

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD

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.**

5. Lease Serial No.  
NMLC061873B

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
COTTON DRAW 9L FEDERAL 2H

9. API Well No.  
30-025-40784-00-S1

10. Field and Pool, or Exploratory  
WC G08 S253209L

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
CIMAREX ENERGY COMPANY OF CO  
Contact: CRISTEN BURDELL  
Email: 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 9 T25S R32E SESW 280FSL 2290FWL

HOBBS OGD  
DEC 02 2015  
RECEIVED

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other

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 recomple 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 recomple 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 #273829 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 (15LJ0620SE)**

Name (Printed/Typed) CRISTEN BURDELL Title REGULATORY ANALYST

Signature (Electronic Submission) Date 10/27/2014

ACCEPTED FOR RECORD  
NOV 15 2015  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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 \*\*

DEC 07 2015

Handwritten initials

Wildcat Measurement Service  
P.O.Box 1836  
416 East Main Street  
Artesia, NM 88211-1836

3/19/2014 3:23 PM  
Phone: 575-746-3481  
888-421-9453  
Fax: 575-748-9852  
dnorman@wildcatms.com

### GAS ANALYSIS REPORT

Analysis For: CIMAREX ENERGY COMPANY  
Field Name:  
Well Name: COTTON DRAW "9" FEDERAL #2 FUEL  
Station Number: NFP1471117  
Purpose: SEMI-ANNUAL  
Sample Deg. F: 79.0  
Volume/Day:  
Formation:  
Line PSIG: 106.9  
Line PSIA: 120.1

Run No: 2140307-18  
Date Run: 03/07/2014  
Date Sampled: 02/27/2014  
Producer: CIMAREX ENERGY CO.  
County: LEA  
State: NM  
Sampled By: DEREK SAUDER  
Atmos Deg. F: 73.2

GAS COMPONENTS			
		MOL%	GPM
Oxygen	O2:	0.0000	
Carbon Dioxide	CO2:	0.1100	
Nitrogen	N2:	0.8638	
Hydrogen Sulfide	H2S:	0.0000	
Methane	C1:	73.6216	
Ethane	C2:	13.3493	3.5692
Propane	C3:	7.1104	1.9584
Iso-Butane	IC4:	0.9913	0.3243
Nor-Butane	NC4:	2.2185	0.6992
Iso-Pentane	IC5:	0.4203	0.1537
Nor-Pentanes	NC5:	0.4316	0.1564
Hexanes Plus	C6+:	0.8832	0.3840
Totals		100.0000	7.2452

Pressure Base: 14.730  
Real BTU Dry: 1351.575  
Real BTU Wet: 1328.111  
Calc. Ideal Gravity: 0.7787  
Calc. Real Gravity: 0.7817  
Field Gravity:  
Standard Pressure: 14.696  
Ideal BTU Dry: 1342.752  
Ideal BTU Wet: 1319.389  
Z Factor: 0.9958  
Average Mol Weight: 22.5538  
Average CuFt/Gal: 53.4295  
26 lb. Product: 1.0777  
Ethane+ GPM: 7.2452  
Propane+ GPM: 3.6760  
Butane+ GPM: 1.7176  
Pentane+ GPM: 0.6941

Remarks:  
H2S IN GAS STREAM ON LOCATION: NONE DETECTED

Analysis By: Don Norman