

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNMOCD  
HobbsFORM 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. NMNM127895
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 25 T24S R32E NENW 330FNL 2055FWL		8. Well Name and No. DOUBLE X 25 FEDERAL 4
		9. API Well No. 30-025-40690-00-S1
		10. Field and Pool, or Exploratory WC-025 G07 S243225C
		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 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. <b>Electronic Submission #273890 verified by the BLM Well Information System</b> <b>For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs</b> <b>Committed to AFMSS for processing by LINDA JIMENEZ on 05/04/2015 (15LJ1026SE)</b>	
Name (Printed/Typed) CRISTEN BURDELL	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 10/27/2014

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

<b>ACCEPTED FOR RECORD</b> <b>/S/ DAVID R. GLASS</b> NOV 20 2015 DAVID R. GLASS REGULATORY ENGINEER		Title	Date
Approved By			
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

jm

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

4/12/2014 2:55 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: DOUBLE "X25" FEDERAL #4H SALES  
Station Number: NCW1471098  
Purpose: SEMI-ANNUAL  
Sample Deg. F: 72.5  
Volume/Day:  
Formation:  
Line PSIG: 53.6  
Line PSIA: 66.8

Run No: 2140326-37  
Date Run: 03/26/2014  
Date Sampled: 03/12/2014  
Producer: CIMAREX ENERGY CO.  
County: LEA  
State: NM  
Sampled By: DEREK SAUDER  
Atmos Deg. F: 62.8

GAS COMPONENTS			
		MOL%	GPM
Oxygen	O2:	0.0000	
Carbon Dioxide	CO2:	0.2569	
Nitrogen	N2:	1.5210	
Hydrogen Sulfide	H2S:	0.0000	
Methane	C1:	74.9787	
Ethane	C2:	12.3217	3.2944
Propane	C3:	5.8244	1.6042
Iso-Butane	IC4:	0.8710	0.2849
Nor-Butane	NC4:	2.0754	0.6541
Iso-Pentane	IC5:	0.5345	0.1954
Nor-Pentanes	NC5:	0.5937	0.2151
Hexanes Plus	C6+:	1.0227	0.4446
Totals		100.0000	6.6929

Pressure Base: 14.730  
Real BTU Dry: 1323.997  
Real BTU Wet: 1301.012  
  
Calc. Ideal Gravity: 0.7707  
Calc. Real Gravity: 0.7735  
Field Gravity:  
Standard Pressure: 14.696  
Ideal BTU Dry: 1315.558  
Ideal BTU Wet: 1292.668  
Z Factor: 0.9959  
Average Mol Weight: 22.3204  
Average CuFt/Gal: 54.0900  
26 lb. Product: 1.3183  
Ethane+ GPM: 6.6929  
Propane+ GPM: 3.3985  
Butane+ GPM: 1.7943  
Pentane+ GPM: 0.8552

Remarks:  
H2S IN GAS STREAM ON LOCATION: NONE DETECTED

Analysis By: Don Norman