

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD- Artesia  
FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

|   |   |  |
|---|---|--|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other                  |   | 5. Lease Serial No.<br>NMLC061622                  |
| 2. Name of Operator<br>CIMAREX ENERGY CO OF COLORADO<br>Contact: NATALIE E KRUEGER<br>Email: nkrueger@cimarex.com                                 |   | 6. If Indian, Allottee or Tribe Name               |
| 3a. Address<br>600 E MARIENFELD STREET SUITE 600<br>MIDLAND, TX 79701   | 3b. Phone No. (include area code)<br>Ph: 432-620-1936<br>Fx: 432-620-1940 | 7. If Unit or CA/Agreement, Name and/or No.        |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 1 T16S R29E SWSW 330FSL 330FWL<br>32.944362 N Lat, 104.035735 W Lon |   | 8. Well Name and No.<br>COUNTY LINE 1 FEDERAL 2    |
|   |   | 9. API Well No.<br>30-015-37055-00-S1              |
|   |   | 10. Field and Pool, or Exploratory<br>GRAYBURG     |
|   |   | 11. County or Parish, and State<br>EDDY COUNTY, NM |

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                     |
|---|--|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize                   |
| <input checked="" type="checkbox"/> Subsequent Report | <input checked="" type="checkbox"/> Deepen         |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Alter Casing              |
|   | <input type="checkbox"/> Fracture Treat            |
|   | <input type="checkbox"/> Casing Repair             |
|   | <input type="checkbox"/> New Construction          |
|   | <input type="checkbox"/> Change Plans              |
|   | <input type="checkbox"/> Plug and Abandon          |
|   | <input type="checkbox"/> Convert to Injection      |
|   | <input type="checkbox"/> Plug Back                 |
|   | <input type="checkbox"/> Production (Start/Resume) |
|   | <input type="checkbox"/> Reclamation               |
|   | <input type="checkbox"/> Recomplete                |
|   | <input type="checkbox"/> Temporarily Abandon       |
|   | <input type="checkbox"/> Water Disposal            |
|   | <input type="checkbox"/> Water Shut-Off            |
|   | <input type="checkbox"/> Well Integrity            |
|   | <input type="checkbox"/> Other                     |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

01-10-11 POOH with rods and pump. Set RBP @ 248 and tested to 500.  
01-11-11 Performed MIT. Went in hole with tubing and CICR ro 2519. Established injection rate with reverse unit of 3 bpm @ 200 psi into Grayburg perfs @ 2569-2593.  
01-12-11 Squeezed with 150 sx C, reversed 2 bbls to surface.  
01-14-11 Drilled to 2600 and tested squeezed perfs to 580 for 30 min, no bleed off. Began drilling 4.75 inch deepening hole.  
01-19-11 Reached TD @ 3500.  
01-20-11 Ran 26 jts 4 inch 10.7# UFJ J55 liner from TOL @ 2295-3500. Cemented with 50 sx Versacem, no returns.  
01-21-11 Tested liner to 2000#. Bled off to 1500# in 5 minutes.  
01-22-11 Set RBP @ 2380 with 100# sand, tested to 100. Pumped 50 sx C, TOC in casing 2267.

Accepted for record - NMOC



|  |                  |
|--|------------------|
| 14. Thereby certify that the foregoing is true and correct.<br><b>Electronic Submission #106930 verified by the BLM Well Information System<br/>For CIMAREX ENERGY CO OF COLORADO, sent to the Carlsbad<br/>Committed to AFMSS for processing by KURT SIMMONS on 04/25/2011 (11DHW0031S)</b> |                  |
| Name (Printed/Typed) NATALIE E KRUEGER   | Title REGULATORY |
| Signature (Electronic Submission)  | Date 04/22/2011  |

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

|   |                                      |                 |
|---|--------------------------------------|-----------------|
| Approved By <b>ACCEPTED</b>   | JAMES A AMOS<br>Title SUPERVISOR EPS | Date 05/14/2011 |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. |                                      | Office Carlsbad |

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.