Certificate of Analysis

Number: 5030-22090254-001A

Midland Laboratory
2200 East I-20
Midland, TX 79706
Phone 432-689-7252

Jose Rosales
Marlin Operating, LLC
1371 Brumlow Ave
Suite A
Southlake, TX 76092

Sep. 14, 2022

Station Name: Pegasus 251
Sample Point: Sales Line
Cylinder No: 1111-008256
Analyzed: 09/13/2022 18:32:05 by DMA

Sampled By: Matt Casteneda
Sample Of: Gas Spot
Sample Date: 09/13/2022 11:30
Sample Conditions: 166 psig
Method: GPA 2286

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.055	0.066		GPM TOTAL C2+	7.420
Nitrogen	2.839	2.782		GPM TOTAL C3+	5.561
Carbon Dioxide	8.149	12.545		GPM TOTAL iC5+	3.922
Methane	66.564	37.355			
Ethane	6.912	7.270	1.859		
Propane	3.188	4.917	0.884		
Iso-butane	0.575	1.169	0.189		
n-Butane	1.785	3.629	0.566		
Iso-pentane	1.201	3.031	0.442		
n-Pentane	1.701	4.293	0.620		
Hexanes Plus	7.031	22.943	2.860		
	100.000	100.000	7.420		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9922	3.2114
Calculated Molecular Weight	28.59	93.01
Compressibility Factor	0.9938	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1430	4980
Water Sat. Gas Base BTU	1405	4893

Comments: H2S Field Content 550 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

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Sample Date: 09/13/2022 11:30
Sample Conditions: 166 psig
Method: GPA 2286

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.055	0.066		GPM TOTAL C2+	7.4200
Nitrogen	2.839	2.782		GPM TOTAL C3+	5.5610
Methane	66.564	37.355		GPM TOTAL iC5+	3.9220
Carbon Dioxide	8.149	12.545			
Ethane	6.912	7.270	1.859		
Propane	3.188	4.917	0.884		
Iso-Butane	0.575	1.169	0.189		
n-Butane	1.785	3.629	0.566		
Iso-Pentane	1.201	3.031	0.442		
n-Pentane	1.701	4.293	0.620		
Hexanes	2.710	8.115	1.107		
Heptanes Plus	4.321	14.828	1.753		
	100.000	100.000	7.420		

Calculated Physical Properties	Total	C7+
Relative Density Real Gas	0.9922	3.3793
Calculated Molecular Weight	28.59	97.87
Compressibility Factor	0.9938	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1429.8	5151.3
Water Sat. Gas Base BTU	1405.0	5073.3

Comments: H2S Field Content 550 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

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Sep. 14, 2022

Station Name: Pegasus 251
Sample Point: Sales Line
Cylinder No: 1111-008256
Analyzed: 09/13/2022 18:32:05 by DMA

Sampled By: Matt Casteneda
Sample Of: Gas Spot
Sample Date: 09/13/2022 11:30
Sample Conditions: 166 psig
Method: GPA 2286

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia
Hydrogen Sulfide	0.055	0.066	
Nitrogen	2.839	2.782	
Carbon Dioxide	8.149	12.545	
Methane	66.564	37.355	
Ethane	6.912	7.270	1.859
Propane	3.188	4.917	0.884
Iso-Butane	0.575	1.169	0.189
n-Butane	1.785	3.629	0.566
Iso-Pentane	1.201	3.031	0.442
n-Pentane	1.701	4.293	0.620
i-Hexanes	1.665	4.945	0.673
n-Hexane	1.045	3.170	0.434
Benzene	0.236	0.641	0.066
Cyclohexane	0.576	1.695	0.197
i-Heptanes	1.128	3.678	0.467
n-Heptane	0.321	1.136	0.149
Toluene	0.504	1.635	0.170
i-Octanes	0.790	2.985	0.352
n-Octane	0.118	0.474	0.061
Ethylbenzene	0.092	0.337	0.036
Xylenes	0.183	0.670	0.071
i-Nonanes	0.194	0.835	0.095
n-Nonane	0.046	0.199	0.026
Decane Plus	0.133	0.543	0.063
	100.000	100.000	7.420

GPM TOTAL C2+ 7.420

Calculated Physical Properties	Total	C10+
Relative Density Real Gas	0.9922	4.3270
Calculated Molecular Weight	28.59	125.32
Compressibility Factor	0.9938	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1429.8	6471.8
Water Sat. Gas Base BTU	1405.0	6319.7

Comments: H2S Field Content 550 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

C-129

December 31, 2023 Measured Volume

Gas Flared
MCF
Flare Reported
79.89

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District IV
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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

DEFINITIONS

Operator: Marlin Operating, LLC 1371 Brumlow Avenue Southlake, TX 76092	OGRID: 331054
	Action Number: 298639
	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 298639

QUESTIONS

Operator: Marlin Operating, LLC 1371 Brumlow Avenue Southlake, TX 76092	OGRID: 331054
	Action Number: 298639
	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	**[fAPP2309032089] Pegasus CTB**

Determination of Reporting Requirements	
Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide addional guidance.	
Was this vent or flare caused by an emergency or malfunction	No
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	66
Nitrogen (N2) percentage, if greater than one percent	3
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	8
Oxygen (02) 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 (02) percentage quality requirement	*Not answered.*

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QUESTIONS (continued)

Operator: Marlin Operating, LLC 1371 Brumlow Avenue Southlake, TX 76092	OGRID: 331054
	Action Number: 298639
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	12/31/2023
Time vent or flare was discovered or commenced	06:00 AM
Time vent or flare was terminated	08:00 AM
Cumulative hours during this event	2

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure | Well | Natural Gas Flared | Released: 80 Mcf | Recovered: 0 Mcf | Lost: 80 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	Yes
Was notification of downstream activity received by this operator	No
Downstream OGRID that should have notified this operator	[331548] Targa Northern Delaware, LLC.
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	Midstream highline pressure
Steps taken to limit the duration and magnitude of vent or flare	Compression onsite
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Compressor onsite

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ACKNOWLEDGMENTS

Operator: Marlin Operating, LLC 1371 Brumlow Avenue Southlake, TX 76092	OGRID: 331054
	Action Number: 298639
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit a *Venting and/or Flaring* (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.
☑	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.
☑	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.
☑	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.
☑	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

Operator:	OGRID:
Marlin Operating, LLC 1371 Brumlow Avenue Southlake, TX 76092	331054
	Action Number: 298639
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
susan rysavy	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.	1/1/2024