

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNMOCD
ArtesiaFORM 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. NNMN130854
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: TERRI STATHEM E-Mail: tstatthem@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 202 S CHEYENNE AVE SUITE 1000 TULSA, OK 74103.4346	3b. Phone No. (include area code) Ph: 432-620-1936	7. If Unit or CA/Agreement, Name and/or No. NNMN137097
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T25S R27E NENE 330FNL 700FEL		8. Well Name and No. COTTONBERRY 20 FEDERAL COM 4H
		9. API Well No. 30-015-43658-00-X1
		10. Field and Pool or Exploratory Area WC015G02S252715A-BONE SPRING
		11. County or Parish, State EDDY 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 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"/> Hydraulic Fracturing	<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 must 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 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.

Drilling

02/01/17 Spud well @ 4:30 am. TD 17-1/2" surface hole @ 435'. RIH w/ 13-3/8", 48#, J55, STC csg & set @ 435'. Mix & pump 580 sx Class C, 14.8 ppg, 1.35 yld. Circ 208 sx to surface. WOC 8 hrs.

02/02/17 Test csg to 1500# for 30 mins. Good test.

02/04/17 TD 12-1/4" hole @ 1990'. RIH w/ 9-5/8", 36#, J55 LTC csg & set @ 1990'. Mix & pump lead: 530 sx Class C, 13.5 ppg, 1.82 yld; tail w/ 200 sx Class C, 14.8 ppg, 1.35 yld. Circ 148 sx to surface. WOC 8 hrs.

02/05/17 Test csg to 1500# for 30 mins. Good test.

02/08/17 TD 8-3/4" vertical hole @ 7019'. TOH & LD BHA.

02/09/17 PU 8-3/4" curve BHA & drill curve.

02/10/17 TOH w/ curve BHA. TIH w/ 8-1/2" lateral assembly & drill lateral.

02/18/17 TD 8-1/2" hole @ 11975'.

NM OIL CONSERVATION
ARTESIA DISTRICT

AUG 09 2017

Accepted for record - NMOCD

RECEIVED

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

Electronic Submission #381400 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 07/16/2017 (17PP0714SE)

Name (Printed/Typed) TERRI STATHEM

Title MANAGER REGULATORY COMPLIANCE

Signature (Electronic Submission)

Date 07/16/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

AUG 1 2017

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #381400 that would not fit on the form

32. Additional remarks, continued

02/19/17 LDDP. RIH w/ 5-1/2", 17#, L80, BTC/LTC csg & set @ 11975'. Mix & pump lead: 880 sx Class H, 11.0 ppg, 2.9 yld; tail w/ 1295 sx Class H, 14.5 ppg, 1.34 yld. Circ 76 sx sur/WOC.
02/20/17 Release rig.

Completion

05/20/17 Test csg to 925# for 30 mins ? ok. Test csg to 7025# for 30 mins. OK.

06/08/17 to

6/09/17 Perf Bone Spring @ 7444-11955' w/ 455 holes, .43. Frac w/ 123695 bbls total fluid and 9247657# sand.

06/10/17 Mill out plugs and CO to PBTD @ 11972'.

06/11/17 Flowback well.

06/13/17 SI well pending tbq installation.

06/17/17 RIH w/ 2-3/8" tbq, pkr & GLV & set @ 7022'. Turn well to production.