

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8 Well Name and No. CRESCENT HALE 12 FEDERAL 1
2 Name of Operator Contact: TERRI STATHEM CIMAREX ENERGY COMPANY OF CO-Email: tstatthem@cimarex.com		9 API Well No. 30-015-39025-00-X1
3a. Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701	3b Phone No. (include area code) Ph: 432.571.7800	10 Field and Pool, or Exploratory BENSON
4 Location of Well (<i>Footage, Sec., T., R., M., or Survey Description</i>) Sec 12 T19S R30E NWNW Lot D 485FNL 530FWL		11 County or Parish, and State EDDY COUNTY, NM

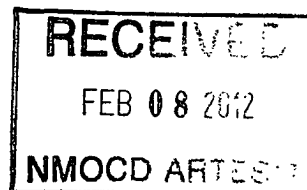
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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:

10/6/11 Spud well @ 15:00. TD 17-1/2" hole @ 500'.
10/7/11 RIH w/ 13-3/8", 54.5#, J55 STC csg & set @ 500'. Cmt w/ Lead: 255 sx Class C Extendacem;
Tail w/ 185 sx Class C Halcem. Circ to surf. WOC 12 + hrs. Tested to 1300 psi for 30 mins - ok.
10/15/11 TD 12-1/4" hole @ 4090'. RIH w/ 9-5/8", 40#, N80, LTC csg & set @ 4090'.
10/16/11 Cmt w/ Lead: 1600 sx Econocem; Tail w/ 200 sx Halcem C. WOC. Ran temp survey.
10/17/11 TOC @ 1760' RIH w/ 1" and top off cmt w/ mix & pump 150 sx 3% CaCl, WOC. Mix & pump 50
sx 3% CaCl cmt. WOC. Mix & pump 50 sx 3% CaCl cmt. WOC. Mix & pump 50 sx 3% CaCl cmt. WOC. Mix
& pump 50 sx 3% CaCl cmt. WOC. Mix & pump 50 sx 3% CaCl cmt. WOC. Mix & pump 50 sx 3% CaCl cmt.
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CaCl cmt. WOC. Mix & pump 50 sx 3% CaCl cmt. Circ 6 bbls to surf. WOC. Tested to 1400 psi for
30 mins - Ok.



Accepted for record
NMOCB

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

Electronic Submission #130023 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad
Committed to AFMSS for processing by JAMES (JIM) HUGHES on 02/03/2012 (12JLH0406SE)

Name (Printed/Typed) TERRI STATHEM

Title **AUTHORIZED REPRESENTATIVE**

Signature (Electronic Submission)

Date 02/03/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	ACCEPTED	JAMES A AMOS Title SUPERVISOR EPS	Date 02/05/2012
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 #130023 that would not fit on the form

32. Additional remarks, continued

11/1/11 TD 7-7/8" hole @ 12962'. Circ clean.
11/2/11 RIH w/ 5-1/2", 17#, P110 & set @ 12962'.
11/3/11 Mix & pump 1000 Econocem H. Mix & pump 920 sx Versa Chem H. Circ 183 sx. Test to 500 psi - ok.
11/4/11 Release Rig.

COMPLETION:

11/28/11 RIH & perf Bone Spring @ 12429-12836' 40 holes. Frac w/ 244643 gals total fluid; 334819# sand. RIH & set CBP @ 12363'. Perf @ 11889-12296' 40 holes.
11/29/11 Frac w/ 225320 gals total fluid; 333763# sand. RIH w/ CBP & set 11823'. Perf @ 11349-11756' 40 holes. Frac w/ 219039 gals total fluid; 339267# sand; RIH w/ CBP & set @ 11283'. Perf @ 10809-11216' 40 holes. Frac w/ 230831 gals total fluid; 360119# sand. RIH w/ CBP & set @ 10743'. Perf @ 10269-10676' 40 holes. Frac w/ 213488 gals total fluid; 325161# sand. RIH w/ CBP @ 10203'. Perf @ 9729-10136' 40 holes. Frac w/ 209912 gals total fluid; 331844# sand. RIH w/ CBP & set @ 9663'. Perf @ 9189-9596'. TOOH.
11/30/11 Frac w/ 208717 gals total fluid; 331308# sand. RIH w/ CBP & set 9123'. Perf @ 8649-9056'. Frac w/ 206281 gals total fluid; 331308# sand.
12/1/11 MIRU DO CBPs.
12/2/11 DO CBPs. CO.
12/7/11 RIH w/ production equip. 2-7/8" tbg set @ 7964'. Turn well to prod.