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575.397.3713 2609 W Marland Hobbs NM 88240

C6+ Gas Analysis Report

19102G		95766		/ILD HOG DISCHARGE DOWNSTREAM	
Sample Point Code		Sample Point Name		Sample Point Location	
Laboratory Services		2024100816		01142	
Source Laboratory		Lab File No		Container Identity	
USA		USA		USA	
District		Area Name		Field Name	
Oct 30, 2024 10:28		Oct 1, 2024		Nov 5, 2024 15:43	
Date Sampled		Date Effective		Date Received	
71.00		4,745.53		Luis	
Ambient Temp (°F)		Flow Rate (Mcf)		Analyst	
				1113 @ 103	
				Press PSI @ Temp °F	
				Source Conditions	
Targa Midstream			NG		
Operator			Lab Source Description		

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.2000	0.2	
Nitrogen (N2)	1.1020	1.10431	
CO2 (CO2)	4.9750	4.98533	
Methane (C1)	76.2130	76.3667	
Ethane (C2)	8.4950	8.51154	2.2710
Propane (C3)	4.4660	4.47451	1.2300
I-Butane (IC4)	0.8190	0.82062	0.2680
N-Butane (NC4)	1.6990	1.70213	0.5350
I-Pentane (IC5)	0.5930	0.59404	0.2170
N-Pentane (NC5)	0.5020	0.5026	0.1820
Hexanes Plus (C6+)	0.9360	0.9382	0.4060
TOTAL	100.0000	100.2000	5.1090

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,211.8	1,192.1	1,214.6	1,194.9

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.7775	0.7749
Molecular Weight	
22.4423	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S
2000 PPM

**PROTREND STATUS:** Passed By Validator on Nov 12, 2024  
**DATA SOURCE:** Imported

**PASSED BY VALIDATOR REASON:** Close enough to be considered reasonable.

**VALIDATOR:** Ashley Russell

**VALIDATOR COMMENTS:** ok

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Sep 9, 2024



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)  Reported By (First and Last Name)   
 Site (Select)  If "FIELD" for Site, Pipe Name   
 Lat   
 Long

\*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	<input type="text"/>	Blowdown (MCF)	<input type="text" value="1,276.56"/>	Reference Meter Number	<input type="text"/>	Volume Lost (MCF)	<input type="text"/>
Pipe ID (in)	<input type="text" value="10in Sch. 80"/>	Length (Feet)	<input type="text" value="46,000.00"/>	Beginning Date & Time	<input type="text"/>	Vent Duration (Hours)	<input type="text"/>
Begin Press. (PSIG)	<input type="text" value="1,059.00"/>	End Press. (PSIG)	<input type="text" value="457.00"/>	Ending Date & Time	<input type="text"/>	Gas Temp	<input type="text"/>
Gas Temp.	<input type="text"/>	Specific Gravity	<input type="text"/>	Pipe ID (in)	<input type="text"/>	Specific Gravity	<input type="text"/>
Elevation (ft)	<input type="text"/>			Orifice Size (in)	<input type="text"/>	Elevation (ft)	<input type="text"/>
Beginning Date & Time	<input type="text" value="2/14/2025 0800"/>	Ending Date & Time	<input type="text" value="2/14/2025 1400"/>	Avg Pressure	<input type="text"/>		
Reference Meter Number	<input type="text"/>	Blowdown (MCF)	<input type="text"/>	Reference Meter Number	<input type="text"/>	Volume Lost (MCF)	<input type="text"/>
Pipe ID (in)	<input type="text"/>	Length (Feet)	<input type="text"/>	Beginning Date & Time	<input type="text"/>	Vent Duration (Hours)	<input type="text"/>
Begin Press. (PSIG)	<input type="text"/>	End Press. (PSIG)	<input type="text"/>	Ending Date & Time	<input type="text"/>	Gas Temp	<input type="text"/>
Gas Temp.	<input type="text"/>	Specific Gravity	<input type="text"/>	Pipe ID (in)	<input type="text"/>	Specific Gravity	<input type="text"/>
Elevation (ft)	<input type="text"/>			Orifice Size (in)	<input type="text"/>	Elevation (ft)	<input type="text"/>
Beginning Date & Time	<input type="text"/>	Ending Date & Time	<input type="text"/>	Avg Pressure	<input type="text"/>		
Reference Meter Number	<input type="text"/>	Blowdown (MCF)	<input type="text"/>	Reference Meter Number	<input type="text"/>	Volume Lost (MCF)	<input type="text"/>
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Gas Temp.	<input type="text"/>	Specific Gravity	<input type="text"/>	Pipe ID (in)	<input type="text"/>	Specific Gravity	<input type="text"/>
Elevation (ft)	<input type="text"/>			Orifice Size (in)	<input type="text"/>	Elevation (ft)	<input type="text"/>
Beginning Date & Time	<input type="text"/>	Ending Date & Time	<input type="text"/>	Avg Pressure	<input type="text"/>		

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

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

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**Comments:**

We blew down the Winkler 10" to work a stuck pig. It was blown down through a remote flare setup with a three phase separator. All the liquids collected were offloaded at the Wildhog station. Utilize Wild Hog discharge sample for calcs.

Sante Fe Main Office  
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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 432770

**DEFINITIONS**

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 432770
	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:

- 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 432770

**QUESTIONS**

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	Action Number: 432770
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**QUESTIONS**

<b>Prerequisites</b>	
<i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	Unavailable.
Incident Facility	[APP2123031392] TARGA NORTHERN DELAWARE, LLC.

<b>Determination of Reporting Requirements</b>	
<i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
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, major venting and/or flaring of natural gas.
<i>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.</i>	
Was there <b>at least 50 MCF</b> of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of <b>ANY</b> 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 within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

<b>Equipment Involved</b>	
Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	76
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	2,000
Carbon Dioxide (CO2) percentage, if greater than one percent	5
Oxygen (O2) percentage, if greater than one percent	0
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
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.

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QUESTIONS, Page 2

Action 432770

**QUESTIONS (continued)**

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	Action Number: 432770
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/14/2025
Time vent or flare was discovered or commenced	08:00 AM
Time vent or flare was terminated	02:00 PM
Cumulative hours during this event	6

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Freeze   Pipeline (Any)   Natural Gas Flared   Released: 1,277 Mcf   Recovered: 0 Mcf   Lost: 1,277 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 to remove an obstruction in the Winkler 10-inch inlet pipeline into the facility. It was necessary to route the pipeline blowdown to flare to protect personnel and equipment.
Steps taken to limit the duration and magnitude of vent or flare	Gas was flared until the obstruction was removed.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The obstruction was removed, and the emission event ended. After the end of the event, the inlet pipeline was returned to normal service.



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ACKNOWLEDGMENTS

Action 432770

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	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 <b>complete</b> 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

Action 432770

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	Action Number: 432770
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**CONDITIONS**

Created By	Condition	Condition Date
jfuentes	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.	2/18/2025