



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**OCD-ARTESIA**

FORM APPROVED  
OMB NO 1004-0137  
Expires March 31, 2007

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5 Lease Serial No  
LC-028784-B

1a Type of Well  Oil Well  Gas Well  Dry  Other  
b Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff Resvr  
Other \_\_\_\_\_

6 If Indian, Allottee or Tribe Name

2 Name of Operator  
Cimarex Energy Co of Colorado

7 Unit or CA Agreement Name and No

3 Address  
PO Box 140907, Irving, TX 75014

3a Phone No (include area code)  
972-443-6489

8 Lease Name and Well No  
Keely 26 Federal No 2

9 API Well No  
30-015-35491

4 Location of Well (Report Location clearly and in accordance with Federal requirements)\*

10 Field and Pool, or Exploratory  
Sand Tank, Morrow (Gas)

11 Sec, T, R, M, on Block and  
Survey or Area  
26-17S-29E

12 County or Parish  
Eddy

13 State  
NM

At surface 1150' FSL & 1825' FEL

At top prod interval reported below 1185' FSL & 1828' FEL

At total depth 1185' FSL & 1828' FEL

**SEP 19 2007**  
**OCD-ARTESIA**

14 Date Spudded  
04 28 07

15 Date T D Reached  
06 18 07

16 Date Completed 07 26 07  
 D & A  Ready to Prod

17 Elevations (DF, RKB, RT, GL)\*  
3,564' GR

18 Total Depth MD 11,260'  
TVD 11,259'

19 Plug Back TD MD 10,865'  
TVD 10,864'

20 Depth Bridge Plug Set MD 10,900'  
TVD 10,899'

21 Type Electric & Other Mechanical Logs Run (Submit copy of each)

Neutron Log, Laterolog

22 Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit report)  
Directional Survey  No  Yes (Submit copy)

23 Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade   | Wt (#/ft) | Top (MD) | Bottom (MD) | Stage Cements<br>Depth | No of Sks &<br>Type of Cement | Slurry Vol<br>(BBL) | Cement Top* | Amount Pulled |
|-----------|--------------|-----------|----------|-------------|------------------------|-------------------------------|---------------------|-------------|---------------|
| 17-1/2"   | 13-3/8" H-40 | 48        | 0        | 404'        | NA                     | 570 sx PremP                  |                     | 0           |               |
| 11"       | 8-5/8" J-55  | 32        | 0        | 4,195'      | NA                     | 1935 sx IntC/PremP            |                     | 0           |               |
| 7-7/8"    | 5-1/2" P-110 | 17        | 0        | 11,251'     | NA                     | 820 sx IntH/SupH              |                     | 3995'       |               |

24 Tubing Record

| Size   | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2-3/8" | 10,606'        | 10,495'           |      |                |                   |      |                |                   |

25 Producing Intervals

26 Perforation Record

| Formation            | Top     | Bottom  | Perforated Interval | Size | No Holes | Perf Status            |
|----------------------|---------|---------|---------------------|------|----------|------------------------|
| A) Sand Tank, Morrow | 10,840' | 11,124' | 10,919' - 11,076'   | 0 42 | 108      | CIBP @ 10,900' 35' cmt |
| B)                   |         |         | 10,658' - 10,684'   | 0 42 | 252      | Producing              |
| C)                   |         |         |                     |      |          |                        |
| D)                   |         |         |                     |      |          |                        |

27 Acid, Fracture, Treatment, Cement Squeeze, etc

| Depth Interval    | Amount and Type of Material                          |
|-------------------|--|
| 10,919' - 11,076' | 2800 SCF N2 for 3 minutes while perfing w/ TCP guns  |
| 10,658' - 10,684' | 3000 SCF N2 for 10 minutes while perfing w/ TCP guns |

28 Production - Interval A

| Date First Produced | Test Date      | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr API | Gas Gravity | Production Method |
|---------------------|----------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-------------------|
| 07 26 07            | 08 01 07       | 24           | →               | 3       | 1200    | 0         | 54.2                 | 1.089       | Flowing           |
| Choke Size          | Tbg Press Flwg | Csg Press    | 24 Hr Rate      | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio        | Well Status |                   |
| 15/64               | SI 2600        | 975          | →               |         |         |           | 400,000              | Flowing     |                   |

ACCEPTED FOR RECORD

28 Production - Interval B

| Date First Produced | Test Date      | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr API | Gas Gravity | Production Method |
|---------------------|----------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-------------------|
|                     |                |              | →               |         |         |           |                      |             |                   |
| Choke Size          | Tbg Press Flwg | Csg Press    | 24 Hr Rate      | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio        | Well Status |                   |
|                     | SI             |              | →               |         |         |           |                      |             |                   |

SEP 14 2007

JERRY FANT  
PETROLEUM GEOLOGIST

\* (See instructions and spaces for additional data on page 2)

28b Production - Interval C

|                     |                         |              |                      |              |         |           |                         |             |                   |
|---------------------|-------------------------|--------------|----------------------|--------------|---------|-----------|-------------------------|-------------|-------------------|
| Date First Produced | Test Date               | Hours Tested | Test Production<br>→ | Oil BBL<br>→ | Gas MCF | Water BBL | Oil Gravity<br>Corr API | Gas Gravity | Production Method |
| Choke Size          | Tbg Press<br>Flwg<br>SI | Csg Press    | 24 Hr Rate<br>→      | Oil BBL      | Gas MCF | Water BBL | Gas/Oil Ratio           | Well Status |                   |

28c Production - Interval D

|                     |                         |              |                      |         |         |           |                         |             |                   |
|---------------------|-------------------------|--------------|----------------------|---------|---------|-----------|-------------------------|-------------|-------------------|
| Date First Produced | Test Date               | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr API | Gas Gravity | Production Method |
| Choke Size          | Tbg Press<br>Flwg<br>SI | Csg Press    | 24 Hr Rate<br>→      | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio           | Well Status |                   |

29 Disposition of Gas (Sold, used for fuel, vented, etc )

Sold

30 Summary of Porous Zones (Include Aquifers)

Show all important zones of porosity and contents thereof Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31 Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, etc | Name          | Top        |
|-----------|-----|--------|-----------------------------|---------------|------------|
|           |     |        |                             |               | Meas Depth |
|           |     |        |                             | San Andres    | 2,635'     |
|           |     |        |                             | Wolfcamp      | 7,645'     |
|           |     |        |                             | Cisco         | 9,290'     |
|           |     |        |                             | Strawn        | 10,130'    |
|           |     |        |                             | Atoka         | 10,370'    |
|           |     |        |                             | Morrow        | 10,840'    |
|           |     |        |                             | Mississippian | 11,125'    |

32 Additional remarks (include plugging procedure)

33 Indicate which items have been attached by placing a check in the appropriate boxes

- Electrical/Mechanical Logs (1 full set req'd )     
  Geologic Report     
  DST Report     
  Directional Survey  
 Sundry Notice for plugging and cement verification     
  Core Analysis     
  Other

34 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Natalie Krueger Title Reg Analyst 1

Signature Natalie Krueger Date August 29, 2007

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

DISTRICT I  
1026 N. French Dr., Hobbs, NM 88240

DISTRICT II  
1501 W. Grand Avenue, Artesia, NM 88210

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

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87506

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised October 12, 2005

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                            |   |                                      |
|----------------------------|---|--------------------------------------|
| API Number<br>30-015-35491 | Pool Code<br>84872                              | Pool Name<br>Sand Tank; Morrow (Gas) |
| Property Code              | Property Name<br>KEELY "26" FEDERAL             | Well Number<br>2                     |
| OGRID No.<br>162683        | Operator Name<br>CIMAREX ENERGY CO. OF COLORADO | Elevation<br>3564'                   |

**Surface Location**

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| O             | 26      | 17 S     | 29 E  |         | 1150          | SOUTH            | 1825          | EAST           | 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| O             | 26      | 17 S     | 29 E  |         | 1185          | SOUTH            | 1828          | EAST           | EDDY   |

| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|-----------------|-----------------|--------------------|-----------|
| 320             | Y               |                    |           |

**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>Lat - N32°48'05.2"<br/>Long - W104°02'34.1"<br/>NMSPC - N 665416.331<br/>E 630608.846<br/>(NAD-83)</p> | <p>1980'</p> <p>1550'</p> <p>Keely 26 Fed #1</p> | <p>LC-028784-B</p> <p>Keely 26 Fed #2</p> <p>3567.5' 3566.0'</p> <p>BHL 1828'</p> <p>SHL 1825'</p> <p>3561.4' 3567.4'</p> <p>1185'</p> <p>1150'</p> | <p><b>OPERATOR CERTIFICATION</b></p> <p>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 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.</p> <p>Zeno Farris 08-29-07<br/>Signature Date</p> <p>Zeno Farris<br/>Printed Name</p> |
|   |  |   | <p><b>SURVEYOR CERTIFICATION</b></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>FEBRUARY 07, 2007</p> <p>Date Signed<br/>Signature of Gary L. Jones<br/>Professional Surveyor</p> <p>Certificate No. Gary L. Jones 7977</p> <p><b>BASIN SURVEYS</b></p>  |



**Keely 26 Federal No. 2**  
 26-17S-29E  
 SHL 1150' FSL & 1825' FEL  
 30-015-35941

**Directional Survey**

| STATION NUMBER | SURVEY DEPTH | INC | AZMTH | TVD     | N-S   | E-W    | VERT SECTION | DLS/100 |
|----------------|--------------|-----|-------|---------|-------|--------|--------------|---------|
| Tie-In         | 3899         | 2.0 | 358.6 | 3898.27 | 15.04 | -19.41 | 15.04        |         |
| 1              | 4203         | 2.7 | 53.2  | 4202.05 | 24.63 | -13.81 | 24.96        | 0.74    |
| 2              | 4235         | 5.5 | 58.0  | 4233.96 | 25.90 | -11.90 | 26.18        | 8.81    |
| 3              | 4266         | 5.4 | 58.0  | 4264.82 | 27.46 | -9.40  | 27.68        | 0.32    |
| 4              | 4298         | 4.8 | 41.2  | 4296.70 | 29.26 | -7.25  | 29.43        | 5.01    |
| 5              | 4329         | 4.3 | 41.3  | 4327.60 | 31.11 | -5.62  | 31.24        | 1.61    |
| 6              | 4361         | 3.1 | 33.1  | 4359.53 | 32.74 | -4.36  | 32.84        | 4.09    |
| BIT            | 4406         | 3.1 | 33.1  | 4404.47 | 34.78 | -3.03  | 34.84        | 0.00    |

**L.D. Burton**

**Well Design Engineer**

Black Viper Energy Services

Office: (432)561-8801

Fax: (432)561-8870

Cell: (432)349-3436



CACTUS DRILLING COMPANY, L.L.C.  
 REPORT OF PROOF OF APPARENT DEVIATION  
 NEW MEXICO

OPERATOR CIMAREX ENERGY CO  
5215 N O'CONNOR BLVD  
IRVING, TX 75039

FIELD NAME \_\_\_\_\_  
 COUNTY/PARISH EDDY

WELL NAME & NO. KEELY 26 FED #2

LEGAL SEC 26-17S-29E

| MEASURED DEPTH (FT) | COURSE LENGTH (HUNDREDS OF FT) | ANGLE OF INCLINATION (DEGREES) | DISPLACEMENT PER HUNDRED FT (SINE OF ANGLE X 100) | COURSE DISPLACEMENT (FEET) | ACCUMULATIVE DISPLACEMENT (FEET) | REMARKS |
|---------------------|--------------------------------|--------------------------------|---|----------------------------|----------------------------------|---------|
| 159                 | 1 59                           | 2/3                            | 1 1344  | 1 80                       | 1 80                             |         |
| 313                 | 1 54                           | 3/4                            | 1 2033  | 2 52                       | 3 62                             |         |
| 639                 | 3 26                           | 3/7                            | 0 7505  | 2 45                       | 6 27                             |         |
| 1102                | 4 63                           | 1                              | 1 7452  | 8 08                       | 14 35                            |         |
| 1511                | 4 09                           | 4/7                            | 0 9948  | 4 07                       | 18 42                            |         |
| 1920                | 4 09                           | 1 3/8                          | 2 3909  | 9 78                       | 28 19                            |         |
| 2144                | 2 24                           | 1 2/7                          | 2 2338  | 5 00                       | 33 20                            |         |
| 2400                | 2 56                           | 1                              | 1 6754  | 4 29                       | 37 49                            |         |
| 2800                | 4 00                           | 4/5                            | 1 3962  | 5 58                       | 43 07                            |         |
| 3265                | 4 65                           | 1/7                            | 0 2443  | 1 14                       | 44 21                            |         |
| 3628                | 3 63                           | 3/7                            | 0 7330  | 2 66                       | 46 87                            |         |



*Leslie N. Kidd*  
 7-11-07