

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  
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWANCE

HORIZONTALIZATION TO TRANSPORT

|                                                                                                                                   |                                              |                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------------|
| <sup>1</sup> Operator name and Address<br>Quantum Resources Management, LLC<br>1401 McKinney St., Suite 2400<br>Houston, TX 77010 |                                              | <sup>2</sup> OGRID Number<br>243874                                  |
|                                                                                                                                   |                                              | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW - 06/24/13 |
| <sup>4</sup> API Number<br>30-025-41061                                                                                           | <sup>5</sup> Pool Name<br>Drinkard           | <sup>6</sup> Pool Code<br>19190                                      |
| <sup>7</sup> Property Code<br>307932                                                                                              | <sup>8</sup> Property Name<br>Encore M State | <sup>9</sup> Well Number<br>010                                      |

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

|                    |               |                 |              |         |                      |                           |                      |                        |               |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no.<br>M | Section<br>17 | Township<br>22S | Range<br>37E | Lot Idn | Feet from the<br>700 | North/South Line<br>South | Feet from the<br>700 | East/West line<br>West | County<br>Lea |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|---------------|

<sup>11</sup> Bottom Hole Location

|                             |                                             |                                                  |                                   |                                    |                                     |                           |                      |                        |               |
|-----------------------------|---------------------------------------------|--------------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no.<br>M          | Section<br>17                               | Township<br>22S                                  | Range<br>37E                      | Lot Idn                            | Feet from the<br>700                | North/South line<br>South | Feet from the<br>700 | East/West line<br>West | County<br>Lea |
| <sup>12</sup> Lse Code<br>S | <sup>13</sup> Producing Method<br>Code<br>P | <sup>14</sup> Gas Connection<br>Date<br>06/25/13 | <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 |
| 36785                              | DCP Midstream LP<br>370 17 <sup>th</sup> St. Ste 2500<br>Denver, CO 80202          | G                   |
| 35103                              | Sunoco Partners Marketing & Terminals L.P.<br>P O Box 5090<br>Sugar Land, TX 77487 | O                   |
|                                    |                                                                                    |                     |
|                                    |                                                                                    |                     |
|                                    |                                                                                    |                     |
|                                    |                                                                                    |                     |

IV. Well Completion Data

|                                     |                                      |                           |                             |                                             |                                         |
|-------------------------------------|--------------------------------------|---------------------------|-----------------------------|---------------------------------------------|-----------------------------------------|
| <sup>21</sup> Spud Date<br>05/17/13 | <sup>22</sup> Ready Date<br>06/24/13 | <sup>23</sup> TD<br>6874' | <sup>24</sup> PBTB<br>6819' | <sup>25</sup> Perforations<br>6490' - 6648' | <sup>26</sup> DHC, MC<br>DHC HOB<br>518 |
| <sup>27</sup> Hole Size             | <sup>28</sup> Casing & Tubing Size   | <sup>29</sup> Depth Set   | <sup>30</sup> Sacks Cement  |                                             |                                         |
|                                     | 20"                                  | 53'                       |                             |                                             |                                         |
| 17 1/2"                             | 13 3/8"                              | 1215'                     | 910                         |                                             |                                         |
| 12-1/4"                             | 8 5/8"                               | 4011'                     | 775                         |                                             |                                         |
| 7 7/8"                              | 5 1/2"                               | 6874'                     | 725                         |                                             |                                         |
|                                     | 2 7/8"                               | 6473'                     |                             |                                             |                                         |

V. Well Test Data

|                                        |                                             |                                     |                                     |                                    |                                   |
|----------------------------------------|---------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|-----------------------------------|
| <sup>31</sup> Date New Oil<br>06/26/13 | <sup>32</sup> Gas Delivery Date<br>06/25/13 | <sup>33</sup> Test Date<br>07/06/13 | <sup>34</sup> Test Length<br>24 hrs | <sup>35</sup> Tbg. Pressure<br>350 | <sup>36</sup> Csg. Pressure<br>95 |
| <sup>37</sup> Choke Size               | <sup>38</sup> Oil<br>42/84                  | <sup>39</sup> Water<br>54/108       | <sup>40</sup> Gas<br>99/198         | <sup>41</sup> Test Method<br>p     |                                   |

<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.

Signature:

Printed name:  
Celeste G. Dale

Title:  
Sr. Regulatory Analyst

E-mail Address:  
cdale@qracq.com

Date:  
07/10/13

Phone:  
432-683-1500

OIL CONSERVATION DIVISION

Approved by:

Title:

Petroleum Engineer

Approval Date:

OCT 22 2013

OCT 22 2013

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|                                                                                                                                   |                                              | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW - 06/24/13 |
| <sup>4</sup> API Number<br>30-025-41061                                                                                           | <sup>5</sup> Pool Name<br>Wantz; Abo         | <sup>6</sup> Pool Code<br>62700                                      |
| <sup>7</sup> Property Code<br>307932                                                                                              | <sup>8</sup> Property Name<br>Encore M State | <sup>9</sup> Well Number<br>010                                      |

RECEIVED  
This well has been placed in the pool designated below.  
If you do not concur notify the Hobbs OCD Geologist.

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

|                    |               |                 |              |         |                      |                           |                      |                        |               |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|---------------|
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|                             |                                             |                                                  |                                   |                                    |                                     |
|-----------------------------|---------------------------------------------|--------------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|
| <sup>12</sup> Lse Code<br>S | <sup>13</sup> Producing Method<br>Code<br>P | <sup>14</sup> Gas Connection<br>Date<br>06/25/13 | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |
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|-------------------------------------|--------------------------------------|---------------------------|-----------------------------|---------------------------------------------|-----------------------------------------|
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Signature: *Celeste G. Dale*

Printed name:  
Celeste G. Dale

Title:  
Sr. Regulatory Analyst

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Approved by:

Title:

*Petroleum Engineer*

Approval Date:

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*dm*