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575.397.3713 2609 W MARLAND HOBBS, NEW MEXICO 88240

EXTENDED GAS REPORT SUMMARY OF CHROMATOGRAPHIC ANALYSIS

Sample Name: Parkway 15-14 North State Com 1H Alloc
Sample Date: 04/19/2023
Sampled By: NK
Time Sampled: 9:30
Sample Temp: 91.0 F
Sample Press: 137.6

H₂S (PPM) = 0.0

For: 12396G
Identification: 2023068887
Company: Coterra Energy
Analysis Date: 05/24/2023
Analysis By: BH
Data File: LS_8347.D

Component	Mole%	GPM REAL	GPM IDEAL	*HEXANES PLUS SUMMARY	
H ₂ S	0.000			AVG MOLE WT	92.807
Nitrogen	3.373			API GRAVITY @ 60F	64.5
Methane	71.525			SPECIFIC GRAVITY	
CO ₂	0.031			AIR = 1 (IDEAL):	3.190
Ethane	13.604	3.637	3.629	H ₂ O = 1 (IDEAL):	0.722
Propane	6.871	1.892	1.888	COMPONENT RATIOS	
Isobutane	0.799	0.261	0.261	HEXANES (C6) MOLE%	37.529
N-Butane	2.040	0.643	0.641	HEPTANES (C7) MOLE%	38.069
Isopentane	0.443	0.162	0.162	OCTANES (C8) MOLE%	17.540
N-Pentane	0.480	0.174	0.174	NONANES+ (C9) MOLE%	6.862
Hexanes	0.317	0.128	0.339		
Heptanes	0.317	0.119	0.118		
Octanes	0.147	0.067	0.066		
Nonanes+	0.053	0.027	0.027		
Total	100.000	7.110	7.094	HEXANES (C6) WT%	34.420

Remarks/ A_i NR=NOT REPORTED ON FIELD TAG

HEPTANES (C7) WT%	36.838
OCTANES (C8) WT%	19.400
NONANES+ (C9) WT%	9.342

CALCULATED PARAMETERS

TOTAL ANALYSIS SUMMARY

MOLE WT: 22.643
VAPOR PRESS PSIA: 3699.9
SPECIFIC GRAVITY
AIR = 1 (REAL): 0.7844
AIR = 1 (IDEAL): 0.7816
H₂O = 1 (IDEAL): 0.366

REPORTED BASIS: 14.73
Unnormalized Total: 98.760

HEATING VALUE

BTU/CUFT (DRY) 1315.7
BTU/CUFT (WET) 1293.3

BTEX SUMMARY

WT% BENZENE 5.630
WT% TOLUENE 3.144
WT% E BENZENE 0.275
WT% XYLENES 1.515

Agilent 7890B (config. By Wasson ECE)
Last Calib./Verification 5/22/2023

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Navigators:		35823 PARKWAY 15-14 NORTH STATE CDP LP FLARE						
Company	Search	Connections	Diagram	Route	Map			
35823								
Merrick ID	Name							
7470	LITTLE SIOUX UNIT 2 35823-2							
35823	PARKWAY 15-14 NORTH STATE CDP LP FLARE							

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

DEFINITIONS

Action 381362

DEFINITIONS

Operator: CIMAREX ENERGY CO. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 381362
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application: • 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 381362

QUESTIONS

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QUESTIONS

Prerequisites Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.	
Incident Well	Unavailable.
Incident Facility	[fAPP2124629673] PARKWAY 15-14 NORTH STATE

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 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	Yes
Is this considered a submission for a vent or flare event	Yes, minor venting and/or flaring of natural gas.
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.	
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 withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	Separator
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	72
Nitrogen (N2) percentage, if greater than one percent	3
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	0
Oxygen (O2) percentage, if greater than one percent	0
If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.	
Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 381362

QUESTIONS (continued)

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	Action Number: 381362
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	08/23/2024
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	12:00 AM
Cumulative hours during this event	24

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 Separator Natural Gas Flared Released: 191 Mcf Recovered: 0 Mcf Lost: 191 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 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	High Line Pressure
Steps taken to limit the duration and magnitude of vent or flare	MINIMIZED FLARE EVENT DURATION
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	MIDSTREAM AND MARKETING TO EVALUATE

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ACKNOWLEDGMENTS

Action 381362

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ACKNOWLEDGMENTS

☒	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.
☒	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.
☒	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.
☒	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.
☒	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.	9/6/2024