

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		8. Well Name and No. HACKBERRY 23 FEDERAL 3H
2. Name of Operator CIMAREX ENERGY COMPANY Contact: CRISTEN BURDELL E-Mail: cburdell@cimarex.com		9. API Well No. 30-015-42078
3a. Address 202 S. CHEYENNE AVE STE 1000 TULSA, OK 74103	3b. Phone No. (include area code) Ph: 918-560-7038	10. Field and Pool, or Exploratory WILDCAT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 24 T19S R30E NWSW 2130FSL 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 checked="" 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	
	<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 recompleting 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 recompletion 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.)

11-04-14 Spud well.

11-07-14 TD 26 hole @ 342. RIH w/ 20, 94#, J55, BTC csg & set @ 342. Mix & pump lead: 985 sx Class C, 14.8 ppg, 1.36 yld. Circ 60 bbls to surface. WOC 12 hrs.

11-09-14 Test csg to 1500 psi for 30 mins. OK.

11-11-14 TD 17-1/2 hole @ 1915.

11-12-14 RIH w/ 13-3/8, 54.5#, J55, BTC csg & set @ 1915. ACP @ 363, DV Tool @ 350. Mix & pump 1st stage: lead: 1220 sx Class C, 13.7 ppg, 1.62 yld; tail w/ 320 sx Class C, 15.0 ppg, 1.29 yld.

Open DV Tool. Mix & pump 2nd stage: lead: 400 sx Class C, 13.7 ppg, 1.62 yld. No returns. WOC

8 hrs. Run temp survey TOC @ 168?. Contact BLM for instruction.

11-13-14 RIH w/ 1?, mix & pump 161 sx Class C, 14.8 ppg, WOC 4 hrs. RIH w/ 1?, pump 250 sx Class C, 14.8 ppg. WOC 4 hrs. RIH w/ 1?, pump 250 sx Class C, 14.8 ppg, WOC 4 hrs. RIH w/ 1?, pump 250 sx Class C, WOC 2 hrs. RIH w/ 1?, pump 250 sx Class C, 14.8 ppg. WOC 3 hrs. RIH w/ 1? tagged @

Accepted for record
NM OCD**NM OIL CONSERVATION**
ARTESIA DISTRICT

AUG 10 2015

RECEIVED

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

**Electronic Submission #289511 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 06/15/2015**

Name (Printed/Typed) CRISTEN BURDELL

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/27/2015

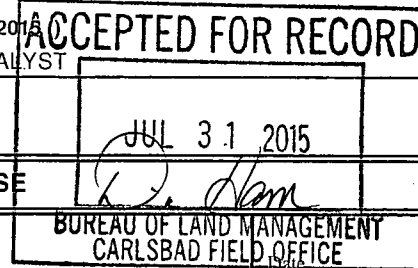
THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

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 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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #289511 that would not fit on the form

32. Additional remarks, continued

207.

11-14-14 RIH w/ 1? pump 142 sx Class C, 14.8 ppg, 1.62 yld. Circ 61 sx to surf. Total 1? cmt: 1303 sx. WOC 12 hrs.

11-15-14 Test csg to 1500 psi for 30 mins. OK

11-17-14 TD 12-1/4 hole @ 3604.

11-18-14 RIH w/ 9-5/8, 36#, J55, LTC csg & set @ 3604. ACP @ 2046, DV Tool @ 2022. Mix & pump 1st stage: Lead: 415 sx Class C, 12.9 ppg, 1.9 yld; tail w/ 250 sx Class C, 15.0 ppg, 1.29 yld.

Open DV Tool.

11-19-14 Mix & pump 2nd Stage: lead: 490 sx Class C, 12.9 ppg, 1.89 yld; tail w/ 52 sx Class C, 14.9 ppg, 1.29 yld. Circ 36 bbls to surf. WOC 12 hrs.

11-20-14 Test csg to 1500# for 30 mins. OK.

11-27-14 TD 8-3/4 hole @ 9010. Landed curve. TOOH w/ curve assembly.

11-28-14 RIH w/ 7?, 26#, P110 BTC/LTC csg & set @ 9010. Mix & pump lead: 585 sx Class C, 11.0 ppg, 2.79 yld; tail w/ 269 sx Class H, 14.5 ppg, 1.33 yld. Circ 85 bbls to surface. WOC 12 hrs.

11-30-14 Test csg to 2500# for 30 mins ok. TIH w/ 6-1/8 lateral assembly.

12-17-14 TD 6-1/8 hole @ 19317.

12-20-14 RIH w/ 4-1/2, 13.5#, P110, BTC liner & set @ 7978-19317. Mix & pump 980 sx Class H, 14.5 ppg, 1.2 yld. TOC @ TOL ? 7978.

12-23-14 Release rig.