

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-101  
August 1, 2011  
Permit 238241

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|                                                                                                 |  |                               |
|-------------------------------------------------------------------------------------------------|--|-------------------------------|
| 1. Operator Name and Address<br>MEWBOURNE OIL CO<br>4801 Business Park Blvd.<br>Hobbs, NM 88240 |  | 2. OGRID Number<br>14744      |
| 4. Property Code<br>318319                                                                      |  | 3. API Number<br>30-015-44290 |
| 5. Property Name<br>Rush 22 W2MD Fee                                                            |  | 6. Well No.<br>001H           |

**7. Surface Location**

|               |               |                 |              |              |                  |               |                  |               |                |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|------------------|---------------|----------------|
| UL - Lot<br>D | Section<br>27 | Township<br>23S | Range<br>28E | Lot Idn<br>D | Feet From<br>190 | N/S Line<br>N | Feet From<br>900 | E/W Line<br>W | County<br>Eddy |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|------------------|---------------|----------------|

**8. Proposed Bottom Hole Location**

|               |               |                 |              |              |                  |               |                  |               |                |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|------------------|---------------|----------------|
| UL - Lot<br>D | Section<br>22 | Township<br>23S | Range<br>28E | Lot Idn<br>D | Feet From<br>330 | N/S Line<br>N | Feet From<br>440 | E/W Line<br>W | County<br>Eddy |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|------------------|---------------|----------------|

**9. Pool Information**

|                            |       |
|----------------------------|-------|
| PURPLE SAGE;WOLFCAMP (GAS) | 98220 |
|----------------------------|-------|

**Additional Well Information**

|                           |                             |                                        |                           |                                    |
|---------------------------|-----------------------------|----------------------------------------|---------------------------|------------------------------------|
| 11. Work Type<br>New Well | 12. Well Type<br>GAS        | 13. Cable/Rotary                       | 14. Lease Type<br>Private | 15. Ground Level Elevation<br>3036 |
| 16. Multiple<br>N         | 17. Proposed Depth<br>15425 | 18. Formation<br>Wolfcamp              | 19. Contractor            | 20. Spud Date<br>8/18/2017         |
| Depth to Ground water     |                             | Distance from nearest fresh water well |                           | Distance to nearest surface water  |

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

| Type   | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|--------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf   | 17.5      | 13.375      | 48               | 250           | 250             | 0             |
| Int1   | 12.25     | 9.625       | 36               | 2520          | 555             | 0             |
| Prod   | 8.75      | 7           | 26               | 10632         | 920             | 2320          |
| Liner1 | 6.125     | 4.5         | 13.5             | 15425         | 230             | 9932          |

**Casing/Cement Program: Additional Comments**

|                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOC proposed to drill & test the Wolfcamp formation. H2S rule 118 does not apply because MOC has researched the area & no high concentrations were found. Will have on location & working all H2S safety equipment before Yates formation for safety & insurance purposes. Will stimulate as needed for production. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**22. Proposed Blowout Prevention Program**

| Type       | Working Pressure | Test Pressure | Manufacturer |
|------------|------------------|---------------|--------------|
| Annular    | 5000             | 2500          | Schaffer     |
| Double Ram | 5000             | 5000          | Schaffer     |
| Annular    | 5000             | 2500          | Schaffer     |

|                                                                                                                                                                                                                                                                                                                        |                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| 23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable.<br><br>Signature: | <b>OIL CONSERVATION DIVISION</b>                       |
| Printed Name: Electronically filed by Monty Whetstone                                                                                                                                                                                                                                                                  | Approved By: Karen Sharp                               |
| Title: Vice President Operations                                                                                                                                                                                                                                                                                       | Title: OCD Reviewer                                    |
| Email Address: prodmgr@mewbourne.com                                                                                                                                                                                                                                                                                   | Approved Date: 7/7/2017      Expiration Date: 7/7/2019 |
| Date: 7/6/2017      Phone: 903-561-2900                                                                                                                                                                                                                                                                                | Conditions of Approval Attached                        |

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State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form C-102

August 1, 2011

Permit 238241

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                               |                                      |                                            |
|-------------------------------|--------------------------------------|--------------------------------------------|
| 1. API Number<br>30-015-44290 | 2. Pool Code<br>98220                | 3. Pool Name<br>PURPLE SAGE;WOLFCAMP (GAS) |
| 4. Property Code<br>318319    | 5. Property Name<br>Rush 22 W2MD Fee | 6. Well No.<br>001H                        |
| 7. OGRID No.<br>14744         | 8. Operator Name<br>MEWBOURNE OIL CO | 9. Elevation<br>3036                       |

10. Surface Location

|               |               |                 |              |              |                  |               |                  |               |                |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|------------------|---------------|----------------|
| UL - Lot<br>D | Section<br>27 | Township<br>23S | Range<br>28E | Lot Idn<br>D | Feet From<br>190 | N/S Line<br>N | Feet From<br>900 | E/W Line<br>W | County<br>Eddy |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|------------------|---------------|----------------|

11. Bottom Hole Location If Different From Surface

|                               |                     |                 |                        |              |                  |               |                  |               |                |
|-------------------------------|---------------------|-----------------|------------------------|--------------|------------------|---------------|------------------|---------------|----------------|
| UL - Lot<br>D                 | Section<br>22       | Township<br>23S | Range<br>28E           | Lot Idn<br>D | Feet From<br>330 | N/S Line<br>N | Feet From<br>440 | E/W Line<br>W | County<br>EDDY |
| 12. Dedicated Acres<br>320.00 | 13. Joint or Infill |                 | 14. Consolidation Code |              |                  |               | 15. Order No.    |               |                |

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

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Form APD Comments

Permit 238241

PERMIT COMMENTS

|                                                                                                       |  |                                 |
|-------------------------------------------------------------------------------------------------------|--|---------------------------------|
| Operator Name and Address:<br>MEWBOURNE OIL CO [14744]<br>4801 Business Park Blvd.<br>Hobbs, NM 88240 |  | API Number:<br>30-015-44290     |
|                                                                                                       |  | Well:<br>Rush 22 W2MD Fee #001H |

|            |         |              |
|------------|---------|--------------|
| Created By | Comment | Comment Date |
|------------|---------|--------------|

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Form APD Conditions  
  
Permit 238241

**PERMIT CONDITIONS OF APPROVAL**

|                                                                                                       |                                                                                     |                                 |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------|
| Operator Name and Address:<br>MEWBOURNE OIL CO [14744]<br>4801 Business Park Blvd.<br>Hobbs, NM 88240 |                                                                                     | API Number:<br>30-015-44290     |
|                                                                                                       |                                                                                     | Well:<br>Rush 22 W2MD Fee #001H |
| OCD Reviewer                                                                                          | Condition                                                                           |                                 |
| RPodany                                                                                               | Will require a directional survey with the C-104                                    |                                 |
| RPodany                                                                                               | Cement is required to circulate on both surface and intermediate1 strings of casing |                                 |