

**Stogner, Michael**

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**From:** Stogner, Michael

**Sent:** Mon 6/13/2005 5:23 PM

**To:** Hayden, Steven

**Cc:**

**Subject:** 30-039-29538

**Attachments:**

I am in receipt of an NSL application from Lone Wolf Operating Company for this well. Could you send me a copy of your well file on this well. Thanks.

**Stogner, Michael**

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**From:** Hayden, Steven **Sent:** Tue 6/14/2005 7:53 AM  
**To:** Stogner, Michael  
**Cc:**  
**Subject:** RE: 30-039-29538  
**Attachments:**

Mike,

All there is so far is an APD that I am currently holding until they send some more stuff.

It's a wildcat NW of Chama that looks to be targeted on structural trend with the Chromo fields in Colorado. They are on Mancos surface and the APD and phone calls indicate they want to go to the preCambrian and hope to get oil in the Entrada. The trouble is that they think that it is only 1700 feet to the pC basement, which is an unrealistic hope. It might be possible to get to the Entrada within the applied for depth range, depending on how low in the Mancos their surface is.

I will Fax it to you this morning


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**Sent:** Mon 6/13/2005 5:23 PM  
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I am in receipt of an NSL application from Lone Wolf Operating Company for this well. Could you send me a copy of your well file on this well. Thanks.

Attachments can contain viruses that may harm your computer. Attachments may not display correctly.

**Stogner, Michael**

**From:** Hayden, Steven  
**To:** Stogner, Michael  
**Cc:**  
**Subject:** RE: 30-039-29538  
**Attachments:**  lonewolfpermit.tif(157KB)

**Sent:** Tue 6/14/2005 8:01 AM

I couldn't get the FAX to connect to Engineering, so Monica scanned this in for me.

Steve

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**From:** Stogner, Michael  
**Sent:** Mon 6/13/2005 5:23 PM  
**To:** Hayden, Steven  
**Subject:** 30-039-29538

I am in receipt of an NSL application from Lone Wolf Operating Company for this well. Could you send me a copy of your well file on this well. Thanks.

8:00 AM

6-14-2005

Talked w/ Steve Hayden

Entrach oil will be there target interval. Little to no chance for gas activity. Some chance for other oil being rock.

MS

## 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

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-101

May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

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

|   |                                     |                                   |
|---|-------------------------------------|-----------------------------------|
| Operator Name and Address<br><b>Lone Wolf New Mexico, LLC</b> |                                     | OGRID Number<br><b>232512</b>     |
| 1125 17th Street, Suite 2290 Denver, CO 80202                 |                                     | API Number<br><b>30-039-29638</b> |
| Property Code   | Property Name<br><b>Cargo Comez</b> | Well No.<br><b>#1</b>             |
| Proposed Pool 1<br><b>Wildcat</b>                             |                                     | 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     |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
|               | 19      | 32N      | 02E   |         | 600           | South            | 2600          | West           | 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<br><b>N</b>   | 12 Well Type Code<br><b>G</b>     | 13 Cable/Rotary<br><b>R</b>                          | 14 Lease Type Code<br><b>P</b> | 15 Ground Level Elevation<br><b>8161'</b>              |
| 16 Multiple   | 17 Proposed Depth<br><b>1720'</b> | 18 Formation<br><b>Basement</b>                      | 19 Contractor                  | 20 Spud Date<br><b>06/01/2005</b>                      |
| Depth to Groundwater<br><b>50'</b>  |                                   | Distance from nearest fresh water well<br><b>N/A</b> |                                | Distance from nearest surface water<br><b>.5 miles</b> |
| Pit: Liner: Synthetic <input type="checkbox"/> mils thick Clay <input checked="" type="checkbox"/> Pit Volume <b>900</b> bbls Drilling Method:  |                                   |  |                                |  |
| Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <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                 | 130'          | 100sxsNeat      | Surface       |
| 7 7/8"    | 5 1/2"      | 15.5               | 1720'         | 358sxs60/40     | Surface       |
|           |             |                    |               | Poz             |               |

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

HOLD C104 FOR NSL

|   |  |  |  |
|---|--|--|--|
| 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 type="checkbox"/> a general permit <input checked="" type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> . |  | OIL CONSERVATION DIVISION                                |  |
| Printed name: <b>Doug Hoisington</b>  |  | Approved by:   |  |
| Title: <b>President</b>   |  | Title:   |  |
| E-mail Address: <b>doug@lonewolfop.com</b>  |  | Approval Date:   |  |
| Date: <b>03/23/2005</b>   |  | Expiration Date:   |  |
| Phone: <b>(720) 904-6949</b>  |  | Conditions of Approval Attached <input type="checkbox"/> |  |

District I  
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1220 S. St. Francis Dr., Santa Fe, NM 87505

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 June 10, 2003  
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          | <sup>2</sup> Pool Code<br>97404                         | <sup>3</sup> Pool Name<br>Wc 32N2E19; Entrada |
| <sup>4</sup> Property Code       | <sup>5</sup> Property Name<br>Celso Gomez               | <sup>6</sup> Well Number<br>#1                |
| <sup>7</sup> OGRID No.<br>232512 | <sup>8</sup> Operator Name<br>Lone Wolf New Mexico, LLC | <sup>9</sup> Elevation<br>8161                |

<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     |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
|               | ** 19   | 32N      | 02E   |         | 600           | south            | 2600          | west           | Rio Arriba |

<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<br>40 | <sup>13</sup> Joint or Infill<br>N | <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

|  |  |   |
|--|--|---|
| <sup>16</sup><br><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><br><br><b>Coordinates of the well head are on the New Mexico State Plane Coordinate System - Central Zone.</b><br><br>x - 351,782.687<br>y - 2,172,997.261 |  | <sup>17</sup> OPERATOR CERTIFICATION<br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.<br><br>Signature<br>Doug Hoisington<br>Printed Name<br>President, doug@lonewolfop.com<br>Title and E-mail Address<br>05/15/2005<br>Date   |
|  |  | <sup>18</sup> SURVEYOR CERTIFICATION<br>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.<br>10 January 2005<br>Date of Survey<br><br>Signature and Seal of Professional Surveyor<br><br>Gilberto Archuleta<br>Registered Professional Surveyor<br>Certificate Number |



## LONE WOLF OPERATING COMPANY

Celso Gomez #1  
19 – T32N – R2E  
Rio Arriba County, New Mexico

### Proposed Drilling Prognosis

1. MIRU Rotary Tools. Drill with native mud 12 ¼" hole to +/- 130'. RU and run 8 5/8" 23# casing to TD and cement to surface.
2. WOC 8 hours. NU BOP and test. Minimum BOP requirement will be 3000 psig, annular bag preventor. Test to +/- 1500 psig. Drill out from under surface with 7 7/8" hole to projected TD of 1,720'.
3. As the first projected show is at +/- 500', 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.