

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 184859

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 40202		3. API Number 30-021-20622
5. Property Name MIERA 2130		6. Well No. 34-5

7. Surface Location

UL - Lot J	Section 34	Township 21N	Range 30E	Lot Idn J	Feet From 1837	N/S Line S	Feet From 1660	E/W Line E	County Harding
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8. Proposed Bottom Hole Location

UL - Lot J	Section 34	Township 21N	Range 30E	Lot Idn J	Feet From 1837	N/S Line S	Feet From 1660	E/W Line E	County Harding
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9. Pool Information

BRAVO DOME CARBON DIOXIDE GAS 640	96010
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Additional Well Information

11. Work Type New Well	12. Well Type CO2	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 4691
16. Multiple N	17. Proposed Depth 2600	18. Formation Tubb	19. Contractor	20. Spud Date 5/31/2014
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	8.625	24	750	500	0
Prod	7.875	5.5	15.5	2600	350	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 ☒ 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: 4/16/2014	<div style="text-align: center;">OIL CONSERVATION DIVISION</div> Approved By: Ed Martin Title: District Supervisor Approved Date: 4/28/2014 Expiration Date: 4/28/2016 Conditions of Approval Attached
Phone: 432-686-6709	

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

1220 South St. Francis Dr.

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	
⁴ Property Code		⁵ Property Name MIERA 2130		⁶ Well Number 34-5
⁷ OGRID No. 24078		⁸ Operator Name WHITING OIL & GAS CORPORATION		⁹ Elevation 4691'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	34	21 NORTH	30 EAST, N.M.P.M.		1837	SOUTH	1660	EAST	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 160	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 style="border: 1px solid black; padding: 2px; width: fit-content;"> X:675227 Y:1824508 </div>	<div style="border: 1px solid black; padding: 2px; width: fit-content;"> X:680539 Y:1824404 </div>	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> NAD 27 NME ZONE X:679048 Y:1821190 LAT:36°00'13.92" LON:-103°43'40.77" </div>		
<p style="text-align: center;">1660'</p> <p style="text-align: center;">1837'</p>		
<div style="border: 1px solid black; padding: 2px; width: fit-content;"> X:680806 Y:1819384 </div>		

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 heretofore entered by the division.

Signature: Kay Maddox Date: 4/16/2014
Printed Name: KAY MADDUX

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.

APRIL 15, 2014

Date of Survey: _____
Signature and Seal of Professional Surveyor:

Certificate Number: V. Lynn Bezner P.S. #7920

FILE:LO_MIERA_34_5

K.Y.

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Form APD Comments

Permit 184859

PERMIT COMMENTS

Operator Name and Address: WHITING OIL AND GAS CORPORATION [25078] 400 W. Illinois Midland, TX 79701		API Number: 30-021-20622
		Well: MIERA 2130 #34-5

Created By	Comment	Comment Date
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Form APD Conditions

Permit 184859

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: WHITING OIL AND GAS CORPORATION [25078] 400 W. Illinois Midland, TX 79701	API Number: 30-021-20622
	Well: MIERA 2130 #34-5

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