

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 186309

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 313332		3. API Number 30-021-20631
5. Property Name MITCHELL 2028		6. Well No. 221

7. Surface Location

UL - Lot G	Section 22	Township 20N	Range 28E	Lot Idn	Feet From 1660	N/S Line N	Feet From 1750	E/W Line E	County Harding
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8. Proposed Bottom Hole Location

UL - Lot G	Section 22	Township 20N	Range 28E	Lot Idn G	Feet From 1660	N/S Line N	Feet From 1750	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 5437
16. Multiple N	17. Proposed Depth 3800	18. Formation Tubb	19. Contractor	20. Spud Date 6/23/2014
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 ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.	OIL CONSERVATION DIVISION
Signature:	
Printed Name: Electronically filed by Kay Maddox	Approved By: Charlie Perrin
Title: Regulatory Agent	Title: District Supervisor
Email Address: kay.maddox@whiting.com	Approved Date: 6/5/2014 Expiration Date: 6/5/2016
Date: 5/30/2014 Phone: 432-686-6709	Conditions of Approval Attached

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)
⁴ Property Code	⁵ Property Name MITCHELL 2028	⁶ Well Number 22-1
⁷ GRID No. 25078	⁸ Operator Name WHITING OIL & GAS CORPORATION	⁹ Elevation 5437'

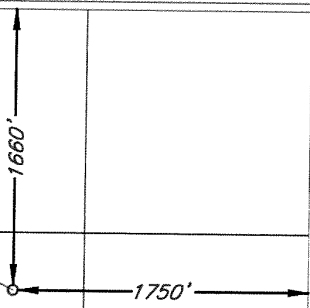
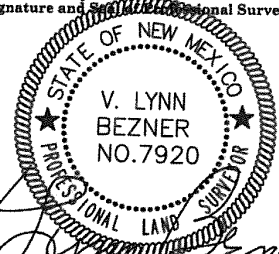
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	22	20 NORTH	28 EAST, N.M.P.M.		1660'	NORTH	1750'	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

¹⁶ <div><p>NAD 27 NME ZONE X:613227 Y:1801636 LAT:35°57'03.83" LON:-103°57'02.80"</p></div> 	<p>¹⁷OPERATOR 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: 5/15/2014</p> <p>Printed Name: Kay Maddox</p> <p>¹⁸SURVEYOR 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</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>FILE:LO_MITCHELL_2028_22_1 K.Y.</p>
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Santa Fe, NM 87505

Form APD Comments

Permit 186309

PERMIT COMMENTS

Operator Name and Address: WHITING OIL AND GAS CORPORATION [25078] 400 W. Illinois Midland, TX 79701		API Number: 30-021-20631
		Well: MITCHELL 2028 #221
Created By	Comment	Comment Date
whoppe		5/29/2014

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Form APD Conditions
Permit 186309

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: WHITING OIL AND GAS CORPORATION [25078] 400 W. Illinois Midland, TX 79701		API Number: 30-021-20631
		Well: MITCHELL 2028 #221
OCD Reviewer	Condition	
AHVERMERSCH	Pit construction and closure must satisfy all requirements of your approved plan.	