

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNMOCD
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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.		5. Lease Serial No. WNM19423
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator CIMAREX		7. If Unit or CA/Agreement, Name and/or No.
Contact: RHONDA SHELTON E-Mail: rsheldon@cimarex.com		8. Well Name and No. WHITE CITY 14 FEDERAL 4
3a. Address 202 S. CHEYENNE AVE, SUITE 1000 TULSA, OK 74103	3b. Phone No. (include area code) Ph: 918-295-1709	9. API Well No. 30-015-36336
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 14 T25S R26E 660FSL 330FEL		10. Field and Pool, or Exploratory SULPHATE; DELAWARE
		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
	<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 recompleate 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 recompleation 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

NMOCD
JRS

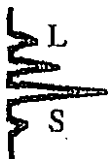
14. I hereby certify that the foregoing is true and correct. Electronic Submission #328239 verified by the BLM Well Information System For CIMAREX, sent to the Carlsbad	
Name (Printed/Typed) RHONDA SHELTON	Title REGULATORY TECHNICIAN
Signature (Electronic Submission)	Date 01/11/2016
THIS SPACE FOR FEDERAL 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.	

ACCEPTED FOR RECORD

JAN 15 2016

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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



Laboratory Services, Inc.

2609 West Marland
Hobbs, New Mexico 88240

Telephone: (575) 397-3713

White City 14 Feb 4.

FOR: Cimarex Energy
Attention: Terry Ainsworth
600 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