

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 175563

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 40190 | | 3. API Number 30-021-20588 |
| 5. Property Name HAZEN 1928 | | 6. Well No. 24-1 |

7. Surface Location

| | | | | | | | | | |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|---------|
| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
| K | 24 | 19N | 28E | K | 1650 | S | 1930 | W | Harding |

8. Proposed Bottom Hole Location

| | | | | | | | | | |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|---------|
| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
| K | 24 | 19N | 28E | K | 1650 | S | 1930 | W | 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 4633 |
| 16. Multiple N | 17. Proposed Depth 3500 | 18. Formation Tubb | 19. Contractor | 20. Spud Date 11/1/2013 |
| 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 | 8.625 | 24 | 1800 | 650 | 0 |
| Prod | 7.875 | 5.5 | 15.5 | 3500 | 550 | 0 |

Casing/Cement Program: Additional Comments

| |
|--|
| |
|--|

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 ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable. Signature: _____ Printed Name: Electronically filed by Kay Maddox Title: Regulatory Agent Email Address: kay.maddox@whiting.com Date: 10/17/2013 | <div style="text-align: center;">OIL CONSERVATION DIVISION</div> Approved By: Ed Martin Title: District Supervisor Approved Date: 10/28/2013 Expiration Date: 10/28/2015 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

Submit to Appropriate District Office

OIL CONSERVATION DIVISION

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 |
| ⁴ Property Code | ⁵ Property Name HAZEN 1928 | ⁶ Well Number #24-1 |
| ⁷ OGRID No. 24078 | ⁸ Operator Name WHITING OIL and Gas Corporation | ⁹ Elevation 4633' |

Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------------------|---------|---------------|------------------|---------------|----------------|---------|
| K | 24 | 19 NORTH | 28 EAST, N.M.P.M. | | 1650' | SOUTH | 1930' | WEST | HARDING |

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 |
|-------------------------------|-------------------------------|----------------------------------|-------------------------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |
| ¹² Dedicated Acres | 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

| | | | |
|--|---|-------------------------------|---|
| | <p>¹⁶ X:620429 Y:1771890</p> | <p>X:625688 Y:1771984</p> | <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>Signature: <i>Kay Maddox</i> Date: <i>10/6/13</i></p> <p>Printed Name: <i>KAY MADDOX</i></p> |
| | <p>X:620442 Y:1766542</p> | <p>X:625719 Y:1766621</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>OCTOBER 3, 2013</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p></p> <p>Certificate Number V. Lynn Bezner P.S. #7920</p> <p>JOB# LO_MIERA_2130_35_1: J.J.G.</p> |

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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 APD Comments

Permit 175583

PERMIT COMMENTS

| | | |
|---|--|-----------------------------|
| Operator Name and Address: WHITING OIL AND GAS CORPORATION [25078] 400 W. Illinois Midland, TX 79701 | | API Number: 30-021-20588 |
| | | Well: HAZEN 1928 #24-1 |

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

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Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

Form APD Conditions

Permit 175563

PERMIT CONDITIONS OF APPROVAL

| | |
|---|-----------------------------|
| Operator Name and Address: WHITING OIL AND GAS CORPORATION [25078] 400 W. Illinois Midland, TX 79701 | API Number: 30-021-20588 |
| | Well: HAZEN 1928 #24-1 |

| OCD Reviewer | Condition |
|-----------------|--|
| emartin | Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines |
| emartin | Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string |
| emartin | NMOCD District IV to be notified at least 24 hours prior to spud. |