

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 Gruy Petroleum Management Co. PO Box 140907 Irving, TX 75014-0907		<sup>2</sup> OGRID Number 162683
		<sup>3</sup> API Number 30 - 005-62662
<sup>4</sup> Property Code 300572	<sup>5</sup> Property Name State EI	<sup>6</sup> Well No. 002
<sup>9</sup> Proposed Pool 1 Oter back Ranch Atoka		<sup>10</sup> Proposed Pool 2

<sup>7</sup> Surface Location									
UL or lot no L	Section 36	Township 15S	Range 27E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 660	East/West line West	County Chaves

<sup>8</sup> 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 P	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code State	<sup>15</sup> Ground Level Elevation 3598' GR
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 8825'	<sup>18</sup> Formation Atoka	<sup>19</sup> Contractor Unknown	<sup>20</sup> Spud Date When Approved
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				
Closed-Loop System <input type="checkbox"/>				

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated IOC
17-1/2"	13-3/8"	48#	350'	350sx	N/A
12-1/4"	8-5/8"	24#	1800'	650sx	N/A
7-7/8"	4-1/2"	11.6#	9260'	890sx	N/A

<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.

Current Morrow zone shut in since February 2004. Propose to plugback to Atoka per the following procedure. Set CIBP @ 8860' with 35' cement. Perf Atoka at 8870' - 8885' and 8815' - 8820'. Break down each zone with 2% KCL. Set packer above perfs and test casing/backside to 3000psi. If stimulation is performed, it will be 3000 gallons 15% NEFE HCl down the tubing.

Gruy will use a 5000 psi manual BOP system.

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

Printed name: Zeno Farris *Zeno Farris*

Title: Manager Operations Administration

E-mail Address: [zfarris@cimarex.com](mailto:zfarris@cimarex.com)

Date: October 27, 2005

Phone: 972-443-6489

Approved by:

Title:

Approval Date:

Conditions of Approval:

OIL CONSERVATION DIVISION

*Jim W. Burre*  
District II Supervisor

DEC 15 2005

Expiration Date: DEC 15 2006

If earthen pits are used in association with the drilling of this well, an OCD pit permit must be obtained prior to pit construction.

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## State of New Mexico

Energy, Minerals &amp; 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

<sup>1</sup> API Number 30-005-62662	<sup>2</sup> Pool Code 82365	<sup>3</sup> Pool Name Oiler back, Atoka, - (Gas)
<sup>4</sup> Property Code	<sup>5</sup> Property Name State EI Ranch	<sup>6</sup> Well Number 002
<sup>7</sup> OGRID No. 162683	<sup>8</sup> Operator Name Gruy Petroleum Management Co.	<sup>9</sup> Elevation 3598' GR

<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
L	36	15S	27E		1980	South	660	West	Chaves

<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 320	<sup>13</sup> Joint or Infill Y	<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> 	State ET #1	<sup>17</sup> 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 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. <u>Zeno Farris</u> 10-27-05 Signature Date Zeno Farris Printed Name
	State ET #2	
	<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes <sup>or</sup> actual surveys made by me <del>under my supervision</del> , and that the same is true and correct to the best of my belief. <u>Zeno Farris</u> Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number	