

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT.III 22 2009
OCD-ARTESIAFORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996**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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 5. Lease Serial No. NM-0556811 |
| 2. Name of Operator Cimarex Energy Co. of Colorado | | 6. If Indian, Allottee or Tribe Name |
| 3a. Address 5215 N. O'Connor Blvd., Ste. 1500; Irving, TX 75039 | 3b. Phone No. (include area code) 972-401-3111 | 7. If Unit or CA/Agreement, Name and/or No. |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL 2310 FNL & 660 FEL 23-16S-29E BHL 2310 FNL & 330 FWL | | 8. Well Name and No. High Lonesome 23 Federal No. 1 |
| | | 9. API Well No. 30-015-35934 |
| | | 10. Field and Pool, or Exploratory Area County Line Tank; Abo |
| | | 11. County or Parish, State 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 type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, included estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat 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 recompleat 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)

05.30.09 Rigged up HOWCO. Tested lines to 2K. Pumped **Plug #1** - 100 sx Class C Neat (wt 14.8, yld 1.33) from 7545-7300.' Tagged @ 7214.' Pumped **Plug #2** - 100 sx Class C Neat (wt 14.8, yld 1.33) from 6145-5985.'

05.31.09 Tagged Plug #2 @ 5914.' Pumped **Plug #3** - 100 sx Class C Neat + 2% CaCl₂ (wt 14.8, yld 1.35) from 4110-3970.' Tagged @ 3906.' Pumped **Plug #4** - 75 sx Class C Neat + 2% CaCl₂ (wt 14.8, yld 1.35) from 2740-2610.' Tagged @ 2550.' Pumped **Plug #5** - 75 sx Class C Neat + 2% CaCl₂ (wt 14.8, yld 1.35) from 990-880.' Tagged @ 854.' Pumped **Plug #6** - 90 sx Class C Neat + 2% CaCl₂ (wt 14.8, yld 1.35) from 510-300.'

06.01.09 Tagged Plug #6 @ 309.' Pumped **Plug #7** - 90 sx Class C Neat + 2% CaCl₂ (wt 14.8, yld 1.35) from 60-0.' Circulated to surface. Cut off the 9 5/8" 5M wellhead. Installed dry-hole marker. Released rig.

Plugging witnessed by Bob Hoskinson of the BLM.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Natalie Krueger

Signature

Title

Regulatory Analyst

Date

July 10, 2009

ACCEPTED FOR RECORD**JUL 16 2009***Chris Walls***THIS SPACE FOR FEDERAL OR STATE OFFICE USE****BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

Approved by

Title

Date

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

Title 18 U.S.C. Section 1001, makes 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.

(Instructions on reverse)



API Well Number Banner

Report Description

This report shows a Well's API Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



30015359340000

30 15 35934

HIGH LONESOME 23 FEDERAL No.001

CIMAREX ENERGY CO. OF COLORADO