

Duration

3/5/24 9:20	Start Time
3/5/24 14:25	End Time
5	total release time (hr)
0.0	MSCF/hr - GPSA
134,800	SCF - Total Event

VOC Emission from Blowdown (TPY)

$P_1 \cdot V_1$	=	$P_2 \cdot V_2$	
Total SCF	=	134,800	SCF
Natural Gas (MW)	=	22.25	lb/lb-mole
1 lb-mole	=	379	SCF
		7,904	lb (total weight of natural gas released)
			= Total Gas (SCF) / 379.4 SCF/lb-mole x lb/lb-mole

Emission Speciation

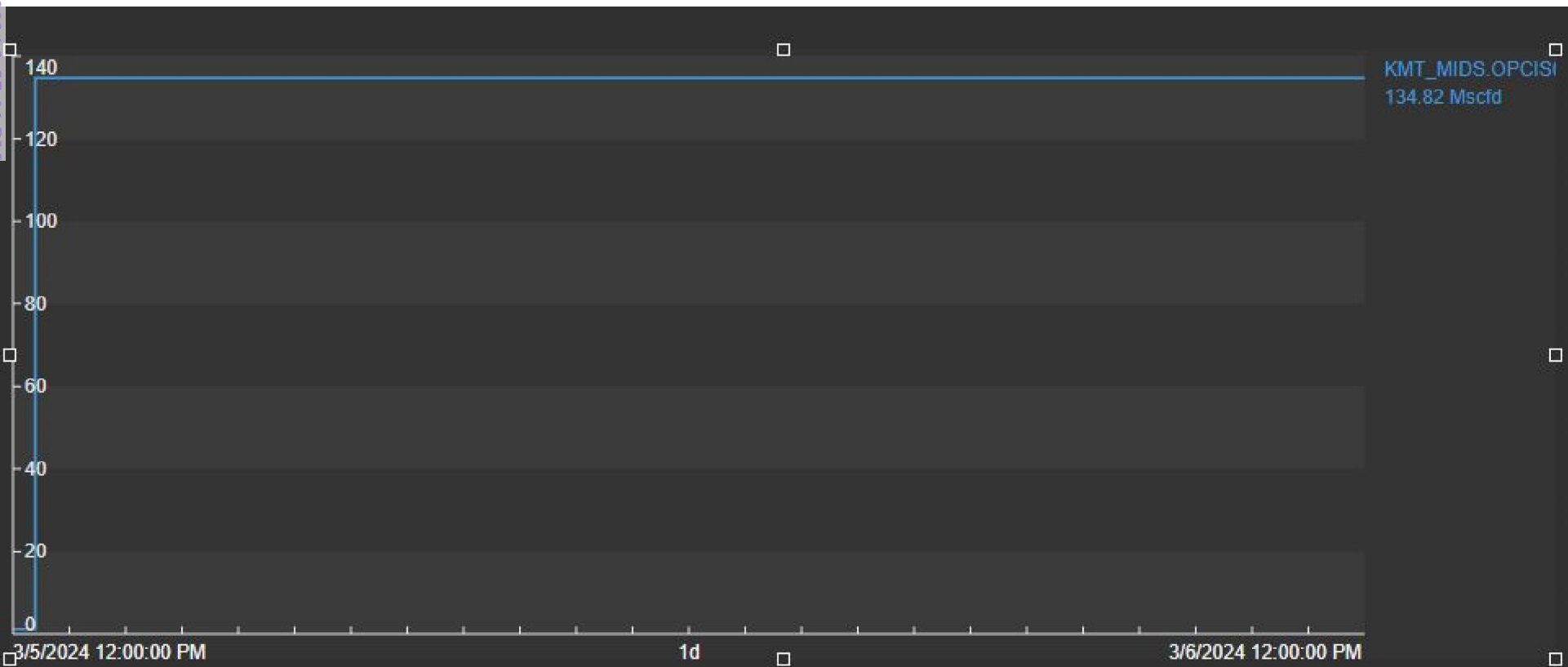
Data Source:	Calculated	Calculated	Calculated
Component	Compound Weight Fraction (speciated weight / total stream)	Compound Weight Percent	Total Emissions (lbs) Based on Volume Released
Water			
Hydrogen Sulfide	0.000	0.00%	0.00
Nitrogen	0.000	0.00%	0.00
Carbon Dioxide	0.000	0.00%	0.00
Methane	0.593	59.29%	4,686.39
Ethane	0.175	17.48%	1,381.78
Propane	0.120	12.01%	948.91
i-Butane	0.020	2.00%	158.00
n-Butane	0.020	2.00%	157.99
2,2 Dimethylpropane	0.000	0.00%	0.00
i-Pentane	0.009	0.94%	74.65
n-Pentane	0.010	0.95%	75.42
2,2-methyl Butane	0.000	0.00%	0.00
Cyclopentane	0.000	0.00%	0.00
2,3-methyl Butane	0.000	0.00%	0.00
2-methyl pentane	0.000	0.00%	0.00
3-methyl pentane	0.000	0.00%	0.00
n-Hexane	0.000	0.00%	0.00
methyl cyclopentane	0.000	0.00%	0.00
Benzene	0.000	0.00%	0.00
Cyclohexane	0.000	0.00%	0.00
2-methyl hexane	0.000	0.00%	0.00
Other C6's	0.000	0.00%	0.00
224 methyl pentane	0.000	0.00%	0.00
3,3 methyl pentane	0.000	0.00%	0.00
Heptanes	0.000	0.00%	0.00
methyl Cyclohexane	0.000	0.00%	0.00
Toluene	0.000	0.00%	0.00
Octanes Plus	0.000	0.00%	0.00
Octane	0.000	0.00%	0.00
e-Benzene	0.000	0.00%	0.00
Xylenes	0.000	0.00%	0.00
O-Xylene	0.000	0.00%	0.00
n-Nonane	0.000	0.00%	0.00
n-Nonane	0.000	0.00%	0.00
Other C10's	0.000	0.00%	0.00
n-Decane	0.000	0.00%	0.00
n-C11	0.000	0.00%	0.00
Totals	0.947	94.68%	7,483
VOC (total)		17.90%	1,415

(1) Source

*Total SCF of gas calculated by total MMscf/d vapors to combustor from tanks X 1000000 scf/MM X 1 day/24 hours = scf/hour

Equation:

Eq. 3-15	$Q = 578400 \times d^2 \times Y_{cr} \times (1/(T_f \times G))^0.5 \times P$
Eq. 3-16	$Y_{cr} = ((k/Z) \times (2/(k+1)))^{((k+1)/(k-1))} \times 0.5$
	Q= CFD
	P= Absolute Pressure
	Tf= Absolute Flowing Temperature (R)
	G= Specific Gravity
	Z= Z @ Flowing Conditions
	k= Ratio of Specific Heats



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DEFINITIONS

Action 322252

DEFINITIONS

Operator: DELAWARE BASIN MIDSTREAM, LLC 9950 Woodloch Forest Drive The Woodlands, TX 77380	OGRID: 314437
	Action Number: 322252
	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 322252

QUESTIONS

Operator: DELAWARE BASIN MIDSTREAM, LLC 9950 Woodloch Forest Drive The Woodlands, TX 77380	OGRID: 314437
	Action Number: 322252
	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	[fAPP2122957910] Delaware Basin Midstream, LLC - Gas Gathering PL

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	Yes
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	Other (Specify)
Additional details for Equipment Involved. Please specify	Launcher at Salado Draw

Representative Compositional Analysis of Vented or Flared Natural Gas Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	59
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	1
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 322252

QUESTIONS (continued)

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	Action Number: 322252
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	03/05/2024
Time vent or flare was discovered or commenced	09:20 AM
Time vent or flare was terminated	02:25 PM
Cumulative hours 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: Midstream Emergency Maintenance Valve Natural Gas Flared Released: 135 Mcf Recovered: 0 Mcf Lost: 135 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	Discharge line of a compressor station was taken off line to replaced broken discharge and bypass valves in launcher. Operator planned to purge line with Nitrogen and only vent Nitrogen to atmosphere. However, operation was unable to bring down the pressure of the launcher and discharge line. forced to route the line to the facility flare and atmosphere to safely fix the launcher.
Steps taken to limit the duration and magnitude of vent or flare	Gas was routed the flare to lower the magnitude of venting.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Operator will investigate why unable to bring pressure down using nitrogen.

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ACKNOWLEDGMENTS

Action 322252

ACKNOWLEDGMENTS

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	Action Number: 322252
	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 322252

CONDITIONS

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	Action Number: 322252
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
kschwenne	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.	3/18/2024