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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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

As Drilled

¹ API Number 30-015-42136	² Pool Code 10380	³ Pool Name Cass Draw; Bone Spring
⁴ Property Code 40442	⁵ Property Name LAVA FEE	⁶ Well Number 1
⁷ OGRID No. 13837	⁸ Operator Name MACK ENERGY CORPORATION	⁹ Elevation 3093.1

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	3	23 S	27 E		1150	SOUTH	1150	EAST	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
P	3	23 S	27 E		965	SOUTH	965	EAST	EDDY

¹⁰ Dedicated Acres 40	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°29'41"E 2652.18 FT NW CORNER SEC. 3 LAT. = 32.3414054°N LONG. = 104.1864496°W NMSP EAST (FT) N = 487966.38 E = 586700.21		N89°28'55"E 2651.41 FT N/4 CORNER SEC. 3 LAT. = 32.3414594°N LONG. = 104.1778641°W NMSP EAST (FT) N = 487989.76 E = 589351.67		NE CORNER SEC. 3 LAT. = 32.3415144°N LONG. = 104.1692811°W NMSP EAST (FT) N = 488013.72 E = 582002.35	
LOT 4		LOT 3		LOT 2	
LOT 1		LOT 1		LOT 1	
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.					
W/4 CORNER SEC. 3 LAT. = 32.3342473°N LONG. = 104.1866046°W NMSP EAST (FT) N = 485362.27 E = 586655.89		LAVA FEE #1 ELEV. = 3093.1' LAT. = 32.3301926°N (NAD83) LONG. = 104.1732981°W NMSP EAST (FT) N = 483893.09 E = 580767.92		E/4 CORNER SEC. 3 LAT. = 32.3342764°N LONG. = 104.1694695°W NMSP EAST (FT) N = 485380.53 E = 591948.20	
SW CORNER SEC. 3 LAT. = 32.3269992°N LONG. = 104.1867611°W NMSP EAST (FT) N = 482725.43 E = 586611.17		S/4 CORNER SEC. 3 LAT. = 32.3270207°N LONG. = 104.1782808°W NMSP EAST (FT) N = 482736.97 E = 599230.57		SE CORNER SEC. 3 LAT. = 32.3270399°N LONG. = 104.1696559°W NMSP EAST (FT) N = 482747.89 E = 591894.87	
SURFACE LOCATION S44°32'06"E 258.49 FT 1150' 965' BOTTOM OF HOLE LAT. = 32.3295852°N LONG. = 104.1727120°W NMSP EAST (FT) N = 483708.80 E = 590949.23					
589°44'52"W 2620.04 FT		589°45'54"W 2664.74 FT		501°09'54"W 2633.80 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.

Under authority entered by the division:
Deana Weaver S-7-15
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.

MARCH 7, 2014 NEW MEXICO
Date of Survey: 12797
Signature and Seal of Professional Surveyor:
Certificate Number: EDMOND E. JARAMILLO, PLS 12797
SURVEY NO. 264