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Form C-102

District I  
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Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
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1000 Rio Brazos Road, Aztec, NM 87410  
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District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Revised August 1, 2011  
to appropriate  
District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

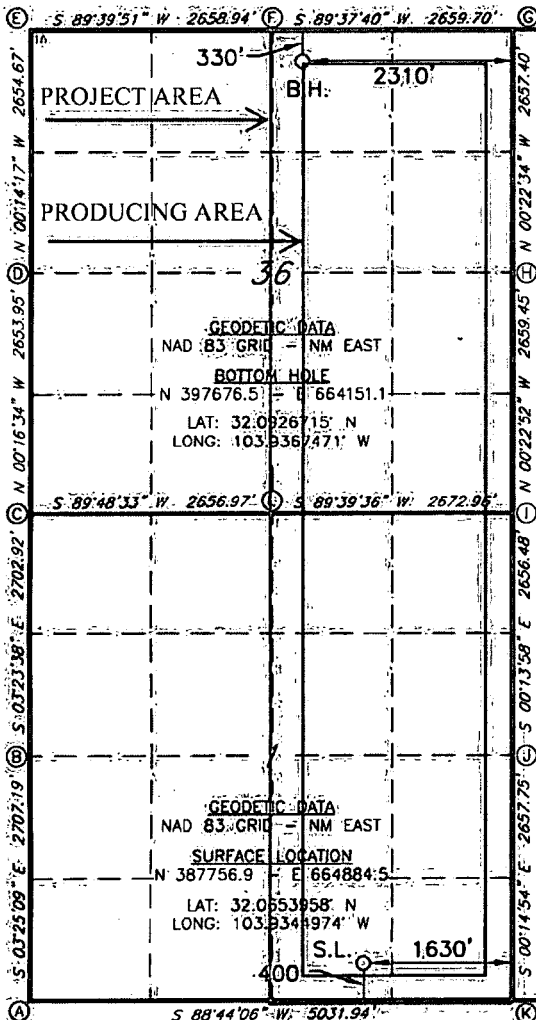
|                                   |                                                           |                                                      |
|-----------------------------------|-----------------------------------------------------------|------------------------------------------------------|
| 1 API Number<br><b>3001546774</b> | 2 Pool Code<br><b>98220</b>                               | 3 Pool Name<br><b>PURPLE SAGE; WOLFCAMP GAS POOL</b> |
| 4 Property Code<br><b>327180</b>  | 5 Property Name<br><b>BUFFALO TRACE 1/36 W10B FED COM</b> | 6 Well Number<br><b>1H</b>                           |
| 7 GRID NO.<br><b>14744</b>        | 8 Operator Name<br><b>MEWBOURNE OIL COMPANY</b>           | 9 Elevation<br><b>3017'</b>                          |

| 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      |
| <b>0</b>            | <b>1</b> | <b>26S</b> | <b>29E</b> |         | <b>400</b>    | <b>SOUTH</b>     | <b>1630</b>   | <b>EAST</b>    | <b>EDDY</b> |

## 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>B</b>                         | <b>36</b>          | <b>25S</b>            | <b>29E</b> |              | <b>330</b>    | <b>NORTH</b>     | <b>2310</b>   | <b>EAST</b>    | <b>EDDY</b> |
| 12 Dedicated Acres<br><b>640</b> | 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, 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 previously entered by the division.

Signature: **BRADLEY BISHOP**  
Date: **4-24-19**  
Printed Name: **BRADLEY BISHOP**  
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, and that the same is true and correct to the best of my belief.

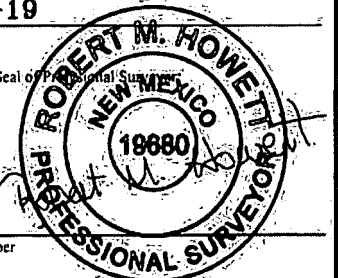
**4-12-19**

Date of Survey

Signature and Seal of Professional Surveyor

**19880**

Certificate Number



RRC - Job No.:

LS19040491

KS 2-24-20



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

# Drilling Plan Data Report

02/20/2020

APD ID: 10400041157

Submission Date: 05/02/2019

Highlighted data  
reflects the most  
recent changes

Operator Name: MEWBOURNE OIL COMPANY

Well Name: BUFFALO TRACE 1/36 W10B 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 |
|--------------|-----------------|-----------|---------------------|----------------|-----------------------------|-------------------|---------------------|
| 444671       | UNKNOWN         | 3017      | 27                  | 27             |                             | NONE              | N                   |
| 444675       | RUSTLER         | 2163      | 854                 | 854            | SALT                        | NONE              | N                   |
| 447460       | TOP SALT        | 2043      | 974                 | 974            | SALT                        | NONE              | N                   |
| 444672       | BOTTOM SALT     | -94       | 3111                | 3111           | SALT                        | NONE              | N                   |
| 444676       | LAMAR           | -273      | 3290                | 3290           | LIMESTONE                   | NATURAL GAS, OIL  | N                   |
| 444677       | BELL CANYON     | -297      | 3314                | 3314           | SANDSTONE                   | NATURAL GAS, OIL  | N                   |
| 444678       | CHERRY CANYON   | -1147     | 4164                | 4164           | SANDSTONE                   | NATURAL GAS, OIL  | N                   |
| 444679       | MANZANITA       | -1597     | 4614                | 4614           | LIMESTONE                   | NATURAL GAS, OIL  | N                   |
| 444680       | BRUSHY CANYON   | -2419     | 5436                | 5436           | SANDSTONE                   | NATURAL GAS, OIL  | N                   |
| 444670       | BONE SPRING     | -4007     | 7024                | 7024           | LIMESTONE, SHALE            | NATURAL GAS, OIL  | N                   |
| 444673       | BONE SPRING 1ST | -4957     | 7974                | 7974           | SANDSTONE                   | NATURAL GAS, OIL  | N                   |
| 444674       | BONE SPRING 2ND | -5589     | 8606                | 8606           | SANDSTONE                   | NATURAL GAS, OIL  | N                   |
| 444681       | BONE SPRING 3RD | -6975     | 9992                | 9992           | SANDSTONE                   | NATURAL GAS, OIL  | N                   |
| 444682       | WOLFCAMP        | -7249     | 10266               | 10266          | LIMESTONE, SANDSTONE, SHALE | NATURAL GAS, OIL  | Y                   |

## Section 2 - Blowout Prevention