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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

EMMARD-OCD ARTESIA

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

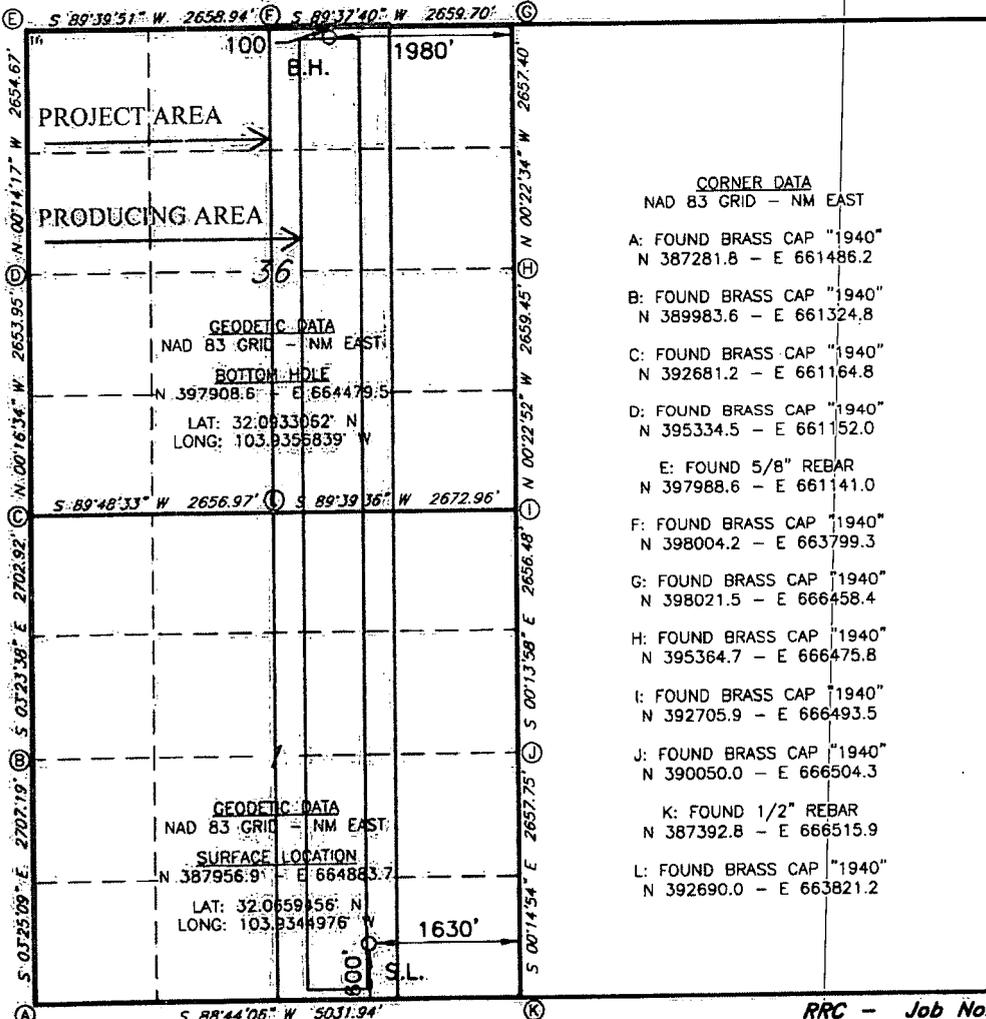
Table with 3 columns: 1 API Number (30015 46772), 2 Pool Code (13354), 3 Pool Name (CORRAL CANYON SOUTH, BONE SPRING), 4 Property Code (327179), 5 Property Name (BUFFALO TRACE 1/36 B20B FED COM), 6 Well Number (1H), 7 GRID NO. (14744), 8 Operator Name (MEWBOURNE OIL COMPANY), 9 Elevation (3019')

Table with 10 columns: 10 Surface Location. UL or lot no. (0), Section (1), Township (26S), Range (29E), Lot Idn, Feet from the (600), North/South line (SOUTH), Feet From the (1630), East/West line (EAST), County (EDDY)

Table with 10 columns: 11 Bottom Hole Location If Different From Surface. UL or lot no. (B), Section (36), Township (25S), Range (29E), Lot Idn, Feet from the (100), North/South line (NORTH), Feet from the (1980), East/West line (EAST), County (EDDY)

Table with 5 columns: 12 Dedicated Acres (320), 13 Joint or Infill, 14 Consolidation Code, 15 Order No.

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.



17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief...
Signature: BRADLEY BISHOP
Date: 7-16-19
E-mail Address: BBISHOP@MEWBOURNE.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...
Date of Survey: 5-28-19
Signature and Seal of ROBERT M. HOWETT, NEW MEXICO PROFESSIONAL SURVEYOR, 19680
Certificate Number: 19680

RRC - Job No.: LS19050625

KS 2-24-20



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