Form 3160-5
(August 2007)

OCD Hobbs

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

5. Lease Serial No.
NMNM0392082A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
HALLERTAU 5 FEDERAL 1H

2. Name of Operator
CIMAREX ENERGY COMPANY
Contact: CRISTEN BURDELL
E-Mail: cburdell@cimarex.com

9. API Well No.
30-025-40436

3a. Address
202 S. CHEYENNE AVE STE 1000
TULSA, OK 74103

3b. Phone No. (include area code)
Ph: 918-560-7038

10. Field and Pool, or Exploratory
WILDCAT

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 5 T26S R32E SESE 330FSL 330FEL

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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 #273969 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 James A. Amos — Title SPET — Date 4-10-16

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 CFO

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

3/19/2014 2:39 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: HALLERTAU "5" FEDERAL #1H INJECTION
Station Number: NIW
Purpose: SEMI-ANNUAL
Sample Deg. F: 60.4
Volume/Day:
Formation:
Line PSIG: 898.4
Line PSIA: 911.6

Run No: 2140307-09
Date Run: 03/07/2014
Date Sampled: 02/13/2014
Producer: CIMAREX ENERGY CO.
County: LEA
State: NM
Sampled By: DEREK SAUDER
Atmos Deg. F: 80.7

Pressure Base: 14.730
Real BTU Dry: 1187.732
Real BTU Wet: 1167.113

Calc. Ideal Gravity: 0.7643
Calc. Real Gravity: 0.7668
Field Gravity:
Standard Pressure: 14.696
Ideal BTU Dry: 1180.709
Ideal BTU Wet: 1160.165
Z Factor: 0.9964
Average Mol Weight: 22.1356
Average CuFt/Gal: 55.2797
26 lb. Product: 0.7347
Ethane+ GPM: 5.2563
Propane+ GPM: 2.4289
Butane+ GPM: 1.0656
Pentane+ GPM: 0.4675

GAS COMPONENTS

		MOL%	GPM
Oxygen	O_2:	0.0000	
Carbon Dioxide	CO_2:	5.2267	
Nitrogen	N_2:	1.5383	
Hydrogen Sulfide	H_2S:	0.0000	
Methane	C1:	74.6774	
Ethane	C2:	10.5748	2.8274
Propane	C3:	4.9495	1.3632
Iso-Butane	IC4:	0.5968	0.1952
Nor-Butane	NC4:	1.2782	0.4029
Iso-Pentane	IC5:	0.2559	0.0935
Nor-Pentanes	NC5:	0.2533	0.0918
Hexanes Plus	C6+:	0.6491	0.2822
Totals		100.0000	5.2563

Remarks:
H2S IN GAS STREAM ON LOCATION: NONE DETECTED

Analysis By: Don Norman