

## Zia 2 GP P270M2 unauthorize event (no Citation)

Meter # 728946-00

Volume Flared: 138.447mcf

Date: 6-10-21

Time: 1700-2000

Event:

1710 - C-1650 went down on low flow left bank

1720 - C-1600 online

1750 - C-1600 went down when loading C-1650

1945 - C-1650 went down on lubricator left bank low flow

1950 - C-1600 online

Limit: C-1600 acid gas compressor was started while work was being done on C-1650 to limit the volume of acid gas flared.

Corrective Action: Changed the filter on lubricator pump on C-1650.

EHS 25516

NMED 032800-06112021-01

Compound	Value
Carbon Dioxide	= 2.7968 mol %
Methane	= 59.8486 mol %
Carbon Monoxide	= 0 mol %
Hydrogen Sulfide	= 0.0072 mol %
Hexane	= 1.9089 mol %
Butane	= 1.4649 mol %
Pentane	= 0.495 mol %
Heptane	= 0 mol %
n-Decane	= 0 mol %
n-Nonane	= 0 mol %
n-Octane	= 0 mol %
Nitrogen	= 27.861 mol %
Propane	= 2.2128 mol %
Ethane	= 2.5908 mol %
Isobutane	= 0.375 mol %
Isopentane	= 0.439 mol %
Water	= 0 mol %
Argon	= 0 mol %
Hydrogen	= 0 mol %
Helium	= 0 mol %
Oxygen	= 0 mol %
	= 100 mol %
	= 138,447 scf
	= 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**

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 31593

**QUESTIONS**

Operator: DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	OGRID: 36785
	Action Number: 31593
	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, minor 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 19.13.29.7 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	Zia2 gas plant
Facility Type	Gas Plant - (GP)

**Equipment Involved**

Primary Equipment Involved	Gas Plant
Additional details for Equipment Involved. Please specify	Zia 2 GP P270M2 unauthorized event (no Citation) Meter # 728946-00 Volume Flared: 138.447mcf Date: 6-10-21 Time: 1700-2000 Event: 1710 - C-1650 went down on low flow left bank 1720 - C-1600 online 1750 - C-1600 went down when loading C-1650 1945 - C-1650 went down on lubricator left bank low flow 1950 - C-1600 online Limit: C-1600 acid gas compressor was started while work was being done on C-1650 to limit the volume of acid gas flared. Corrective Action: Changed the filter on lubricator pump on C-1650.

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

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

Methane (CH4) percentage	60
Nitrogen (N2) percentage, if greater than one percent	28
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	3
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	06/10/2021
Time venting or flaring was discovered or commenced	05:00 PM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	06/10/2021
Time venting or flaring was terminated	08:00 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	3
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: 138 Mcf   Recovered: 0 Mcf   Lost: 138 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 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.
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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	Zia 2 GP P270M2 unauthorized event (no Citation) Meter # 728946-00 Volume Flared: 138.447mcf Date: 6-10-21 Time: 1700-2000 Event: 1710 - C-1650 went down on low flow left bank 1720 - C-1600 online 1750 - C-1600 went down when loading C-1650 1945 - C-1650 went down on lubricator left bank low flow 1950 - C-1600 online Limit: C-1600 acid gas compressor was started while work was being done on C-1650 to limit the volume of acid gas flared. Corrective Action: Changed the filter on lubricator pump on C-1650.
Steps taken to limit the duration and magnitude of venting or flaring	Zia 2 GP P270M2 unauthorized event (no Citation) Meter # 728946-00 Volume Flared: 138.447mcf Date: 6-10-21 Time: 1700-2000 Event: 1710 - C-1650 went down on low flow left bank 1720 - C-1600 online 1750 - C-1600 went down when loading C-1650 1945 - C-1650 went down on lubricator left bank low flow 1950 - C-1600 online Limit: C-1600 acid gas compressor was started while work was being done on C-1650 to limit the volume of acid gas flared. Corrective Action: Changed the filter on lubricator pump on C-1650.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Zia 2 GP P270M2 unauthorized event (no Citation) Meter # 728946-00 Volume Flared: 138.447mcf Date: 6-10-21 Time: 1700-2000 Event: 1710 - C-1650 went down on low flow left bank 1720 - C-1600 online 1750 - C-1600 went down when loading C-1650 1945 - C-1650 went down on lubricator left bank low flow 1950 - C-1600 online Limit: C-1600 acid gas compressor was started while work was being done on C-1650 to limit the volume of acid gas flared. Corrective Action: Changed the filter on lubricator pump on C-1650.

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CONDITIONS  
  
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	Action Number: 31593
	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.	6/11/2021