

Diablo EZReporter Analysis Report

Sample Information

	Sample Information
Sample Name	139100090 Gas to Saunders
Sampled By	Paul Torres/ Targa Resources
Analyzer Make and Model	Inficon Micro GC Fusion
Inficon Micro GC Fusion	
Ambient Air Temperture	61
Sampling Flow Rate	5068.52
Hexanes + Split	60-30-10
Last Calibration/Validation Date	4/10/25
PA Number	
Heat Tracing	Heated Hose/Heated Flow Conditioner
Type of Sample	Spot Portable GC
Operator	Targa
Method Name	Isothermal
Report Date	2025-04-11 09:24:12
Source Data File	fb68f05d-6d20-4d79-a759-3a4216d4fcf3
Data Source	INFICON Fusion Connector

Component Results

Component Name	Ret. Time	Peak Area	Raw Amount	Norm%	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)	
Nitrogen	28.330	72821.8	4.1887	4.1908	0.04053	0.460	
Methane	29.170	1011066.7	73.4500	73.4859	0.40704	12.433	
Carbon Dioxide	33.220	44300.9	2.0865	2.0875	0.03172	0.356	
Ethane	43.280	229451.6	10.1911	10.1961	0.10586	2.721	
Propane	24.940	383828.4	5.8755	5.8784	0.08950	1.616	
i-Butane	27.920	66479.3	0.8573	0.8577	0.01721	0.280	
n-Butane	29.980	140837.8	1.7920	1.7929	0.03598	0.564	
i-Pentane	36.880	39278.5	0.4426	0.4428	0.01103	0.162	
n-Pentane	39.900	39904.6	0.4376	0.4378	0.01091	0.158	
Hexanes +	142.000	49460.0	0.4598	0.4600	0.01480	0.199	
H2S	0.000	0.0	0.1700	0.1701	0.00200	0.023	
Total:			99.9511	100.0000	0.76658	18.972	

Results Summary

Result	Dry	
Total Raw Mole% (Dry)	99.9511	
Pressure Base (psia)	14.650	
Temperature Base (Deg. F)	60.00	
Flowing Temperature (Deg. F)	114.1	
Flowing Pressure (psia)	536.6	
Gross Heating Value (BTU / Ideal cu.ft.)	1213.1	
Gross Heating Value (BTU / Real cu.ft.)	1217.5	
Relative Density (G), Real	0.7691	

Result	Dry	
Compressibility (Z) Factor	0.9964	
Gross Wobbe Index, Real	1388.327	

TCEQ Emission Event Reporting
Component Calculation Spreadsheet



Targa Resources
Field Event Emissions Calc sheet

Leak Calculations

Date/Time of Discovery	4/15/25 6:00
Date/Time Leak was Isolated	4/15/25 7:00
Diameter of hole, In	0.125
Diameter of Pipe, In	6
Pipeline Initial Pressure, PSIG	417

Blowdowns Controlled?

Yes

Blowdown Calculations

Blowdown #1	
Diameter of Pipe, In	10
Length Blown Down, Ft	34524
Pipeline Initial Pressure, PSIG	417
Pipeline End Pressure, PSIG	0
Temperature (F) inside pipe	60
Blowdown #1 Volume	534.15

Blowdown #3	
Diameter of Pipe, In	
Length Blown Down, Ft	
Pipeline Initial Pressure, PSIG	
Pipeline End Pressure, PSIG	
Temperature (F) inside pipe	
Blowdown #2 Volume	0.00

Blowdown #5	
Diameter of Pipe, In	
Length Blown Down, Ft	
Pipeline Initial Pressure, PSIG	
Pipeline End Pressure, PSIG	
Temperature (F) inside pipe	
Blowdown #3 Volume	0.00

Blowdown #2	
Diameter of Pipe, In	
Length Blown Down, Ft	
Pipeline Initial Pressure, PSIG	
Pipeline End Pressure, PSIG	
Temperature (F) inside pipe	
Blowdown #4 Volume	0.00

Blowdown #4	
Diameter of Pipe, In	
Length Blown Down, Ft	
Pipeline Initial Pressure, PSIG	
Pipeline End Pressure, PSIG	
Temperature (F) inside pipe	60
Blowdown #5 Volume	0.00

Blowdown #6	
Diameter of Pipe, In	
Length Blown Down, Ft	
Pipeline Initial Pressure, PSIG	
Pipeline End Pressure, PSIG	
Temperature (F) inside pipe	
Blowdown #6 Volume	0.00

Blowdown #7	
Diameter of Pipe, In	
Length Blown Down, Ft	
Pipeline Initial Pressure, PSIG	
Pipeline End Pressure, PSIG	
Temperature (F) inside pipe	
Blowdown #4 Volume	0.00

Blowdown #8	
Diameter of Pipe, In	
Length Blown Down, Ft	
Pipeline Initial Pressure, PSIG	
Pipeline End Pressure, PSIG	
Temperature (F) inside pipe	
Blowdown #5 Volume	0.00

Blowdown #9	
Diameter of Pipe, In	
Length Blown Down, Ft	
Pipeline Initial Pressure, PSIG	
Pipeline End Pressure, PSIG	
Temperature (F) inside pipe	
Blowdown #6 Volume	0.00

Gas Composition

Gas Component	Mole %
H2S	
Carbon Dioxide	
Nitrogen	
Methane	
Ethane	
Propane	
iso-Butane	
n-Butane	
iso-Pentane	
n-Pentane	
Cyclohexane	
Hexanes	
Heptanes	
Octanes	
Nonanes	
Decanes	
Benzene	
Toluene	
Xylenes	
Ethylbenzene	

TCEQ Emission Event Reporting Component Calculation Spreadsheet



Targa Resources
Field Event Emissions Calc sheet

Time of Event, HR =	1.00
Leak Volume, MCF =	6.75
Blowdown Volume, MCF =	534.15
Total Volume, MCF =	540.90

Component	Total Pounds Vented + Flared	Flow Rate (lb/hr)	Flow Rate (lb/24-Hours)	Reportable Quantity 24 hours	Exceeded RQ?	REPORT OR OK?
Carbon Monoxide (CO)	0.00	0.00	0.00	5,000.00	No	OK!
Hydrogen Sulfide	0.00	0.00	0.00	100.00	No	OK!
Oxides of Nitrogen (NOx) NRC	0.00	0.00	0.00	1,000.00	No	OK!
Oxides of Nitrogen (NOx) TCEQ	0.00	0.00	0.00	5,000.00	No	OK!
Sulfur Dioxide	0.00	0.00	0.00	500.00	No	OK!
Natural Gas VOCs	0.00	0.00	0.00	5,000.00	No	OK!
Component	Total Pounds Vented + Flared	Flow Rate (lb/hr)	Flow Rate (lb/24- Hours)	Reportable Quantity 24 hours	Exceeded RQ?	REPORT OR OK?
Benzene	0.00	0.00	0.00	10.00	No	OK!
Butane	0.00	0.00	0.00	5,000.00	No	OK!
Carbon Monoxide (CO)	0.00	0.00	0.00	5,000.00	No	OK!
Cyclohexane	0.00	0.00	0.00	1,000.00	No	OK!
Decane	0.00	0.00	0.00	5,000.00	No	OK!
Ethylbenzene	0.00	0.00	0.00	1,000.00	No	OK!
Heptane	0.00	0.00	0.00	5,000.00	No	OK!
Hexane	0.00	0.00	0.00	5,000.00	No	OK!
Hydrogen Sulfide	0.00	0.00	0.00	100.00	No	OK!
Nonane	0.00	0.00	0.00	5,000.00	No	OK!
Oxides of Nitrogen (NOx)	0.00	0.00	0.00	1,000.00	No	OK!
Octane	0.00	0.00	0.00	5,000.00	No	OK!
Pentane	0.00	0.00	0.00	5,000.00	No	OK!
Propane	0.00	0.00	0.00	5,000.00	No	OK!
Sulfur Dioxide	0.00	0.00	0.00	500.00	No	OK!
Toluene	0.00	0.00	0.00	1,000.00	No	OK!
Xylene	0.00	0.00	0.00	100.00	No	OK!

Updated 09/19/2023

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 452855

DEFINITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 452855
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

<p>For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:</p> <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 452855

QUESTIONS

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QUESTIONS

Prerequisites <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	[fAPP2123021777] Targa NM Gathering System

Determination of Reporting Requirements <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 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 within 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 <i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	73
Nitrogen (N2) percentage, if greater than one percent	4
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	2
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 452855

QUESTIONS (continued)

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	Action Number: 452855
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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/15/2025
Time vent or flare was discovered or commenced	06:00 AM
Time vent or flare was terminated	07:00 AM
Cumulative hours during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 541 Mcf Recovered: 0 Mcf Lost: 541 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
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 atmosphere as a result of an unexpected pipeline release. The unexpected release was due to corrosion. The pipeline was isolated and blowdown to accommodate repair of the pipeline.
Steps taken to limit the duration and magnitude of vent or flare	Operations personnel responded immediately to isolate the pipeline and repair it.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The line was isolated for the safety of personnel and the corroded segment of pipeline replaced. Once the line is determined to be safe to operate, it will be returned to service.

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ACKNOWLEDGMENTS

Action 452855

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	Action Number: 452855
	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

Action 452855

CONDITIONS

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	Action Number: 452855
	Action Type: [C-129] Venting and/or Flaring (C-129)

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.	4/16/2025