

EUNICE

PERMIT 0044 M10-R7 NSR 0044-M11-R1

AMANDA 114A FLARE 7.20.21

AMANDA BOOSTER LOCATION AND DRIVING DIRECTIONS:

u. Detailed driving directions from nearest New Mexico town:

(Lat: 32.5144, Long: -103.2819); From US-180 (Marland St) & Grimes St located on the west side of Hobbs NM, drive 7 miles W on US-180, turn S and drive 13.3 miles on SR-8, turn W and drive 1.3 miles on SR-175 to the Gas Plant on the right.

FLARE EVENT DETAILS:

EVENT: Loss of 3rd party gas supply to control valve. The supply gas feeds the control valve on flare line on 114A flare line at Amanda Booster. When supply gas was lost, the backup nitrogen supply gas system responded but also failed.

LIMIT: DCP Operations limited the flaring event by manually closing the control valve. Nitrogen bottles were replaced to return the control valve to service. Supply gas was restored.

CORRECTIVE: Initiated MOC to add an alarm for the supply gas psi to alert of a low-pressure situation. Investigation for loss of power gas and back up nitrogen system is in progress.

Emissions by lbs**SECTION VIII - EXCESS EMISSION DETAIL LINES**

Pollutant	Duration of Event (hh:mm)	Emission Limits or Averaging Standards	Averaging Period	Excess Emissions for Event	Number of Exceedences	Average Emission Rate for Averaging Period
CO	02:00	0 lbs./hour	2 hour	190.37 lbs.	1	95.185 lbs./hour
H2S	02:00	0 lbs./hour	2 hour	24.1 lbs.	1	12.05 lbs./hour
Nox	02:00	0 lbs./hour	2 hour	95.36 lbs.	1	47.68 lbs./hour
SO2	02:00	0 lbs./hour	2 hour	860.35 lbs	1	430.175 lbs./hour
VOC	02:00	0 lbs./hour	2 hour	557.46 lbs.	1	278.73 lbs./hour

GAS TOTAL VOC SPECIATION

Composition	Parameter	Compound	Value	C	L	U
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Carbon Dioxide	= 3.611 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Methane	= 69.5141 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Carbon Monoxide	= 0 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Hydrogen Sulfide	= 1.0493 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Hexane	= 0.8391 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Butane	= 2.052 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Pentane	= 0.9999 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Heptane	= 0.6214 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		n-Decane	= 0 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		n-Nonane	= 0.0874 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		n-Octane	= 0.3032 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Nitrogen	= 1.8138 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Propane	= 6.2682 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Ethane	= 9.9863 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Isobutane	= 1.0953 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Isopentane	= 0.959 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Water	= 0 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Argon	= 0 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Hydrogen	= 0 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Helium	= 0 mol %	✓	✓	✓
07/20/21 02:00:00 am - EUNICE 5# RAW INLET FLARE B - FlowCal Mole%		Oxygen	= 0 mol %	✓	✓	✓
07/20/21 02:00:00 am - Event Mole% Consistency Check			= 100 mol %	✓	✓	✓
07/20/21 02:00:00 am - Gas Volume Flared			= 511,000 scf	✓	✓	✓
07/20/21 02:00:00 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
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
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 37250

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	OGRID: 36785
	Action Number: 37250
	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	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	70
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	2
Carbon Dioxide (CO2) percentage, if greater than one percent	4
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	07/20/2021
Time venting or flaring was discovered or commenced	02:00 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	07/20/2021
Time venting or flaring was terminated	04:00 AM
Total duration of venting or flaring in hours, if venting or flaring has terminated	2
Longest duration of cumulative hours within any 24-hour period during this event	2

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 Compressor Station Natural Gas Flared Spilled: 511 Mcf Recovered: 0 Mcf Lost: 511 Mcf
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	FLARE EVENT DETAILS: EVENT: Loss of 3rd party gas supply to control valve. The supply gas feeds the control valve on flare line on 114A flare line at Amanda Booster. When supply gas was lost, the backup nitrogen supply gas system responded but also failed. LIMIT: DCP Operations limited the flaring event by manually closing the control valve. Nitrogen bottles were replaced to return the control valve to service. Supply gas was restored. CORRECTIVE: Initiated MOC to add an alarm for the supply gas psi to alert of a low-pressure situation. Investigation for loss of power gas and back up nitrogen system is in progress.
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	DCP could not reasonably predict the failure of 3rd party power gas supply to the control valve.
Steps taken to limit the duration and magnitude of venting or flaring	LIMIT: DCP Operations limited the flaring event by manually closing the control valve. Nitrogen bottles were replaced to return the control valve to service. Supply gas was restored.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Initiated MOC to add an alarm for the supply gas psi to alert of a low-pressure situation. Investigation for loss of power gas and back up nitrogen system is in progress.

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CONDITIONS

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Operator: DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	OGRID: 36785
	Action Number: 37250
	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.	7/21/2021