



## Certificate of Analysis

Number: 6030-22110246-004A

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: Slippin Jimmy Battery Sales

Station Number: 40419

Station Location: Steward

Sample Point: Meter Run

Instrument: 6030\_GC2 (Agilent GC-7890B)

Last Inst. Cal.: 11/10/2022 7:46 AM

Analyzed: 11/18/2022 12:03:50 by EBH

Sampled By: Hill

Sample Of: Gas Spot

Sample Date: 11/14/2022

Sample Conditions: 40.1 psig, @ 72.8 °F Ambient: 41 °F

Effective Date: 11/14/2022

Method: GPA 2286

Cylinder No: 1111-005456

## Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.000	0.81000	1.093		GPM TOTAL C2+	7.048
Nitrogen	4.966	4.95000	5.488		GPM TOTAL C3+	3.893
Methane	64.680	64.47000	40.935		GPM TOTAL iC5+	1.253
Carbon Dioxide	5.803	5.78400	10.075			
Ethane	11.787	11.74900	13.983	3.155		
Propane	6.193	6.17300	10.774	1.708		
Iso-butane	0.870	0.86700	1.994	0.285		
n-Butane	2.052	2.04500	4.704	0.647		
Iso-pentane	0.604	0.60200	1.719	0.222		
n-Pentane	0.610	0.60800	1.736	0.222		
Hexanes Plus	1.948	1.94200	7.499	0.809		
	99.513	100.00000	100.000	7.048		

## Calculated Physical Properties

Relative Density Real Gas

Total

0.8759

C6+

3.3598

Calculated Molecular Weight

25.27

97.31

Compressibility Factor

0.9954

## GPA 2172 Calculation:

Calculated Gross BTU per ft<sup>3</sup> @ 14.73 psia & 60°F

Real Gas Dry BTU

1272

5178

Water Sat. Gas Base BTU

1250

5088

Ideal, Gross HV - Dry at 14.73 psia

1266.2

5177.7

Ideal, Gross HV - Wet

1244.1

0.000

Comments: H2S Field Content 8099 ppm

Hydrocarbon Laboratory Manager

Quality Assurance:

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



## Certificate of Analysis

Number: 6030-22110246-004A

Artesia Laboratory

200 E Main St.  
Artesia, NM 88210  
Phone 575-746-3481Lee Weatherford  
Steward Energy  
2600 Dallas Pkwy Suite 400  
Frisco, TX 75034

Nov. 21, 2022

Station Name: Slippin Jimmy Battery Sales  
Station Number: 40419  
Station Location: Steward  
Sample Point: Meter Run  
Analyzed: 11/18/2022 11:59:35 by EBHSampled By: Hill  
Sample Of: Gas Spot  
Sample Date: 11/14/2022  
Sample Conditions: 40.1 psig, @ 72.8 °F  
Method: GPA 2286  
Cylinder No: 1111-005456

## Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia
Hydrogen Sulfide	0.810	1.093	
Nitrogen	4.950	5.488	
Methane	64.470	40.935	
Carbon Dioxide	5.784	10.075	
Ethane	11.749	13.983	3.155
Propane	6.173	10.774	1.708
Iso-Butane	0.867	1.994	0.285
n-Butane	2.045	4.704	0.647
Iso-Pentane	0.602	1.719	0.222
n-Pentane	0.608	1.736	0.222
i-Hexanes	0.325	1.083	0.130
n-Hexane	0.199	0.692	0.084
Benzene	0.163	0.506	0.046
Cyclohexane	0.091	0.301	0.031
i-Heptanes	0.298	1.093	0.122
n-Heptane	0.100	0.398	0.046
Toluene	0.123	0.452	0.041
i-Octanes	0.254	1.104	0.117
n-Octane	0.055	0.253	0.028
Ethylbenzene	0.064	0.271	0.025
Xylenes	0.057	0.236	0.022
i-Nonanes	0.107	0.507	0.054
n-Nonane	0.034	0.173	0.019
Decanes Plus	0.072	0.430	0.044
	100.000	100.000	7.048



## Certificate of Analysis

Number: 6030-22110246-004A

Artesia Laboratory

200 E Main St.  
Artesia, NM 88210  
Phone 575-746-3481Lee Weatherford  
Steward Energy  
2600 Dallas Pkwy Suite 400  
Frisco, TX 75034

Nov. 21, 2022

Station Name: Slippin Jimmy Battery Sales  
Station Number: 40419  
Station Location: Steward  
Sample Point: Meter Run  
Analyzed: 11/18/2022 11:59:35 by EBHSampled By: Hill  
Sample Of: Gas Spot  
Sample Date: 11/14/2022  
Sample Conditions: 40.1 psig, @ 72.8 °F  
Method: GPA 2286  
Cylinder No: 1111-005456

Calculated Physical Properties	Total	C10+
Calculated Molecular Weight	25.27	152.87
<b>GPA 2172 Calculation:</b>		
<b>Calculated Gross BTU per ft<sup>3</sup> @ 14.73 psia &amp; 60°F</b>		
Real Gas Dry BTU	1272.0	8232.9
Water Sat. Gas Base BTU	1249.8	8052.6
Relative Density Real Gas	0.8759	5.2782
Compressibility Factor	0.9954	
Ideal, Gross HV - Wet	1244.1	
Ideal, Gross HV - Dry at 14.73 psia	1266.2	
Net BTU Dry Gas - real gas	1158	
Net BTU Wet Gas - real gas	1138	

**Comments:** H2S Field Content 8099 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.

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

DEFINITIONS

Action 332488

DEFINITIONS

Operator: STEWARD ENERGY II, LLC 420 Throckmorton Fort Worth, TX 76102	OGRID: 371682
	Action Number: 332488
	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>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

QUESTIONS  
  
Action 332488

QUESTIONS

Operator: STEWARD ENERGY II, LLC 420 Throckmorton Fort Worth, TX 76102	OGRID: 371682
	Action Number: 332488
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

<b>Prerequisites</b> 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	[fAPP2305751333] Slippin Jimmy Tank Battery

<b>Determination of Reporting Requirements</b> 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	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

<b>Equipment Involved</b>	
Primary Equipment Involved	Gas Plant
Additional details for Equipment Involved. Please specify	Campo Viejo experienced a loss of the main HMO heater at Campo Viejo due to the storms in the area. With the loss of HMO heater, the plant had to shut down to a recycle due to no treating capabilities without the heater.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b> Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	64
Nitrogen (N2) percentage, if greater than one percent	5
Hydrogen Sulfide (H2S) PPM, rounded up	8,099
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.

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 2  
  
Action 332488

QUESTIONS (continued)

Operator: STEWARD ENERGY II, LLC 420 Throckmorton Fort Worth, TX 76102	OGRID: 371682
	Action Number: 332488
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/10/2024
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	03:13 AM
Cumulative hours during this event	3

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Power Failure   Gas Plant   Natural Gas Flared   Released: 253 Mcf   Recovered: 0 Mcf   Lost: 253 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	[371874] STAKEHOLDER GAS SERVICES, 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	Steward Energy aided Stakeholder in adding a second gas processing stream at the Campo Viejo Gas Processing Plant to help alleviate such issues. However, no accommodation can be made for unforeseen incidents such as this.





**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

ACKNOWLEDGMENTS  
  
Action 332488

ACKNOWLEDGMENTS

Operator: STEWARD ENERGY II, LLC 420 Throckmorton Fort Worth, TX 76102	OGRID: 371682
	Action Number: 332488
	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 <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.

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS  
  
Action 332488

CONDITIONS

Operator: STEWARD ENERGY II, LLC 420 Throckmorton Fort Worth, TX 76102	OGRID: 371682
	Action Number: 332488
	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.	4/11/2024