

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. NMNM12568A
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 1 T19S R32E NWNE 330FNL 1916FEL <input checked="" type="checkbox"/>		8. Well Name and No. BONDURANT FED 12H <input checked="" type="checkbox"/>
10. Field and Pool, or Exploratory TONTOK; BONE SPRING WEST		9. API Well No. 30-025-40182 <input checked="" type="checkbox"/>
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 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 #273882 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 <i>SPET</i> Date <i>4-10-16</i>
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 <i>CFO</i>
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

Bondurant 1 Federal 12H



Laboratory Services, Inc.

2609 West Marland
Hobbs, New Mexico 88240

Telephone: (575) 397-3713

FOR: Cimarex Energy
Attention: Mark Bishop
600 N. Marlenfeld, Suite 600
Midland, Texas 79701

SAMPLE:
IDENTIFICATION Bondurant Fed #12 H
COMPANY: Cimarex Energy
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 1/18/12 1:50 pm
ANALYSIS DATE: 1/19/12
PRESSURE - PSIA 44.5
SAMPLE TEMP. °F 78
ATMOS. TEMP. °F 69

GAS (XX) LIQUID ()
SAMPLED BY: Mark Bishop
ANALYSIS BY: Vickie Sullivan

REMARKS: H₂S = 0

COMPONENT ANALYSIS

COMPONENT		MOL PERCENT	GPM
Hydrogen Sulfide (H ₂ S)		0.000	
Nitrogen (N ₂)		3.130	
Carbon Dioxide (CO ₂)		4.005	
Methane (C ₁)		69.156	
Ethane (C ₂)		10.928	2.916
Propane (C ₃)		6.453	1.774
I-Butane (IC ₄)		0.813	0.265
N-Butane (NC ₄)		2.388	0.751
I-Pentane (IC ₅)		0.682	0.249
N-Pentane (NC ₅)		0.784	0.283
Hexane Plus (C ₆ +)		1.661	0.721

100.000

6.959

BTU/CU.FT. - DRY 1302
AT 14.650 DRY 1298
AT 14.650 WET 1276
AT 14.73 DRY 1305
AT 14.73 WET 1283

MOLECULAR WT. 24.2133

SPECIFIC GRAVITY -
CALCULATED 0.840
MEASURED