

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
Artesia

FORM 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.

5. Lease Serial No.
NMNM0560353

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM137157

8. Well Name and No.
CRESCENT HALE 10 FEDERAL COM 4H

9. API Well No.
30-015-43847

10. Field and Pool or Exploratory Area
BONE SPRING

11. County or Parish, State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
CIMAREX ENERGY COMPANY
Contact: TERRI STATHEM
E-Mail: tstatthem@cimarex.com

3a. Address
202 S. CHEYENNE AVE, STE 1000
TULSA, OK 74103

3b. Phone No. (include area code)
Ph: 432-620-1936

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 11 T19S R30E 1257FSL 1974FEL

12. CHECK THE 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"/> 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.

Drilling
02/09/17 MIRU. Spud well.
02/10/17 TD 26" hole @ 436'. RIH w/ 20', 94#, J55, BTC csg & set @ 436'. Mix & pump 890 sx Class C, 14.8 ppg, 1.348 yld. Circ 126 sx to surf. WOC 9+ hours.
02/12/17 Test csg to 1500# for 30 mins. Ok.
02/13/17 TD 17-1/2" hole @ 1897'.
02/14/17 RIH w/ 13-3/8", 54.5#, J55 BTC csg & set @ 1897'. Mix & pump lead: 1345 sx Class C, 13.5 ppg, 1.81 yld, cmt; tail w/ 395 sx Class C, 14.8 ppg, 1.35 yld, cmt. Circ 432 sx to surface. WOC 12+ hours.
02/16/17 Test csg to 1500# for 30 mins. Ok.
02/18/17 TD 12-1/4" hole @ 4077'.
02/19/17 RIH w/ 9-5/8", 40#, L80, LTC csg & set @ 4077'. DV Tool @ 3471'. Mix & pump 1st Stage:

PC 8-10-17
Accepted for record - NMOCD

NM OIL CONSERVATION
ARTESIA DISTRICT

AUG 09 2017

RECEIVED

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #378948 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH MCKINNEY on 06/19/2017 ()

Name (Printed/Typed) TERRI STATHEM Title MANAGER REGULATORY COMPLIANCE

Signature (Electronic Submission) Date 06/14/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved (DAVID R. GLASS) DAVID R. GLASS Title _____ Date _____

Conditions of approval, if any, are stated in the 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 45 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, and fraudulent representations as to any matter within its jurisdiction.

(Instructions on page 2)

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

Additional data for EC transaction #378948 that would not fit on the form

32. Additional remarks, continued

tail w/ 250 sx Class C, 14.8 ppg, 1.33 yld. Open DV tool, circ bottoms up ? received 17 bbls cmt to surface. Mix & pump 2nd Stage: Lead: 1100 sx Class H, 12.9 ppg, 1.91 yld. Circ 137 sx to surface. WOC 8 + hours.

02/20/17 Test csg to 1500# for 30 mins. Ok.

02/23/17 TD 8-3/4" vertical hole @ 8082'. TOH w/ BHA. TIH w/ curve assembly.

03/03/17 TD 8-1/2" hole @ 16904'. Circ and condition hole.

03/05/17 RIH w/ 5-1/2", 20#, P-110 BTC csg & set @ 16904'.

03/07/17 Mix & pump lead: 900 sx Class H, 11.9 ppg, 2.508 yld; tail w/ 2350 sx Class H, 14.5 ppg, 1.241 yld. Circ. 140 bbls cmt to surface. WOC.

03/08/17 Release rig.

Completion

04/05/17 Test to 9700# for 30 mins.

04/05/17 to

04/19/17 Perf Bone Spring @ 8173-16831', .40, 652 holes. Frac w/ 176766 bbls total fluid; 17252440# total proppant.

04/25/17 to

04/27/17 Mill out plugs and CO to PBSD @ 16857'

04/29/17 Flowback well.

05/02/17 RIH w/ 2-7/8" tbg & ESP and set @ 8175'. Turn well to production.