

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.**


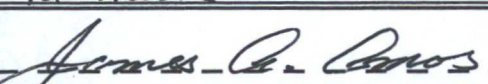
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM0202296
2. Name of Operator CIMAREX ENERGY COMPANY <input checked="" type="checkbox"/> Contact: CRISTEN BURDELL E-Mail: cburdell@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 202 S. CHEYENNE AVE STE 1000 TULSA, OK 74103	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 10 T21S R32E NENE 660FNL 330FEL <input checked="" type="checkbox"/>		8. Well Name and No. HAT MESA 10 FED 2H <input checked="" type="checkbox"/>
		9. API Well No. 30-025-40365 <input checked="" type="checkbox"/>
		10. Field and Pool, or Exploratory WILDCAT
		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 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 #300283 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Hobbs Committed to AFMSS for processing by LINDA JIMENEZ on 05/07/2015 ()	
Name (Printed/Typed) CRISTEN BURDELL	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 05/04/2015 
Accepted for Record THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By 	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.	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 



LABORATORY SERVICES
Natural Gas Analysis

www.permianls.com

575.397.3713 2609 W Marland Hobbs NM 88240

For: Cimarex Energy
Attention: Mark Cummings
600 N. Marienfeld, Suite 600
Midland, Texas 79701

Sample: Meter Run
Identification: Hat Mesa 10 Fed. 2H
Company: Cimarex Energy
Lease:
Plant:

Sample Data: Date Sampled 4/6/2012
Analysis Date 4/9/2012
Pressure-PSIA 33.9
Sample Temp F 101.3
Atmos Temp F 77

Sampled by: K. Hooten/Gas Meas.
Analysis by: Vickie Sullivan

H2S = 0.4 PPM

Component Analysis

		Mol Percent	GPM
Hydrogen Sulfide	H2S	0	
Nitrogen	N2	3.416	
Carbon Dioxide	CO2	0.257	
Methane	C1	71.890	
Ethane	C2	12.818	3.419
Propane	C3	6.800	1.869
I-Butane	IC4	0.784	0.256
N-Butane	NC4	2.040	0.641
I-Pentane	IC5	0.423	0.154
N-Pentane	NC5	0.519	0.188
Hexanes Plus	C6+	<u>1.053</u>	<u>0.456</u>
		100.000	6.983

REAL BTU/CU.FT.

At 14.65 DRY 1309.1
At 14.65 WET 1286.3
At 14.696 DRY 1313.2
At 14.696 WET 1290.9
At 14.73 DRY 1316.2
At 14.73 Wet 1293.5

Specific Gravity

Calculated 0.7858

Molecular Weight

22.7580