



## Certificate of Analysis

Number: 6030-22080286-001A

Artesia Laboratory

200 E Main St.

Artesia, NM 88210

Phone 575-746-3481

Station Name: Huell SH  
 Station Location: Steward Energy  
 Sample Point: Heater Treater  
 Cylinder No: 5030-00564  
 Analyzed: 08/22/2022 13:36:26 by KNF

Sep. 06, 2022  
 Sampled By: Cameron Rivera  
 Sample Of: Liquid Spot  
 Sample Date: 08/19/2022 08:45  
 Sample Conditions: 42.2 psig, @ 87.2 °F  
 Method: GPA 2103M

## Analytical Data

Components	Mol. %	MW	Wt. %	Sp. Gravity	L.V. %
Nitrogen	0.015	28.013	0.002	0.8069	0.002
Methane	0.625	16.043	0.049	0.3000	0.140
Carbon Dioxide	0.279	44.010	0.060	0.8172	0.063
Ethane	1.647	30.069	0.242	0.3563	0.582
Propane	3.370	44.096	0.726	0.5072	1.227
Iso-Butane	1.077	58.122	0.306	0.5628	0.466
n-Butane	3.775	58.122	1.072	0.5842	1.573
Iso-Pentane	2.309	72.149	0.814	0.6251	1.116
n-Pentane	2.956	72.149	1.042	0.6307	1.416
i-Hexanes	15.715	86.175	6.617	0.6641	8.539
n-Hexane	10.699	86.175	4.505	0.6641	5.814
2,2,4-Trimethylpentane	0.043	114.229	0.024	0.6964	0.030
Benzene	2.552	78.112	0.974	0.8844	0.944
Heptanes	6.078	100.202	2.976	0.6882	3.706
Toluene	2.834	92.138	1.276	0.8719	1.254
Octanes	4.954	114.229	2.765	0.7066	3.354
Ethylbenzene	1.702	106.165	0.883	0.8716	0.868
Xylenes	1.471	106.167	0.763	0.8761	0.746
Nonanes	2.946	128.255	1.846	0.7222	2.190
Decanes Plus	34.953	427.773	73.058	0.9490	65.970
	100.000		100.000		100.000

## Calculated Physical Properties

	Total	C10+
Specific Gravity at 60°F	0.8570	0.9490
API Gravity at 60°F	33.616	17.599
Molecular Weight	204.660	427.773
Pounds per Gallon (in Vacuum)	7.145	7.912
Pounds per Gallon (in Air)	7.137	7.904
Cu. Ft. Vapor per Gallon @ 14.696 psia	13.248	7.019

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.

Huell Fee 5H	9/14/2022	0.00	025-49775
Huell Fee 5H	9/15/2022	168.00	
Huell Fee 5H	9/16/2022	101.00	

401 E. Sonterra Blvd., Ste. 215  
San Antonio, TX 78258



210-444-9664  
info@stakeholderms.com

September 16, 2022

Steward Energy II, LLC  
2600 N. Dallas Parkway  
Frisco, TX 75034  
Attn: William McMann

Re: Plant Outage Associated with Moisture Breakthrough and Blockage in Cryo

Dear Bill,

The purpose of this notice is to provide information regarding the recent outage at the Campo Viejo Plant (the "Plant").

In July of 2022, Stakeholder brought online its recent capacity expansion. During this period, Stakeholder identified that a moisture breakthrough had occurred from the dehydration beds, and that a small amount of water was introduced to the cryogenic process. At the time, it was determined that the impact of the moisture was de minimis to the current operations and could safely be addressed at a later date.

In August, Stakeholder became aware of a blockage in the process that had an impact on the operating efficiency of the plant, but did not impact overall utilization or present a safety concern. Stakeholder decided to maintain operations while closely monitoring the situation, noting that at some point in the future, an outage would be required to address the blockage.

On Saturday, September 10<sup>th</sup>, Stakeholder observed a notable change in the operating condition of the plant, indicating a shift of the blockage to another phase of the process, and began reviewing options to mitigate the potential risk. On Monday, September 12<sup>th</sup>, Stakeholder determined that the best course of action would be to address the blockage immediately to avoid a greater impact and longer plant downtime by waiting to address the issue in the future.

The following steps were taken to address the blockage:

- 9/13 – Received nitrogen waiver for the outage in order to minimize downtime
- 9/14, 7:00a – Shut down Campo Viejo to begin warmup and depressuring of cryo tower
- 9/15, 3:30p – Completed cleanout and reintroduced field gas and began plant startup process; total inlet flow limited to 40MMcfd due to residue market limitations
- 9/16, 10:30a – Plant restored to full capacity

We appreciate your patience and business. If you have any questions, please do not hesitate to contact me at 210-888-5087.

Respectfully,

A handwritten signature in blue ink, appearing to read "Josh Roberts".

Josh Roberts  
Chief Operating Officer

**District I**  
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**District IV**  
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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 145694

DEFINITIONS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 145694
	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 145694

**QUESTIONS**

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	Action Number: 145694
	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	[30-025-49775] HUELL FEE #005H
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, 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 <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	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	1
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	0
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 145694

QUESTIONS (continued)

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

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	09/16/2022
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	10:30 AM
Cumulative hours during this event	10

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 Well   Natural Gas Flared   Released: 101 Mcf   Recovered: 0 Mcf   Lost: 101 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	Yes
Downstream OGRID that should have notified this operator	[371874] STAKEHOLDER GAS SERVICES, LLC
Date notified of downstream activity requiring this vent or flare	09/13/2022
Time notified of downstream activity requiring this vent or flare	04:30 PM

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	Please see Stakeholder letter
Steps taken to limit the duration and magnitude of vent or flare	Please see Stakeholder letter
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Please see Stakeholder letter

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ACKNOWLEDGMENTS

Action 145694

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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

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**CONDITIONS**

Created By	Condition	Condition Date
krislee	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.	9/23/2022