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State of New Mexico  
Energy, Minerals & Natural Resources Department

JUN 26 2019

Form C-102

Revised August 1, 2011

## OIL CONSERVATION DIVISION DISTRICT II-ARTESIA O.C.D.

1220 South St. Francis Dr.

Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-005-64316		<sup>2</sup> Pool Code 52770		<sup>3</sup> Pool Name Round Tank; San Andres	
<sup>4</sup> Property Code 322158		<sup>5</sup> Property Name DUNCAN STATE COM			<sup>6</sup> Well Number 1H
<sup>7</sup> OGRID No. 13837		<sup>8</sup> Operator Name MACK ENERGY CORPORATION			<sup>9</sup> Elevation 3576.1

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	36	15 S	28 E		765	NORTH	355	WEST	CHAVES

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

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	24	15 S	28 E		1308	SOUTH	349	WEST	CHAVES

<sup>12</sup> Dedicated Acres 240	<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>NW CORNER SEC. 24 LAT. = 33.0087931°N LONG. = 104.0939215°W NMSP EAST (FT) N = 730819.17 E = 614728.35</p> <p>W/4 CORNER SEC. 24 LAT. = 33.0015240°N LONG. = 104.0939088°W NMSP EAST (FT) N = 728174.46 E = 614738.27</p> <p>NW CORNER SEC. 25 LAT. = 32.9942570°N LONG. = 104.0938829°W NMSP EAST (FT) N = 725530.56 E = 614752.22</p> <p>W/4 CORNER SEC. 25 LAT. = 32.9889876°N LONG. = 104.0938669°W NMSP EAST (FT) N = 722885.75 E = 614763.15</p> <p>NW CORNER SEC. 36 LAT. = 32.9797168°N LONG. = 104.0938384°W NMSP EAST (FT) N = 720240.47 E = 614777.92</p> <p>W/4 CORNER SEC. 36 LAT. = 32.9725723°N LONG. = 104.0938200°W NMSP EAST (FT) N = 717641.15 E = 614789.47</p> <p>SW CORNER SEC. 36 LAT. = 32.9634174°N LONG. = 104.0937948°W NMSP EAST (FT) N = 715043.31 E = 614803.13</p>		<p>S89°11'40"E 2644.79 FT S89°11'04"E 2643.77 FT</p> <p>N/4 CORNER SEC. 24 LAT. = 33.0086741°N LONG. = 104.0852973°W NMSP EAST (FT) N = 730782.00 E = 617372.20</p> <p>AS-DRILLED BOTTOM OF HOLE LAT. = 32.9978415°N LONG. = 104.0827565°W NMSP EAST (FT) N = 726835.48 E = 615094.59</p> <p>AS-DRILLED LAST TAKE POINT 1213' FSL 349' FWL LAT. = 32.9975805°N LONG. = 104.0927557°W NMSP EAST (FT) N = 726740.56 E = 615095.06</p> <p>NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED HORIZONTAL STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASED ON MEASUREMENTS AND REDUCED USING THE NEW MEXICO STATE PLANE EAST COORDINATE MONITOR TO THE SURFACE. VERTICAL DATUM NAVD83.</p> <p>N89°44'34"E 2628.21 FT N89°33'06"E 2629.74 FT</p> <p>N/4 CORNER SEC. 36 LAT. = 32.9797325°N LONG. = 104.0852699°W NMSP EAST (FT) N = 720252.26 E = 617405.42</p> <p>DUNCAN STATE COM 1H ELEV. = 3576.1' LAT. = 32.9776158°N (NAD83) LONG. = 104.0928758°W NMSP EAST (FT) N = 719477.26 E = 615136.22</p> <p>S/4 CORNER SEC. 36 LAT. = 32.9654152°N LONG. = 104.0851866°W NMSP EAST (FT) N = 715043.31 E = 617442.63</p>		<p>NE CORNER SEC. 24 LAT. = 33.0085533°N LONG. = 104.0766764°W NMSP EAST (FT) N = 730744.38 E = 620015.02</p> <p>E/4 CORNER SEC. 24 LAT. = 33.0013355°N LONG. = 104.0766842°W NMSP EAST (FT) N = 728118.34 E = 620019.04</p> <p>NE CORNER SEC. 25 LAT. = 32.9941131°N LONG. = 104.0766827°W NMSP EAST (FT) N = 725490.84 E = 620025.90</p> <p>E/4 CORNER SEC. 25 LAT. = 32.9897171°N LONG. = 104.0765798°W NMSP EAST (FT) N = 722892.47 E = 620063.79</p> <p>NE CORNER SEC. 36 LAT. = 32.9797296°N LONG. = 104.0766964°W NMSP EAST (FT) N = 720257.54 E = 620034.47</p> <p>AS-DRILLED FIRST TAKE POINT 60' FWL 365' FWL LAT. = 32.9795821°N LONG. = 104.0926491°W NMSP EAST (FT) N = 720192.29 E = 615142.72</p> <p>SE CORNER SEC. 36 LAT. = 32.9653776°N LONG. = 104.0766355°W NMSP EAST (FT) N = 715035.98 E = 620087.96</p>		<p><b><sup>16</sup> OPERATOR CERTIFICATION</b></p> <p>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 unleased 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>Deana Weaver</i> 6.24.19 Signature Date</p> <p>Deana Weaver Printed Name</p> <p>dweaver@mec.com E-mail Address</p> <p><b><sup>17</sup> SURVEYOR CERTIFICATION</b></p> <p>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>JUNE 3, 2019 Date of Survey</p> <p><i>FILMON F. JARAMILLO</i> Signature of Professional Surveyor</p> <p>FILMON F. JARAMILLO, PLS 12797 Certificate Number</p> <p>SURVEY NO. 6318</p>
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