



4879G	NCP9775260	coter 6-31 Fed Com 7-43-44H CDP C	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2021042132	0739	Jason F - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
May 29, 2021 11:30	May 29, 2021 11:30	Jun 2, 2021 09:30	Jun 2, 2021
Date Sampled	Date Effective	Date Received	Date Reported
91.00	5,748.20	Torrance	79 @ 102
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Cimarex Energy	NG		
Operator	Lab Source Description		

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	0.9160	0.91639	
CO2 (CO2)	0.1290	0.12914	
Methane (C1)	78.5910	78.5896	
Ethane (C2)	10.9450	10.9446	2.9260
Propane (C3)	4.8420	4.84223	1.3340
I-Butane (IC4)	0.7550	0.75508	0.2470
N-Butane (NC4)	1.7420	1.74199	0.5490
I-Pentane (IC5)	0.4700	0.4703	0.1720
N-Pentane (NC5)	0.5380	0.53824	0.1950
Hexanes Plus (C6+)	1.0720	1.07243	0.4650
TOTAL	100.0000	100.0000	5.8880

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

## Analyzer Information

Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	May 24, 2021

## Gross Heating Values (Real, BTU/ft³)

14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,290.5	1,269.5	1,293.5	1,272.4

## Calculated Total Sample Properties

GPA2145-16 \*Calculated at Contract Conditions

Relative Density Real	Relative Density Ideal
0.7458	0.7433
Molecular Weight	
21.5250	

## C6+ Group Properties

Assumed Composition

C6 - 60.000% C7 - 30.000% C8 - 10.000%

Field H2S  
0 PPM

## PROTREND STATUS:

Passed By Validator on Jun 2, 2021

## DATA SOURCE:

Imported

## PASSED BY VALIDATOR REASON:

Close enough to be considered reasonable.

## VALIDATOR:

Dustin Armstrong

## VALIDATOR COMMENTS:

OK

SCOTER 6-31 FED COM CDP FLARE		Digital (gas)			
		6/11/2021	6/10/2021	6/9/2021	6/8/2021
Static	(PSI)	84	76	153	76
Differential	(In H2O)	0	0	2	0
Gas Flowed	(MCF)	0.0	31.0	60.0	0.0
MeterFlareReason				CURTAILMENT - X	
Comments (F5)				high line pressure	

**District I**

1625 N. French Dr., Hobbs, NM 88240  
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**District II**

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Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 31511

**QUESTIONS**

Operator: CIMAREX ENERGY CO. 600 N. Marienfeld Street Midland, TX 79701	OGRID: 215099
	Action Number: 31511
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS****Determination of Reporting Requirements**

Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.

Was or is this venting or flaring caused by an emergency or malfunction	Yes
Did or will this venting or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a notification of a major venting or flaring	Yes, minor venting or flaring of natural gas.
<b>The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.13.297 NMAC.</b>	
Was there or will there be at least 50 MCF of natural gas vented or flared during this event	Yes
Did this venting or flaring result in the release of ANY liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No

**Unregistered Facility Site**

Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (##) yet.

Facility or Site Name	SCOTER 6-31 FED COM CDP FLARE
Facility Type	Flare Stack - (FS)

**Equipment Involved**

Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

**Representative Compositional Analysis of Vented or Flared Natural Gas**

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	79
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	0
Oxygen (O2) percentage, if greater than one percent	0
<b>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</b>	
Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

**Date(s) and Time(s)**

Date venting or flaring was discovered or commenced	06/09/2021
Time venting or flaring was discovered or commenced	07:15 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	06/10/2021
Time venting or flaring was terminated	01:00 AM
Total duration of venting or flaring in hours, if venting or flaring has terminated	2
Longest duration of cumulative hours within any 24-hour period during this event	1

**Measured or Estimated Volume of Vented or Flared Natural Gas**

Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure   Gas Compressor Station   Natural Gas Flared   Spilled: 91 Mcf   Recovered: 0 Mcf   Lost: 91 Mcf ]
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Not answered.
Is this a gas only submission (i.e. only Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

**Venting or Flaring Resulting from Downstream Activity**

Was or is this venting or flaring a result of downstream activity	Yes
Date notified of downstream activity requiring this venting or flaring	Not answered.
Time notified of downstream activity requiring this venting or flaring	Not answered.

**Steps and Actions to Prevent Waste**

For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	Midstream compressor issues due to overheating due to summer heat, they were uncontrolled and unpredictable.
Steps taken to limit the duration and magnitude of venting or flaring	Hot weather has given us more issues with our compression. We are actively working the get it fixed, but we still have the occasional upset. Most of this flaring is immediately when the compressor shuts down or right after kicking the wells off. We hope to get these compression issues resolved soon.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	We are trying to do what we can with our alarming system, etc to try and shut the wells in if midstream makes us flare for too long.

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CONDITIONS  
  
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Operator: CIMAREX ENERGY CO. 600 N. Marienfeld Street Midland, TX 79701	OGRID: 215099
	Action Number: 31511
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
system	If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event.	6/11/2021