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575.397.3713 2609 W Marland Hobbs NM 88240

C6+ Gas Analysis Report

6072G		NCP9728005		Hallertav 5 Fed 4H CDP Check	
Sample Point Code		Sample Point Name		Sample Point Location	
Laboratory Services		2019021789		1437	
Source Laboratory		Lab File No		Container Identity	
USA		USA		USA	
District		Area Name		Field Name	
Sep 18, 2019 11:20		Sep 18, 2019 11:20		Sep 24, 2019 11:38	
Date Sampled		Date Effective		Date Received	
87.00		700.20		Torrance	
Ambient Temp (°F)		Flow Rate (Mcf)		Analyst	
				78 @ 104	
				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)	0.9940	0.99448	
CO2 (CO2)	1.7740	1.77428	
Methane (C1)	75.4140	75.41304	
Ethane (C2)	11.2200	11.21958	3.0000
Propane (C3)	5.7430	5.74311	1.5820
I-Butane (IC4)	0.9250	0.92506	0.3030
N-Butane (NC4)	2.1290	2.12939	0.6710
I-Pentane (IC5)	0.4880	0.48755	0.1780
N-Pentane (NC5)	0.5450	0.54507	0.1980
Hexanes Plus (C6+)	0.7680	0.76844	0.3330
TOTAL	100.0000	100.0000	6.2650

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:	Sep 24, 2019

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 °F		14.73 PSI @ 60.00 °F	
Dry	Saturated	Dry	Saturated
1,289.5	1,268.5	1,292.5	1,271.4

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.7728	0.7700
Molecular Weight	
22.2997	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S
0.2 PPM

PROTREND STATUS:

Passed By Validator

DATA SOURCE:

Imported

PASSED BY VALIDATOR REASON:

Close enough to be considered reasonable.

VALIDATOR:

Dustin Armstrong

VALIDATOR COMMENTS:

OK



Coterra Energy Inc.
Corporate Headquarters
Three Memorial City Plaza
840 Gessner Road
Suite 1400
Houston, TX 77024

T 281-589-4600
F 281-589-4955
coterra.com

Release Quantity Calculation / Reporting Requirement

SELECT FACILITY →		Display Name	HALLERTAU 5 FED COM 1H,3H,4H	Updated per Facility Selection	
Facility:	HALLERTAU 5 FED COM 1H,3H,4H			H2S per Permit (ppm):	0
Date/Time Discovered:		Time Discovered:	12:00:00 AM	State:	NM
Date/Time Started:	12/4/24 12:55 PM	Time Event Started:	12:55:00 PM	Latitude:	32.06587
Date/Time Ended:	12/4/24 6:00 PM	Time Event Ended:	6:00:00 PM	Longitude:	-103.70368
Event Duration (hrs):	5.083			Permit Type:	NM-NOI
Event Duration (days):	1.000			Accumulated Malfunctions VOC (TPY):	
Ambient Temperature (F):					
Cause (if known):	We took the HP Flare out of service awhile back by closing off the flare line. We closed the outlet valve of the flare scrubber and LOTO. We didn't identify that outlet of the sales scrubber there are 2 BPVs one that went to sales and another that went to flare scrubber that was rated for 125#. When ETC shut the valve on the sales line pressure built up to 175# which is way out of the norm BPV to Flare opened at 175# (Old flare Setpoint) and because gas outlet of flare scrubber was shut caused the PSV to go off on flare scrubber at 125#.				
No. of Events:					
Notes:					
Corrective Action:	Had the pumper shut and loto valve before flare scrubber. Will get a crew to go buy and remove piping and blind flare line off.				

Intermediate flaring:

Event Date	Volume Flowed (mcf)	Duration (hrs)
12/04/2024	94	5.0

Details:

[36785] DCP OPERATING COMPANY– Dump valve malfunction, Midstream & Marketing to Evaluate

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

DEFINITIONS

Action 413627

DEFINITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 413627
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

<p>For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:</p> <ul style="list-style-type: none">• this application's operator, hereinafter "this operator";• venting and/or flaring, hereinafter "vent or flare";• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";• the statements in (and/or attached to) this, hereinafter "the statements in this";• and the past tense will be used in lieu of mixed past/present tense questions and statements.

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QUESTIONS

Action 413627

QUESTIONS

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QUESTIONS

Prerequisites <i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	Unavailable.
Incident Facility	[fAPP2200544515] HALLERTAU 5 FEDERAL 1H, 3H, & 4H

Determination of Reporting Requirements <i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
Was this vent or flare caused by an emergency or malfunction	No
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a vent or flare event	Yes, minor venting and/or flaring of natural gas.
<i>An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.</i>	
Was there at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare 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
Was the vent or flare within an incorporated municipal boundary or within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	Tank (Any)
Additional details for Equipment Involved. Please specify	Not answered.

Representative Compositional Analysis of Vented or Flared Natural Gas <i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	75
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	2
Oxygen (O2) percentage, if greater than one percent	0
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
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.

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QUESTIONS, Page 2

Action 413627

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	12/04/2024
Time vent or flare was discovered or commenced	12:30 PM
Time vent or flare was terminated	05:00 PM
Cumulative hours during this event	5

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Normal Operations Tank (Any) Natural Gas Vented Released: 94 Mcf Recovered: 0 Mcf Lost: 94 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
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 significant Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

Venting or Flaring Resulting from Downstream Activity	
Was this vent or flare a result of downstream activity	No
Was notification of downstream activity received by this operator	Not answered.
Downstream OGRID that should have notified this operator	Not answered.
Date notified of downstream activity requiring this vent or flare	Not answered.
Time notified of downstream activity requiring this vent or flare	Not answered.

Steps and Actions to Prevent Waste	
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control.	True
Please explain reason for why this event was beyond this operator's control	Normal operations, pressure event from ETC shutting sales line
Steps taken to limit the duration and magnitude of vent or flare	MINIMIZED VENTING EVENT
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	MIDSTREAM AND MARKETING TO EVALUATE

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ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
<input checked="" type="checkbox"/>	I hereby certify the statements in this report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
<input checked="" type="checkbox"/>	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
<input checked="" type="checkbox"/>	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
adolby01	If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	12/18/2024