

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8 Well Name and No
CRESCENT HALE 12 FEDERAL 2

2 Name of Operator

Contact TERRI STATHEM

CIMAREX ENERGY COMPANY OF CO-Mail tstatthem@cimarex.com

9 API Well No
30-015-40054-00-X1

3a Address

600 NORTH MARIENFELD STREET SUITE 600
MIDLAND, TX 79701

3b Phone No (include area code)

Ph 432-620-1936

10 Field and Pool, or Exploratory
BENSON

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

Sec 12 T19S R30E NENW 525FNL 1535FWL

11 County or Parish, and State

EDDY COUNTY, NM

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 recompleat 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 recompleat 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

04/06/12 Spud well

04/07/12 TD 17-1/2" hole @ 478'

04/08/12 RIH w/ 13-3/8", 48#, H40 csg & set @ 478' Mix & pump lead 175 sx Prem Plus Cmt, tail

w/ 200 sx Prem Plus Circ 45 sx WOC 8 hrs

04/09/12 Test csg to 1300 psi for 30 mins ok.

04/15/12 TD 12-1/4" hole @ 4022'. RIH w/ 9-5/8", J55, 40#, LTC csg & set @ 4022' DV tool @

1779' Mix & pump lead 650 sx Class C, tail w/ 235 sx Class C

04/16/12 Open DV tool Mix & pump 600 sx Econocem. WOC RIH w/1" @ 1326'

04/17/12

to 4/18/12 Mix & pump 375 sx Prem Plus top job Circ 2 bbls WOC 21 hrs

04/20/12 Test csg to 2800 psi for 30 mins ok

RECEIVED

AUG 02 2012

NMOCD ARTESIA

14 I hereby certify that the foregoing is true and correct

**Electronic Submission #140496 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 06/18/2012 (12KMS1656SE)**

Name (Printed/Typed) TERRI STATHEM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 06/13/2012

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

Date 07/01/2012

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 #140496 that would not fit on the form

32. Additional remarks, continued

04/25/12 TD 7-7/8" hole @ 8900' Run logs
04/26/12 Pump KO plug @ 8895' 390 Sx Class C WOC 8 hrs TOC @ 7764'
04/28/12 TIH to 7764' Drill cmt to KOP @ 8205'
05/07/12 TD 7-7/8" lateral hole @ 12899'
05/11/12 RIH w/ 5-1/2", P110, 17#, LTC csg & set @ 12880'
05/12/12 Mix & pump 740 sx EconoCem D, pump 1260 sx VersaCem D. Circ 229 sx
05/13/12 Press test to 5000 psi for 30 mins OK Release rig @ 19 00.
Completion
05/18/12 TIH & tag cmt @ 12823' Pressure tested csg to 5000 psi for 30 mins Ok Drill cmt to
PBTD @ 12846'
05/20/12 CBL - TOC @ 540'
05/21/12 RIH & perf Bone Spring @ 10192-12846' Frac w/ 920236 bbls total fluid, 1400226# sd
05/22/12 Perf Bone Spring @ 8250-10054' Frac w/ 938969 bbls total fluid, 1498522# sd
06/01/12 Mill out CBPs CO to PBTD
06/07/12 RIH w/ 2-7/8" ESP & tbg & set @ 8227'. Turn well to prod