

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. NMNM01085
2. Name of Operator CIMAREX ENERGY COMPANY OF CO		6. If Indian, Allottee or Tribe Name
Contact: TERRI STATHEM E-Mail: tstatthem@cimarex.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-620-1936	8. Well Name and No. IRWIN 23-14 FEDERAL 3
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T19S R30E NENE Lot A 1300FNL 755FEL		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

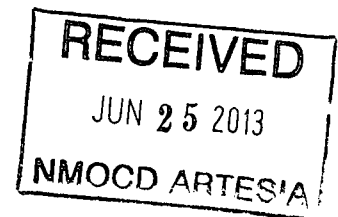
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 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.)

Drilling

12/03/12 Spud well. TD 20" hole @ 325'.
12/04/12 RIH w/ 16", J55, 84#, BTC csg & set @ 325'. Mix & pump 495 sx HalCem C, 14.8 ppg, 1.35 yld. Circ 16 bbls cmt to surf. WOC 8+ hrs. Test csg to 1000# for 30 mins. Ok.
12/07/12 TD 14-3/4" hole @ 1770'. RIH w/ 11-3/4", 42#, H40 STC csg.
12/08/12 Set 11-3/4" csg @ 1770'. Mix & pump lead: 790 sx ExtendaCem CZ, 13.5 ppg, 1.73 yld, tail w/ 190 sx Halcem C, 14.8 ppg, 1.33 yld. Circ 50 bbls cmt to surf. WOC 24+ hrs.
12/10/12 Test csg to 1500# for 30 mins. Ok.
12/11/12 TD 11" hole @ 3600'.
12/12/12 RIH w/ 8-5/8", 32#, K55 LTC csg & set @ 3600'. Mix & pump 1st stage lead: 385 sx EconoCem 12.9 ppg; tail w/ 200 sx Halcem C, 14.8 ppg. WOC 4 hrs. 20 bbls cmt to suf. DV tool @ 1880'. Mix & pump 2nd stage lead: 285 sx EconoCem, 12.9 ppgs; tail w/ 50 sx Halcem C, 14.8 ppg.



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

Electronic Submission #209143 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad
Committed to AFMSS for processing by JOHNNY DICKERSON on 06/05/2013 (13JLD0922SE)

Name (Printed/Typed) TERRI STATHEM	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 05/31/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JAMES A AMOS Title SUPERVISOR EPS	Date 06/22/2013
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 #209143 that would not fit on the form

32. Additional remarks, continued

Circ 7 bbls to surface. WOC 24+ hrs.

12/14/12 Test csg to 1500# for 30 mins. Ok.

01/03/13 TD 7-7/8" hole @ 14785'.

01/05/13 RIH w/ 5-1/2", 17#, P110, LTC csg & set @ 14784'.

01/06/13 Mix & pump lead: 700 sx Econo Cem H, 11.9 ppg, 2.45 yld, tail w/ 1650 sx Versa Cem H, 14.5 ppg, 1.23 yld. WOC. Release rig.

Completion:

01/16/13 MIRU. Test csg to 8500# for 30 mins. OK.

01/22/13 to

01/26/13 Perf Bone Spring @ 9380-14732', 350 holes, .42 and frac w/ 2240406 gals total fluid; 3345116# sand.

01/26/13 MIRU. Mill out plugs. Wash to PBTD @ 14720'.

01/27/13 Flowback well.

01/31/13 RIH w/ 2-7/8" tbg & ESP & set @ 7854'. Turn well to production.