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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

DEC 13 2018

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

DISTRICT II-ARTESIA O.C.D.

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

* Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	27	15 S	29 E		565	NORTH	900	EAST	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
A	22	15 S	29 E		10	NORTH	965	EAST	CHAVES

¹¹ Dedicated Acres	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ 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.

NW CORNER SEC. 22 LAT. = 33.0086425°N LONG. = 104.0249569°W NMSP EAST (FT) N = 730819.43 E = 635869.46 W/4 CORNER SEC. 22 LAT. = 33.0012599°N LONG. = 104.0247523°W NMSP EAST (FT) N = 728133.60 E = 635940.04 SECTION CORNER LAT. = 32.9539935°N LONG. = 104.0247493°W NMSP EAST (FT) N = 725489.88 E = 635948.72 W/4 CORNER SEC. 27 LAT. = 32.9867332°N LONG. = 104.0247868°W NMSP EAST (FT) N = 720197.92 E = 635952.76 SW CORNER SEC. 27 LAT. = 32.9794483°N LONG. = 104.0247868°W NMSP EAST (FT) N = 720197.92 E = 635952.76		N89°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 LAST TAKE POINT 100' PNL, 885' FEL. LAT. = 33.0084813°N LONG. = 104.0109698°W NMSP EAST (FT) N = 730771.63 E = 640153.35 BOTTOM OF HOLE LAT. = 33.0087286°N LONG. = 104.0109724°W NMSP EAST (FT) N = 730863.60 E = 640156.30 QUARTER CORNER LAT. = 32.9939871°N LONG. = 104.0162451°W NMSP EAST (FT) N = 725495.33 E = 638556.12 SECTION CORNER LAT. = 32.9942030°N LONG. = 104.0076851°W NMSP EAST (FT) N = 725581.88 E = 641180.38 E/4 CORNER SEC. 27 LAT. = 32.9869020°N LONG. = 104.0076845°W NMSP EAST (FT) N = 720304.10 E = 641196.97 SE CORNER SEC. 27 LAT. = 32.9796967°N LONG. = 104.0076842°W NMSP EAST (FT) N = 720304.10 E = 641196.97	
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.		" 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. <i>Deana Weaver</i> 9.13.18 Signature Date Deana Weaver Printed Name dweaver@mec.com E-mail Address "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. AUGUST 8, 2018 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor Certificate Number FIMMON E. JARAMILLO, PLS 12797 SURVEY NO 6323A	

RUP 12-18-18