Certificate of Analysis

Number: 6030-22070307-005A

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

Lee Weatherford
Steward Energy
2600 Dallas Pkwy Suite 400
Frisco, TX 75034

July 26, 2022

Station Name: Huell Fee 5H
Station Number: 57270179
Station Location: Steward Energy
Sample Point: Meter Run
Analyzed: 07/25/2022 15:23:10 by KNF

Sampled By: Cameron Rivera
Sample Of: Gas Spot
Sample Date: 07/23/2022 03:05
Sample Conditions: 65.5 psig, @ 109.5 °F
Method: GPA 2286
Cylinder No: 5030-04842

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia
Hydrogen Sulfide	0.822	1.011	
Nitrogen	4.532	4.584	
Methane	54.228	31.408	
Carbon Dioxide	8.382	13.319	
Ethane	15.338	16.652	4.124
Propane	9.299	14.805	2.575
Iso-Butane	1.315	2.760	0.433
n-Butane	2.986	6.266	0.946
Iso-Pentane	0.785	2.045	0.289
n-Pentane	0.802	2.089	0.293
i-Hexanes	0.359	1.086	0.143
n-Hexane	0.203	0.623	0.083
Benzene	0.187	0.524	0.052
Cyclohexane	0.084	0.254	0.029
i-Heptanes	0.245	0.819	0.099
n-Heptane	0.063	0.229	0.029
Toluene	0.081	0.268	0.027
i-Octanes	0.134	0.523	0.062
n-Octane	0.021	0.084	0.011
Ethylbenzene	0.027	0.101	0.010
Xylenes	0.020	0.075	0.008
i-Nonanes	0.038	0.167	0.019
n-Nonane	0.010	0.049	0.006
Decanes Plus	0.039	0.259	0.029
	100.000	100.000	9.267

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July 26, 2022

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Station Number:	57270179	Sample Of:	Gas Spot
Station Location:	Steward Energy	Sample Date:	07/23/2022 03:05
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Analyzed:	07/25/2022 15:23:10 by KNF	Method:	GPA 2286
		Cylinder No:	5030-04842

Calculated Physical Properties	**Total**	**C10+**
Calculated Molecular Weight	27.70	162.91
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1347.0	8833.7
Water Sat. Gas Base BTU	1323.6	8632.4
Relative Density Real Gas	0.9612	5.6247
Compressibility Factor	0.9945	
Ideal, Gross HV - Wet	1316.4	
Ideal, Gross HV - Dry at 14.73 psia	1339.7	
Net BTU Dry Gas - real gas	1229	
Net BTU Wet Gas - real gas	1207	

Comments: H2S Field Content 8,217 ppm
Mcf/day 195.4

Data reviewed by: Krystle Fitzwater, Laboratory Manager

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

Calculations for the total Mcf flared
End Meter Volume – the Begin Meter Volume.

***Composition for the gas has been entered into the question portion of the C-129.
If further back up is needed please let us know and will provide requested data.

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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

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 302251
	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 302251

QUESTIONS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 302251
	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	**[fAPP2305752280] Wexler Fee Tank Battery**

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	Yes
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	Gas Plant
Additional details for Equipment Involved. Please specify	Campo Viejo Train I complete needed tie ins to Campo Train II, completion on the Estacado AGI well, KM meter upgrade, LCEC substation upgrade, and other maintenance items on Campo Viejo Train I.

Representative Compositional Analysis of Vented or Flared Natural Gas	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	54
Nitrogen (N2) percentage, if greater than one percent	5
Hydrogen Sulfide (H2S) PPM, rounded up	8,217
Carbon Dioxide (C02) percentage, if greater than one percent	13
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: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 302251
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	01/09/2024
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	09:17 PM
Cumulative hours during this event	21

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	Cause: Midstream Scheduled Maintenance | Gas Plant | Natural Gas Flared | Released: 496 Mcf | Recovered: 0 Mcf | Lost: 496 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	Yes
Downstream OGRID that should have notified this operator	[371874] STAKEHOLDER GAS SERVICES, LLC
Date notified of downstream activity requiring this vent or flare	12/15/2023
Time notified of downstream activity requiring this vent or flare	10:00 AM

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	All gas is connected to Stakeholder Midstream Gas Pipeline. Any flaring is due to an upset at their plant or within their gathering system.
Steps taken to limit the duration and magnitude of vent or flare	This is out of our control. Stakeholder attempts to rectify every situation as quickly as possible.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Stakeholder is proceeding with the addition of a second gas processing train for capacity expansion of the Campo Viejo Gas Processing Plant. The work will be completed as quickly as possible to bring the plant back online.

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ACKNOWLEDGMENTS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 302251
	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

Action 302251

CONDITIONS

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	Action Number: 302251
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
jquine	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.	1/10/2024