

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

Carlsbad Field Office
OCD Artesia

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.

Serial No.
NMNM130854

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.
COTTONBERRY 20 FEDERAL 1H

2. Name of Operator
CIMAREX ENERGY COMPANY

Contact: FATIMA VASQUEZ
E-Mail: fvasquez@cimarex.com

9. API Well No.
30-015-45147-00-X1

3a. Address
600 N MARIENFELD STE 600
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 432.620.1933

10. Field and Pool or Exploratory Area
COTTONWOOD DRAW-BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 20 T25S R27E NWNW 950FNL 609FWL
32.120136 N Lat, 104.218880 W Lon

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 Drilling Operations
	<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 recomplete 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.

Some Drilling & Completion information was inadvertently misfiled on 04/25/2019. Please accept this as the corrected Drilling & Completion Ops Sundry.

GC 7/24/19
Accepted for record - NMOCD

RECEIVED

Drilling Ops:

12/04/2018 Spud well. TD 17-1/2" surface hole at 420'. RIH w/13-3/8" 48# J-55 ST&C csg & set @ 420'. Mixed & pumped 500 sx Class C cmt, 14.8 ppg, 1.346 yield. Circ 154 sx to surface. WOC 8 hrs.
12/05/2018 Test casing to 1500# for 30 min. OK.
12/06/2018 TD 12-1/4" hole @ 1902'.
12/07/2018 RIH w/ 9-5/8" 36# J-55 LT&C csg set @ 1892'. Mixed & pump Lead: 500 sx Class C cmt, 13.7 ppg, 1.66 yld. Tail w/ 250 sx Class C cmt, 14.8 ppg, 1.344 yld. Circ 270 sx to surface. WOC cmt 12 hrs. Tested csg to 2342 for 30 mins. OK.

JUL 23 2019

DISTRICT 7 - ARTESIA O.C.D.

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

**Electronic Submission #468174 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 06/10/2019 (19PP2144SE)**

Name (Printed/Typed) FATIMA VASQUEZ

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 06/07/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____

Title **Accepted for Record**

Date **JUN 18 2019**

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 **Jonathon Shepard
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 #468174 that would not fit on the form

32. Additional remarks, continued

12/12/2018 Landed curve @ 7818'.
12/15/2018 TD 8-3/4" hole @ 12,196'. RIH w/ 5-1/2" 17# L-80 BT&C and set @ 6773'-12,196'. RIH w/ 5-1/2" 17# L-80 LT&C csg set @ 6773'.
12/16/2018 Mixed & pump Lead: 1000 sx Class H cmt, 10.5 ppg, 3.43 yield. Tail w/1150 sx Class H cmt, 14.5 ppg, 1.22 yield. Circ 278 sx to surface. WOC.
12/17/2019 Released rig.

Completion Ops:

01/29/2019 Test csg to 6770# for 30 mins. Ending psi 7072#.

02/22/2019 to

02/28/2019 Perf Bone Spring @ 7567'-12,146', 748 holes, .41". Frac w/181,886 bbls total fluid & 8,796,949# sand.

03/04/2019 DO plugs & CO to PBTD @ 12,193'. SI well.

03/10/2019 RIH w/ 2-7/8" 6.5# L-80 8rd EUE prod tbg & pkr, set @ 6833'.

03/17/2019 Turn well to production.