

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.**

NMOCD

Copy  
5. Lease Serial No.  
NWNM127894**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		7. If Unit or CA/Agreement, Name and/or No.
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: CRISTEN BURDELL E-Mail: cburdell@cimarex.com		8. Well Name and No. DIAMONDTAIL 23 FEDERAL 2H
3a. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 918-560-7038	9. API Well No. 30-025-40781-00-X1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T23S R32E NWNW 330FNL 750FWL		10. Field and Pool, or Exploratory DIAMONDTAIL
		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 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	
	<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/BLA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion 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.)

**COMPLETION:**

1-28-14 MIRU. Test csg to 8500 # for 30 min. Ok.

1-30-14 Run RCBL. TOC @ 3838'. SI for frac.

2-12 - 2-27-14 Perf Avalon Bone Spring @ 11628-14050'. 672 Holes. Frac w/ 3,971,102 gals fluid;  
3,943,713 # sand.

2-27-14 Unable to pump down plug &amp; guns past 10,790'

2-28-14 Drill out plugs &amp; CO to PBTD @ 14078'. Set CBP @ 11607'. Unable to pressure test.

14. I hereby certify that the foregoing is true and correct.		<b>Electronic Submission #284345 verified by the BLM Well Information System</b> <b>For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs</b> <b>Committed to AFMSS for processing by LINDA JIMENEZ on 01/20/2015 (15LJ0483SE)</b>	
Name (Printed/Typed) CRISTEN BURDELL	Title REGULATORY	<b>ACCEPTED FOR RECORD</b> FEB 12 2015 L. Jimenez BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE	
Signature (Electronic Submission)	Date 12/08/2014		
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>			
Approved By _____		Title _____	Date _____
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.

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**Additional data for EC transaction #284345 that would not fit on the form**

**32. Additional remarks, continued**

3-4-14 RIH w/ pkr & set @ 10702'. Pressure test csg from 10702' to surf to 8500 # for 30 mins. test good.

4-17-14 Flowback well.

5-3-14 Set cmt retainer @ 10595'.

5-6-14 Squeeze csg leak @ 10778' w/ 500 sx class H cmt, 16.4 ppg, 1.075 yld.

5-9-14 DO cmt retainer & cmt to 10828'. WO prairie chicken restriction expiration.

6-25-14 DO composite plugs to PBTD.

6-28-14 RIH & set CBP @ 11555'.

7-10-14 RIH w/ 3 1-2", 12.95 #, L-80, BTS6 tbg & set @ 11555'. Cmt in place w/ 125 sx class H cmt, 14.5 ppg, 1.24 yld. TOC 9280'. WO frac.

7-30 - 8-13-14 Perf Avalon Bone Spring @ 9550-11762'. 600 Holes. Frac w/ 3,101,483 gals fluid; 2,544,655 # sand.

8-14-14 Mill out plugs & CO to PBTD. Flowback.

10-2-14 Free point @ 9210'. RIH & cut 3 1/2" csg @ 9180'. POOH

10-3-14 RIH 2 3/8" tbg & GLV & set @ 9103'. GLV= 1997, 3078, 3568, 4089, 4578, 5067, 5590, 6079, 6569, 7091, 7581, 8071, 8593, & 9051. Pkr set @ 9092'. Turn well to production.