

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.*5. Lease Serial No.
NMNM0560353

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.8. Well Name and No.
CRESCENT HALE 10 FEDERAL 3H9. API Well No.
30-015-40784-00-X110. Field and Pool, or Exploratory
HACKBERRY11. County or Parish, and State
EDDY COUNTY, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
CIMAREX ENERGY COMPANY OF CO

Contact: TERRI STATHEM

E-Mail: tstatthem@cimarex.com

3a. Address
600 NORTH MARIENFELD STREET SUITE 600
MIDLAND, TX 797013b. Phone No. (include area code)
Ph: 432-620-19364. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 11 T19S R30E NESW 2250FSL 2025FWL**12. CHECK 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"/> 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	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 shall 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 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.)

Drilling:

3/18/13 Spud well. TD 20" hole @ 410'. RIH w/ 16", 84#, J55, BTC csg & set @ 410'. Mix & pump 600 sx Halcem C, 14.8 ppg, 1.39 yld. Circ 35 bbls to surf. WOC 26+ hrs.

3/20/13 Test csg to 1000# for 30 mins. OK.

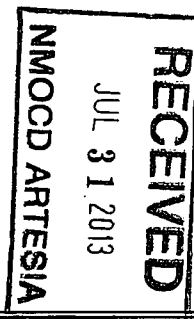
3/21/13 TD 14-3/4" hole @ 1990'.

3/22/13 RIH w/ 11-3/4", 47#, J55, STC csg & set @ 1990'. Mix & pump lead: 880 sx Extendacem, 13.5 ppg, 1.75 yld; tail w/ 220 sx Halcem C, 14.8 ppg, 1.35 yld. Circ 108 bbls to surf. WOC 24+ hrs.

3/26/13 TD 10-5/8" hole @ 4208'.

3/27/13 RIH w/ 8-5/8", 32#, J55, LTC csg & set @ 4208'. DV tool @ 3499'. Mix & pump 1st stage: 240 sx Halcem C, 14.8 ppg, 1.33 yld. Circ 84 sx cmt to surf. Mix & pump 2nd Sage: lead: 880 sx Econocem, 12.9 ppg, 1.9 yld; tail w 50 sx Halcem C, 14.8 ppg, 1.33 yld. Circ 384 sx to surface.

3/29/13 Test csg to 1500# for 30 mins. OK.



Accepted for record
8/1/13

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

Electronic Submission #214352 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 07/24/2013 (13KMS6831SE)

Name (Printed/Typed) TERRI STATHEM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/20/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USEApproved By **ACCEPTED**JAMES A AMOS
Title SUPERVISOR EPS

Date 07/27/2013

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 Carlsbad

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.

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

Additional data for EC transaction #214352 that would not fit on the form

32. Additional remarks, continued

4/04/13 TD 7-7/8" hole @ 15329'.

4/11/13 RIH w/ 4-1/2", 11.6#, P110, BTC csg & set @ 7656-15329' & Xover @ 7654-7656' and 5-1/2", 17#, P110, LTC csg and set @ 0 - 7954'. Mix & pump lead 600 sx Econocem H, 11.9 ppg, 2.46 yld, tail w/ 1882 sx VEsacem H, 14.5 yld, 1.23 yld. Circ 5 bbls to surf. WOC.

4/13/13 Release rig.

Completion:

4/24/13 CBL - TOC @ 2214'. PBTD @ 15523'. test csg to 8500# for 30 mins. Ok.

5/13/13 to 5/31/13 Perf Bone Spring @ 9390-15240', 520 holes, .42. Frac w/ 2083800 gals total fluid, 3478822# sand.

6/1/13 to 6/6/13 Mill out plugs and flowback.

6/11/13 RIH w/ 2-7/8" bg & pump & set @ 7643'. Turn well to production.