

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
Artesia

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.
NMNM19423

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.
NMNM134951

8. Well Name and No.
COTTONWOOD DRAW 22 FEDERAL COM

9. API Well No.
30-015-39890-00-S1

10. Field and Pool, or Exploratory
WILDCAT

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
CIMAREX ENERGY COMPANY OF CO
Contact: RHONDA SHELDON
Mail: rsheldon@cimarex.com

3a. Address
202 S CHEYENNE AVE SUITE 1000
TULSA, OK 74103.4346

3b. Phone No. (include area code)
Ph: 918-295-1709

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 22 T25S R26E SESE 300FSL 793FEL
32.108867 N Lat, 104.274531 W Lon

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.)

Please see the attachment for the requested analysis.

Note: No H2S

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 26 2016

RECEIVED

Accepted for record
NMOCD

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #331711 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad Committed to AFMSS for processing by JENNIFER SANCHEZ on 04/18/2016 (16JAS1459SE)

Name (Printed/Typed) RHONDA SHELDON Title REGULATORY TECHNICIAN

Signature (Electronic Submission) Date 02/17/2016

ACCEPTED FOR RECORD

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 _____

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****



LABORATORY SERVICES

Chemical Base Analytical

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: Sta. # 309588450S
 Identification: Cotton Draw 22-12 Suct
 Company: Cimarex Energy
 Lease:
 Plant:

Sample Data: Date Sampled 7/24/2014 10:30 AM
 Analysis Date 8/1/2014
 Pressure-PSIA 196
 Sample Temp F 109
 Atmos Temp F 88

Sampled by: K. Hooten
 Analysis by: Vicki McDaniel

H2S =

Component Analysis

		Mol Percent	GPM
Hydrogen Sulfide	H2S		
Nitrogen	N2	1.158	
Carbon Dioxide	CO2	0.326	
Methane	C1	80.014	
Ethane	C2	10.994	2.933
Propane	C3	4.788	1.316
I-Butane	IC4	0.516	0.168
N-Butane	NC4	1.351	0.425
I-Pentane	IC5	0.214	0.078
N-Pentane	NC5	0.287	0.104
Hexanes Plus	C6+	0.352	0.152
		100.000	5.176

REAL BTU/CU.FT. Specific Gravity

At 14.65 DRY 1222.5 Calculated 0.7077

At 14.65 WET 1201.1

At 14.696 DRY 1226.3

At 14.696 WET 1205.4 Molecular Weight 20.4958

At 14.73 DRY 1229.1

At 14.73 Wet 1207.9