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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr. DISTRICT II-ARTESIA O.C.D.
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

¹ API Number 30-005-64328	² Pool Code 52770	³ Pool Name Round Tank; San Andres
⁴ Property Code 323014	⁵ Property Name GRAND FORKS FEDERAL COM	
⁷ OGRID No. 13837	⁸ Operator Name MACK ENERGY CORPORATION	⁶ Well Number 2H ⁹ Elevation 3880.4

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	27	15 S	29 E		565	NORTH	900	EAST	CHAVES

¹¹ 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
A	22	15 S	29 E		10	NORTH	965	EAST	CHAVES

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
160			

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. 22 LAT. = 33.0086425°N LONG. = 104.0249569°W NMSP EAST (FT) N = 730819.43 E = 635869.46</p> <p>W/4 CORNER SEC. 22 LAT. = 33.0012599°N LONG. = 104.0247523°W NMSP EAST (FT) N = 728133.60 E = 635940.04</p> <p>SECTION CORNER LAT. = 32.9939935°N LONG. = 104.0247493°W NMSP EAST (FT) N = 725489.88 E = 635948.72</p> <p>W/4 CORNER SEC. 27 LAT. = 32.9867332°N LONG. = 104.0247625°W NMSP EAST (FT) N = 722848.37 E = 635952.44</p> <p>SW CORNER SEC. 27 LAT. = 32.9794483°N LONG. = 104.0247868°W NMSP EAST (FT) N = 720197.92 E = 635952.76</p>		<p>NB9°16'53"E 2626.95 FT N/4 CORNER SEC. 22 LAT. = 33.0087116°N LONG. = 104.0163901°W NMSP EAST (FT) N = 730852.37 E = 638495.53</p> <p>AS-DRILLED LAST TAKE POINT 104° PNL, 366° FEL LAT. = 33.0084702°N LONG. = 104.0109732°W NMSP EAST (FT) N = 730769.60 E = 640156.32</p> <p>AS-DRILLED BOTTOM OF HOLE LAT. = 33.0087286°N LONG. = 104.0109724°W NMSP EAST (FT) N = 730853.60 E = 640156.30</p> <p>AS-DRILLED FIRST TAKE POINT 122° PSL, 357° FEL LAT. = 32.9944589°N LONG. = 104.0108069°W NMSP EAST (FT) N = 725672.02 E = 640222.94</p> <p>QUARTER CORNER LAT. = 32.9939871°N LONG. = 104.0162451°W NMSP EAST (FT) N = 725495.33 E = 638556.12</p> <p>NB9°52'49"E 2608.07 FT SURFACE LOCATION 2626.35 FT 900'</p> <p>GRAND FORKS FEDERAL COM 2H ELEV. = 3880.4' LAT. = 32.9925750°N (NAD83) LONG. = 104.0106510°W NMSP EAST (FT) N = 724986.78 E = 640272.84</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 NAVD83.</p> <p>S/4 CORNER SEC. 27 LAT. = 32.9795754°N LONG. = 104.0162414°W NMSP EAST (FT) N = 720251.95 E = 639573.05</p> <p>SE CORNER SEC. 27 LAT. = 32.9796967°N LONG. = 104.0076842°W NMSP EAST (FT) N = 720304.10 E = 641196.97</p>		<p>NE CORNER SEC. 22 LAT. = 33.0087818°N LONG. = 104.0078257°W NMSP EAST (FT) N = 730885.92 E = 641120.85</p> <p>E/4 CORNER SEC. 22 LAT. = 33.0015079°N LONG. = 104.0077509°W NMSP EAST (FT) N = 728239.54 E = 641151.97</p> <p>SECTION CORNER LAT. = 32.9942030°N LONG. = 104.0076851°W NMSP EAST (FT) N = 725581.88 E = 641180.36</p> <p>E/4 CORNER SEC. 27 LAT. = 32.9869020°N LONG. = 104.0078245°W NMSP EAST (FT) N = 722925.43 E = 641145.84</p>	
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¹⁷ OPERATOR CERTIFICATION

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.

Signature: Deana Weaver Date: 4.30.19

Printed Name: Deana Weaver

E-mail Address: dweaver@mec.com

¹⁸ SURVEYOR CERTIFICATION

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.

APRIL 29, 2019

Date of Survey: APRIL 29, 2019

Signature and Seal of Professional Surveyor: [Signature]

Certificate Number: 12797

SURVEY NO. 6323