

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 Street, Suite 2290 Denver, CO 80202		² OGRID Number 232512
³ Property Code 34841	⁴ Property Name Celso Gomez	⁵ API Number 30-039-29538
⁶ Well No. #1		
⁹ Proposed Pool 1 Wildcat WC 32N 2E 19; Entrada		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
	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

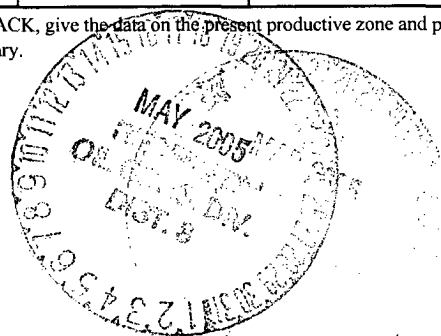
¹¹ Work Type Code N	¹² Well Type Code EO	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 8161'
¹⁶ Multiple	¹⁷ Proposed Depth 1720'	¹⁸ Formation Basement	¹⁹ Contractor	²⁰ Spud Date 06/01/2005
Depth to Groundwater 50'		Distance from nearest fresh water well > 1200'		Distance from nearest surface water > 1200' - 5 miles
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input checked="" type="checkbox"/> Pit Volume 900 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'	100sxs Neat	Surface
7 7/8"	5 1/2"	15.5	1720'	352sxs 60/40	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



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 ☒ a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Doug Hoisington

Title: President

E-mail Address: doug@lonewolfop.com

Date: 03/23/2005

Phone: (720) 904-6949

OIL CONSERVATION DIVISION

Approved by:

Title: DEPUTY OIL & GAS INSPECTOR, DIST. 8

Approval Date:

AUG 22 2005

Expiration Date:

AUG 22 2006

Conditions of Approval Attached ☐

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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 June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-29538	² Pool Code 97464	³ Pool Name Wildcat WLC-32M-2-E-19 Entrada
⁴ Property Code 34841	⁵ Property Name Celso Gomez	⁶ Well Number #1
⁷ OGRID No. 232512	⁸ Operator Name Lone Wolf New Mexico, LLC	⁹ Elevation 8161

¹⁰ Surface Location

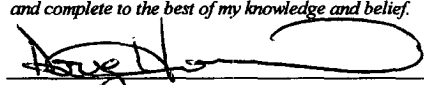

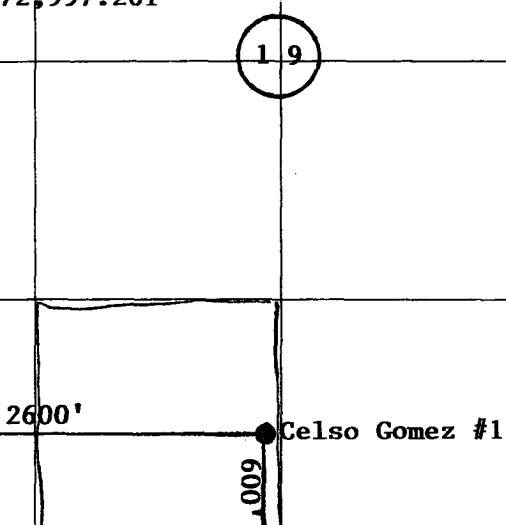
UL or lot no.	Section ** 19	Township 32N	Range 02E	Lot Idn	Feet from the 600	North/South line south	Feet from the 2600	East/West line west	County Rio Arriba
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¹¹ Bottom Hole Location If Different From Surface

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 40	¹³ Joint or Infill N	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 ** 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 - 351,782.687 y - 2,172,997.261	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Doug Hoisington Printed Name President, doug@lonewolfop.com Title and E-mail Address 05/15/2005 Date
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. 10 January 2005 Date of Survey  Signature and Seal of Professional Surveyor Gilberto Archuleta Certificate Number MPS 13976		



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 1/4" 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. Drill out from under surface with 7 7/8" hole to projected TD of 1,720'. *2000 PSI rated Bop minimum*
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.