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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-015-42136</b>	<sup>2</sup> Pool Code <b>10380</b>	<sup>3</sup> Pool Name <b>Cass Draw; Bone Spring</b>
<sup>4</sup> Property Code <b>40442</b>	<sup>5</sup> Property Name <b>LAVA FEE</b>	<sup>6</sup> Well Number <b>1</b>
<sup>7</sup> OGRID No. <b>13837</b>	<sup>8</sup> Operator Name <b>MACK ENERGY CORPORATION</b>	<sup>9</sup> Elevation <b>3093.1</b>

<sup>10</sup> Surface Location

U/I. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>P</b>	<b>3</b>	<b>23 S</b>	<b>27 E</b>		<b>1150</b>	<b>SOUTH</b>	<b>1150</b>	<b>EAST</b>	<b>EDDY</b>

<sup>11</sup> Bottom Hole Location If Different From Surface

U/I. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>P</b>	<b>3</b>	<b>23 S</b>	<b>27 E</b>		<b>965</b>	<b>SOUTH</b>	<b>965</b>	<b>EAST</b>	<b>EDDY</b>

<sup>12</sup> Dedicated Acres <b>40</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>N89°29'41"E 2652.18 FT</p> <p>N89°28'55"E 2651.41 FT</p> <p>NW CORNER SEC. 3 LAT. = 32.3414054°N LONG. = 104.1864496°W NMSP EAST (FT) N = 487966.38 E = 586700.21</p> <p>N/4 CORNER SEC. 3 LAT. = 32.3414594°N LONG. = 104.1778641°W NMSP EAST (FT) N = 487989.76 E = 589351.67</p> <p>NE CORNER SEC. 3 LAT. = 32.3415144°N LONG. = 104.1692811°W NMSP EAST (FT) N = 488013.72 E = 592002.35</p>			<p><b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Jerry W. Sherrell</i> 3-18-2014 Signature Date</p> <p><i>Jerry W. Sherrell</i> Printed Name</p> <p><i>jerryse@mec.com</i> E-mail Address</p>		
<p>NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE.</p> <p>W/4 CORNER SEC. 3 LAT. = 32.3342473°N LONG. = 104.1866046°W NMSP EAST (FT) N = 485362.27 E = 586655.89</p> <p>LAVA FEE #1 ELEV. = 3093.1' LAT. = 32.3301926°N (NAD83) LONG. = 104.1732981°W NMSP EAST (FT) N = 483893.09 E = 580767.92</p> <p>E/4 CORNER SEC. 3 LAT. = 32.3342764°N LONG. = 104.1694695°W NMSP EAST (FT) N = 485380.53 E = 591948.20</p>			<p><b>18 SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>MARCH 17, 2014 Date of Survey</p> <p><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <p>Certificate Number: <b>EDMONTE JARAMILLO, PLS 12797</b></p>		
<p>SW CORNER SEC. 3 LAT. = 32.3269992°N LONG. = 104.1867611°W NMSP EAST (FT) N = 482725.43 E = 586611.17</p> <p>S/4 CORNER SEC. 3 LAT. = 32.3270207°N LONG. = 104.1782808°W NMSP EAST (FT) N = 482736.97 E = 589230.57</p> <p>SE CORNER SEC. 3 LAT. = 32.3270393°N LONG. = 104.1696559°W NMSP EAST (FT) N = 482747.89 E = 591894.67</p>			<p><b>12797</b> SURVEY NO. 2664</p>		