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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

NM OIL CONSERVATION
ARTESIA DISTRICT
AMENDED REPORT

FEB 21 2018

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44499	² Pool Code 14860	³ Pool Name crow flats; san andres
⁴ Property Code 319788	⁵ Property Name RUDOLPH FEDERAL	⁶ Well Number 2H
⁷ OGRID No. 13837	⁸ Operator Name MACK ENERGY CORPORATION	⁹ Elevation 3605.6

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	21	16 S	28 E		940	SOUTH	330	WEST	EDDY

" 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	21	16 S	28 E		968	SOUTH	2615	WEST	EDDY

¹⁰ Dedicated Acres 80	¹¹ Joint or Infill	¹² Consolidation Code	¹³ 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.

N89°34'32"E 2610.06 FT NW CORNER SEC. 21 LAT. = 32.9153008°N LONG. = 104.1893709°W NMSP EAST (FT) N = 696751.08 E = 585515.16 N/4 CORNER SEC. 21 LAT. = 32.9153439°N LONG. = 104.1808677°W NMSP EAST (FT) N = 696770.41 E = 588124.51 NE CORNER SEC. 21 LAT. = 32.9153885°N LONG. = 104.1723613°W NMSP EAST (FT) N = 696790.52 E = 590734.83 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. W/4 CORNER SEC. 21 LAT. = 32.9078479°N LONG. = 104.1894149°W NMSP EAST (FT) N = 694039.52 E = 585505.33 E/4 CORNER SEC. 21 LAT. = 32.9079356°N LONG. = 104.1724050°W NMSP EAST (FT) N = 694078.99 E = 590725.55 RUDOLPH FEDERAL 2H F.T.V. = 3605.6' LAT. = 32.9029876°N (NAD83) LONG. = 104.1883687°W NMSP EAST (FT) N = 692771.67 E = 585828.84 BOTTOM OF HOLE LAT. = 32.9030249°N LONG. = 104.1809350°W NMSP EAST (FT) N = 692288.46 E = 588110.92 SW CORNER SEC. 21 LAT. = 32.9003988°N LONG. = 104.1894593°W NMSP EAST (FT) N = 691329.38 E = 585495.49 S/4 CORNER SEC. 21 LAT. = 32.9004411°N LONG. = 104.1809468°W NMSP EAST (FT) N = 691348.42 E = 588108.67 SE CORNER SEC. 21 LAT. = 32.9004833°N LONG. = 104.1724399°W NMSP EAST (FT) N = 691367.65 E = 590718.97 SURFACE LOCATION 2615 BOTTOM OF HOLE 940 968 589°34'57"W 2611.28 FT 589°34'41"W 2611.60 FT		" 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 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. Signature <u>Diana Weaver</u> Date <u>2.21.18</u> 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. DECEMBER 6, 2017 Date of Survey Signature and Seal of Professional Surveyor Certificate Number <u>HELMONT JARAMILLO PLS 0799</u> SURVEY NO. 51888
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