

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

HOBBS

Form C-104  
Revised October 15, 2009

JUN 21 2011

Submit one copy to appropriate District Office

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☐ AMENDED REPORT

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

|                                                                                                       |                                        |                                                                                         |
|-------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------|
| <sup>1</sup> Operator name and Address<br>NMR Energy LLC<br>800 Bering, Ste 250, Houston, Texas 77057 |                                        | <sup>2</sup> OGRID Number<br>280401                                                     |
| <sup>4</sup> API Number<br>30 - 025-28198                                                             |                                        | <sup>3</sup> Reason for Filing Code/ Effective Date<br>Change of Operator DHC 4/30/2011 |
| <sup>5</sup> Pool Name<br>King Wolfcamp & King Penn (DHC -4407)                                       |                                        | <sup>6</sup> Pool Code<br>36100 <del>36050</del>                                        |
| <sup>7</sup> Property Code<br>013912 309305                                                           | <sup>8</sup> Property Name<br>Barnhill | <sup>9</sup> Well Number<br>1                                                           |

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

| UI or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| L             | 1       | 14S      | 37E   |         | 1650          | South            | 990           | West           | Lea    |

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

| UI or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| L             | 1       | 14S      | 37E   |         | 1650          | South            | 990           | West           | Lea    |

|                             |                                     |                                   |                                   |                                    |                                     |
|-----------------------------|-------------------------------------|-----------------------------------|-----------------------------------|------------------------------------|-------------------------------------|
| <sup>12</sup> Lse Code<br>D | <sup>13</sup> Producing Method Code | <sup>14</sup> Gas Connection Date | <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> O/G/W |
|---------------------------------|------------------------------------------------------------------------------------------------------|---------------------|
| 214754                          | LPC Crude Oil Inc - 408 W Wall Street, Midland, Texas, 79701<br>P.O. Box 3821, Midland, Texas, 79702 | O                   |
|                                 |                                                                                                      |                     |
|                                 |                                                                                                      |                     |
|                                 |                                                                                                      |                     |
|                                 |                                                                                                      |                     |
|                                 |                                                                                                      |                     |
|                                 |                                                                                                      |                     |
|                                 |                                                                                                      |                     |

### IV. Well Completion Data

|                                    |                                    |                           |                             |                                                   |                               |
|------------------------------------|------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|-------------------------------|
| <sup>21</sup> Spud Date<br>1/22/90 | <sup>22</sup> Ready Date<br>2/1/90 | <sup>23</sup> TD<br>12745 | <sup>24</sup> PBTB<br>12590 | <sup>25</sup> Perforations<br>9406' - 11136' 9452 | <sup>26</sup> DHC, MC<br>4407 |
| <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"                            | 405'                      | 500 SX                      |                                                   |                               |
| 12-1/4"                            | 8-5/8"                             | 4,668'                    | 2200 SX                     |                                                   |                               |
| 7-7/8"                             | 5-1/2"                             | 12,744'                   | 2975 SX                     |                                                   |                               |
|                                    |                                    |                           |                             |                                                   |                               |

### V. Well Test Data

|                                         |                                 |                                 |                                     |                             |                                      |
|-----------------------------------------|---------------------------------|---------------------------------|-------------------------------------|-----------------------------|--------------------------------------|
| <sup>31</sup> Date New Oil<br>4/29/2011 | <sup>32</sup> Gas Delivery Date | <sup>33</sup> Test Date         | <sup>34</sup> Test Length<br>24 hrs | <sup>35</sup> Tbg. Pressure | <sup>36</sup> Csg. Pressure          |
| <sup>37</sup> Choke Size                | <sup>38</sup> Oil<br>4 5 BOPD   | <sup>39</sup> Water<br>6 7 BWPD | <sup>40</sup> Gas                   |                             | <sup>41</sup> Test Method<br>Pumping |

<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, Hollie Lamb

Title Consulting Engineer

E-mail Address hlamb@helnsoil.com

Date, June 20, 2011

Phone 432-682-1122

OIL CONSERVATION DIVISION

Approved by

Title:

PETROLEUM ENGINEER

Approval Date:

JUN 22 2011

JUN 22 2011

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I. **DECLARATION AND AUTHORIZATION TO TRANSPORT**

|                                                                                                       |                                        |                                                                                                    |
|-------------------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------|
| <sup>1</sup> Operator name and Address<br>NMR Energy LLC<br>800 Bering, Ste 250, Houston, Texas 77057 |                                        | <sup>2</sup> OGRID Number<br>280401                                                                |
| <sup>4</sup> API Number<br>30 - 025-28198                                                             |                                        | <sup>3</sup> Reason for Filing Code/ Effective Date<br><del>Change of Operator</del> DHC 4/30/2011 |
| <sup>5</sup> Pool Name<br>King Wolfcamp & King Penn (DHC -4407)                                       | <sup>6</sup> Pool Code<br>36100 36020  |                                                                                                    |
| <sup>7</sup> Property Code<br>309305                                                                  | <sup>8</sup> Property Name<br>Barnhill | <sup>9</sup> Well Number<br>1                                                                      |

II. **Surface Location**

|                    |              |                 |              |         |                       |                           |                      |                        |               |
|--------------------|--------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|---------------|
| UI or lot no.<br>L | Section<br>1 | Township<br>14S | Range<br>37E | Lot Idn | Feet from the<br>1650 | North/South Line<br>South | Feet from the<br>990 | East/West line<br>West | County<br>Lea |
|--------------------|--------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|---------------|

**Bottom Hole Location**

|                             |                                     |                                   |                                   |                                    |                                     |                           |                      |                        |               |
|-----------------------------|-------------------------------------|-----------------------------------|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|----------------------|------------------------|---------------|
| UI or lot no.<br>L          | Section<br>1                        | Township<br>14S                   | Range<br>37E                      | Lot Idn                            | Feet from the<br>1650               | North/South Line<br>South | Feet from the<br>990 | East/West line<br>West | County<br>Lea |
| <sup>12</sup> Use Code<br>P | <sup>13</sup> Producing Method Code | <sup>14</sup> Gas Connection Date | <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**

|                                           |                                                                                                                                                    |                          |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
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|                                           |                                                                                                                                                    |                          |
|                                           |                                                                                                                                                    |                          |
|                                           |                                                                                                                                                    |                          |
|                                           |                                                                                                                                                    |                          |
|                                           |                                                                                                                                                    |                          |
|                                           |                                                                                                                                                    |                          |
|                                           |                                                                                                                                                    |                          |

IV. **Well Completion Data**

|                                    |                                               |                                 |                                      |                                            |                                |
|------------------------------------|-----------------------------------------------|---------------------------------|--------------------------------------|--------------------------------------------|--------------------------------|
| <sup>21</sup> Spud Date<br>1/22/90 | <sup>22</sup> Ready Date<br>2/1/90            | <sup>23</sup> TD<br>12745       | <sup>24</sup> PBTD<br>12590          | <sup>25</sup> Perforations<br>9400'-11136' | <sup>26</sup> DIHC, MC<br>4407 |
| <sup>27</sup> Hole Size<br>17-1/2" | <sup>28</sup> Casing & Tubing Size<br>13-3/8" | <sup>29</sup> Depth Set<br>405' | <sup>30</sup> Sacks Cement<br>500 SX |                                            |                                |
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| 7-7/8"                             | 5-1/2"                                        | 12,744'                         | 2975 sx                              |                                            |                                |
|                                    |                                               |                                 |                                      |                                            |                                |

V. **Well Test Data**

|                                         |                                 |                             |                                     |                             |                                      |
|-----------------------------------------|---------------------------------|-----------------------------|-------------------------------------|-----------------------------|--------------------------------------|
| <sup>31</sup> Date New Oil<br>4/29/2011 | <sup>32</sup> Gas Delivery Date | <sup>33</sup> Test Date     | <sup>34</sup> Test Length<br>24 hrs | <sup>35</sup> Tbg. Pressure | <sup>36</sup> Csg. Pressure          |
| <sup>37</sup> Choke Size                | <sup>38</sup> Oil<br>5 BOPD     | <sup>39</sup> Water<br>BWPB | <sup>40</sup> Gas                   |                             | <sup>41</sup> Test Method<br>Pumping |

<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: Hollie Lamb

Title: Consulting Engineer

E-mail Address: hlamb@helmsol.com

Date: June 20, 2011

Phone: 432-682-1122

OIL CONSERVATION DIVISION

Approved by:

Title

Approval Date:

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