

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.**

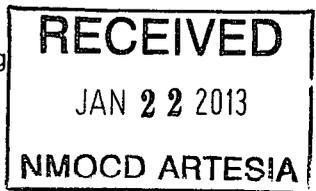
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: INJECTION		5. Lease Serial No. NMNM080268
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: PAULA BRUNSON E-Mail: pbrunson@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-571-7848	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 15 T17S R28E SWSE 900FSL 2530FEL		8. Well Name and No. VERMEJO SWD 1
		9. API Well No. 30-015-40644-00-X1
		10. Field and Pool, or Exploratory EDDY
		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 Drilling Operations
	<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 recomplete 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.)

10/23/12. Spud well.  
10/24/12. TD 17.5" hole @ 362'. Set 13-3/8" 48# J55 casing @ 362'. Mix and pump lead 170 sks Extendacem CZ 13.5 ppg 1.75 yield, tail 200 sks Class C 14.8 ppg 1.33 yield. Circ 84 sks to surface. WOC 20+ hrs.  
10/25/12. Test casing to 1000 psi for 30 min. Okay.  
10/26/12. TD 12-1/4" hole @ 2105'.  
10/27/12. Run 9-5/8" 36# LT&C casing. Set @ 2105'. Mix and pump lead 620 sks Econocem 12.9 ppg 1.88 yield, tail 150 sks Halcem 14.8 ppg 1.33 yield. Circ 209 sks to surface. WOC 8+ hrs.  
10/28/12. Test casing to 1500 psi for 30 min. Okay.  
11/16/12. Pipe left in hole. Top of pipe @ 7779', bottom @ 8016'. Set whipstock @ 7422' for sidetrack.  
11/17/12. Cement whipstock with 225 sks Class H cmt 15.6 ppg yield 1.19.



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

Electronic Submission #180967 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 01/15/2013 (13KMS4443SE)

Name (Printed/Typed) PAULA BRUNSON	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 01/11/2013

*Accepted for record*  
NMOCD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <b>ACCEPTED</b>	JAMES A AMOS Title SUPERVISOR EPS	Date 01/17/2013
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 \*\***

*Paula*

**Additional data for EC transaction #180967 that would not fit on the form**

**32. Additional remarks, continued**

11/21/12. TD 8" hole @ 8130'.

11/22/12. Set 7" 26# N80 BTC casing @ 8130'. Set DV Tool @ 6789'.

11/23/12. Mix and pump 1st stage cement 150 sks Light H 10.8 ppg 2.35 yield. Open DV Tool. Circ 20 bbls cmt to surface. Mix and pump second stage 680 sks Tuned Light 10.8 ppg 2.39 yield cmt. Circ 164 sks to surface. WOC 18+ hrs.

11/24/12. Test casing to 1500 psi for 30 min. Okay. Drill out DV Tool @ 6789'.

11/28/12. TD 6-1/8" hole @ 8700'.

11/29/12. Set 4.5" 11.6# L80 liner f/8009 t/8691'.

11/30/12. Mix and pump 50 sks Tuned Light H 10.8 ppg 2.35 yield.

12/1/12. Release rig.