

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.
NMNM113415

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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**

8. Well Name and No.
AFTON 24 FED COM 1

9. API Well No.
30-025-38388

10. Field and Pool, or Exploratory
GEM; STRAWN, EAST

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 24 T19S R33E 700FSL 1165FWL /

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

HOBBS OCD
APR 18 2016

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 recompleat 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 recompleat 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

14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #273863 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 05/04/2015 ()**

Name (Printed/Typed) **CRISTEN BURDELL** Title **REGULATORY ANALYST**

Signature (Electronic Submission) Date **10/27/2014**

Accepted for Record THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By *James A. Amos* Title *SPET* 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 *CFO* *[Signature]*

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 ****

MAY 06 2016

[Handwritten Signature]



Laboratory Services, Inc.

2609 West Marland
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR:	Cimarex Energy Attention: David Hayes P. O. Box 1237 Eunice, New Mexico 88231	SAMPLE:	Separator Gas
		IDENTIFICATION:	Afton 24 Fed. Com. #1
		COMPANY:	Cimarex Energy
		LEASE:	
		PLANT:	
SAMPLE DATA:	DATE SAMPLED 2/9/08 11:05 am	GAS (XX)	LIQUID ()
	ANALYSIS DATE: 2/11/08	SAMPLED BY:	Will McDaniel
	PRESSURE - PSIG 30	ANALYSIS BY:	Vicki McDaniel
	SAMPLE TEMP. °F		
	ATMOS. TEMP. °F 61		
REMARKS:	H2S = 0		

COMPONENT ANALYSIS

COMPONENT		MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		0.000	
Nitrogen (N2)		3.248	
Carbon Dioxide (CO2)		0.438	
Methane (C1)		67.263	
Ethane (C2)		16.774	4.475
Propane (C3)		8.686	2.388
I-Butane (IC4)		0.749	0.244
N-Butane (NC4)		1.870	0.588
I-Pentane (IC5)		0.246	0.090
N-Pentane (NC5)		0.298	0.108
Hexane Plus (C6+)		0.428	0.186
		100.000	8.079
BTU/CU.FT. - DRY	1322		MOLECULAR WT. 23.0765
AT 14.650 DRY	1318		
AT 14.650 WET	1295		
AT 14.73 DRY	1325		
AT 14.73 WET	1302		
SPECIFIC GRAVITY -			
CALCULATED	0.796		
MEASURED			