

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.*

5. Lease Serial No.  
NMNMO1085

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
IRWIN 23-14 FEDERAL 3

9. API Well No.  
30-015-39893-00-X1

10. Field and Pool, or Exploratory  
HACKBERRY

11. County or Parish, and State  
EDDY COUNTY, NM

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator **CIMAREX ENERGY COMPANY OF CO** Contact: **TERRI STATHEM**  
E-Mail: **tstathem@cimarex.com**

3a. Address  
**600 NORTH MARIENFELD STREET SUITE 600  
MIDLAND, TX 79701**

3b. Phone No. (include area code)  
**Ph: 432-620-1936**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Sec 23 T19S R30E NENE Lot A 1300FNL 755FEL**

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

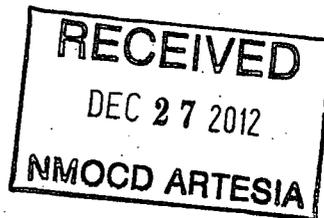
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/>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

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 recompletable 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 recompletable 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.)

Cimarex respectfully request approval to change the production casing & cement plans as indicated below for the Irwin 23-14 Federal #3H:

5-1/2" 17 lb/ft LTC P-110 Surface to 8000'  
4-1/2" 11.6 lb/ft BTC P-110 8000' to 14820'

Lead: 700 sx EconoCem - H, 11.9 ppg, 2.45 cuft/sk, 14.01 gps  
Tail: 1650 sx VersaCem - H, 14.5 ppg, 1.22 cuft/sk, 5.38 gps



14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #168468 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad  
Committed to AFMSS for processing by CHRISTOPHER WALLS on 12/21/2012 (13CRW0078SE)**

Name (Printed/Typed) **TERRI STATHEM** Title **REGULATORY ANALYST**

Signature (Electronic Submission) Date **12/21/2012**

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

Approved By: **CHRISTOPHER WALLS** Title: **PETROLEUM ENGINEER** Date: **12/21/2012**

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.