

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOC D
Artesia

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.

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

5. Lease Serial No.
WNM19423

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
WHITE CITY 14 FEDERAL 4

9. API Well No.
30-015-36336

10. Field and Pool, or Exploratory
SULPHATE; DELAWARE

11. County or Parish, and State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
CIMAREX
Contact: RHONDA SHELDON
E-Mail: rsheldon@cimarex.com

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

3b. Phone No. (include area code)
Ph: 918-295-1709

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 14 T25S R26E 660FSL 330FEL

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 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.)

H2S ROE:
100 PPM = 117.13'
500 PPM = 53.52'

NM OIL CONSERVATION
ARTESIA DISTRICT
FEB 08 2016
RECEIVED

Accepted for record
JRS

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #328239 verified by the BLM Well Information System For CIMAREX, sent to the Carlsbad

Name (Printed/Typed) RHONDA SHELDON Title REGULATORY TECHNICIAN

Signature (Electronic Submission) Date 01/11/2016

ACCEPTED FOR RECORD
JAN 25 2016
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____

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.

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



Laboratory Services, Inc.

2609 West Marland
Hobbs, New Mexico 88240

Telephone: (575) 397-3713

White City 14 Fed 4.

FOR: Cimarex Energy
Attention: Terry Ainsworth
800 N. Marlenfeld, Suite 600
Midland, Texas 79701

SAMPLE: Sta. #WC14-4
IDENTIFICATION White City 14-4
COMPANY: Cimarex Energy
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 4/28/11 11:27 am
ANALYSIS DATE: 5/2/11
PRESSURE - PSIG 154.4
SAMPLE TEMP. °F 102
ATMOS. TEMP. °F 78

GAS (XX) LIQUID ()
SAMPLED BY: D. Stevens
ANALYSIS BY: Vickie Sullivan

REMARKS: H2S = 12,000 PPM

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)	1.200	
Nitrogen (N2)	8.612	
Carbon Dioxide (CO2)	0.000	
Methane (C1)	59.961	
Ethane (C2)	17.325	4.622
Propane (C3)	8.378	2.303
i-Butane (IC4)	0.871	0.284
N-Butane (NC4)	2.096	0.659
i-Pentane (IC5)	0.487	0.178
N-Pentane (NC5)	0.501	0.181
Hexane Plus (C6+)	0.569	0.247
	100.000	8.474

BTU/CU.FT. - DRY 1297
AT 14.650 DRY 1293
AT 14.650 WET 1270
AT 14.73 DRY 1300
AT 14.73 WET 1278

MOLECULAR WT. 24.2709

SPECIFIC GRAVITY -
CALCULATED 0.840
MEASURED