

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.***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 <input checked="" type="checkbox"/> Contact: CRISTEN BURDELL E-Mail: cburdell@cimarex.com	6. If Indian, Allottee or Tribe Name
3a. Address 202 S. CHEYENNE AVE STE 1000 TULSA, OK 74103	7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 918-560-7038	8. Well Name and No. DOUBLE X 25 FEDERAL 4H <input checked="" type="checkbox"/>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 25 T24S R32E 330FNL 2055FWL <input checked="" type="checkbox"/>	9. API Well No. 30-025-40690 <input checked="" type="checkbox"/>
	10. Field and Pool, or Exploratory WC-025 G-07 5243225C
	11. County or Parish, and State LEA COUNTY 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"/> Production (Start/Resume)
	<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"/> 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 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 #273890 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Hobbs Committed to AFMSS for processing by LINDA JIMENEZ on 05/04/2015 ()	
Name (Printed/Typed) CRISTEN BURDELL	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 10/27/2014
Accepted for Record THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By <i>James A. Jones</i>	Title SPET
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.	Date 4-10-16
	Office CPO
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.	

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

MAY 06 2016

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	C02:	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