

Linam Ranch Plant Permit: P094-R3 32.688700 -103.285337

EHS Event 26464 and report 26463

Event:

A relay for that controls the Spectra/ treater outlet valve failed causing the valve to close causing the plant to lose all inlet compression, the T-70 residue, 1310 and 1420 on low suction. 1420 blew down automatically when it shut down. AGI Flare

Root Cause: IE Circuit Failure

Limit: Blow down valve automatically closed

Start 07/03/21 9:12:00 AM

Discovery 07/03/21 9:12:00 AM










































End 07/03/21 9:18:00 AM

32 MCF

Meters/Streams (Count) *	2
Meter or Spill Material 1 *	Linam AGI Field Flare
Meter 2 *	AGI Flare Assist
Meter Row N	283

as Volume by Stream * (mscf) - Meter 1	12	Vo
as Volume by Stream * (mscf) - Meter 2	20	Vo

Criteria Event Totals	Parameter	Compound	Value	C	L	O	Serial Number
	07/03/21 09:12:00 am - Manual Override Total Event - Speciated - Criteria	Carbon Monoxide	= lb	✓	✓	✓	
	07/03/21 09:12:00 am - Manual Override Total Event - Speciated - Criteria	Sulfur Dioxide	= lb	✓	✓	✓	
	07/03/21 09:12:00 am - Manual Override Total Event - Speciated - Criteria	Nitrogen Oxides	= lb	✓	✓	✓	
	07/03/21 09:12:00 am - Total Event - Speciated - Criteria	Carbon Monoxide	= 174.072823 lb	✓	!	✓	
	07/03/21 09:12:00 am - Total Event - Speciated - Criteria	Sulfur Dioxide	= 239.820827 lb	✓	!	✓	
	07/03/21 09:12:00 am - Total Event - Speciated - Criteria	Nitrogen Oxides	= 2.808823 lb	✓	!	✓	

Composition	Parameter	Compound	Value	C	L	O	Serial Num
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Carbon Dioxide	= 0 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Methane	= 93.514778 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Carbon Monoxide	= 0 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Hydrogen Sulfide	= 0 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Hexane	= 0.000777 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Butane	= 0.000848 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Pentane	= 0.001375 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Heptane	= 0 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	n-Decane	= 0 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	n-Nonane	= 0 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	n-Octane	= 0 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Nitrogen	= 3.009529 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Propane	= 0.041942 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Ethane	= 3.421911 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Isobutane	= 0.002441 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Isopentane	= 0.001399 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Water	= 0 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Argon	= 0 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Hydrogen	= 0 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Helium	= 0 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM DISCHARGE - RESIDUE FLARE - FlowCal Mole%	Oxygen	= 0 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	Carbon Dioxide	= 1.1482 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	Methane	= 73.6544 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	Carbon Monoxide	= 0 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	Hydrogen Sulfide	= 0.3308 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	Hexane	= 0.1597 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	Butane	= 1.554 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	Pentane	= 0.3008 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	Heptane	= 0.074 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	n-Decane	= 0 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	n-Nonane	= 0.0005 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	n-Octane	= 0.0155 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	Nitrogen	= 2.3114 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	Propane	= 6.2943 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	Ethane	= 13.1522 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	Isobutane	= 0.6672 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	Isopentane	= 0.317 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	Water	= 0 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	Argon	= 0 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	Hydrogen	= 0 mol %	✓	✓	✓	
	07/03/21 07:45:00 am - LINAM RAW INLET FLARE - FlowCal Mole%	Helium	= 0 mol %	✓	✓	✓	

Event: 26463

Event, Limit are the same as above.

MCF 559.5






Start 07/03/21 7:45 AM




























Discovery 07/03/21 7:45 AM

End Date 07/03/21 08:10 AM

Manual Gas Composition?	No
Material Template	FlowCal Metered Material
Meters/Streams (Count)	2
Meter or Spill Material 1	LINAM RAW INLET FLARE
Meter 2	LINAM DISCHARGE - RESIDUE FLARE

Gas Volume by Stream (mscf) - Meter 1	535	Volume Calculator 1	
Gas Volume by Stream (mscf) - Meter 2	24.5	Volume Calculator 2	

Criteria Event Totals	Parameter	Compound	Value
	07/03/21 07:45:00 am - Manual Override Total Event - Speciated - Criteria	Carbon Monoxide	= lb
	07/03/21 07:45:00 am - Manual Override Total Event - Speciated - Criteria	Sulfur Dioxide	= lb
	07/03/21 07:45:00 am - Manual Override Total Event - Speciated - Criteria	Nitrogen Oxides	= lb
	07/03/21 07:45:00 am - Total Event - Speciated - Criteria	Carbon Monoxide	= 1,190.259057 lb
	07/03/21 07:45:00 am - Total Event - Speciated - Criteria	Sulfur Dioxide	= 292.938577 lb
	07/03/21 07:45:00 am - Total Event - Speciated - Criteria	Nitrogen Oxides	= 213.253039 lb

Composition	Parameter	Compound	Value	C	L	O	Serial N
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Carbon Dioxide	= 86.223595 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Methane	= 0.905681 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Carbon Monoxide	= 0 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Hydrogen Sulfide	= 12.073922 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Hexane	= 0.174643 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Butane	= 0.065556 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Pentane	= 0.022498 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Heptane	= 0 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	n-Decane	= 0 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	n-Nonane	= 0 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	n-Octane	= 0 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Nitrogen	= 0.0917 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Propane	= 0.135144 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Ethane	= 0.21683 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Isobutane	= 0.112499 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Isopentane	= 0.017992 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Water	= 0 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Argon	= 0 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Hydrogen	= 0 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Hellum	= 0 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - Linam AGI Field Flare - FlowCal Mole%	Oxygen	= 0 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Carbon Dioxide	= 0.000167 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Methane	= 92.090721 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Carbon Monoxide	= 0 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Hydrogen Sulfide	= 0 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Hexane	= 0 mol %	✓	✓	✓	
	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Butane	= 0 mol %	✓	✓	✓	

P	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Pentane	=	0 mol %					
P	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Heptane	=	0 mol %					
P	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	n-Decane	=	0 mol %					
P	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	n-Nonane	=	0 mol %					
P	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	n-Octane	=	0 mol %					
P	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Nitrogen	=	9.112708 mol %					
P	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Propane	=	0.049759 mol %					
P	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Ethane	=	4.746645 mol %					
P	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Isobutane	=	0 mol %					
P	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Isopentane	=	0 mol %					
P	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Water	=	0 mol %					
P	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Argon	=	0 mol %					
P	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Hydrogen	=	0 mol %					
P	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Helium	=	0 mol %					
P	07/03/21 09:12:00 am - AGI Flare Assist - FlowCal Mole%	Oxygen	=	0 mol %					
P	07/03/21 09:12:00 am - Event Mole% Consistency Check		=	100 mol %					
P	07/03/21 09:12:00 am - Gas Volume Flared		=	32,000 scf					
P	07/03/21 09:12:00 am - Gas Volume Vented		=	0 scf					

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
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District III

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Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
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

QUESTIONS

Action 35079

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	OGRID: 36785
	Action Number: 35079
	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.
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 19.13.297 NMAC.	
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 26464 and report 26463 Event: A relay for that controls the Spectra/ treater outlet valve failed causing the valve to close causing the plant to lose all inlet compression, the T-70 residue, 1310 and 1420 on low suction. 1420 blew down automatically when it shut down. AGI Flare Root Cause: IE Circuit Failure Limit: Blow down valve automatically closed Start 07/03/21 9:12:00 AM Discovery 07/03/21 9:12:00 AM End 07/03/21 9:18:00 AM

Representative Compositional Analysis of Vented or Flared Natural Gas

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

Methane (CH4) percentage	94
Nitrogen (N2) percentage, if greater than one percent	3
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) 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 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	07/03/2021
Time venting or flaring was discovered or commenced	09:12 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	07/03/2021
Time venting or flaring was terminated	09:18 AM
Total duration of venting or flaring in hours, if venting or flaring has terminated	1
Longest duration of cumulative hours within any 24-hour period 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: Other Gas Plant Natural Gas Flared Spilled: 592 Mcf Recovered: 0 Mcf Lost: 592 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 26464 and report 26463 Event: A relay for that controls the Spectra/ treater outlet valve failed causing the valve to close causing the plant to lose all inlet compression, the T-70 residue, 1310 and 1420 on low suction. 1420 blew down automatically when it shut down. AGI Flare Root Cause: IE Circuit Failure Limit: Blow down valve automatically closed Start 07/03/21 9:12:00 AM Discovery 07/03/21 9:12:00 AM End 07/03/21 9:18:00 AM
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.
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	Event: A relay for that controls the Spectra/ treater outlet valve failed causing the valve to close causing the plant to lose all inlet compression, the T-70 residue, 1310 and 1420 on low suction. 1420 blew down automatically when it shut down. AGI Flare Root Cause: IE Circuit Failure Limit: Blow down valve automatically closed
Steps taken to limit the duration and magnitude of venting or flaring	Event: A relay for that controls the Spectra/ treater outlet valve failed causing the valve to close causing the plant to lose all inlet compression, the T-70 residue, 1310 and 1420 on low suction. 1420 blew down automatically when it shut down. AGI Flare Root Cause: IE Circuit Failure Limit: Blow down valve automatically closed
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Event: A relay for that controls the Spectra/ treater outlet valve failed causing the valve to close causing the plant to lose all inlet compression, the T-70 residue, 1310 and 1420 on low suction. 1420 blew down automatically when it shut down. AGI Flare Root Cause: IE Circuit Failure Limit: Blow down valve automatically closed

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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

CONDITIONS

Action 35079

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	OGRID: 36785
	Action Number: 35079
	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