

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.

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 6H
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: CRISTEN BURDELL E-Mail: cburdell@cimarex.com		9. API Well No. 30-025-41628-00-X1
3a. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 918-560-7038	10. Field and Pool, or Exploratory JENNINGS
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 4 T26S R32E NENW 330FNL 2260FWL		11. County or Parish, and State LEA 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

08-06-14 spud well
08-07-14 TD 17-1/2 surface hole @ 1216. RIH w/ 13-3/8, 48#, J55, STC csg & set @ 1216. Mix & pump 765 sx ExtendaCem C, 13.5 ppg, 1.72 yld; tail w/ 250 sx Halcem C, 14.8 ppg, 1.35 yld. Circ 180 sx to surface. WOC 8+ hrs.
08-08-14 Test csg to 1500# for 30 mins. OK.
08-11-14 TD 12-1/4 hole @ 4504.
08-12-14 RIH w/ 9-5/8, 40#, J55, LTC csg & set @ 4504. Mix & pump 1050 Econocem C, 12.9 ppg, 1.889 yld; tail w/ 270 sx Halcem C, 14.8 ppg, 1.328 yld. Circ 241 sx to surface. WOC 9+ hrs.
08-13-14 Test csg to 1500# for 30 mins. OK.
08-20-14 TD 8-3/4 hole @ EOC @ 9758. TOOH w/ curve assembly.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #287601 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 01/21/2015 (14JAM0061SE)		ACCEPTED FOR RECORD	
Name (Printed/Typed) CRISTEN BURDELL	Title REGULATORY		
Signature (Electronic Submission)	Date 01/12/2015	FEB 12 2015	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved By _____		BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE	
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.		Title _____ 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 ****

FEB 18 2015

TM

Additional data for EC transaction #287601 that would not fit on the form

32. Additional remarks, continued

08-21-14 RIH w/ 8-1/2 lateral assembly. Drill lateral.

08-23-14 TD 8-1/2 hole @ 13739.

08-25-14 RIH w/ 5-1/2, 20#, L80, BTC/LTC csg & set @ 13739?

08-26-14 Mix & pump lead: 710 sx Tuned Lite H, 10.8 ppg, 2.79 yld; tail w/ 1360 sx Versacem H, 14.5 ppg, 1.23 yld. Release rig.

Completion

09-07-14 Test csg to 7500# for 30 mins. OK. PBTD @ 13739. RCBL TOC @ 3958.

10-23-14 to

10-28-14 Perf Bone Spring @ 9730-13649, .54, 874 holes. Frac w/ 7344643 gals fluid, 8778224# sand. SWI.

11-07-14 to

11-08-14 Mill out plugs & CO to PBTD. Flowback well.

11-12-14 RIH w/ 2-3/8 tbg, pkr, and gas lift valves. GLV @ 1763, 2872, 3623, 4308, 5026, 5679, 6332, 6986, 7606, 8259, 8877. Turn well to production.