

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.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC061873B
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: CRISTEN BURDELL E-Mail: cburdell@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 918-560-7038	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T25S R32E SESW 280FSL 2290FWL		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

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"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other
	<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 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

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

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

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 ****

DEC 07 2015

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