

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.  
NMNM4350

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.  
HACKBERRY 23 FEDERAL 1H

2. Name of Operator

CIMAREX ENERGY COMPANY OF CO  
Contact: TERRI STATHEM  
E-Mail: tstatthem@cimarex.com9. API Well No.  
30-015-41115-00-X1

3a. Address

600 NORTH MARIENFELD STREET SUITE 600  
MIDLAND, TX 79701

3b. Phone No. (include area code)

Ph: 432-620-1936

10. Field and Pool, or Exploratory  
HACKBERRY

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 24 T19S R30E SWNW 1980FNL 180FWL

11. County or Parish, and 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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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, including 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.)

**Drilling:**

2/23/13 Spud well.

2/24/13 TD 20" hole @ 320'. RIH w/ 16" csg, J55, BTC csg &amp; set @ 320'. Mix &amp; pump 495 sx Halcem C, 14.8 ppg, 1.35 yld. Circ 50 bbls cmt to surf.

2/25/13 WOC 12+ hrs. Test csg to 1000# for 30 mins. OK.

2/27/13 TD 14-3/4" hole @ 1772'.

2/28/13 RIH w/ 11-3/4", 42#, H40, STC csg &amp; set @ 1772'. Mix &amp; pump lead: 750 sx Econocem, 12.9 ppg, 1.88 yld; tail w/ 200 sx Halcem C, 14.8 ppg, 1.35 yld. Circ 358 sx to surf. Witnessed by Paul Flowers/BLM. WOC 12+ hrs.

3/01/13 Test csg to 1000# for 30 mins. OK.

3/04/13 TD 11" hole @ 3475'.

3/05/13 RIH w/ 8-5/8", 32#, K55, LTC csg &amp; set @ 3475'. DV tool @ 1690'. Mix &amp; pump 1st stage:

Accepted for record

NMOC D 9/12/2013

**RECEIVED**

SEP 09 2013

**NMOCD ARTESIA**

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

**Electronic Submission #214349 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 07/24/2013 (13KMS6828SE)**

Name (Printed/Typed) TERRI STATHEM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/20/2013

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**Approved By **ACCEPTED**JAMES A AMOS  
Title SUPERVISOR EPS

Date 07/27/2013

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

## Additional data for EC transaction #214349 that would not fit on the form

### 32. Additional remarks, continued

lead: 380 sx Econocem HLC, 12.9 ppg, 1.89 yld; tail w/ 200 sx Halcem C, 14.8 ppg, 1.33 yld. Pump  
2nd stage: lead: 300 sx Econocem HLC, 12.9 ppg, 1.88 yld; tail w/ 100 sx Halcem C, 14.8 ppgs, 1.33  
yld. Circ 128 sx to surf. WOC 12+ hrs.

3/06/13 test csg to 2000# for 30 mins. OK.

3/12/13 TD pilot hole @ 10,000'. RIH w/ whipstock & tailpipe. Bottom of tailpipe @ 9933'. Top  
of whipstock @ 8005'. Mix & pump 540 sx Halcem C, 15.6 ppg, 1.19 yld. WOC RIH tag TOC @ 7990'.

3/15/13 Wash soft cmt @ 7990'-8005'. KO lateral.

4/06/13 TD 7-7/8" prod hole @ 13355'.

4/08/13 RIH w/ 5-1/2", 17#, P110, LTC/BTC csg & set @ 13355'. Mix & pump 620 sx Econocem H, 11.9  
ppg, 2.46 yld; tial w/ 1350 sx VErSacem H, 14.5 ppg, 1.23 yld. WOC.

4/9/13 Release Rig.

Completion:

4/19/13 RIH tag Toc @ 310'. PBTD @ 13352'. Test csg to 8500# for 30 mins. OK.

4/20/13 to 4/30/13 Perf Bones Spring @ 8748-13327, 320 holes, .42. Frac w/ 1776902 gals total  
fluid; 2759003# sand.

4/30/13 Mill out plugs and CO to PBTD @ 13352'. Flowback.

5/06/13 RIH w/ 2-7/8" and ESP pump & set @ 7914'. Turn well to production.

## Revisions to Operator-Submitted EC Data for Sundry Notice #214349

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	DRG SR	DRG SR
Lease:	NMNM4350	NMNM4350
Agreement:		
Operator:	CIMAREX ENERGY COMPANY 202 S. CHEYENNE AVE, STE 1000 TULSA, OK 74103 Ph: 918-295-1763	CIMAREX ENERGY COMPANY OF CO 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701 Ph: 432.571.7800
Admin Contact:	TERRI STATHEM COORDINATOR REGULATORY COMPLIA E-Mail: tstathem@cimarex.com  Ph: 918-295-1763	TERRI STATHEM REGULATORY ANALYST E-Mail: tstathem@cimarex.com  Ph: 432-620-1936
Tech Contact:	TERRI STATHEM COORDINATOR REGULATORY COMPLIA E-Mail: tstathem@cimarex.com  Ph: 918-295-1763	TERRI STATHEM REGULATORY ANALYST E-Mail: tstathem@cimarex.com  Ph: 432-620-1936
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	HACKBERRY BONE SPRING NW	HACKBERRY
Well/Facility:	HACKBERRY 23 FEDERAL 1H Sec 24 T19S R30E SWNW 1980FNL 180FWL	HACKBERRY 23 FEDERAL 1H Sec 24 T19S R30E SWNW 1980FNL 180FWL