

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 186151

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

| | | |
|---|--|-------------------------------|
| 1. Operator Name and Address WHITING OIL AND GAS CORPORATION 400 W. Illinois Midland, TX 79701 | | 2. OGRID Number 25078 |
| 4. Property Code 313382 | | 3. API Number 30-021-20633 |
| 5. Property Name LEWIS 2028 | | 6. Well No. 341 |

7. Surface Location

| | | | | | | | | | |
|---------------|---------------|-----------------|--------------|---------|-------------------|---------------|-------------------|---------------|-------------------|
| UL - Lot G | Section 34 | Township 20N | Range 28E | Lot Idn | Feet From 1859 | N/S Line N | Feet From 1749 | E/W Line E | County Harding |
|---------------|---------------|-----------------|--------------|---------|-------------------|---------------|-------------------|---------------|-------------------|

8. Proposed Bottom Hole Location

| | | | | | | | | | |
|---------------|---------------|-----------------|--------------|--------------|-------------------|---------------|-------------------|---------------|-------------------|
| UL - Lot G | Section 34 | Township 20N | Range 28E | Lot Idn G | Feet From 1859 | N/S Line N | Feet From 1749 | E/W Line E | County Harding |
|---------------|---------------|-----------------|--------------|--------------|-------------------|---------------|-------------------|---------------|-------------------|

9. Pool Information

| | |
|-----------------------------------|-------|
| BRAVO DOME CARBON DIOXIDE GAS 640 | 96010 |
|-----------------------------------|-------|

Additional Well Information

| | | | | |
|---------------------------|----------------------------|--|---------------------------|------------------------------------|
| 11. Work Type New Well | 12. Well Type CO2 | 13. Cable/Rotary | 14. Lease Type Private | 15. Ground Level Elevation 5442 |
| 16. Multiple N | 17. Proposed Depth 3800 | 18. Formation Tubb | 19. Contractor | 20. Spud Date 7/1/2014 |
| 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 | 12.25 | 9.625 | 36 | 750 | 500 | 0 |
| Prod | 8.75 | 5.5 | 15.5 | 3800 | 450 | 0 |

Casing/Cement Program: Additional Comments

| |
|--|
| |
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22. Proposed Blowout Prevention Program

| Type | Working Pressure | Test Pressure | Manufacturer |
|---------|------------------|---------------|--------------|
| Annular | 3000 | 3000 | REGAN TAURUS |

| | |
|---|--|
| 23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. 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. Signature: _____ Printed Name: Electronically filed by Kay Maddox Title: Regulatory Agent Email Address: kay.maddox@whiting.com Date: 6/12/2014 | <div style="text-align: center;">OIL CONSERVATION DIVISION</div> Approved By: Charlie Perrin Title: District Supervisor Approved Date: 6/23/2014 Expiration Date: 6/23/2016 Conditions of Approval Attached |
| Phone: 432-686-6709 | |

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico

Form C-102

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

Energy, Minerals, and Natural Resources Department

Revised October 12, 2005

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

State Lease - 4 copies

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

1220 South St. Francis Dr.

Fee Lease - 3 copies

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---------------------------------|---|---|
| ¹ API Number | ² Pool Code 96010 | ³ Pool Name BRAVO DOME CARBON DIOXIDE GAS (640) |
| Property Code | ⁴ Property Name LEWIS 2028 | ⁶ Well Number 341 |
| ⁷ OGRID No. 25078 | ⁸ Operator Name WHITING OIL & GAS CORPORATION | ⁹ Elevation 5442' |

¹⁰Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------------------|---------|---------------|------------------|---------------|----------------|---------|
| G | 34 | 20 NORTH | 28 EAST, N.M.P.M. | | 1859' | NORTH | 1749' | EAST | HARDING |

¹¹Bottom 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 |
| ¹² Dedicated Acres 640 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. | | | | | | |

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | |
|--|---|
| <div><p>¹⁶</p><div>NAD 27 NME ZONE X:613249 Y:1791046 LAT:35°55'19.09" LON:-103°57'03.04"</div><div>1859'</div><div>1749'</div></div> | <p>¹⁷ OPERATOR CERTIFICATION</p> <p>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 heretofore entered by the division.</p> <p><i>Kay Maddox</i> 5/13/2014 Signature Date</p> <p>Printed Name <i>Kay Maddox</i></p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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>MAY 12, 2014 Date of Survey</p> <p>Signature and Seal of Professional Surveyor <i>V. Lynn Bezner</i></p> <p>Certificate Number V. Lynn Bezner P.S. #7920</p> <p>FILE:LO_LEWIS_2028_34_1 K.Y.</p> |
|--|---|

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Form APD Comments

Permit 188151

PERMIT COMMENTS

| | | |
|---|---------|-----------------------------|
| Operator Name and Address: WHITING OIL AND GAS CORPORATION [25078] 400 W. Illinois Midland, TX 79701 | | API Number: 30-021-20633 |
| | | Well: LEWIS 2028 #341 |
| Created By whoppe | Comment | Comment Date 5/29/2014 |

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Form APD Conditions
Permit 188151

PERMIT CONDITIONS OF APPROVAL

| | |
|---|-----------------------------|
| Operator Name and Address: WHITING OIL AND GAS CORPORATION [25078] 400 W. Illinois Midland, TX 79701 | API Number: 30-021-20633 |
| | Well: LEWIS 2028 #341 |
| OCD Reviewer | Condition |