

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**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 page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM26394
2. Name of Operator CIMAREX ENERGY COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address 600 N. MARIENFELD SUITE 600 MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-620-1936		8. Well Name and No. CASCADE 28 FEDERAL 86H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 28 T25S R33E NWNE 390FNL 1380FEL 32.107723 N Lat, 103.573242 W Lon		9. API Well No. 30-025-46314-00-X1
		10. Field and Pool or Exploratory Area RED HILLS
		11. County or Parish, State LEA COUNTY, NM

**12. CHECK THE 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Hydraulic Fracturing
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recombine
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other 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 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

10/15/19 spud well. TD 14-3/4" hole @ 1020'. RIH w/ 10-3/4", 45.5#, J55, BTC csg & set @ 1020'. Mix & pump lead: 555 sx Class C, 13.7 ppg, 1.65 yld; tail w/ 320 sx Class C, 14.8 ppg, 1.33 yld. Circ 302 sx to surf. WOC 8 hrs.  
10/16/19 Weld on cap and skid rig.  
10/30/19 Test csg to 1500# for 30 mins. OK.  
11/06/19 TD 9-7/8" hole @ 12020'. TIH w/ 8-3/4" curve assy.  
11/10/19 TD 8-3/4" hole @ 12670'.  
11/11/19 RIH w/ 7-5/8", 29.7, HCL 80 & set @ 12670'.  
11/12/19 Mix & pump lead: 1080 sx Class H, 10.4 ppg, 3.66 yld; tail w/ 250 sx Class H, 14.2 ppg, 1.17 yld. Circ 199 sx to surf. WOC 8 hrs.  
11/13/19 Test csg to 3000# for 30 mins. OK. TIH w/ 6-3/4" lateral assy.  
11/18/19 TD 6-3/4" hole @ 17120'.

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

Electronic Submission #496878 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY, sent to the Hobbs  
Committed to AFMSS for processing by JONATHAN W SHEPARD on 01/07/2020 (20JS0015SE)

Name (Printed/Typed) TERRI STATHEM	Title MANAGER REGULATORY COMPLIANCE
Signature (Electronic Submission)	Date 12/23/2019

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

Approved By <b>ACCEPTED</b>	JONATHAN SHEPARD Title PETROELUM ENGINEER	Date 01/07/2020
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 Hobbs

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.

(Instructions on page 2)

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

**Additional data for EC transaction #496878 that would not fit on the form**

**32. Additional remarks, continued**

11/21/19 RIH w/ 5-1/2" X 5" csg & set @ 17120'.

5-1/2", 23#, P110, BK-HT set @ 0-11957'.

5", 18#, P110, BTC set @ 11957-17120'.

11/22/19 Mix & pump lead: 530 sx Class H, 14.2 ppg, 1.19 yld. No cmt to surf. WOC.

11/23/19 Rig release.

**Revisions to Operator-Submitted EC Data for Sundry Notice #496878**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	DRG SR	DRG SR
Lease:	NMNM26394	NMNM26394
Agreement:		
Operator:	CIMAREX ENERGY COMPANY 600 N. MARIENFELD ST, STE 600 MIDLAND, TX 79701 Ph: 432-620-1936	CIMAREX ENERGY COMPANY 600 N. MARIENFELD SUITE 600 MIDLAND, TX 79701 Ph: 432.620.1938
Admin Contact:	TERRI STATHEM MANAGER REGULATORY COMPLIANCE E-Mail: tstathem@cimarex.com  Ph: 432-620-1936	TERRI STATHEM MANAGER REGULATORY COMPLIANCE E-Mail: tstathem@cimarex.com  Ph: 432-620-1936
Tech Contact:	TERRI STATHEM MANAGER REGULATORY COMPLIANCE E-Mail: tstathem@cimarex.com  Ph: 432-620-1936	TERRI STATHEM MANAGER REGULATORY COMPLIANCE E-Mail: tstathem@cimarex.com  Ph: 432-620-1936
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	BOBCAT DRAW U WOLFCAMP	RED HILLS
Well/Facility:	CASCADE 28 FEDERAL 86H Sec 28 T25S R33E Mer 1PM NWNE 390FNL 1380FEL 32.107722 N Lat, 103.573246 W Lon	CASCADE 28 FEDERAL 86H Sec 28 T25S R33E NWNE 390FNL 1380FEL 32.107723 N Lat, 103.573242 W Lon