

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.  
NMLC061873B

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

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

10. Field and Pool, or Exploratory  
WC G08 S253209L

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 9 T25S R32E SESW 280FSL 2290FWL

11. County or Parish, and State  
LEA 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 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 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 #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

Signature (Electronic Submission)

Date 10/27/2014

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

*James C. Davis*

Title

*SABT*

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

*APD*

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

*MAB/OCD 12/21/2015*

*23*  
DEC 22 2015 *dm*

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

3/19/2014 3:23 PM  
Phone: 575-748-3481  
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	C02:	0.1100	
Nitrogen	N2:	0.8638	
Hydrogen Sulfide	H2S:	0.0000	
<hr/>			
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