

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.
NMNM104661

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.
NMNM120212

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.
TRINITY 20 FEDERAL COM 2

2. Name of Operator

CIMAREX ENERGY COMPANY OF CO

Contact: CRISTEN BURDELL

E-Mail: cburdell@cimarex.com

9. API Well No.

30-015-34500-00-S2

3a. Address

600 NORTH MARIENFELD STREET SUITE 600
MIDLAND, TX 79701

3b. Phone No. (include area code)

Ph: 918-560-7038

10. Field and Pool, or Exploratory
SAGE DRAW

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

Sec 20 T25S R26E NWSW 1980FSL 660FWL

11. County or Parish, and State

EDDY 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

NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 17 2014

UD 11/21/14
Accepted for record
NMOC

RECEIVED

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

Electronic Submission #273840 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad
Committed to AFMSS for processing by JAMES AMOS on 11/12/2014 (15JA0078SE)

Name (Printed/Typed) CRISTEN BURDELL

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/27/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USEApproved By **ACCEPTED**JAMES A AMOS
Title SUPERVISORY PET

Date 11/12/2014

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 Carlsbad

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 ****

Natural Gas Analysis Report

AKM Measurement Services

Trinity 20 Fed COM 2

Sample Information

Sample Information	
Sample Name	Trinity 20 #2(Trinity #2)
Injection Date	2014-07-10 17:50:22

Component Results

Component Name	Norm%	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	0.9107	0.000
Methane	88.8720	0.000
CO2	0.1412	0.000
Ethane	6.6279	1.777
H2S	0.0000	0.000
Propane	1.9230	0.531
iso-Butane	0.3728	0.122
n-Butane	0.5370	0.170
iso-Pentane	0.1818	0.067
n-Pentane	0.1522	0.055
Hexanes Plus	0.2814	0.122
Water	0.0000	0.000
Total:	100.0000	2.844

Results Summary

Result	Dry	Sat
Pressure Base (psia)	14.730	
Flowing Temperature (Deg. F)	88.0	
Flowing Pressure (psia)	956.0	
Gross Heating Value (BTU / Real cu.ft.)	1126.3	1107.1
Relative Density (G), Real	0.6384	0.6384
Total GPM	2.844	2.895
Total Molecular Weight	18.447	18.440