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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

EMERD-OCD ARTESIA

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 30015 46772		2 Pool Code 13354		3 Pool Name CORRAL CANYON SOUTH, BONE SPRING	
4 Property Code 327179		5 Property Name BUFFALO TRACE 1/36 B20B FED COM			6 Well Number 1H
7 OGRID NO. 14744		8 Operator Name MEWBOURNE OIL COMPANY			9 Elevation 3019'

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
0	1	26S	29E		600	SOUTH	1630	EAST	EDDY

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
B	36	25S	29E		100	NORTH	1980	EAST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

<p>PROJECT AREA</p> <p>PRODUCING AREA</p> <p>GEODETIC DATA NAD 83 GRID - NM EAST BOTTOM HOLE LAT: 32.0633062° N LONG: 103.9356839° W</p> <p>GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION LAT: 32.0659156° N LONG: 103.9344976° W</p>	<p>CORNER DATA NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1940" N 387281.8 - E 661486.2</p> <p>B: FOUND BRASS CAP "1940" N 389983.6 - E 661324.8</p> <p>C: FOUND BRASS CAP "1940" N 392681.2 - E 661164.8</p> <p>D: FOUND BRASS CAP "1940" N 395334.5 - E 661152.0</p> <p>E: FOUND 5/8" REBAR N 397988.6 - E 661141.0</p> <p>F: FOUND BRASS CAP "1940" N 398004.2 - E 663799.3</p> <p>G: FOUND BRASS CAP "1940" N 398021.5 - E 666458.4</p> <p>H: FOUND BRASS CAP "1940" N 395364.7 - E 666475.8</p> <p>I: FOUND BRASS CAP "1940" N 392705.9 - E 666493.5</p> <p>J: FOUND BRASS CAP "1940" N 390050.0 - E 666504.3</p> <p>K: FOUND 1/2" REBAR N 387392.8 - E 666515.9</p> <p>L: FOUND BRASS CAP "1940" N 392690.0 - E 663821.2</p>	<p>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 hereinafter entered by the division.</p> <p>Signature: Date: 7-16-19</p> <p>BRADLEY BISHOP Printed Name</p> <p>BBISHOP@MEWBOURNE.COM E-mail Address</p>
	<p>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.</p> <p>5-28-19 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: </p> <p>19680 Certificate Number</p>	

RRC - Job No.:

LS19050625

KS 2-24-20



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Drilling Plan Data Report

02/20/2020

APD ID: 10400043749

Submission Date: 07/16/2019

Highlighted data
reflects the most
recent changes

Operator Name: MEWBOURNE OIL COMPANY

Well Name: BUFFALO TRACE 1/36 B2OB FEDCOM

Well Number: 1H

[Show Final Text](#)

Well Type: CONVENTIONAL GAS WELL

Well Work Type: Drill

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
499361	UNKNOWN	3019	27	27		NONE	N
499365	RUSTLER	2139	880	880	SALT	NONE	N
499373	TOP SALT	2013	1006	1006	SALT	NONE	N
499362	BOTTOM SALT	-70	3089	3089	SALT	NONE	N
499366	LAMAR	-259	3278	3278	LIMESTONE	NATURAL GAS, OIL	N
499367	BELL CANYON	-307	3326	3326	SANDSTONE	NATURAL GAS, OIL	N
499368	CHERRY CANYON	-1187	4206	4206	SANDSTONE	NATURAL GAS, OIL	N
499369	MANZANITA	-1357	4376	4376	LIMESTONE	NATURAL GAS, OIL	N
499370	BRUSHY CANYON	-3807	6826	6826	SANDSTONE	NATURAL GAS, OIL	N
499360	BONE SPRING	-4037	7056	7056	LIMESTONE, SHALE	NATURAL GAS, OIL	N
499363	BONE SPRING 1ST	-4947	7966	7966	SANDSTONE	NATURAL GAS, OIL	N
499364	BONE SPRING 2ND	-5619	8638	8638	SANDSTONE	NATURAL GAS, OIL	Y

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M

Rating Depth: 19416

Equipment: Annular, Pipe Ram, Blind Ram

Requesting Variance? YES

Variance request: A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. Anchors aren't required by manufacturer. A multi-bowl wellhead is being used. See attached schematic

Testing Procedure: BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the