

**Linam Ranch Plant Permit: P094-R3 32.688700 -103.285337**

**EHS Event 26551**

**MCF: 1027**

**Event:** Malfunction on raw inlet valve opened when pressure was below set point.

**Limit:** blocked in flare to stop flaring. called I/E to inspect control valve and IDP. Water was found and removed from IDP.

**Root Cause:** Unknown

**Start** 07/05/21 10:51:00 PM

**Discovery** 07/05/21 10:51:00 PM

**End** 07/05/21 11:07:00 PM

### GAS COMPOSTITION:

Composition	Parameter	Compound	Value
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Carbon Dioxide	= 1.1482 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Methane	= 73.6544 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Carbon Monoxide	= 0 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Hydrogen Sulfide	= 0.3308 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Hexane	= 0.1597 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Butane	= 1.554 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Pentane	= 0.3008 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Heptane	= 0.074 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		n-Decane	= 0 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		n-Nonane	= 0.0005 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		n-Octane	= 0.0155 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Nitrogen	= 2.3114 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Propane	= 6.2943 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Ethane	= 13.1522 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Isobutane	= 0.6872 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Isopentane	= 0.317 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Water	= 0 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Argon	= 0 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Hydrogen	= 0 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Helium	= 0 mol %
07/05/21 10:51:00 pm - LINAM RAW INLET FLARE - FlowCal Mole/h		Oxygen	= 0 mol %
07/05/21 10:51:00 pm - Event Mole% Consistency Check			= 100 mol %
07/05/21 10:51:00 pm - Gas Volume Flared			= 1,027,000 scf
07/05/21 10:51:00 pm - Gas Volume Vented			= 0 scf

### MCF lbs

Criteria Event Totals	Parameter	Compound	Value
07/05/21 10:51:00 pm - Manual Override Total Event - Speciated - Criteria		Carbon Monoxide	= lb
07/05/21 10:51:00 pm - Manual Override Total Event - Speciated - Criteria		Sulfur Dioxide	= lb
07/05/21 10:51:00 pm - Manual Override Total Event - Speciated - Criteria		Nitrogen Oxides	= lb
07/05/21 10:51:00 pm - Total Event - Speciated - Criteria		Carbon Monoxide	= 2,203.499023 lb
07/05/21 10:51:00 pm - Total Event - Speciated - Criteria		Sulfur Dioxide	= 562.332558 lb
07/05/21 10:51:00 pm - Total Event - Speciated - Criteria		Nitrogen Oxides	= 394.779662 lb

  

Combustion Emissions	Parameter	Compound	Value
07/05/21 10:51:00 pm - Combustion Product - SO2		Sulfur Dioxide	= 562.332558 lb
07/05/21 10:51:00 pm - Combustion Product - CO		Carbon Monoxide	= 2,203.499023 lb
07/05/21 10:51:00 pm - Combustion Product - NOx		Nitrogen Oxides	= 394.779662 lb
07/05/21 10:51:00 pm - Combustion Product - NO2		Nitrogen Dioxide	= 19.738983 lb
07/05/21 10:51:00 pm - Combustion Product - NO		Nitric Oxide	= 375.040679 lb

**District I**

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**District II**

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**District III**

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**District IV**

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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**

QUESTIONS

Action 35094

**QUESTIONS**

Operator: DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	OGRID: 36785
	Action Number: 35094
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS****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 or is this venting or flaring caused by an emergency or malfunction	Yes
Did or will this venting or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a notification of a major venting or flaring	Yes, major venting or flaring of natural gas.
<b>The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.12.297 NMAC.</b>	
Was there or will there be at least 50 MCF of natural gas vented or flared during this event	Yes
Did this venting or flaring 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

**Unregistered Facility Site**

*Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (##) yet.*

Facility or Site Name	Not answered.
Facility Type	Not answered.

**Equipment Involved**

Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Linam Ranch Plant Permit: P094-R3 32.688700 -103.285337 EHS Event 26551 MCF: 1027 Event: Malfunction on raw inlet valve opened when pressure was below set point. Limit: blocked in flare to stop flaring. called I/E to inspect control valve and IDP. Water was found and removed from IDP. Root Cause: Unknown Start 07/05/21 10:51:00 PM Discovery 07/05/21 10:51:00 PM End 07/05/21 11:07:00 PM

**Representative Compositional Analysis of Vented or Flared Natural Gas**

*Please provide the mole percent for the percentage questions in this group.*

Methane (CH4) percentage	74
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	1
Oxygen (O2) percentage, if greater than one percent	0
<b>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</b>	
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.

**Date(s) and Time(s)**

Date venting or flaring was discovered or commenced	07/05/2021
Time venting or flaring was discovered or commenced	10:51 PM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	07/05/2021
Time venting or flaring was terminated	11:07 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	0
Longest duration of cumulative hours within any 24-hour period during this event	0

**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   Gas Plant   Natural Gas Flared   Spilled: 1,027 Mcf   Recovered: 0 Mcf   Lost: 1,027 Mcf
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Linam Ranch Plant Permit: P094-R3 32.688700 -103.285337 EHS Event 26551 MCF: 1027 Event: Malfunction on raw inlet valve opened when pressure was below set point. Limit: blocked in flare to stop flaring. called I/E to inspect control valve and IDP. Water was found and removed from IDP. Root Cause: Unknown Start 07/05/21 10:51:00 PM Discovery 07/05/21 10:51:00 PM End 07/05/21 11:07:00 PM
Is this a gas only submission (i.e. only Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

**Venting or Flaring Resulting from Downstream Activity**

Was or is this venting or flaring a result of downstream activity	Not answered.
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Date notified of downstream activity requiring this venting or flaring	Not answered.
Time notified of downstream activity requiring this venting or flaring	Not answered.

Steps and Actions to Prevent Waste	
For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	Linam Ranch Plant Permit: P094-R3 32.688700 -103.285337 EHS Event 26551 MCF: 1027 Event: Malfunction on raw inlet valve opened when pressure was below set point. Limit: blocked in flare to stop flaring. called I/E to inspect control valve and IDP. Water was found and removed from IDP. Root Cause: Unknown Start 07/05/21 10:51:00 PM Discovery 07/05/21 10:51:00 PM End 07/05/21 11:07:00 PM
Steps taken to limit the duration and magnitude of venting or flaring	Linam Ranch Plant Permit: P094-R3 32.688700 -103.285337 EHS Event 26551 MCF: 1027 Event: Malfunction on raw inlet valve opened when pressure was below set point. Limit: blocked in flare to stop flaring. called I/E to inspect control valve and IDP. Water was found and removed from IDP. Root Cause: Unknown Start 07/05/21 10:51:00 PM Discovery 07/05/21 10:51:00 PM End 07/05/21 11:07:00 PM
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Linam Ranch Plant Permit: P094-R3 32.688700 -103.285337 EHS Event 26551 MCF: 1027 Event: Malfunction on raw inlet valve opened when pressure was below set point. Limit: blocked in flare to stop flaring. called I/E to inspect control valve and IDP. Water was found and removed from IDP. Root Cause: Unknown Start 07/05/21 10:51:00 PM Discovery 07/05/21 10:51:00 PM End 07/05/21 11:07:00 PM

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CONDITIONS  
  
Action 35094

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	OGRID: 36785
	Action Number: 35094
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
system	If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event.	7/6/2021