

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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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. HALLERTAU 4 FEDERAL 2H
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: CRISTEN BURDELL Email: cburdell@cimarex.com	9. API Well No. 30-025-41119-00-S1
3a. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701	3b. Phone No. (including Area Code) Ph: 918-560-7038
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 4 T26N R32E NENW 330FNL 1650FWL	11. County or Parish, and State LEA COUNTY, NM

FEB 13 2015

RECEIVED

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Recombine
	<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 recomple 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 recomple 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:

- 06-13-14 Spud well.
- 06-14-14 TD 17-1/2 hole @ 1215.
- 06-15-14 RIH w/ 13-3/8, 48#, J55, STC csg & set @ 1215. Mix & pump Lead: 765 sx Class C, 13.5 ppg, 1.72 yld; tail w/ 250 sx Class C, 14.8 ppg, 1.347 yld. Circ 385 sx to surf. WOC 8 hours.
- 06-16-14 Test csg to 1500# for 30 mins. OK.
- 06-17-14 TD 12-1/4 hole @ 4507.
- 06-18-14 RIH w/ 9-5/8, 40#, J55, LTC csg & set @ 4507?. Mix & pump lead: 1050 sx Class C, 12.9 ppg, 1.866 yld; tail w/ 270 sx Class C, 14.8 ppg, 1.347 yld. Circ 316 sx to surface. WOC 12 hours.
- 06-20-14 Test csg to 1500# for 30 mins. OK.
- 06-27-14 TD 8-3/4 hole @ 9101. TOOH w/ curve assembly. TIH w/ 8-1/2 lateral assembly drilling

14. I hereby certify that the foregoing is true and correct.		<p>ACCEPTED FOR RECORD</p> <p>FEB 12 2015</p> <p><i>[Signature]</i></p> <p>BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE</p>
<p>Electronic Submission #287848 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs Committed to AFMSS for processing by LINDA JIMENEZ on 01/23/2015 (15LJ0569SE)</p>		
Name (Printed/Typed) CRISTEN BURDELL	Title REGULATORY	
Signature (Electronic Submission)	Date 01/13/2015	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved By _____	Title _____	
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 _____	

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 ****

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Additional data for EC transaction #287848 that would not fit on the form

32. Additional remarks, continued

lateral.

07-03-14 TD 8-1/2 hole @ 13794. LDDP

~~07-05-14 RIH w/ 5-1/2 20# 180 LTC/BTC csg & set @ 13794.~~

07-06-14 Mix & pump lead: 690 sx, Class H, 10.8 ppg, 2.783 yld; tail w/ 1460 Class H, 14.5 ppg, 1.233 yld. Est. TOC @ 3744?. WOC.

07-07-14 Release rig.

Completion:

07-25-14 Test 9-5/8 csg to 1500# for 30 mins. BLM to witness press test.

07-26-14 Test 9-5/8 csg to 1500# for 30 mins. Test 5-1/2 csg to 1500# for 30 mins. OK. BLM on location.

09-05-14 TOC @ 4650?. BLM approved TOC & proceed with completion.

10-01-14 Test csg to 7500# for 30 mins. OK. WO frac.

10-31-14 to

11-03-14 Perf Bone Spring @ 9730-13765, .54, 552 holes. Frac w/ 6669794 gals fluid; 6569017# sand.

11-05-14 to

11-07-14 Mill out plugs and CO to PBTD @ 13781. Flow back well.

11-11-14 SWI pending offset frac.

11-16-14 RIH w/ 2-3/8 tbg, pkr & gas lift valves & set @ 8663. GLV @ 1741, 2846, 3595, 4311, 4963, 5615, 6266, 6917, 7568, 8122, 8612. Turn well to prod.