

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
NOV 04 2014

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.

RECEIVED

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. NMLC060850
2. Name of Operator CIMAREX ENERGY CO OF COLORADO Contact: CRISTEN BURDELL Email: cburdell@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 600 N. MARIENFELD STREET STE 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 8 T15S R31E SENE 4980 FNL 990 FEL 1830 2310		8. Well Name and No. INDEPENDENCE 8 FEDERAL COM 2H
		9. API Well No. 30-005-29152
		10. Field and Pool, or Exploratory WILDCAT
		11. County or Parish, and State CHAVES 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

14. I hereby certify that the foregoing is true and correct. Electronic Submission #273919 verified by the BLM Well Information System For CIMAREX ENERGY CO OF COLORADO, sent to the Roswell Committed to AFMSS for processing by BEVERLY WEATHERFORD on 10/27/2014 (15BMW0061SE)	
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 <u>/s/ Robert Hoskinson</u>	Title <u>Lead PET</u>	Date <u>11/4/14</u>
Conditions of approval, if any, are attached. Approval of this notice does not constitute a certification 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 <u>Roswell Field Office</u>		

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 ****

NOV 05 2014

Revisions to Operator-Submitted EC Data for Sundry Notice #273919

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	OTHER SR	OTHER SR
Lease:	NMLC060850	NMLC060850
Agreement:		
Operator:	CIMAREX ENERGY COMPANY 202 S. CHEYENNE AVE STE 1000 TULSA, OK 74103 Ph: 918-560-7038	CIMAREX ENERGY CO OF COLORADO 600 N. MARIENFELD STREET STE 600 MIDLAND, TX 79701 Ph: 918-560-7060
Admin Contact:	CRISTEN BURDELL REGULATORY ANALYST E-Mail: cburdell@cimarex.com Ph: 918-560-7038	CRISTEN BURDELL REGULATORY ANALYST E-Mail: cburdell@cimarex.com Ph: 918-560-7038
Tech Contact:	CRISTEN BURDELL REGULATORY ANALYST E-Mail: cburdell@cimarex.com Ph: 918-560-7038	CRISTEN BURDELL REGULATORY ANALYST E-Mail: cburdell@cimarex.com Ph: 918-560-7038
Location:		
State:	NM	NM
County:	CHAVES COUNTY	CHAVES
Field/Pool:	WILDCAT	WILDCAT
Well/Facility:	INDEPENDENCE 8 FC 2 Sec 8 T15S R31E SENE 1980FNL 330FEL	INDEPENDENCE 8 FEDERAL COM 2H Sec 8 T15S R31E SENE 1980FNL 330FEL

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

5/17/2014 9:30 AM
Phone: 575-746-3481
888-421-9453
Fax: 575-748-9852
dnorman@wildcatins.com

GAS ANALYSIS REPORT

Analysis For: CIMAREX ENERGY COMPANY
Field Name:
Well Name: INDEPENDENCE "8" FC #2 FUEL
Station Number: NFW9742023
Purpose: SEMI-ANNUAL
Sample Deg. F: 51.6
Volume/Day:
Formation:
Line PSIG: 73.8
Line PSIA: 87.0

Run No: 2140430-34
Date Run: 04/30/2014
Date Sampled: 04/14/2014
Producer: CIMAREX ENERGY CO.
County: CHAVES
State: NM
Sampled By: DEREK SAUDER
Atmos Deg. F: 38.4

GAS COMPONENTS			
		MOL%	GPM
Oxygen	O2:	0.0000	
Carbon Dioxide	CO2:	0.1369	
Nitrogen	N2:	3.0477	
Hydrogen Sulfide	H2S:	0.0000	
Methane	C1:	63.6985	
Ethane	C2:	17.8307	4.7674
Propane	C3:	10.0545	2.7693
Iso-Butane	IC4:	1.1104	0.3633
Nor-Butane	NC4:	2.4276	0.7649
Iso-Pentane	IC5:	0.4453	0.1628
Nor-Pentanes	NC5:	0.4206	0.1524
Hexanes Plus	C6+:	0.8284	0.3601
Totals		100.0000	9.3403

Pressure Base: 14.730
Real BTU Dry: 1414.405
Real BTU Wet: 1389.851

Calc. Ideal Gravity: 0.8418
Calc. Real Gravity: 0.8455
Field Gravity:
Standard Pressure: 14.696
Ideal BTU Dry: 1404.335
Ideal BTU Wet: 1379.900
Z Factor: 0.9952
Average Mol Weight: 24.3806
Average CuFt/Gal: 52.4125
26 lb. Product: 1.0422
Ethane+ GPM: 9.3403
Propane+ GPM: 4.5729
Butane+ GPM: 1.8036
Pentane+ GPM: 0.6754

Remarks:
H2S IN GAS STREAM ON LOCATION: NONE DETECTED

Analysis By: Don Norman