

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.

5. Lease Serial No.
NMLC067132

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

8. Well Name and No.
EMPIRE A FED COM 3

9. API Well No.
30-015-38659

10. Field and Pool, or Exploratory
WILDCAT

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
CIMAREX ENERGY COMPANY
Contact: CRISTEN BURDELL
E-Mail: cburdell@cimarex.com

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

3b. Phone No. (include area code)
Ph: 918-560-7038

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 27 T18S R29E SWSW 330FSL 810FWL

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 gas analysis for facility as requested

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 18 2016

RECEIVED

*Accepted for record
NMLC067132
4/18/16
AB*

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #273891 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Carlsbad Committed to AFMSS for processing by LINDA DENNISTON on 01/13/2015 ()

Name (Printed/Typed) CRISTEN BURDELL Title REGULATORY ANALYST

Signature (Electronic Submission) Date 10/27/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Accepted for Record

Approved By *James A. Cross* Title *SAET* Date *4-10-16*

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 *CAD*

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

FOR: Cimarex Energy
Attention: Terry Alnsworth
600 N. Marienfeld, Suite 600
Midland, Texas 79701

SAMPLE: Sta. # 309775020
IDENTIFICATION Empire A Fed. Com. #3
COMPANY: Cimarex Energy
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 9/7/11 8:25 am
ANALYSIS DATE: 9/12/11
PRESSURE - PSIG 37
SAMPLE TEMP. °F 75.5
ATMOS. TEMP. °F 68

GAS (XX) LIQUID ()
SAMPLED BY: Mike Martinez/Gas Meas.
ANALYSIS BY: Vicki McDaniel

REMARKS: H2S = 0.5 PPM

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)	0	
Nitrogen (N2)	2.213	
Carbon Dioxide (CO2)	0.366	
Methane (C1)	76.177	
Ethane (C2)	11.366	3.032
Propane (C3)	5.465	1.502
I-Butane (IC4)	0.755	0.246
N-Butane (NC4)	1.719	0.541
I-Pentane (IC5)	0.495	0.181
N-Pentane (NC5)	0.440	0.159
Hexane Plus (C6+)	1.004	0.436
	100.000	6.097

BTU/CU.FT. - DRY 1279
AT 14.650 DRY 1275
AT 14.650 WET 1253
AT 14.73 DRY 1282
AT 14.73 WET 1260

MOLECULAR WT. 21.8053

SPECIFIC GRAVITY -
CALCULATED 0.756
MEASURED