

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-101  
August 1, 2011  
Permit 148007

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

|  |                                    |                               |
|--|------------------------------------|-------------------------------|
| 1. Operator Name and Address<br><b>CIMAREX ENERGY CO. OF COLORADO</b><br>600 N. Marienfeld St<br>Midland, TX 79701 |                                    | 2. OGRID Number<br>162683     |
|  |                                    | 3. API Number<br>30-015-40224 |
| 4. Property Code<br>39194  | 5. Property Name<br>NEBRASKA 1 FEE | 6. Well No.<br>002            |

**7. Surface Location**

| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| I        | 1       | 19S      | 25E   | I       | 1650      | S        | 330       | E        | EDDY   |

**8. Pool Information**

|                              |       |
|------------------------------|-------|
| PENASCO DRAW;SA-YESO (ASSOC) | 50270 |
|------------------------------|-------|

**Additional Well Information**

|                          |                            |  |                           |                                    |
|--------------------------|----------------------------|--|---------------------------|------------------------------------|
| 9. Work Type<br>New Well | 10. Well Type<br>OIL       | 11. Cable/Rotary                       | 12. Lease Type<br>Private | 13. Ground Level Elevation<br>3399 |
| 14. Multiple<br>N        | 15. Proposed Depth<br>3000 | 16. Formation<br>Blinbry               | 17. Contractor            | 18. Spud Date<br>7/7/2012          |
| Depth to Ground water    |                            | Distance from nearest fresh water well |                           | Distance to nearest surface water  |

**19. Proposed Casing and Cement Program**

| Type | Hole Size | Casing Type | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 14.75     | 9.625       | 36               | 950           | 1200            | 0             |
| Prod | 8.75      | 5.5         | 17               | 3000          | 640             | 0             |

**Casing/Cement Program: Additional Comments**

|  |
|--|
|  |
|--|

**Proposed Blowout Prevention Program**

| Type      | Working Pressure | Test Pressure | Manufacturer |
|-----------|------------------|---------------|--------------|
| DoubleRam | 3000             | 3000          | Cameran      |

|  |   |
|--|---|
| I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . | <b>OIL CONSERVATION DIVISION</b>                    |
| Printed Name: Electronically filed by Zeno Farris  | Approved By: Randy Dade                             |
| Title: Manager Operations Administration   | Title: District Supervisor                          |
| Email Address: zfarris@cimarex.com   | Approved Date: 5/2/2012   Expiration Date: 5/2/2014 |
| Date: 4/30/2012   Phone: 432-620-1936  | Conditions of Approval Attached                     |

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1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone (505) 478-3400 Fax: (505) 478-3450

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to appropriate  
District Office

**OIL CONSERVATION DIVISION**

1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

☐ AMENDED REPORT

|                              |  |   |
|------------------------------|--|---|
| API Number<br><b>30-015-</b> | Pool Code<br><b>50270</b>                              | Pool Name<br><b>Penasco Draw; SA-Yeso (Assoc)</b> |
| Property Code                | Property Name<br><b>NEBRASKA 1 FEE</b>                 | Well Number<br><b>2</b>                           |
| OGRID No.<br><b>162683</b>   | Operator Name<br><b>CIMAREX ENERGY CO. OF COLORADO</b> | Elevation<br><b>3399'</b>                         |

**Surface Location**

|               |          |             |             |         |               |                  |               |                |             |
|---------------|----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-------------|
| UL or lot No. | Section  | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
| <b>1</b>      | <b>1</b> | <b>19 S</b> | <b>25 E</b> |         | <b>1650</b>   | <b>SOUTH</b>     | <b>330</b>    | <b>EAST</b>    | <b>EDDY</b> |

**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 |
|               |         |          |       |         |               |                  |               |                |        |

|                              |                 |                    |           |
|------------------------------|-----------------|--------------------|-----------|
| Dedicated Acres<br><b>40</b> | Joint or Infill | Consolidation Code | 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**

|  |  |
|--|--|
|  | <b>OPERATOR CERTIFICATION</b><br>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.<br><br>Signature Date 4/27/2012<br>Printed Name Paula Brunson<br>Email Address pbrunson@cimarex.com |
|  | <b>SURVEYOR CERTIFICATION</b><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><br>Date Surveyed<br>Signature & Seal of Professional Surveyor<br>Certificate No. Gary L. Jones 7977<br>BASIN SURVEYS 26178   |

## Permit Comments

**Operator:** CIMAREX ENERGY CO. OF COLORADO , 162683

**Well:** NEBRASKA 1 FEE #002

**API:** 30-015-40224

| Created By | Comment  | Comment Date |
|------------|----------|--------------|
| CSHAPARD   | Land f/P | 5/1/2012     |

# Permit Conditions of Approval

**Operator:** CIMAREX ENERGY CO. OF COLORADO , 162683

**Well:** NEBRASKA 1 FEE #002

**API:** 30-015-40224

| OCD<br>Reviewer | Condition  |
|-----------------|--|
| CSHAPARD        | Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string |