

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.

5. Lease Serial No.
NMNM4314

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1. Type of Well /
 Oil Well Gas Well Other

8. Well Name and No.
PIPELINE B5 FEDERAL 2 /

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

9. API Well No.
30-025-38044 /

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

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

10. Field and Pool, or Exploratory
E-K; BONESPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 5 T19S R34E 1650FSL 1980FWL /

APR 18 2016

11. County or Parish, and State
LEA COUNTY COUNTY, NM

RECEIVED

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 recomplate 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 #273855 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 R. Sims* Title *SAET* 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 *CRD*

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 ****

KS
MAY 06 2016
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Analytical Laboratory Report for:
CIMAREX ENERGY COMPANY



Chemical Services

Account Representative:
Hanson, Lavell

Production Water Analysis

Listed below please find water analysis report from: PIPELINE B5 FEDERAL, #2

Lab Test No: 2007152973 Sample Date: 11/08/2007
Specific Gravity: 1.101
TDS: 153688
pH: 7.10

Cations:	mg/L	as:
Calcium	1588	(Ca ⁺⁺)
Magnesium	377	(Mg ⁺⁺)
Sodium	50351	(Na ⁺)
Iron	11.07	(Fe ⁺⁺)
Potassium	1691.2	(K ⁺)
Barium	0.51	(Ba ⁺⁺)
Strontium	121.12	(Sr ⁺⁺)
Manganese	0.63	(Mn ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	549	(HCO ₃ ⁻)
Sulfate	1600	(SO ₄ ⁼)
Chloride	97400	(Cl ⁻)
Gases:		
Carbon Dioxide	170	(CO ₂)
Hydrogen Sulfide	17	(H ₂ S)