

**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 151230

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

|                                                                                                    |                                          |                               |
|----------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------|
| 1. Operator Name and Address<br>CIMAREX ENERGY CO.<br>600 N MARIENFELD STREET<br>MIDLAND, TX 79701 |                                          | 2. OGRID Number<br>215099     |
|                                                                                                    |                                          | 3. API Number<br>30-025-40667 |
| 4. Property Code<br>38694                                                                          | 5. Property Name<br>TRISTE DRAW 36 STATE | 6. Well No.<br>005H           |

**7. Surface Location**

| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| C        | 36      | 23S      | 32E   | C       | 330       | N        | 2110      | W        | LEA    |

**8. Pool Information**

|                         |       |
|-------------------------|-------|
| TRISTE DRAW;BONE SPRING | 96603 |
|-------------------------|-------|

**Additional Well Information**

|                          |                             |                                        |                         |                                    |
|--------------------------|-----------------------------|----------------------------------------|-------------------------|------------------------------------|
| 9. Work Type<br>New Well | 10. Well Type<br>OIL        | 11. Cable/Rotary                       | 12. Lease Type<br>State | 13. Ground Level Elevation<br>3686 |
| 14. Multiple<br>N        | 15. Proposed Depth<br>14172 | 16. Formation<br>Bone Spring           | 17. Contractor          | 18. Spud Date<br>9/2/2012          |
| 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 | 17.5      | 13.375      | 48               | 1225          | 965             | 0             |
| Int1 | 12.25     | 9.625       | 40               | 4900          | 1855            | 0             |
| Prod | 8.75      | 5.5         | 17               | 14172         | 2335            | 3800          |

**Casing/Cement Program: Additional Comments**

After setting surface casing & intermediate casing, drill 8-3/4 hole to KOP @ 9389 & KO drilling 8-3/4 lateral to TD 14172 MD; 9675 TVD. Run 5-1/2 csg from 0-TD & cement.

**Proposed Blowout Prevention Program**

| Type      | Working Pressure | Test Pressure | Manufacturer |
|-----------|------------------|---------------|--------------|
| DoubleRam | 5000             | 5000          | Cameron      |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------|
| 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"/> .<br>Printed Name: Electronically filed by GENE A HOLLOWAY<br>Title:<br>Email Address: gholloway@cimarex.com<br>Date: 7/3/2012 | <b>OIL CONSERVATION DIVISION</b> |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Approved By: Paul Kautz          |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Title: Geologist                 |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Approved Date: 7/3/2012          | Expiration Date: 7/3/2014 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Phone: 918-295-1658              |                           |

Conditions of Approval Attached

DISTRICT I  
1828 S. French St., Santa Fe, NM 87505  
Phone (505) 825-2121 Fax (505) 825-2122

DISTRICT II  
811 S. First St., Santa Fe, NM 87501  
Phone (505) 825-2121 Fax (505) 825-2122

DISTRICT III  
1000 E. Gracie St., Santa Fe, NM 87505  
Phone (505) 825-2121 Fax (505) 825-2122

DISTRICT IV  
1828 S. E. French Dr., Santa Fe, NM 87505  
Phone (505) 825-2121 Fax (505) 825-2122

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form E-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    | Pool Code              | Pool Name                |
|               | 96603                  | Triste Draw; Bone Spring |
| Property Code | Property Name          | Well Number              |
| 38694         | TRISTE DRAW "36" STATE | 5                        |
| OWNER No.     | Operator Name          | Elevation                |
| 215099        | CIMAREX ENERGY CO.     | 3606'                    |

Surface Location

| UL or Lot No. | Section | Township | Range | Lot No. | Feet from the | North/South Line | Feet from the | East/West Line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C             | 36      | 23 S     | 32 E  |         | 330           | NORTH            | 2110          | WEST           | LEA    |

Bottom Hole Location If Different From Surface

| UL or Lot No.   | Section         | Township           | Range     | Lot No. | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-----------------|-----------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
| N               | 36              | 23 S               | 32 E      |         | 330           | SOUTH            | 2130          | WEST           | LEA    |
| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |         |               |                  |               |                |        |
| 160             |                 |                    |           |         |               |                  |               |                |        |

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><b>SURFACE LOCATION</b><br/>Lat - N 33°16'03.28"<br/>Long - W 103°37'48.10"<br/>NAD83 - E 451788.7<br/>NAD83 - E 736721.1<br/>(NAD-83)</p> <p><b>PROPOSED BOTTOM HOLE LOCATION</b><br/>Lat - N 33°15'17.58"<br/>Long - W 103°37'47.84"<br/>NAD83 - E 451788.8<br/>NAD83 - E 736773.4<br/>(NAD-83)</p> | <p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief, and that this information was obtained from a reliable source or sources and that I am not aware of any material or information that would make this information false or misleading.</p> <p><i>Adela Molina</i> 7/2/12<br/>Signature Date</p> <p>Adela Molina<br/>Printed Name<br/>amolina@cimarex.com<br/>Email Address</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><i>[Signature]</i><br/>Signature<br/>Professional Surveyor<br/>No. 20164<br/>Certificate No. Gary L. Jones 7977<br/>HARRIS SURVEYING</p>                                                                                     |

## Permit Comments

**Operator:** CIMAREX ENERGY CO. , 215099

**Well:** TRISTE DRAW 36 STATE #005H

**API:** 30-025-40667

| Created By | Comment                                           | Comment Date |
|------------|---------------------------------------------------|--------------|
| pkautz     | Land s/S                                          | 7/3/2012     |
| pkautz     | Surface location & BH LOC same for wells 3 and 5  | 7/3/2012     |
| CHERRERA   | OCD RECEIVED FORM C144 CLEZ. OCD PERMIT #P1-04876 | 7/3/2012     |

# Permit Conditions of Approval

**Operator:** CIMAREX ENERGY CO. , 215099

**Well:** TRISTE DRAW 36 STATE #005H

**API:** 30-025-40667

| OCD<br>Reviewer | Condition                                                                                                                                                                                                                                                            |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| pkautz          | 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 |