

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**NMOCD**  
**Artesia**

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**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.*

5. Lease Serial No.  
NMNM0441951A

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well

Oil Well  Gas Well  Other

8. Well Name and No.  
WHITE CITY 31 FEDERAL 4

2. Name of Operator  
CIMAREX ENERGY CO.

Contact: AMITHY E CRAWFORD  
E-Mail: acrawford@cimarex.com

9. API Well No.  
30-015-35494

3a. Address  
202 S. CHEYENNE AVE. SUITE 1000  
TULSA, OK 74103

3b. Phone No. (include area code)  
Ph: 432-620-1909

10. Field and Pool or Exploratory Area  
CISCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 31 T24S R26E 800FSL 1250FEL

11. County or Parish, State  
EDDY COUNTY, NM

**12. CHECK THE 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"/> Hydraulic Fracturing	<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 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 checked="" 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 recomplate 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

White City 31 Fed 4  
Plugback/Recompletion Ops

*PLC 4-4-18*  
Accepted for record - NMOCD

NM OIL CONSERVATION  
ARTESIA DISTRICT

APR 03 2018

3/10/2017- Set CIPB @ 11155' mix and pump 25 sks Class H on top. TOC 10845'. Plug off Morrow.  
3/11/2017- Set CIBP @ 10412' mix and pump 40' cement. TOC 10372'. Plug off Atoka.  
04/23/2017- Perforate Cisco Canyon from 10130'-9928'. 59 total shots. Frac Cisco Canyon with 424799 gal slickwater, and 557221 # sand.  
4/23/2017- Perforate wolfcamp perms @ 9886'-8412'. 59 Total Shots. Frac Wolfcamp with 343340 gal slickwater and 421487# sand.  
6/24/2017- Started drilling out frac plugs. Found Casing Leak.  
6/27/2017 to 7/1/2017- To isolate casing leak RIH with 3 1/2" casing liner and set at liner 9247' to surface. Cemented 3 1/2" casing liner with 150 sks cement.

RECEIVED  
*This needs prior approval.*

*Be sure to submit completion Prod*

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

Electronic Submission #408825 verified by the BLM Well Information System  
For CIMAREX ENERGY CO., sent to the Carlsbad  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 03/22/2018 ( )

Name (Printed/Typed) AMITHY E CRAWFORD

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 03/22/2018

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

MAR 22 2018

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

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD 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.

(Instructions on page 2)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Additional data for EC transaction #408825 that would not fit on the form**

**32. Additional remarks, continued**

7/7/2017- RIH with CBL log tools for 3 1/2" csg liner and tagged cement at 8992' and top of cement at 98'.

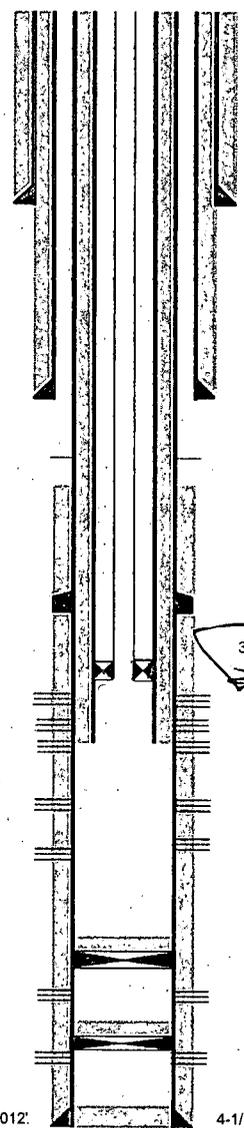
8/11/2017- Add more perms from 9222'-9012'. 59 total shots. Frac with 537820 lbs sand and 451432 gal frac fluid.

8/23/2017- Finish drilling out frac plugs and tagged PBDT At 10372'. Turn well to production. Tubing will be ran at a later date.



Proposed Ciscamp WBD  
KB - 18' above GL

Cimarex Energy Co. of Colorado  
White City 31 Federal 4  
API #: 30-015-35494  
800' FSL & 1250' FEL  
Sec. 31, T24S, R26E, Eddy Co., NM  
S. Runyan 3/22/2018



13-3/8" 48# H-40 csg @ 320'  
cmtd w/ 540 sx, Cmt circ.

9-5/8" 40# J-55 @ 2250'  
cmtd w/ 1110 sx, Cmt circ.

Hole in 4.5" csg at 4,692'

TOC @ 5150' by CBL

2-3/8" 4.7# L-80 tbg

DV @ 7904'

cmtd w/ 1310 sx  
3.5" 9.3# P-110 Ultra FJ csg set at 9,247'

Wolfcamp perfs (8,412' - 8,593')  
Wolfcamp perfs (9,012' - 9,225')  
Wolfcamp perfs (9,257' - 9,468') not fraced

Wolfcamp perfs (9,656' - 9,886')

Cisco Canyon perfs (9,928' - 10,130')

TOC @ 10,372  
CIBP set at +/- 10,412' w/ 40' of cmt bailed on top  
Atoka perfs (10,462' - 10,492')

TOC @ 10,845 WLM  
CIBP set at +/- 11,153' w/ 25 sxs of cmt placed on top  
Morrow perfs (11,217' - 11,888')

1.9" 2.9# N-80 Tbg @ 8,362  
Packer @ 8,362'

PBTD @ 12012'  
TD @ 12080'

4-1/2" 11.6# P-110 csg @ 12080'  
cmtd w/ 850 sx, cmt circ.

Strawn perfs (10,299' - 10,434')