

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.
NMNM063530

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.
EAST LUSK 15 FED COM 1 ✓

9. API Well No.
30-025-40134-00-X1 ✓

10. Field and Pool, or Exploratory
LUSK

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

1. Type of Well
 Oil Well Gas Well Other: UNKNOWN OTH

2. Name of Operator Contact: RHONDA SHELDON
CIMAREX ENERGY COMPANY OF CO-Mail: rsheldon@cimarex.com

3a. Address
600 NORTH MARIENFELD STREET, SUITE 600
MIDLAND, TX 79701

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 15 T19S R32E SESE 600FSL 330FEL
606D FSL ✓

HOBBS OCD
APR 18 2016

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

RECEIVED

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.)

PLEASE SEE THE ATTACHED ANALYSIS. NO H2S PRESENT.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #327838 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 01/11/2016 (16PP0115SE)**

Name (Printed/Typed) RHONDA SHELDON Title REGULATORY TECHNICIAN

Signature (Electronic Submission) Date 01/06/2016

Accepted for Record THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By James A. Carson 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

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.

Handwritten initials and signature



LABORATORY SERVICES

Natural Gas Analysis

www.permianls.com

575.397.3713 2609 W Marland Hobbs NM 88240

For: Cimarex Energy
Attention: Mark Cummings
600 N. Marienfeld, Suite 600
Midland, Texas 79701

Sample: Sta. # 301471072
Identification: Lusk 15-1
Company: Cimarex Energy
Lease:
Plant:

Sample Data: Date Sampled 2/13/2015 10:50 AM
Analysis Date 2/16/2015
Pressure-PSIA 47
Sample Temp F 79
Atmos Temp F 48

Sampled by: J. Jiron
Analysis by: Vicki McDaniel

H2S = 0.1 PPM

Component Analysis

		Mol Percent	GPM
Hydrogen Sulfide	H2S		
Nitrogen	N2	3.992	
Carbon Dioxide	CO2	0.128	
Methane	C1	75.328	
Ethane	C2	10.983	2.930
Propane	C3	5.611	1.542
I-Butane	IC4	0.615	0.201
N-Butane	NC4	1.589	0.500
I-Pentane	IC5	0.449	0.164
N-Pentane	NC5	0.470	0.170
Hexanes Plus	C6+	0.835	0.361
		100.000	5.867

REAL BTU/CU.FT.		Specific Gravity	
At 14.65 DRY	1248.5	Calculated	0.7512
At 14.65 WET	1226.7		
At 14.696 DRY	1252.4		
At 14.696 WET	1231.1	Molecular Weight	21.7580
At 14.73 DRY	1255.3		
At 14.73 Wet	1233.6		

Test Method GPA 2261-95

Calculations based on GPA 2145-09