

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**

<sup>1</sup> Operator Name and Address Lone Wolf New Mexico, LLC 1125 17th St., Ste 2290 Denver, CO 80202		<sup>2</sup> OGRID Number 232512
<sup>3</sup> Property Code 3-844 35391	<sup>4</sup> Property Name Gooding	<sup>5</sup> APL Number 30-039-29754
<sup>6</sup> Proposed Pool 1 WC32N2E19, Entrada		<sup>7</sup> Proposed Pool 2

**Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	19 29	32N	02E	994	500 1100	North South	1900 300	East West	Rio Arriba

**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**

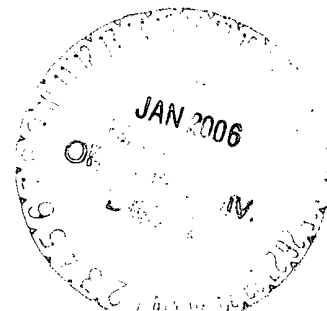
<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 8130'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 2040'	<sup>18</sup> Formation Entrada	<sup>19</sup> Contractor Unknown	<sup>20</sup> 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"/>				

**Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	3 5/8"	23	150'	98	Surface
7 7/8"	5 1/2"	15.5	2040'	310	Surface

<sup>22</sup> 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



<sup>23</sup> 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"/> .		<b>OIL CONSERVATION DIVISION</b>	
Printed name: Mike Benotatos		Approved by:	
Title: OPERATIONS MGR, NM, LLC		Title: DEPUTY OIL & GAS INSPECTOR, DIST. IV	
E-mail Address: Mike@LONEWOLFap.com		Approval Date: JAN 17 2006 Expiration Date: JAN 17 2007	
Date: 06 JAN 06	Phone: 720 904 6949	Conditions of Approval Attached <input type="checkbox"/>	

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
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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**

<sup>1</sup> API Number <b>30-039-29754</b>	<sup>2</sup> Pool Code <b>97454</b>	<sup>3</sup> Pool Name <b>WC 32N 2E19, Entrada</b>
<sup>4</sup> Property Code <b>34841</b>	<sup>5</sup> Property Name <b><del>CHROMO MOUNTAIN RANCH</del> Gooding</b>	<sup>6</sup> Well Number <b><del>34841</del> #1</b>
<sup>7</sup> OGRID No. <b>232512</b>	<sup>8</sup> Operator Name <b>Lone Wolf New Mexico LLC</b>	<sup>9</sup> Elevation <b>8130</b>

<sup>10</sup> Surface Location

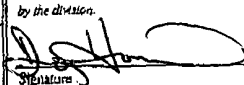
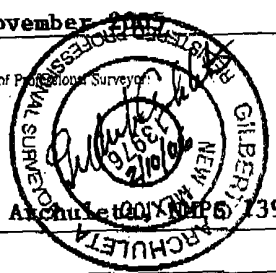
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>232512</b>	<b>**29</b>	<b>32N</b>	<b>02E</b>		<b>**1100</b>	<b>South**</b>	<b>**300</b>	<b>**West</b>	<b>Rio Arriba</b>

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres <b>40</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

<sup>16</sup> <b>Coordinates of the well head are on the New Mexico State Plane Coordinate System - Central Zone.</b>  <b>x - 352,541.7870</b> <b>y - 2,176,931.6450</b>		<sup>17</sup> <b>OPERATOR CERTIFICATION</b> 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 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 _____ Date <b>2/10/06</b> Doug Harrington Printed Name _____	
Latitude - <b>36°58'43"N</b> Longitude - <b>106°45'21"W</b>  <b>** Information provided by Steven Hayden, NM OCD District III Surveyor cannot verify the information.</b> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; text-align: center; line-height: 40px; margin: 10px auto;">29</div>		<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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.  <b>29 November 2005</b> Date of Survey _____ Signature and Seal of Professional Surveyor:  <b>Gilberto Archuleta</b> Certificate Number <b>13976</b>	

#417

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## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-039-29755</b>	<sup>2</sup> Pool Code <b>97454</b>	<sup>3</sup> Pool Name <b>WC 32N 2E 19, Entrada</b>
<sup>4</sup> Property Code <b>34841</b>	<sup>5</sup> Property Name <b>Gooding</b>	<sup>6</sup> Well Number <b>#1</b>
<sup>7</sup> OGRID No. <b>232512</b>	<sup>8</sup> Operator Name <b>Lone Wolf New Mexico, LLC</b>	<sup>9</sup> Elevation <b>8130</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	<b>**19</b>	<b>32N</b>	<b>02E</b>		<b>600</b>	<b>North</b>	<b>1900</b>	<b>East</b>	<b>Rio Arriba</b>

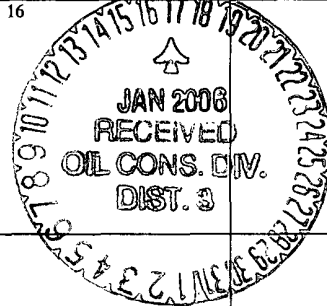
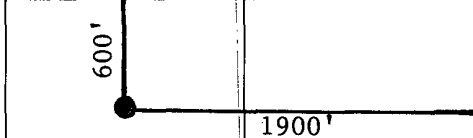
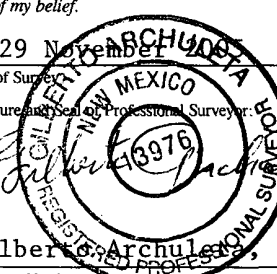
<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.

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.

*This plat does not conform to BLM & SLO grids - see previous page*

<sup>16</sup> 		<sup>17</sup> <b>OPERATOR CERTIFICATION</b> 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.
	<sup>19</sup>	Signature _____ Date _____ Printed Name _____
<b>** 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.</b>	<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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 <b>29 Nov 2005</b> Signature and Seal of Professional Surveyor: 
Coordinates of the well head are on the New Mexico State Plane Coordinate System - Central Zone. x - 352,541.7870 y - 2,176,931.6450	Gilbert Archuleta, NMPS 13976 Certificate Number	

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## LONE WOLF OPERATING COMPANY

Celso Gomez #2  
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 2100'.
3. As the first projected show is at +/- 1010', 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.