

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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 type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM14124
2. Name of Operator CIMAREX ENERGY CO OF COLORADO		6. If Indian, Allottee or Tribe Name
3a. Address 600 E MARIENFELD ST SUITE 600 MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-620-1936 Fx: 432-620-1940		8. Well Name and No. MARQUARDT 12 PENN FED 2
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 12 T25S R26E SWNE 2310FNL 1330FEL ✓		9. API Well No. 30-015-34329-00-S1
		10. Field and Pool, or Exploratory UNKNOWN WHITE CITY
		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 checked="" type="checkbox"/> Recomplete	<input 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 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 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.)

08.15.10 Killed well with 40 bbl FW. NDWH. NU 5K BOP. Rel OOT & pkr. POOH w/ tbg.

08.16.10 Set CIBP @ 11465 & dumped 35' cmt on top.

08.17.10 Perfed Cisco Canyon 10133-10239 3 jspf, 93 holes.

08.22.10 Frac'd Cisco Canyon 10133-10239 w/ 1000 gal 15% HCl, 4000 gal 6% HCl-1.5 HF, 184460 gal slick water, 18987# 100 mesh, 101459# 30/50.

08.23.10 Set CFP @ 10125. Perfed Cisco Canyon 10032-10106 3 jspf, 60 holes. Frac'd 10032-10106 w/ 1028 gal 15% HCl, 4051 gal 6% HCl-1.5 HF, 186270 gal slick water, 20462# 100 mesh, 100928# 30/50. Set CFP @ 10000.

Accepted for record - NMOCD

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FEB 15 2011
NMOCD ARTESIA

14. Thereby certify that the foregoing is true and correct.	
Electronic Submission #101628 verified by the BLM Well Information System For CIMAREX ENERGY CO OF COLORADO, sent to the Carlsbad Committed to AFMSS for processing by CHERYLE RYAN on 02/03/2011 (10DLM1002S)	
Name (Printed/Typed) NATALIE E KRUEGER	Title REGULATORY
Signature (Electronic Submission)	Date 01/28/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	DUSTIN WINKLER Title PETROLEUM ENGINEER	Date 02/11/2011
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 ****

DHC-4314

NSL-5302

Additional data for EC transaction #101628 that would not fit on the form

32. Additional remarks, continued

Perfed Wolfcamp 9607-9727 3 jspf, 60 holes. Frac'd 9607-9727 w/ 2010 gal 15% HCl, 8000 gal 6% HCl-1.5 HF, 278378 gal slick water, 30325# 100 mesh, 126182# 30/50. Set CFP @ 9570.
Perfed Wolfcamp 9399-9533 3 jspf, 60 holes. Frac'd 9399-9533 w/ 1055 gal 15% HCl, 4108 gal 6% HCl-1.5 HF, 284999 gal slick water, 29209# 100 mesh, 194896# 30/50. Set CFP @ 9375.
Perfed Wolfcamp 9181-9347 3 jspf, 60 holes.

08.24.10 Frac'd 9181-9347 w/ 1684 gal 15% HCl, 5765 gal 6% HCl-1.5 HF, 223036 gal slick water, 28952# 100 mesh, 106348# 30/50.

08.25.10 DO CFPs.

09.08.10 TIH w/ 2-3/8" L-80 tbq. OOT @ 9135, SN @ 9136, pkr @ 9144, XN @ 9151, EOT @ 9155.

09.18.10 First oil and gas production.