Certificate of Analysis

Number: 6030-25101368-001A

Artesia Laboratory
200 E Main St.
Artesia, NM 88210
Phone 575-746-3481

Jose Rosales
Marlin Operating, LLC
PO Box 93419
Southlake, TX 76092

Station Name:	PEGASUS 23-35-16 CTB TEST 1 -- METER RUN	Report Date:	10/28/2025
Station Number:	661007	Sampled By:	FranciscoR
Station Location:	Marlin OP	Sample Of:	Gas
Sample Point:	METER RUN	Sample Type:	Spot
Heating Method:	N/A	Sample Conditions:	85 psig, @ 96 °F Ambient: 85 °F
Method:	GPA-2261M	Sample Date:	10/20/2025 11:30
Cylinder No:	1111-008291	Received Date:	10/21/2025
Instrument:	70142339 (Inficon GC-MicroFusion)	Login Date:	10/21/2025
Last Inst. Cal.:	10/20/2025 08:42:53	Effective Date:	10/01/2025
Analyzed:	10/23/2025 14:03:59 by CDW	Flow Rate:	2032.49 MSCFD
		Sampling Method:	Purge/Fill

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.000	0.070	0.108		GPM TOTAL C2+	6.006
Nitrogen	1.903	1.886	2.392		GPM TOTAL C3+	2.904
Methane	75.221	74.538	54.141		GPM TOTAL iC5+	0.523
Carbon Dioxide	2.427	2.405	4.792			
Ethane	11.665	11.559	15.737	3.102		
Propane	5.781	5.728	11.436	1.584		
Iso-butane	0.741	0.734	1.932	0.241		
n-Butane	1.773	1.757	4.624	0.556		
Iso-pentane	0.418	0.414	1.352	0.152		
n-Pentane	0.370	0.367	1.199	0.134		
Hexanes Plus	0.547	0.542	2.287	0.237		
	100.846	100.000	100.000	6.006		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7652	3.2176
Calculated Molecular Weight	22.09	93.19
Compressibility Factor	0.9962	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1250	5141
Water Sat. Gas Base BTU	1229	5052

Comments: H2S Field Content: 0.07 %

Mostafa Ahmadi

Petroleum Chemist

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

C-129

June 7, 2026 Measured Volume

Gas Flared
MCF
Flare Reported
79.75

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General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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 PO Box 93419 Southlake, TX 76092	OGRID: 331054
	Action Number: 592952
	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

Operator: Marlin Operating, LLC PO Box 93419 Southlake, TX 76092	OGRID: 331054
	Action Number: 592952
	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	75
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	2
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 PO Box 93419 Southlake, TX 76092	OGRID: 331054
	Action Number: 592952
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	06/07/2026
Time vent or flare was discovered or commenced	05:00 AM
Time vent or flare was terminated	06:00 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: Normal Operations | 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	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.	False
Please explain reason for why this event was beyond this operator's control	*Not answered.*
Steps taken to limit the duration and magnitude of vent or flare	Revisit VRU design
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Resize VRU

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ACKNOWLEDGMENTS

Operator: Marlin Operating, LLC PO Box 93419 Southlake, TX 76092	OGRID: 331054
	Action Number: 592952
	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: Marlin Operating, LLC PO Box 93419 Southlake, TX 76092	OGRID: 331054
	Action Number: 592952
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
kathy short	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.	6/8/2026