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EXTENDED GAS REPORT SUMMARY OF CHROMATOGRAPHIC ANALYSIS

Sample Name:	Parkway 16-17 State Com 4H Alloc	For:	16912G
Sample Date:	08/15/2023	Cyl. Ident.:	2023074548
Sampled By:	NK	Company:	Coterra Energy
Time Sampled:	09:30	Analysis Date:	09/01/2023
Sample Temp:	68.0 F	Analysis By:	BH
Sample Press:	138.6	Data File:	LS_8999.D

H2S (PPM) = 0.0

Component	Mole%	GPM REAL	GPM IDEAL
H2S	0.000		
Nitrogen	1.813		
Methane	75.697		
CO2	0.040		
Ethane	12.531	3.350	3.343
Propane	6.003	1.653	1.650
Isobutane	0.706	0.231	0.230
N-Butane	1.760	0.555	0.553
Isopentane	0.387	0.141	0.141
N-Pentane	0.422	0.153	0.153
Hexanes+	0.641	0.262	0.260
Total	100.000	6.345	6.330

CALCULATED PARAMETERS

TOTAL ANALYSIS SUMMARY

MOLE WT: 21.693
VAPOR PRESS PSIA: 3898.0
SPECIFIC GRAVITY
AIR = 1 (REAL): 0.7513
AIR = 1 (IDEAL): 0.7488
H2O = 1 (IDEAL): 0.355

REPORTED BASIS: 14.73
Unnormalized Total: 99.182

HEATING VALUE

BTU/CUFT (DRY) 1290.0
BTU/CUFT (WET) 1268.0

BTEX SUMMARY

WT% BENZENE 4.458
WT% TOLUENE 2.708
WT% E BENZENE 0.180
WT% XYLENES 1.082

LAB MANAGER

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Sample Name: Parkway 16-17 State Com 4H Alloc
Company: Coterra Energy

Data File: LS_8999.D***ANALYSIS OF HEXANES PLUS**

Component	MOLE%	WT%
2,2 DIMETHYL BUTANE	0.004	0.015
CYCLOPENTANE	0.032	0.115
2-METHYLPENTANE	0.079	0.313
3-METHYLPENTANE	0.043	0.170
HEXANE (C6)	0.105	0.401
DIMETHYLPENTANES	0.005	0.025
METHYLCYCLOPENTANE	0.058	0.224
2,2,3 TRIMETHYLBUTANE	0.000	0.001
BENZENE	0.027	0.096
CYCLOHEXANE	0.063	0.244
2-METHYLHEXANE	0.013	0.058
3-METHYLHEXANE	0.020	0.091
DIMETHYLCYCLOPENTANES	0.008	0.036
HEPTANE (C7)	0.029	0.136
METHYLCYCLOHEXANE	0.051	0.231
2,5 DIMETHYLHEXANE	0.001	0.004
TOLUENE	0.016	0.069
2-METHYLHEPTANE	0.007	0.039
OTHER OCTANES	0.022	0.120
OCTANE (C8)	0.008	0.041
ETHYLCYCLOHEXANE	0.003	0.016
ETHYL BENZENE	0.001	0.006
M,P-XYLENE	0.005	0.025
O-XYLENE	0.001	0.007
OTHER NONANES	0.005	0.034
NONANE (C-9)	0.004	0.022
IC3 BENZENE	0.001	0.005
CYCLOOCTANE	0.000	0.000
NC3 BENZENE	0.000	0.001
TM BENZENE(S)	0.001	0.008
IC4 BENZENE	0.000	0.001
NC4 BENZENE	0.000	0.002
DECANES + (C10+)	0.010	0.080

***HEXANES PLUS SUMMARY**

AVG MOLE WT	92.277
VAPOR PRESS PSIA	9.860
API GRAVITY @ 60F	65.6
SPECIFIC GRAVITY	
AIR = 1 (IDEAL):	2.975
H2O = 1 (IDEAL):	0.718

COMPONENT RATIOS

HEXANES (C6) MOLE%	40.298
HEPTANES (C7) MOLE%	37.499
OCTANES (C8) MOLE%	16.601
NONANES (C9) MOLE%	3.186
DECANES+ (C10+) MOLE%	2.416
HEXANES (C6) WT%	37.198
HEPTANES (C7) WT%	36.657
OCTANES (C8) WT%	18.483
NONANES (C9) WT%	4.040
DECANES+ (C10+) WT%	3.622

Remarks: NR=NOT REPORTED ON FIELD TAG

* Hexane+ portion calculated by Allocation Process



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Intermediate flaring:

Navigators:

Company

Search

Connections

Diagram

Route

Map

30150

Merrick ID

Name

8065

ELKHORN 2-17 1H 1230150000-1

1

8066

ELKHORN 2-17 1H 1230150000-2

1

8067

ELKHORN 2-17 1H 1230150000-3

1

8068

ELKHORN 2-17 1H 1230150000-4

1

30150

PARKWAY 17 STATE COM 6H FLARE

1

30150

PARKWAY 17 STATE COM 6H FLARE

Record Date	Gas Flowed	Hours Flowed	Meter Flare Reason	Static Pressure Psia	Differential Pressure	Meter Comments
4/22/2024	0.00	0		87	0	
4/21/2024	0.00	0		87	0	
4/20/2024	0.00	0		87	0	
4/19/2024	0.00	0		88	0	
4/18/2024	13.00	00:49		104	11	
4/17/2024	92.00	01:48	FACILITY ISSUES	87	76	casing unload
4/16/2024	0.00	0		59	0	
4/15/2024	0.00	0		63	0	
4/14/2024	0.00	0		63	0	

Event Date	Volume Flowed (mcf)	Duration (hrs)
4/16/2024	92	1.8

Details:

[36785] DCP OPERATING COMPANY, LP, PRESSURE RELIEF VALVE MALFUNCTION, MIDSTREAM AND MARKETING TO EVALUATE

District I
1625 N. French Dr., Hobbs, NM 88240
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District IV
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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

DEFINITIONS

Action 337706

DEFINITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 337706
	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: <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 337706

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 337706
	Action Type: [C-129] Venting and/or Flaring (C-129)

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	[fAPP2202780782] PARKWAY STATE 17 COM 5H

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	No
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	Valve
Additional details for Equipment Involved. Please specify	Pressure relief valve

Representative Compositional Analysis of Vented or Flared Natural Gas Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	76
Nitrogen (N2) percentage, if greater than one percent	2
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 337706

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 337706
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/16/2024
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	2

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Other Valve Natural Gas Vented Released: 92 Mcf Recovered: 0 Mcf Lost: 92 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	Pressure relief device activation due to vessel high 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 337706

ACKNOWLEDGMENTS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 337706
	Action Type: [C-129] Venting and/or Flaring (C-129)

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

Action 337706

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 337706
	Action Type: [C-129] Venting and/or Flaring (C-129)

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.	4/25/2024