

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
NMNM96208

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
TAOS FEDERAL 42. Name of Operator
CIMAREX ENERGY COMPANYContact: CRISTEN BURDELL
E-Mail: cburdell@cimarex.com9. API Well No.
30-015-412703a. Address
202 S. CHEYENNE AVE STE 1000
TULSA, OK 741033b. Phone No. (include area code)
Ph: 918-560-703810. Field and Pool, or Exploratory
WILLOW LAKE; BONESPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 31 T24S R27E 275FSL 630FEL

11. County or Parish, and State

EDDY 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 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

12/21/15
Accepted for record
NMOCD

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 18 2015

RECEIVED

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #273849 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by LINDA DENNISTON on 01/13/2015 ()**

Name (Printed/Typed) CRISTEN BURDELL

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/27/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

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

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 ****



LABORATORY SERVICES
Natural Gas Analysis

www.permianls.com

575.397.3713 2609 W Marland Hobbs NM 88240

Taos Fed 4H

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

Sample: Sta. # NCW9775149
Identification: Taos Fed. #4 Ck
Company: Cimarex Energy
Lease:
Plant:

Sample Data: Date Sampled 6/17/2014 11:30 AM
Analysis Date 6/20/2014
Pressure-PSIA 38
Sample Temp F 83.7
Atmos Temp F 93

Sampled by: C. Evans
Analysis by: Vicki McDaniel

H2S = 0.1 PPM

Component Analysis

		Mol Percent	GPM
Hydrogen Sulfide	H2S		
Nitrogen	N2	1.284	
Carbon Dioxide	CO2	0.227	
Methane	C1	82.250	
Ethane	C2	9.252	2.468
Propane	C3	3.884	1.067
I-Butane	IC4	0.509	0.166
N-Butane	NC4	1.195	0.376
I-Pentane	IC5	0.334	0.122
N-Pentane	NC5	0.381	0.138
Hexanes Plus	C6+	<u>0.684</u>	<u>0.296</u>
		100.000	4.633

REAL BTU/CU.FT.		Specific Gravity	
At 14.65 DRY	1211.7	Calculated	0.7007
At 14.65 WET	1190.5		
At 14.696 DRY	1215.5		
At 14.696 WET	1194.7	Molecular Weight	20.2929
At 14.73 DRY	1218.2		
At 14.73 Wet	1197.2		