

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address Lone Wolf New Mexico, LLC 1125 17th St., Ste. 2290 Denver, CO 80202		² OGRID Number 232512
³ Property Code 34841	⁴ Property Name Celso Gomez	⁵ API Number 30-039-09755
⁹ Proposed Pool 1 WC 32N 2E 19, Entrada		⁶ Well No. 2
¹⁰ Proposed Pool 2		

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	19	32N	02E	G94	1500'	South	2400'	East	Rio Arriba

8 Proposed 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

Additional Well Information

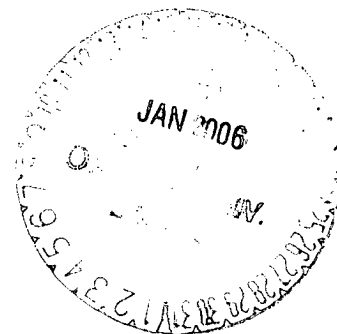
¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 8130'
¹⁶ Multiple No	¹⁷ Proposed Depth 2100'	¹⁸ Formation Entrada	¹⁹ Contractor Unknown	²⁰ Spud Date Not yet determined
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 900 bbls Drilling Method: Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				
Closed-Loop System <input type="checkbox"/>				

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	23	150'	95	Surface
7 7/8"	5 1/2"	15.5	2100'	320	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

See Attached



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input checked="" type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
	Approved by:	
	Title: DEPUTY OIL & GAS INSPECTOR, DIST. 4	
	Approval Date: JAN 17 2006	Expiration Date: JAN 17 2007
	Conditions of Approval Attached <input type="checkbox"/>	
Printed name: MIKE BENETATOS		
Title: OPERATION MGR, New Mexico, LLC		
E-mail Address: MIKE@LONEWOLFOP.com		
Date: 06 JAN 06		
Phone: 720 904 6949		

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☒ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-039-29755	² Pool Code 97454	³ Pool Name WC 32ND E 19; Entrada
⁴ Property Code 34841	⁵ Property Name CHROMO MOUNTAIN RANCH	⁶ Well Number Celso Gomez #2
⁷ OGRID No. 232 512	⁸ Operator Name Lone Wolf New Mexico LLC	⁹ Elevation 8130

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	**31	32N	02E		** 1300	**North	**200	**East	Rio Arriba

¹¹ 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 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

¹⁶ 	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 undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well as 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: <u><i>Doug Heisinger</i></u> Date: <u>2/10/06</u> Printed Name: <u>Doug Heisinger</u>	
	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. Date of Survey: <u>29 November 2005</u> Signature and Seal of Professional Surveyor: <u><i>Gilberto Arriola</i></u> Certificate Number: <u>13976</u>	
	Coordinates of the well head on on the New Mexico State Plane Coordinate System - Central Zone. x - <u>352,094.5560</u> y - <u>2,173,912.9000</u>	
	Latitude - <u>36°58'14"N</u> Longitude - <u>106°45'26"W</u> **Information provided by Steven Hayden, NM OCD District II. Surveyor cannot verify the information.	
#416		

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 97454	³ Pool Name WC 32N 2E 19, Entrada
⁴ Property Code 34841	⁵ Property Name Celso Gomez	⁶ Well Number #2
⁷ OGRID No. 232512	⁸ Operator Name Lone Wolf New Mexico, LLC	⁹ Elevation 8130

¹⁰ Surface Location

UL or lot no.	Section **19	Township 32N	Range 02E	Lot Idn	Feet from the 1500'	North/South line South	Feet from the 2400'	East/West line East	County Rio Arriba
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¹¹ 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
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¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

Plat does not conform to BLM and SLO grids, replaced by previous page

¹⁶ ** Sectionization was graphically taken from the projected subdivision map as filed in Book of Plats Cabinet L-54, page 2579 in the records of the Rio Arriba County Clerk on 30 June 1992. Coordinates of the well head are on the New Mexico State Plane Coordinate System - Central Zone. x - 352,094.5560 y - 2,173,912.9000 #416	<div style="text-align: center;">19</div> <div style="text-align: center;">2400'</div> <div style="text-align: center;">1500'</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>Michael J. Benetatos</i> 17 JAN 06 Signature Date Michael J. Benetatos Printed Name</p> <p>Jan. 20, 2006</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>29 November 2005 Date of Survey Signature and Seal of Professional Surveyor: <i>Gilberto Archuleta</i> Gilberto Archuleta NMPs 13976 Certificate Number</p>
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LONE WOLF OPERATING COMPANY

Gooding #1
19-T32N-R2E
Rio Arriba County, New Mexico

Proposed Drilling Prognosis

1. MIRU Rotary Tools. Drill with native mud 12 1/4" hole to +/- 150'. RU and run 8 5/8" 23# casing to TD and cement to surface.
2. WOC 8 hours. NU BOP and test. Drill out from under surface with 7 7/8" hole to projected TD of 2040'.
3. As the first projected show is at +/- 830', mud up under surface with 9.2 – 9.3#, 45 – 50 vis and 8-10 water loss. Also, mud logger/geologist will be on location before drill out and samples will be caught per his instructions.
4. At TD, circulate and condition hole for logs. Proposed logging program includes Dual Induction, Compensated Density – Neutron, GR/SP with potential for Sidewall Cores, Dipmeter and Sonic.
5. Rest of program will be dependent on analysis of geological and log information.