

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM4350
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: TERRI STATHEM E-Mail: tstathem@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-620-1936	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 24 T19S R30E SWNW 1980FNL 180FWL		8. Well Name and No. HACKBERRY 23 FEDERAL 1H
		9. API Well No. 30-015-41115-00-X1
		10. Field and Pool, or Exploratory HACKBERRY
		11. County or Parish, and State EDDY COUNTY, NM

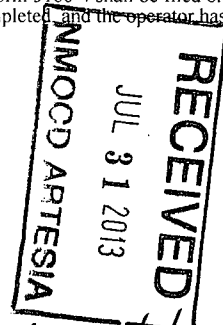
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 recomple 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 recomple 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 & set @ 320'. Mix & 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 & set @ 1772'. Mix & 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 & set @ 3475'. DV tool @ 1690'. Mix & pump 1st stage:



8/1/2013
Accepted for record

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.