

## Gas Analysis Report

### Eunice

Plant <b>161</b>	Lab <b>Portable GC</b>
Producer	Analysis Date <b>7/14/2023 12:00:00 AM</b>
Meter : Lease <b>0232624 : South Booster Field Flare</b>	Analyzed By <b>BMS</b>
Effective Date <b>7/1/2023 12:00:00 AM</b>	Report No
Field Gravity <b>0.0000</b>	Sampled By <b>BMS</b>
Line Pressure <b>275</b>	Sample Taken <b>7/14/23</b>
Line Flow Rate <b>0</b>	Sample Type <b>Spot</b>
Line Temperature <b>0</b>	Cylinder No

Analysis Results Calculated at 14.65 psia and 60 degrees F

	<u>Mol %</u>	<u>GPM</u>
Nitrogen	1.883	
Carbon Dioxide	2.722	
Oxygen	0.000	
Water	0.000	
Hydrogen Sulfide	0.544	
Helium	0.000	
Methane	73.815	
Ethane	10.852	2.886
Propane	5.822	1.595
Isobutane	0.696	0.226
Normal Butane	1.952	0.612
IsoPentane	0.468	0.170
Normal Pentane	0.543	0.196
Hexane	0.704	0.288
Heptane	0.000	0.000
Octane	0.000	0.000
<b>Total</b>	<b>100.000</b>	<b>5.972</b>

<u>Condition</u>	<u>Real BTU/scf</u>	<u>Ideal BTU/scf</u>	<u>Relative Density</u>	<u>Compressibility (Z)</u>
Water Saturated	1,224.00	0.00	0.773	0.996
Dry	1,245.20	1,244.30	0.778	0.996
As Delivered	0.00	0.00	0.000	0.000
Water Content (lb/mmascfd)	0.00			
Calculated 26/70 Gasoline gpm	1.013			

Remarks: Notes:

Printed from Measurement Repository 7/31/23 12:39:08 PM GMT-05:00

Meter ID: 0232624

Location South Booster Field Flar

VRSDO.UIS

	DP	SP	Temp	Volume	Energy
	inH2O	psi	F	MCF	MBTU
7/29/23 0:00	0.000	23.993	78.402	0.000	0.000
7/29/23 1:00	0.000	27.444	77.339	0.000	0.000
7/29/23 2:00	0.000	33.821	73.678	0.000	0.000
7/29/23 3:00	0.454	38.013	72.527	4.467	5475.999
7/29/23 4:00	0.609	38.021	72.174	51.155	62715.450
7/29/23 5:00	0.000	36.838	70.497	0.000	0.000
7/29/23 6:00	0.000	35.751	72.870	0.000	0.000
7/29/23 7:00	0.000	35.244	82.341	0.000	0.000
7/29/23 8:00	0.000	33.832	86.031	0.000	0.000
7/29/23 9:00	0.000	32.006	91.249	0.000	0.000
7/29/23 10:00	0.000	25.365	95.626	0.000	0.000
7/29/23 11:00	0.000	23.726	98.828	0.000	0.000
7/29/23 12:00	0.000	23.361	99.865	0.000	0.000
7/29/23 13:00	0.000	23.091	97.828	0.000	0.000
7/29/23 14:00	0.000	22.820	101.299	0.000	0.000
7/29/23 15:00	0.000	22.401	100.954	0.000	0.000
7/29/23 16:00	0.000	21.626	102.169	0.000	0.000
7/29/23 17:00	0.000	21.828	101.164	0.000	0.000
7/29/23 18:00	0.000	21.846	97.539	0.000	0.000
7/29/23 19:00	0.000	21.918	92.059	0.000	0.000
7/29/23 20:00	0.000	21.846	88.074	0.000	0.000
7/29/23 21:00	0.000	21.750	84.501	0.000	0.000
7/29/23 22:00	0.000	21.580	83.340	0.000	0.000
7/29/23 23:00	0.000	21.438	79.929	0.000	0.000
<b>Avg/Total:</b>	0.04	27.06	87.51	55.6211	68191.4490

[illegible]

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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 246110

DEFINITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 246110
	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"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul>
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QUESTIONS

Action 246110

**QUESTIONS**

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 246110
	Action Type: [C-129] Venting and/or Flaring (C-129)

**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	[fLWP0113437861] EUNICE SOUTH COMPRESSOR STATION

<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, minor 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 <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	74
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	1
Carbon Dioxide (CO2) percentage, if greater than one percent	3
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 246110

QUESTIONS (continued)

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 246110
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	07/29/2023
Time vent or flare was discovered or commenced	03:57 AM
Time vent or flare was terminated	04:34 AM
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: 56 Mcf   Recovered: 0 Mcf   Lost: 56 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 flare when bolts broke on a cylinder on the compression unit.
Steps taken to limit the duration and magnitude of vent or flare	Cylinder compression unit bolts were replaced on the unit as quickly as possible to limit the duration of the emission event.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Cylinder compression unit bolts were replaced, the unit restarted, normal operations resumed and flaring ceased.



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ACKNOWLEDGMENTS

Action 246110

**ACKNOWLEDGMENTS**

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	Action Number:
	246110
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  
  
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	Action Number: 246110
	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.	7/31/2023