

This is an authorized emission event permit P095-r3 SSM A107C

At 1643 the mole sieve dehydration outlet temperature reached 140 degrees which caused a cold plant shutdown.

Limit: Gas was diverted in the field to the Eddy County spill to reduce the volume of gas flared during the event.

Corrective Action: Operations team found the root cause of the shutdown to be the loss of the cooling water pump. The pump was put back online and the plant was restarted.

Compound	Value	
Carbon Dioxide	= 0.573 mol %	
Methane	= 82.722 mol %	
Carbon Monoxide	= 0 mol %	
Hydrogen Sulfide	= 0.295 mol %	
Hexane	= 0.383 mol %	
Butane	= 1.141 mol %	
Pentane	= 0.279 mol %	
Heptane	= 0 mol %	
n-Decane	= 0 mol %	
n-Nonane	= 0 mol %	
n-Octane	= 0 mol %	
Nitrogen	= 1.612 mol %	
Propane	= 3.737 mol %	
Ethane	= 8.429 mol %	
Isobutane	= 0.515 mol %	
Isopentane	= 0.314 mol %	
Water	= 0 mol %	
Argon	= 0 mol %	
Hydrogen	= 0 mol %	
Helium	= 0 mol %	
Oxygen	= 0 mol %	

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 30830

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	OGRID: 36785
	Action Number: 30830
	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 19.13.29.7 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	Artesia GP
Facility Type	Gas Plant - (GP)

Equipment Involved

Primary Equipment Involved	Gas Plant
Additional details for Equipment Involved. Please specify	This is an authorized emission event permit P095-r3 SSM A107C At 1643 the mole sieve dehydration outlet temperature reached 140 degrees which caused a cold plant shutdown. Limit: Gas was diverted in the field to the Eddy County spill to reduce the volume of gas flared during the event. Corrective Action: Operations team found the root cause of the shutdown to be the loss of the cooling water pump. The pump was put back online and the plant was restarted.

Representative Compositional Analysis of Vented or Flared Natural Gas

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

Methane (CH4) percentage	83
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	295
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	06/06/2021
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	06/06/2021
Time venting or flaring was terminated	06:00 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: 537 Mcf Recovered: 0 Mcf Lost: 537 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.

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	This is an authorized emission event permit P095-r3 SSM A107C At 1643 the mole sieve dehydration outlet temperature reached 140 degrees which caused a cold plant shutdown. Limit: Gas was diverted in the field to the Eddy County spill to reduce the volume of gas flared during the event. Corrective Action: Operations team found the root cause of the shutdown to be the loss of the cooling water pump. The pump was put back online and the plant was restarted.
Steps taken to limit the duration and magnitude of venting or flaring	This is an authorized emission event permit P095-r3 SSM A107C At 1643 the mole sieve dehydration outlet temperature reached 140 degrees which caused a cold plant shutdown. Limit: Gas was diverted in the field to the Eddy County spill to reduce the volume of gas flared during the event. Corrective Action: Operations team found the root cause of the shutdown to be the loss of the cooling water pump. The pump was put back online and the plant was restarted.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	This is an authorized emission event permit P095-r3 SSM A107C At 1643 the mole sieve dehydration outlet temperature reached 140 degrees which caused a cold plant shutdown. Limit: Gas was diverted in the field to the Eddy County spill to reduce the volume of gas flared during the event. Corrective Action: Operations team found the root cause of the shutdown to be the loss of the cooling water pump. The pump was put back online and the plant was restarted.

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

CONDITIONS

Action 30830

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	OGRID: 36785
	Action Number: 30830
	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.	6/7/2021