

BB Line Analysis and Calcs report 43882 04/23/2022 @ 13:16 04/23/2022 @ 015:16 (2hrs)

32.8409202 -103.5716494 DCP BB Line 639.807mcf

leak reported by producer

verified leak on DCP BB line

isolated line and blew down line segment

Composition	Parameter	Compound	Value	C	L	O	Serial Number
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Carbon Dioxide	= 6.1423 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Methane	= 62.6315 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Carbon Monoxide	= 0 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Hydrogen Sulfide	= 0.9016 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Hexane	= 0.188 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Butane	= 2.2281 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Pentane	= 0.4213 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Heptane	= 0.0999 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	n-Decane	= 0 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	n-Nonane	= 0.0005 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	n-Octane	= 0.024 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Nitrogen	= 3.7995 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Propane	= 8.4993 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Ethane	= 13.6504 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Isobutane	= 0.9778 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Isopentane	= 0.4558 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Water	= 0 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Argon	= 0 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Hydrogen	= 0 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Helium	= 0 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - DOBBS DISCHARGE - FlowCal Mole/h	Oxygen	= 0 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Event Mole% Consistency Check		= 100 mol %	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Gas Volume Flared		= 0 scf	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Gas Volume Vented		= 639.807 scf	✓	✓	✓	

# GHG Event Totals	Parameter	Compound	Value	C	L	O	Serial Number
ρ	04/23/22 01:16:00 pm - Manual Override Total Event - Speciated - GHG	Carbon Dioxide	= lb	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Manual Override Total Event - Speciated - GHG	Methane	= lb	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Manual Override Total Event - Speciated - N2O	Nitrous Oxide	= lb	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Vented Emissions - Speciated - GHG	Carbon Dioxide	= 4,559.776997 lb	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Vented Emissions - Speciated - GHG	Methane	= 16,948.447511 lb	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Combustion Product - CO2	Carbon Dioxide	= 0 lb	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Combustion Product - N2O	Nitrous Oxide	= 0 lb	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Reduced Product - CH4	Methane	= 0 lb	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Non-Reduced Product - CO2	Carbon Dioxide	= 0 lb	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Total Event - Speciated - GHG	Carbon Dioxide	= 4,559.776997 lb	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Total Event - Speciated - GHG	Methane	= 16,948.447511 lb	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Total Event - Speciated - GHG	Nitrous Oxide	= 0 lb	✓	✓	✓	
Event Totals	Parameter	Compound	Value	C	L	O	Serial Number
ρ	04/23/22 01:16:00 pm - Manual Override Total Emissions - VOCs		= lb	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Total Emissions - VOC		= 11,009.344718 lb	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Total Emissions - Criteria		= 0 lb	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Total Emissions - HAPs		= 273.279656 lb	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Total Emissions - TAPs		= 518.311004 lb	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Total Event Criteria + VOCs + TAPs		= 11,527.656221 lb	✓	✓	✓	
ρ	04/23/22 01:16:00 pm - Total Event Emissions All Compounds		= 41,754.84583 lb	✓	✓	✓	
Limit Criteria	Parameter	Compound	Value	C	L	O	Serial Number

Vol=3.14159 * (Dia / 12 / 2)^2 * Len * (StartPressure - EndPressure) /
14.7 / 1000

Dia=12, Len(ft)=28512.00,

StartPressure=420, EndPressure=0

Length In Miles: 5.4

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State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
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DEFINITIONS

Action 101184

DEFINITIONS

Operator: DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	OGRID: 36785
	Action Number: 101184
	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

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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	Not answered.
Incident Facility	[fAPP2123031660] DCP SE NM Gathering System

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	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, major 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 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	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	62
Nitrogen (N2) percentage, if greater than one percent	4
Hydrogen Sulfide (H2S) PPM, rounded up	1
Carbon Dioxide (CO2) percentage, if greater than one percent	6
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 101184

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/23/2022
Time vent or flare was discovered or commenced	01:16 PM
Time vent or flare was terminated	03:16 PM
Cumulative hours during this event	2

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Other Pipeline (Any) Natural Gas Vented Released: 640 Mcf Recovered: 0 Mcf Lost: 640 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	leak reported by producer
Steps taken to limit the duration and magnitude of vent or flare	verified leak on DCP BB line isolated line and blew down line segment
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	verified leak on DCP BB line isolated line and blew down line segment

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ACKNOWLEDGMENTS

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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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	Action Number: 101184
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
nlcase	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.	4/25/2022