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EXTENDED GAS REPORT
SUMMARY OF CHROMATOGRAPHIC ANALYSIS

Sample Name:	Cottonberry 20-2 Sales	**For:**	6088G
Sample Date:	04/02/2024	**Cyl. Ident.:**	2024089762
Sampled By:	Justin	**Company:**	Coterra
Time Sampled:	12:45	**Analysis Date:**	05/03/2024
Sample Temp:	73.0 F	**Analysis By:**	BH
Sample Press:	108.0 **H2S (PPM)** = 0.0	**Data File:**	LS1_0560.D

Component	Mole%	GPM REAL	GPM IDEAL
H2S	0.000		
Nitrogen	1.989		
Methane	78.880		
CO2	0.804		
Ethane	10.537	2.817	2.811
Propane	4.652	1.281	1.278
Isobutane	0.534	0.175	0.174
N-Butane	1.351	0.426	0.425
Isopentane	0.327	0.120	0.119
N-Pentane	0.360	0.130	0.130
Hexanes+	0.566	0.230	0.228
Total	100.000	5.179	5.165

CALCULATED PARAMETERS

TOTAL ANALYSIS SUMMARY

MOLE WT:	20.892
VAPOR PRESS PSIA:	4038.3
SPECIFIC GRAVITY	
AIR = 1 (REAL):	0.7234
AIR = 1 (IDEAL):	0.7212
H2O = 1 (IDEAL):	0.350
REPORTED BASIS:	14.73
Unnormalized Total:	99.059

HEATING VALUE

BTU/CUFT (DRY)	1224.0
BTU/CUFT (WET)	1203.2

BTEX SUMMARY

WT% BENZENE	6.144
WT% TOLUENE	3.406
WT% E BENZENE	0.413
WT% XYLENES	1.240

LAB MANAGER

LABORATORY SERVICES Natural Gas Analysis

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Sample Name: Cottonberry 20-2 Sales
Company: Coterra

Data File: LS1_0560.D

*ANALYSIS OF HEXANES PLUS

Component	MOLE%	WT%
2,2 DIMETHYL BUTANE	0.003	0.012
CYCLOPENTANE	0.028	0.104
2-METHYLPENTANE	0.076	0.312
3-METHYLPENTANE	0.040	0.166
HEXANE (C6)	0.090	0.370
DIMETHYLPENTANES	0.002	0.008
METHYLCYCLOPENTANE	0.047	0.189
2,2,3 TRIMETHYLBUTANE	0.000	0.000
BENZENE	0.037	0.137
CYCLOHEXANE	0.064	0.260
2-METHYLHEXANE	0.011	0.052
3-METHYLHEXANE	0.016	0.079
DIMETHYCYCLOPENTANES	0.000	0.000
HEPTANE (C7)	0.024	0.116
METHYLCYCLOHEXANE	0.044	0.207
2,5 DIMETHYLHEXANE	0.001	0.003
TOLUENE	0.019	0.084
2-METHYLHEPTANE	0.006	0.034
OTHER OCTANES	0.014	0.073
OCTANE (C8)	0.006	0.033
ETHYLCYCLOHEXANE	0.002	0.013
ETHYL BENZENE	0.002	0.008
M,P-XYLENE	0.005	0.024
O-XYLENE	0.001	0.006
OTHER NONANES	0.005	0.027
NONANE (C-9)	0.003	0.016
IC3 BENZENE	0.000	0.000
CYCLOOCTANE	0.001	0.003
NC3 BENZENE	0.000	0.001
TM BENZENE(S)	0.000	0.000
IC4 BENZENE	0.000	0.003
NC4 BENZENE	0.000	0.001
DECANES + (C10+)	0.007	0.066

*HEXANES PLUS SUMMARY

AVG MOLE WT	91.055
VAPOR PRESS PSIA	9.860
API GRAVITY @ 60F	65.0
SPECIFIC GRAVITY	
AIR = 1 (IDEAL):	2.975
H2O = 1 (IDEAL):	0.720

COMPONENT RATIOS

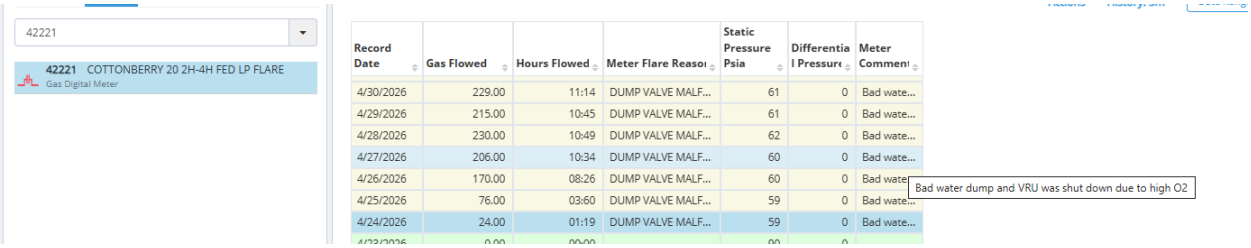
HEXANES (C6) MOLE%	41.774
HEPTANES (C7) MOLE%	37.511
OCTANES (C8) MOLE%	15.797
NONANES (C9) MOLE%	2.957
DECANES+ (C10+) MOLE%	1.961
HEXANES (C6) WT%	39.101
HEPTANES (C7) WT%	36.449
OCTANES (C8) WT%	17.659
NONANES (C9) WT%	3.759
DECANES+ (C10+) WT%	3.032

Remarks: spot

* Hexane+ portion calculated by Allocation Process

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



Intermediate flaring:

Event Date	Volume Flowed (mcf)	Duration (hrs)
04/25/2026	170	8.44

Details:

[226737] HUNTER GAS GATHERING INC, Dump valve malfunction, GET VRU BACK UP AND PURGE O2

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

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 582869
	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 582869

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 582869
	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	**[fAPP2201347719] COTTONBERRY 20 FEDERAL COM 2H, 3H & 4H**

Determination of Reporting Requirements	
Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide addional 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	*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	2
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	1
Oxygen (02) 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 (02) percentage quality requirement	*Not answered.*

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QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 582869
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/25/2026
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	8

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure | Dump Valve | Natural Gas Flared | Released: 170 Mcf | Recovered: 0 Mcf | Lost: 170 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	BAD WATER DUMP AND VRU WAS SHUT DOWN DUE TO HIGH O2
Steps taken to limit the duration and magnitude of vent or flare	MINIMIZE EVENT DURATION
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	GET VRU BACK UP AND PURGE O2

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ACKNOWLEDGMENTS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 582869
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit a *Venting and/or Flaring* (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

Operator:	OGRID:
Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	215099
	Action Number: 582869
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
aolivi	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.	5/7/2026