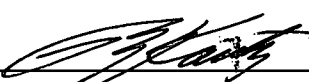
### III. Oil and Gas Transporters

|                                    |   |                     |
|------------------------------------|---|---------------------|
| <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                   |
| 24650                              | Targa Midstream Services, LP<br>1000 Louisiana - Ste 4700<br>Houston, TX 77002    | G                   |
|                                    |   |                     |
|                                    |   |                     |
|                                    |   |                     |
|                                    |   |                     |
|                                    |   |                     |

### IV. Well Completion Data

|                                    |                                     |                            |                              |   |                       |
|------------------------------------|-------------------------------------|----------------------------|------------------------------|---|-----------------------|
| <sup>21</sup> Spud Date<br>8/17/14 | <sup>22</sup> Ready Date<br>10/3/14 | <sup>23</sup> TD<br>14437' | <sup>24</sup> PBSD<br>14385' | <sup>25</sup> Perforations<br>9974-14359' | <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"                             | 1810'                      | 1250 sx                      |   |                       |
| 12 1/4"                            | 9 5/8"                              | 3435'                      | 1000 sx                      |   |                       |
| 7 7/8"                             | 5 1/2"                              | 14413'                     | 2300 sx                      |   |                       |
|                                    | 2 7/8"                              | 9253'                      |                              |   |                       |

### V. Well Test Data

|  |   |                                     |   |                                     |                                      |
|--|---|-------------------------------------|---|-------------------------------------|--------------------------------------|
| <sup>31</sup> Date New Oil<br>10/5/14  | <sup>32</sup> Gas Delivery Date<br>10/19/14 | <sup>33</sup> Test Date<br>10/14/14 | <sup>34</sup> Test Length<br>24 Hrs   | <sup>35</sup> Tbg. Pressure<br>150# | <sup>36</sup> Csg. Pressure          |
| <sup>37</sup> Choke Size   | <sup>38</sup> Oil<br>645                    | <sup>39</sup> Water<br>430          | <sup>40</sup> Gas<br>463  |                                     | <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:  |   |                                     | OIL CONSERVATION DIVISION   |                                     |                                      |
| Printed name:<br>Stormi Davis  |   |                                     | Approved by:  |                                     |                                      |
| Title:<br>Regulatory Analyst   |   |                                     | Title:<br>Petroleum Engineer  |                                     |                                      |
| E-mail Address:<br>sdavis@concho.com   |   |                                     | Approval Date:<br>10/31/14  |                                     |                                      |
| Date:<br>10/29/14  |   | Phone:<br>575-748-6946              |   |                                     |                                      |

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