



## Certificate of Analysis

Number: 6030-22050194-001A

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

May 17, 2022

Station Name: Pollos Hermanos Battery Sales  
Station Number: 50516  
Station Location: Steward  
Sample Point: Meter run  
Analyzed: 05/17/2022 07:22:42 by ERG

Sampled By: Derek Sauder  
Sample Of: Gas Spot  
Sample Date: 05/11/2022 02:20  
Sample Conditions: 74.8 psig, @ 107.2 °F  
Method: GPA-2261M  
Cylinder No: 1111-007434

## Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	1.330	1.902		GPM TOTAL C2+
Nitrogen	5.389	6.335		GPM TOTAL C3+
Methane	66.117	44.511		GPM TOTAL iC5+
Carbon Dioxide	5.281	9.753		
Ethane	12.509	15.784	3.350	
Propane	5.283	9.776	1.458	
Iso-Butane	0.699	1.705	0.229	
n-Butane	1.568	3.825	0.495	
Iso-Pentane	0.505	1.529	0.185	
n-Pentane	0.490	1.484	0.178	
Hexanes	0.379	1.371	0.156	
Heptanes Plus	0.450	2.025	0.219	
	100.000	100.000	6.270	

Calculated Physical Properties	Total	C7+
Relative Density Real Gas	0.8257	3.7019
Calculated Molecular Weight	23.83	107.22
Compressibility Factor	0.9960	

## GPA 2172 Calculation:

Calculated Gross BTU per ft<sup>3</sup> @ 14.696 psia & 60°F

Real Gas Dry BTU	1194	5876
Water Sat. Gas Base BTU	1173	5773
Ideal, Gross HV - Dry at 14.696 psia	1188.7	5875.8
Ideal, Gross HV - Wet	1167.9	

Comments: H2S Field Content 13,298.0 ppm  
Mcf/day 89.0

Hydrocarbon Laboratory Manager

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

<u>Date</u>	<u>Gas Flare</u>	<u>Gas Prod</u>	<u>Approx Hrs</u>	<u>Midstream (Stakeholder) Plant/Gathering Upset Documentation</u>
4/1/2022	0	139.00	0.00	
4/2/2022	0	143.00	0.00	
4/3/2022	0	143.00	0.00	
4/4/2022	0	140.00	0.00	
4/5/2022	17	142.27	2.91	Cornell down for Targa maintenance, Estimated 23 hrs down
4/6/2022	30	133.95	5.37	Cornell down for Targa maintenance, Estimated 23 hrs down
4/7/2022	40	147.04	6.56	Cornell down for Targa maintenance, Estimated 23 hrs down
4/8/2022	12	138.55	2.00	Cornell down for Targa maintenance, Estimated 23 hrs down
4/9/2022	73	140.00	12.49	Cornell down for Targa maintenance, Estimated 23 hrs down
4/10/2022	105	146.05	17.26	Cornell down for Targa maintenance, Estimated 23 hrs down
4/11/2022	118	144.38	19.57	Cornell down for Targa maintenance, Estimated 23 hrs down
4/12/2022	114	148.86	18.46	Cornell down due to Targa plant issues
4/13/2022	59	139.29	10.10	Cornell down due to Targa plant issues
4/14/2022	50	137.36	8.69	Cornell down due to Targa plant issues
4/15/2022	25	137.35	4.43	Cornell down due to Targa plant issues
4/16/2022	61	136.83	10.73	Cornell down due to Targa plant issues
4/17/2022	76	137.30	13.36	Cornell down due to Targa plant issues
4/18/2022	104	143.41	17.35	Cornell down due to Targa plant issues
4/19/2022	90	142.66	15.13	Start shutdown of Campo Viejo for Expansion Tie-ins
4/20/2022	145	153.20	22.67	Campo Viejo shutdown for Expansion Tie-ins
4/21/2022	149	149.12	24.00	Campo Viejo shutdown for Expansion Tie-ins
4/22/2022	154	154.19	24.00	Campo Viejo shutdown for Expansion Tie-ins
4/23/2022	148	148.38	24.00	Campo Viejo shutdown for Expansion Tie-ins
4/24/2022	150	149.75	24.00	Campo Viejo shutdown for Expansion Tie-ins
4/25/2022	145	145.41	24.00	Campo Viejo shutdown for Expansion Tie-ins
4/26/2022	147	147.19	24.00	Campo Viejo shutdown for Expansion Tie-ins
4/27/2022	147	146.73	24.00	Campo Viejo shutdown for Expansion Tie-ins
4/28/2022	100	135.95	17.64	Campo Viejo shutdown for Expansion Tie-ins
4/29/2022	39	141.39	6.57	Campo Viejo shutdown for Expansion Tie-ins
4/30/2022	22	139.11	3.76	Campo Viejo shutdown for Expansion Tie-ins
	<b>2320</b>	<b>4291</b>	<b>383.03</b>	

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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 113770

DEFINITIONS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 113770
	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 113770

**QUESTIONS**

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 113770
	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	[30-025-44038] POLLOS HERMANOS STATE COM #002H
Incident Facility	Not answered.

**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	Yes
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, major 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 <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

**Equipment Involved**

Primary Equipment Involved	Separator
Additional details for Equipment Involved. Please specify	All gas is connected to Stakeholder Midstream Gas Pipeline. Any flaring is from gas off the separator and sent to flare and is due to an upset at their plant or within their gathering system.

**Representative Compositional Analysis of Vented or Flared Natural Gas**

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	45
Nitrogen (N2) percentage, if greater than one percent	6
Hydrogen Sulfide (H2S) PPM, rounded up	2
Carbon Dioxide (CO2) percentage, if greater than one percent	10
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 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 113770

QUESTIONS (continued)

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 113770
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/05/2022
Time vent or flare was discovered or commenced	07:00 AM
Time vent or flare was terminated	07:00 AM
Cumulative hours during this event	383

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Midstream Emergency Maintenance   Separator   Natural Gas Flared   Released: 2,320 Mcf   Recovered: 0 Mcf   Lost: 2,320 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	[329800] Stakeholder Gas Utility, LLC
Date notified of downstream activity requiring this vent or flare	04/05/2022
Time notified of downstream activity requiring this vent or flare	07:00 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 expansion of the Campo Viejo Gas Processing Plant. Steward Energy II has agreed to certain producer commitments in order to support this expansion expected to be completed April 2022.

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ACKNOWLEDGMENTS

Action 113770

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**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

Action 113770

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	Action Number: 113770
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
nwhite	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.	6/6/2022