



Certificate of Analysis

Number: 6030-22110246-006A

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

Nov. 21, 2022

Station Name: Pollos Hermanos Battery Sales
Station Number: 50516
Station Location: Steward
Sample Point: Meter Run
Instrument: 6030_GC2 (Agilent GC-7890B)
Last Inst. Cal.: 11/10/2022 7:46 AM
Analyzed: 11/19/2022 14:15:25 by EBH

Sampled By: Hill
Sample Of: Gas Spot
Sample Date: 11/14/2022
Sample Conditions: 45.4 psig, @ 46.9 °F Ambient: 42 °F
Effective Date: 11/14/2022
Method: GPA 2286
Cylinder No: 5030-03681

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.000	2.11500	3.011		GPM TOTAL C2+	6.172
Nitrogen	5.659	5.54600	6.490		GPM TOTAL C3+	2.849
Methane	66.463	65.13600	43.650		GPM TOTAL iC5+	0.651
Carbon Dioxide	5.622	5.51000	10.129			
Ethane	12.630	12.37800	15.547	3.323		
Propane	5.499	5.38900	9.926	1.490		
Iso-butane	0.732	0.71700	1.741	0.236		
n-Butane	1.523	1.49300	3.625	0.472		
Iso-pentane	0.486	0.47600	1.435	0.174		
n-Pentane	0.433	0.42400	1.278	0.154		
Hexanes Plus	0.833	0.81600	3.168	0.323		
	99.880	100.00000	100.000	6.172		

Calculated Physical Properties

Relative Density Real Gas	0.8294	3.1968
Calculated Molecular Weight	23.94	92.59
Compressibility Factor	0.9961	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.73 psia & 60°F

Real Gas Dry BTU	1181	4913
Water Sat. Gas Base BTU	1161	4828
Ideal, Gross HV - Dry at 14.73 psia	1176.8	4913.0
Ideal, Gross HV - Wet	1156.3	0.000

Comments: H2S Field Content 21148 ppm

Hydrocarbon 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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Station Name: Pollos Hermanos Battery Sales
Station Number: 50516
Station Location: Steward
Sample Point: Meter Run
Analyzed: 11/19/2022 14:12:06 by EBHSampled By: Hill
Sample Of: Gas Spot
Sample Date: 11/14/2022
Sample Conditions: 45.4 psig, @ 46.9 °F
Method: GPA 2286
Cylinder No: 5030-03681

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia
Hydrogen Sulfide	2.115	3.011	
Nitrogen	5.546	6.490	
Methane	65.136	43.650	
Carbon Dioxide	5.510	10.129	
Ethane	12.378	15.547	3.323
Propane	5.389	9.926	1.490
Iso-Butane	0.717	1.741	0.236
n-Butane	1.493	3.625	0.472
Iso-Pentane	0.476	1.435	0.174
n-Pentane	0.424	1.278	0.154
i-Hexanes	0.187	0.663	0.075
n-Hexane	0.099	0.359	0.041
Benzene	0.122	0.400	0.035
Cyclohexane	0.046	0.163	0.016
i-Heptanes	0.125	0.482	0.050
n-Heptane	0.030	0.127	0.014
Toluene	0.054	0.208	0.018
i-Octanes	0.067	0.293	0.030
n-Octane	0.008	0.040	0.004
Ethylbenzene	0.017	0.072	0.006
Xylenes	0.009	0.039	0.004
i-Nonanes	0.021	0.111	0.010
n-Nonane	0.004	0.020	0.002
Decanes Plus	0.027	0.191	0.018
	100.000	100.000	6.172



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Nov. 21, 2022

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Station Number: 50516
Station Location: Steward
Sample Point: Meter Run
Analyzed: 11/19/2022 14:12:06 by EBHSampled By: Hill
Sample Of: Gas Spot
Sample Date: 11/14/2022
Sample Conditions: 45.4 psig, @ 46.9 °F
Method: GPA 2286
Cylinder No: 5030-03681

Calculated Physical Properties	Total	C10+
Calculated Molecular Weight	23.94	172.58
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1181.4	9385.4
Water Sat. Gas Base BTU	1160.9	9185.7
Relative Density Real Gas	0.8294	5.9587
Compressibility Factor	0.9961	
Ideal, Gross HV - Wet	1156.3	
Ideal, Gross HV - Dry at 14.73 psia	1176.8	
Net BTU Dry Gas - real gas	1074	
Net BTU Wet Gas - real gas	1055	

Comments: H2S Field Content 21148 ppm

Hydrocarbon 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

Action 315748

DEFINITIONS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 315748
	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">• 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 315748

QUESTIONS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 315748
	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	[fAPP2305749937] Pollo Hermanos Tank Battery

Determination of Reporting Requirements Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional 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	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	65
Nitrogen (N2) percentage, if greater than one percent	6
Hydrogen Sulfide (H2S) PPM, rounded up	21,148
Carbon Dioxide (C02) percentage, if greater than one percent	6
Oxygen (O2) 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 (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 315748

QUESTIONS (continued)

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 315748
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	01/26/2024
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	24

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: 243 Mcf Recovered: 0 Mcf Lost: 243 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	[712133] STAKEHOLDER MIDSTREAM 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	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. Steward Energy II has agreed to certain producer commitments in order to support this expansion

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ACKNOWLEDGMENTS

Action 315748

ACKNOWLEDGMENTS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 315748
	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 315748

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Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 315748
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
gkirkland	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.	2/19/2024