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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

JUN 13 2019

Form C-102

Revised August 1, 2011

District II - ARTESIA CO. D.

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-005-64296	² Pool Code 52770	³ Pool Name Round Tank; San Andres
⁴ Property Code 318349	⁵ Property Name MEDICINE HAT STATE COM	
⁷ OGRID No. 13837	⁶ Operator Name MACK ENERGY CORPORATION	⁸ Well Number 2H
		⁹ Elevation 3577.4

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	35	15 S	28 E		500	NORTH	2285	WEST	CHAVES

" 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
N	35	15 S	28 E		1	SOUTH	2285	WEST	CHAVES

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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>588°35'13"E 2700.96 FT</p> <p>589°46'29"W 2652.08 FT</p> <p>589°38'01"W 2632.86 FT</p> <p>500'</p> <p>2285'</p> <p>SHL</p> <p>FTP</p> <p>LTP</p> <p>BHL</p> <p>500'</p> <p>2600.03 FT</p> <p>500°15'16"E 2600.03 FT</p> <p>500°18'03"E 2603.84 FT</p>		<p>N/4 CORNER SEC. 35 LAT. = 32.9796976°N LONG. = 104.1024299°W NMSP EAST (FT) N = 720227.61 E = 612143.37</p> <p>NE CORNER SEC. 35 LAT. = 32.9797168°N LONG. = 104.0938384°W NMSP EAST (FT) N = 720240.47 E = 614777.92</p> <p>MEDICINE HAT STATE COM 2H ELEV. = 3577.4' LAT. = 32.9783533°N (NAD83) LONG. = 104.1037618°W NMSP EAST (FT) N = 719737.61 E = 611736.02</p> <p>FIRST TAKE POINT 1765' FNL, 2285' FWL LAT. = 32.9765248°N LONG. = 104.1037378°W NMSP EAST (FT) N = 719072.39 E = 611744.82</p> <p>LAST TAKE POINT 700' FSL, 2285' FWL LAT. = 32.9656603°N LONG. = 104.1035774°W NMSP EAST (FT) N = 715119.70 E = 611802.64</p> <p>SW CORNER SEC. 35 LAT. = 32.9726351°N LONG. = 104.111358°W NMSP EAST (FT) N = 717652.34 E = 609479.13</p> <p>SE CORNER SEC. 35 LAT. = 32.9654174°N LONG. = 104.0937948°W NMSP EAST (FT) N = 715038.00 E = 614803.13</p> <p>S/4 CORNER SEC. 35 LAT. = 32.9653873°N LONG. = 104.1023770°W NMSP EAST (FT) N = 715021.17 E = 612171.00</p> <p>W/4 CORNER SEC. 35 LAT. = 32.9726351°N LONG. = 104.111358°W NMSP EAST (FT) N = 717652.34 E = 609479.13</p> <p>SW CORNER SEC. 35 LAT. = 32.9653743°N LONG. = 104.1110220°W NMSP EAST (FT) N = 715010.75 E = 609519.63</p> <p>BOTTOM OF HOLE LAT. = 32.9653883°N LONG. = 104.1035731°W NMSP EAST (FT) N = 715020.73 E = 611804.16</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. VERTICAL DATUM NAVD88.</p>	<p>" OPERATOR CERTIFICATION</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 into the division.</p> <p>Signature: <u>Deana Weaver</u> Date: <u>6.12.19</u></p> <p>Printed Name: <u>Deana Weaver</u></p> <p>E-mail Address: <u>dweaver@mec.com</u></p> <p>"SURVEYOR CERTIFICATION</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</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>Certificate Number <u>FILIMON F. JARAMILLO, PLS 12797</u></p> <p>SURVEY NO. 5308A</p>
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