

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MOOD  
Hobbs

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.*

HOBBS OGD

5. Lease Serial No.  
NMLC069832B

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

OCT 30 2014

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

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
INDEPENDENCE 8 FEDERAL COM 1H ✓

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

RECEIVED

9. API Well No.  
30-005-29151-00-S1 ✓

3a. Address  
600 NORTH MERINFELD ST, #600  
MIDLAND, TX 79701

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

10. Field and Pool, or Exploratory  
UNDESIGNATED-ABO-WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 8 T15S R31E NWNE 510FNL 2310FEL

11. County or Parish, and State  
CHAVES 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 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

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #273922 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY, sent to the Roswell  
Committed to AFMSS for processing by BEVERLY WEATHERFORD on 10/27/2014 (15BMW0063SE)**

Name (Printed/Typed) CRISTEN BURDELL Title REGULATORY ANALYST

Signature (Electronic Submission) Date 10/27/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By  Title LEAD PET Date 10/28/14

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

OCT 30 2014



**Revisions to Operator-Submitted EC Data for Sundry Notice #273922**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	OTHER SR	OTHER SR
Lease:	NMLC060850	NMLC069832B
Agreement:		
Operator:	CIMAREX ENERGY COMPANY 202 S. CHEYENNE AVE STE 1000 TULSA, OK 74103 Ph: 918-560-7038	CIMAREX ENERGY COMPANY 600 NORTH MERINFELD ST, #600 MIDLAND, TX 79701 Ph: 432-620-1959
Admin Contact:	CRISTEN BURDELL REGULATORY ANALYST E-Mail: cburdell@cimarex.com  Ph: 918-560-7038	CRISTEN BURDELL REGULATORY ANALYST E-Mail: cburdell@cimarex.com  Ph: 918-560-7038
Tech Contact:	CRISTEN BURDELL REGULATORY ANALYST E-Mail: cburdell@cimarex.com  Ph: 918-560-7038	CRISTEN BURDELL REGULATORY ANALYST E-Mail: cburdell@cimarex.com  Ph: 918-560-7038
Location:		
State:	NM	NM
County:	CHAVES COUNTY	CHAVES
Field/Pool:	WILDCAT ABO WOLFCAMP	UNDESIGNATED-ABO-WOLFCAMP
Well/Facility:	INDEPENDENCE 8 FC 1 Sec 8 T15S R31E NWNE 510FNL 2310FEL	INDEPENDENCE 8 FEDERAL COM 1H Sec 8 T15S R31E NWNE 510FNL 2310FEL



# LABORATORY SERVICES

Natural Gas Analysis

www.permianls.com

575.397.3713 2609 W Marland Hobbs NM 88240

For:	Cimarex Energy Attention: John Osborne 2020 W. Bender Blvd Hobbs, New Mexico 88240	Sample:	Separator
		Identification:	Independence 8 Fed. Com. # 1
		Company:	Cimarex Energy
		Lease:	
		Plant:	

Sample Data:	Date Sampled	10/21/2013	1:40 PM	
	Analysis Date	10/22/2013		
	Pressure-PSIA	45		Sampled by: Taylor Ridings
	Sample Temp F			Analysis by: Vicki McDaniel
	Atmos Temp F	58		

H2S = 0.1 PPM

### Component Analysis

		Mol Percent	GPM
Hydrogen Sulfide	H2S		
Nitrogen	N2	2.122	
Carbon Dioxide	CO2	0.323	
Methane	C1	51.669	
Ethane	C2	20.113	5.365
Propane	C3	15.391	4.229
I-Butane	IC4	1.960	0.640
N-Butane	NC4	4.841	1.522
I-Pentane	IC5	1.083	0.395
N-Pentane	NC5	1.126	0.407
Hexanes Plus	C6+	1.372	0.594
		100.000	13.153

### REAL BTU/CU.FT.

At 14.65 DRY	1652.1
At 14.65 WET	1623.3
At 14.696 DRY	1657.2
At 14.696 WET	1629.2
At 14.73 DRY	1661.1
At 14.73 Wet	1632.4

### Specific Gravity

Calculated 0.9904

Molecular Weight 28.6853