

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD 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.

5. Lease Serial No.
NMNM40276

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM72609X

8. Well Name and No.
NORTH MADURO UNIT 5 /

9. API Well No.
30-025-40187-00-S1

10. Field and Pool, or Exploratory
TONGO

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 20 T19S R33E SESE 660FSL 330FEL
32.640325 N Lat, 103.677781 W Lon /

RECEIVED
DEC 21 2015

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/BLA. 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 #273827 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 01/30/2015 (15LJ0618SE)**

Name (Printed/Typed) CRISTEN BURDELL Title REGULATORY

Signature (Electronic Submission) Date 10/27/2014

Accepted for Record THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By *[Signature]* Title *SAET* Date *12-13-15*

Office *MO*

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 ****

Accepted for Record Only

MSB/OCD 12/21/2015 DEC 22 2015

[Signature]



Laboratory Services, Inc.

2609 West Marland
Hobbs, New Mexico 88240

Telephone: (575) 397-3713

FOR: Cimarex Energy
Attention: Mark Bishop
800 N. Marlenfeld, Suite 600
Midland, Texas 79701

SAMPLE: IDENTIFICATION N. Maduro Unit #5 H
COMPANY: Cimarex Energy
LEASE: *Maduro North Federal 5H*
PLANT:

SAMPLE DATA: DATE SAMPLED: 1/18/12 12:45 pm
ANALYSIS DATE: 1/19/12
PRESSURE - PSIA 50.2
SAMPLE TEMP. °F 71.5
ATMOS. TEMP. °F 65

GAS (XX) LIQUID ()
SAMPLED BY: Mark Bishop
ANALYSIS BY: Vickie Sullivan

REMARKS: H2S = 0

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)	0.000	
Nitrogen (N2)	3.990	
Carbon Dioxide (CO2)	0.255	
Methane (C1)	70.411	
Ethane (C2)	12.762	3.405
Propane (C3)	7.665	2.107
i-Butane (IC4)	0.825	0.269
N-Butane (NC4)	2.187	0.688
i-Pentane (IC5)	0.511	0.187
N-Pentane (NC5)	0.505	0.182
Hexane Plus (C6+)	0.889	0.388
	100.000	7.224
BTU/CU.FT. - DRY	1317	MOLECULAR WT. 22.9913
AT 14.650 DRY	1312	
AT 14.650 WET	1290	
AT 14.73 DRY	1320	
AT 14.73 WET	1297	
SPECIFIC GRAVITY -		
CALCULATED	0.797	
MEASURED		