

NDL Meter Detail

Meter: Cavern Discharge

Meter Data	
Flow Rate:	36,547.8 mcf
Static Pressure:	1,175.5 psia
Diff Pressure:	139.6 inH2O
Temperature:	94.0 F
Tdy Volume:	16,556.0 mcf
Ydy Volume:	36,285.5 mcf
Accum Volume:	9,804.2 mcf
Uncorrected Flow Rate:	
Tdy Uncorrected Volume:	
Ydy Uncorrected Volume:	
Accum Uncorrected Vol:	
Energy Flow Rate:	46,294.2 mmbtud
Tdy Energy:	20,971.0 mmbtu
Ydy Energy:	45,961.9 mmbtu
Accumulated Energy:	12,418.8 mmbtu
Mass Flow Rate:	2,059,122.0 lbmh
Tdy Mass:	932,772.7 lbm
Ydy Mass:	2,044,342.0 lbm
Accumulated Mass:	552,375.4 lbm
Absolute Press Dwnstrm:	
Pulse Count:	
Orifice Diameter:	3.75 in
Pipe Diameter:	7.981 in

Gas Quality	
Methane:	79.083 %
CO2:	0.542 %
Ethane:	10.452 %
Hexane:	0.799 %
Iso-Butane:	0.690 %
Iso-pentane:	0.426 %
Nitrogen:	1.042 %
N-Butane:	1.636 %
N-Pentane:	0.504 %
Propane:	4.826 %
BTU Content:	1266.673 MBTU/MCF
Specific Gravity:	0.736 %

Device Data	
Battery Voltage:	12.7 vdc
Contract Hour:	8
Device Address:	56095746
Device Comm ID:	C_COYOTDSCHRG3_5
Device Enabled:	Y
Device Type:	TotalFlow-G5
Device Time:	

Meter Attributes	
Meter Number:	56095746
Area:	South Carlsbad
System:	Cavern
Operator:	
Live GC:	No
Sub-Type:	Discharge
Long:	-104.302022
Lat:	32.134132

	Lo Limit	Hi Limit
Static Press:	0.0 psia	2,048.0 psia
Temp:	0.0 F	2,047.0 F
Flow Rate:	0.0 MCFD	420.0 MCFD
Uncorr Vol:	0.0 macf/d	24,000.0 macf/d

Command Status:	3:Succeeded
Last Poll Time:	08/07 07:37:15
Comm Status:	Normal

Poll

Close



FMS ?

LIQ

PIG

TNK

WTR

COM

RR1

RR2

RHR

**TARGA****NDL Blowdown/Vent Estimate**

All sections should be filled out by field personnel. ***All red fields per event must be entered to calculate volumes correctly! All yellow fields should be entered if known for increased accuracy.***

Date of Occurance (m/d/yyyy)	8/6/2024	Reported By (First and Last Name)	Jesus Torres
Site (Select)	FIELD - HP PIPE BALANCE	If "FIELD" for Site, Pipe Name	Cavern discharge 10"
		Lat	32.1505
		Long	-104.1986

*If site is not at a facility (inside the fence) then select the appropriate FIELD site and enter Pipe Name.

Calculated Volumes

Blowdown(s)				Purge/Vent			
Reference Meter Number		Blowdown (MCF)	150.99	Reference Meter Number		Volume Lost (MCF)	7.76
Pipe ID (in)	10in Sch. 80	Length (Feet)	34,780.00	Beginning Date & Time	08/06/2024 1330	Vent Duration (Hours)	0.50
Begin Press. (PSIG)	125.00	End Press. (PSIG)	0.00	Ending Date & Time	08/06/2024 1400	Gas Temp	
Gas Temp.		Specific Gravity		Pipe ID (in)	10in Sch. 80	Specific Gravity	
Elevation (ft)				Orifice Size (in)	2	Elevation (ft)	
Beginning Date & Time	08/06/2024 9:30Am	Ending Date & Time	08/06/2024 11:30Am	Avg Pressure	30.00		
Reference Meter Number		Blowdown (MCF)		Reference Meter Number		Volume Lost (MCF)	
Pipe ID (in)		Length (Feet)		Beginning Date & Time		Vent Duration (Hours)	
Begin Press. (PSIG)		End Press. (PSIG)		Ending Date & Time		Gas Temp	
Gas Temp.		Specific Gravity		Pipe ID (in)		Specific Gravity	
Elevation (ft)				Orifice Size (in)		Elevation (ft)	
Beginning Date & Time		Ending Date & Time		Avg Pressure			
Reference Meter Number		Blowdown (MCF)		Reference Meter Number		Volume Lost (MCF)	
Pipe ID (in)		Length (Feet)		Beginning Date & Time		Vent Duration (Hours)	
Begin Press. (PSIG)		End Press. (PSIG)		Ending Date & Time		Gas Temp	
Gas Temp.		Specific Gravity		Pipe ID (in)		Specific Gravity	
Elevation (ft)				Orifice Size (in)		Elevation (ft)	
Beginning Date & Time		Ending Date & Time		Avg Pressure			

Was the purge mostly oxygen after process was open to atm?

Yes

*If "Yes" above, purge of the pipeline after tie-in was mostly O2, volumes here estimate the natural gas volume only.

Was the purge mostly oxygen after process was open to atm?

Yes

*If "Yes" above, purge of the pipeline after tie-in was mostly O2, volumes here estimate the natural gas volume only.

Was the purge mostly oxygen after process was open to atm?

No

*If "Yes" above, purge of the pipeline after tie-in was mostly O2, volumes here estimate the natural gas volume only.

Comments:

08/06/2024

Reporting a Blowdown and purge event on Cavern Discharge 10" to Replace receiver Barrel valve
(line was blown down into a Flare)

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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

DEFINITIONS

Action 375117

DEFINITIONS

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 375117
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application: <ul style="list-style-type: none">• this application's operator, hereinafter "this operator";• venting and/or flaring, hereinafter "vent or flare";• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";• the statements in (and/or attached to) this, hereinafter "the statements in this";• and the past tense will be used in lieu of mixed past/present tense questions and statements.
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QUESTIONS

Action 375117

QUESTIONS

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	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.	
Incident Well	Unavailable.
Incident Facility	[fAPP2123031392] TARGA NORTHERN DELAWARE, LLC.

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 this vent or flare caused by an emergency or malfunction	Yes
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a vent or flare event	Yes, minor venting and/or flaring of natural gas.
An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.	
Was there at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare 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
Was the vent or flare within an incorporated municipal boundary or withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

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	79
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	1
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 Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 375117

QUESTIONS (continued)

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	Action Number: 375117
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	08/06/2024
Time vent or flare was discovered or commenced	01:30 PM
Time vent or flare was terminated	02:00 PM
Cumulative hours 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: Equipment Failure Gas Compressor Station Natural Gas Flared Released: 159 Mcf Recovered: 0 Mcf Lost: 159 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 significant Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

Venting or Flaring Resulting from Downstream Activity	
Was this vent or flare a result of downstream activity	No
Was notification of downstream activity received by this operator	Not answered.
Downstream OGRID that should have notified this operator	Not answered.
Date notified of downstream activity requiring this vent or flare	Not answered.
Time notified of downstream activity requiring this vent or flare	Not answered.

Steps and Actions to Prevent Waste	
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control.	True
Please explain reason for why this event was beyond this operator's control	Gas was routed to a portable flare when the discharge line was depressurized to replace a failed valve stem on a barrel valve. The valve stem developed a pin hole leak that made replacement necessary.
Steps taken to limit the duration and magnitude of vent or flare	Gas was flared until the line was depressurized. Once the repair was made, the line was purged to return it to normal service.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Gas was depressurized, and the failed valve stem on the barrel valve was replaced. Once the valve was replaced the line was purged to return it to normal service, and the emission event ended.

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ACKNOWLEDGMENTS

Action 375117

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	Action Number: 375117
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
<input checked="" type="checkbox"/>	I hereby certify the statements in this report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
<input checked="" type="checkbox"/>	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
<input checked="" type="checkbox"/>	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
amberg	If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	8/19/2024