

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, PLUG BACK, OR ADD A ZONE**

|  |  |  |
|--|--|--|
| <sup>1</sup> Operator Name and Address<br>Cimarex Energy Co. of Colorado<br>PO Box 140907<br>Irving, TX 75014-0907 |  | <sup>2</sup> OGRID Number<br>162683                      |
|  |  | <sup>3</sup> API Number<br>30 - 015-33627                |
| <sup>4</sup> Property Code   | <sup>5</sup> Property Name<br>Goldeneve 26 Federal Com | <sup>6</sup> Well No.<br>002                             |
| <sup>9</sup> Proposed Pool 1<br>Wildcat; Atoka (Gas)   |  | <sup>10</sup> Proposed Pool 2<br>Cottonwood Draw; Morrow |

<sup>7</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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C             | 26      | 25S      | 26E   |         | 330           | North            | 1450          | West           | Eddy   |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C             | 26      | 25S      | 26E   |         | 801           | North            | 1433          | West           | Eddy   |

## Additional Well Information

|  |   |   |                                    |  |
|--|---|---|------------------------------------|--|
| <sup>11</sup> Work Type Code<br>A  | <sup>12</sup> Well Type Code<br>G                     | <sup>13</sup> Cable/Rotary<br>R                   | <sup>14</sup> Lease Type Code<br>P | <sup>15</sup> Ground Level Elevation<br>3240' GR |
| <sup>16</sup> Multiple<br>Y  | <sup>17</sup> Proposed Depth<br>MD 12525', TVD 12482' | <sup>18</sup> Formation<br>Morrow/Atoka           | <sup>19</sup> Contractor           | <sup>20</sup> Spud Date<br>When Approved         |
| Depth to Groundwater<br>14'  |   | Distance from nearest fresh water well<br>> 1000' |                                    | Distance from nearest surface water<br>> 1000'   |
| Pit: Liner: Synthetic <input type="checkbox"/> __mils thick Clay <input type="checkbox"/> Pit Volume: __ bbls Drilling Method:<br>Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/> |   |   |                                    |  |

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

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 17-1/2"   | 13-3/8"     | 54.5#              | 218'          | 250             | 0             |
| 12-1/4"   | 9-5/8"      | 40#                | 1902'         | 200             | 0             |
| 8-3/4"    | 7"          | 23#                | 9025'         | 1175            | 4966          |
| 6-1/8"    | 4-1/2"      | 11.6#              | 12525'        | 425             | 6510          |

<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.

The Goldeneye 26 Fed Com No. 2 is currently producing from the Cottonwood Draw; Morrow pool (11592' - 12044'). Cimarex proposes to re-enter, set a composite plug @ 11550', dump 30' of sand on top, and perform the following operations:

Perf Atoka 11342'-11354' 6 spf 72 holes. Stimulate as necessary. Produce as a Wildcat; Atoka (Gas) well until pressure becomes compatible with Morrow perfs. Then remove CBP with coil tubing and downhole commingle per Administrative Order DHC-3376.

Please see attached C-102 and procedure.

<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

Date: May 1, 2007

Phone: 972-443-6489

## OIL CONSERVATION DIVISION

Approved by: **BRYAN G. ARRANT**  
DISTRICT II GEOLOGIST

Title:

Approval Date: **MAY 02 2007** Expiration Date: **MAY 02 2008**

Conditions of Approval Attached ☐

DISTRICT I  
1625 N. FRANKLIN DR. EDWARDS, NM 88540

DISTRICT II  
1361 W. GRAND AVENUE ALBUQUERQUE, NM 87102

DISTRICT III  
1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised JUNE 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

|                            |   |                                   |
|----------------------------|---|-----------------------------------|
| API Number<br>30-015-33627 | Pool Code                                       | Pool Name<br>Wildcat; Atoka (Gas) |
| Property Code              | Property Name<br>GOLDEN EYE 26 FEDERAL COM      | Well Number<br>2                  |
| OGRID No.<br>162683        | Operator Name<br>Cimarex Energy Co. of Colorado | Elevation<br>3240'                |

Surface Location

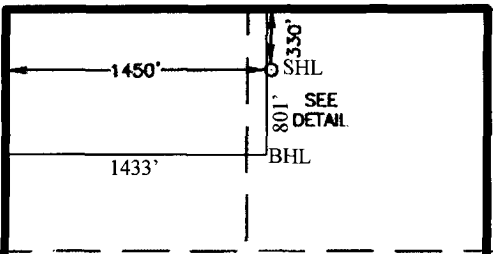
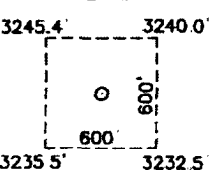
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C             | 26      | 25-S     | 26-E  |         | 330           | NORTH            | 1450          | WEST           | EDDY   |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C             | 26      | 25-S     | 26-E  |         | 801           | NORTH            | 1433          | WEST           | EDDY   |

| Dedicated Acres | Joint or Infill | Consolidation Code | Order No.          |
|-----------------|-----------------|--------------------|--------------------|
| 320             | Y               | C                  | DHC-3376, NSL-5215 |

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

|  |  |  |
|--|--|--|
|  | <p>DETAIL</p>                                     | <p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Zeno Farris</i></p> <p>Signature</p> <p>Zeno Farris</p> <p>Printed Name</p> <p>Mgr Operations Admin</p> <p>Title</p> <p>04-25-07</p> <p>Date</p>   |
| <p>Penetration Point Atoka:<br/>532' FNL &amp; 1453' FWL</p>                       | <p>GEODETIC COORDINATES<br/>NAD 27 NME</p> <p>Y=402668.8 N<br/>X=520602.2 E</p> <p>LAT.=32°06'25.32" N<br/>LONG.=104°16'00.47" W</p> | <p>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>AUGUST 16, 2004</p> <p>Date Surveyed</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p><i>GARY E. EIDSON</i></p> <p>NEW MEXICO</p> <p>04-11-09900</p> <p>Certificate No. GARY EIDSON 12641</p> |