

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM14468
2. Name of Operator CIMAREX ENERGY COMPANY OF CO		6. If Indian, Allottee or Tribe Name
Contact: CRISTEN BURDELL Email: cburdell@cimarex.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 918-560-7038	8. Well Name and No. GRYNBERG 11 FED COM 3
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 11 T25S R26E NWSW 1500FSL 1300FWL		9. API Well No. 30-015-34193-00-S1
		10. Field and Pool, or Exploratory BRUSHY CANYON
		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 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

UPD 12/21/15
Submitted for Record
N.M.OCD

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 18 2015

RECEIVED

Need ROE

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #273998 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad Committed to AFMSS for processing by MARISSA KLEIN on 06/29/2015 (15MGK0207SE)	
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 R. Ames	Title SPE T	Date 12-13-15
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 NMO

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 ****



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. # 309588231
Identification: Grynberg 11 Fed. Com. # 4
Company: Cimarex Energy
Lease:
Plant:

Sample Data: Date Sampled 7/25/2013 1:33 PM
Analysis Date 7/26/2013
Pressure-PSIA 62
Sample Temp F 101
Atmos Temp F
Sampled by: Taylor Ridings
Analysis by: Vicki McDaniel

H2S = 5.5 PPM

Component Analysis

		Mol Percent	GPM
Hydrogen Sulfide	H2S	0.001	<u>1000 PPM</u>
Nitrogen	N2	0.575	
Carbon Dioxide	CO2	0.720	
Methane	C1	96.988	
Ethane	C2	1.379	0.368
Propane	C3	0.186	0.051
I-Butane	IC4	0.029	0.009
N-Butane	NC4	0.031	0.010
I-Pentane	IC5	0.008	0.003
N-Pentane	NC5	0.008	0.003
Hexanes Plus	C6+	0.075	0.032
		100.000	0.476

REAL BTU/CU.FT.		Specific Gravity	
At 14.65 DRY	1014.1	Calculated	0.5749
At 14.65 WET	996.4		
At 14.696 DRY	1017.2		
At 14.696 WET	999.8	Molecular Weight	16.6505
At 14.73 DRY	1019.6		
At 14.73 Wet	1002.0		