



Certificate of Analysis

Number: 6030-21080217-001A

Artesia Laboratory

200 E Main St.

Artesia, NM 88210

Phone 575-746-3481

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

Aug. 25, 2021

Station Name: Saul Goodman Battery

Station Number: 40405

Station Location: Steward

Sample Point: Meter Run

Instrument: 6030_GC2 (Agilent GC-7890B)

Last Inst. Cal.: 07/20/2021 12:57 PM

Analyzed: 08/25/2021 09:50:34 by KNF

Sampled By: Derek Sauder

Sample Of: Gas Spot

Sample Date: 08/21/2021 01:45

Sample Conditions: 48.9 psig, @ 101.2 °F Ambient: 91 °F

Effective Date: 08/21/2021 01:45

Method: GPA 2286

Cylinder No: 5030-01746

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.000	0.90600	1.300		GPM TOTAL C2+ 6.078
Nitrogen	4.645	4.64300	5.478		GPM TOTAL C3+ 3.114
Methane	68.242	68.21700	46.087		GPM TOTAL iC5+ 0.837
Carbon Dioxide	5.101	5.09900	9.450		
Ethane	11.071	11.06700	14.014	2.964	
Propane	5.422	5.42000	10.065	1.495	
Iso-butane	0.797	0.79700	1.951	0.261	
n-Butane	1.651	1.65000	4.039	0.521	
Iso-pentane	0.520	0.52000	1.580	0.190	
n-Pentane	0.542	0.54200	1.647	0.197	
Hexanes Plus	1.139	1.13900	4.389	0.450	
	99.130	100.00000	100.000	6.078	

Calculated Physical Properties

Relative Density Real Gas

Total

0.8227

C6+

3.1454

Calculated Molecular Weight

23.75

91.10

Compressibility Factor

0.9960

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU

1209

4851

Water Sat. Gas Base BTU

1188

4766

Ideal, Gross HV - Dry at 14.696 psia

1204.5

4851.0

Ideal, Gross HV - Wet

1183.5

0.000

Comments: H₂S Field Content 9,059 ppm
Mcf/day 277.0

Data reviewed by: Eric Ramirez, Analyst

Quality Assurance:

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



Certificate of Analysis

Number: 6030-21080217-001A

Artesia Laboratory

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

Aug. 25, 2021

Station Name: Saul Goodman Battery
Station Number: 40405
Station Location: Steward
Sample Point: Meter Run
Analyzed: 08/25/2021 08:58:14 by KNFSampled By: Derek Sauder
Sample Of: Gas Spot
Sample Date: 08/21/2021 01:45
Sample Conditions: 48.9 psig, @ 101.2 °F
Method: GPA 2286
Cylinder No: 5030-01746

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia
Hydrogen Sulfide	0.906	1.300	
Nitrogen	4.643	5.478	
Methane	68.217	46.087	
Carbon Dioxide	5.099	9.450	
Ethane	11.067	14.014	2.964
Propane	5.420	10.065	1.495
Iso-Butane	0.797	1.951	0.261
n-Butane	1.650	4.039	0.521
Iso-Pentane	0.520	1.580	0.190
n-Pentane	0.542	1.647	0.197
i-Hexanes	0.291	1.037	0.116
n-Hexane	0.166	0.591	0.067
Benzene	0.136	0.447	0.038
Cyclohexane	0.065	0.229	0.022
i-Heptanes	0.189	0.743	0.077
n-Heptane	0.048	0.203	0.022
Toluene	0.058	0.225	0.020
i-Octanes	0.101	0.458	0.046
n-Octane	0.014	0.065	0.007
Ethylbenzene	0.017	0.074	0.006
Xylenes	0.011	0.050	0.004
i-Nonanes	0.022	0.117	0.011
n-Nonane	0.006	0.033	0.004
Decanes Plus	0.015	0.117	0.010
	100.000	100.000	6.078



Certificate of Analysis

Number: 6030-21080217-001A

Artesia Laboratory

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

Aug. 25, 2021

Station Name: Saul Goodman Battery
Station Number: 40405
Station Location: Steward
Sample Point: Meter Run
Analyzed: 08/25/2021 08:58:14 by KNFSampled By: Derek Sauder
Sample Of: Gas Spot
Sample Date: 08/21/2021 01:45
Sample Conditions: 48.9 psig, @ 101.2 °F
Method: GPA 2286
Cylinder No: 5030-01746

Calculated Physical Properties	Total	C10+
Calculated Molecular Weight	23.75	153.25
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.696 psia & 60°F		
Real Gas Dry BTU	1209.3	8253.1
Water Sat. Gas Base BTU	1188.2	8076.8
Relative Density Real Gas	0.8227	5.2913
Compressibility Factor	0.9960	
Ideal, Gross HV - Wet	1183.5	
Ideal, Gross HV - Dry at 14.696 psia	1204.5	
Net BTU Dry Gas - real gas	1099	
Net BTU Wet Gas - real gas	1080	

Comments: H2S Field Content 9,059 ppm
Mcf/day 277.0

Data reviewed by: Eric Ramirez, Analyst

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	182.00	0.00	
4/2/2022	0	180.00	0.00	
4/3/2022	0	181.00	0.00	
4/4/2022	2	173.00	0.28	Cornell down for Targa maintenance, Estimated 23 hrs down
4/5/2022	2	173.00	0.28	Cornell down for Targa maintenance, Estimated 23 hrs down
4/6/2022	3	172.00	0.42	Cornell down for Targa maintenance, Estimated 23 hrs down
4/7/2022	2	171.00	0.28	Cornell down for Targa maintenance, Estimated 23 hrs down
4/8/2022	3	172.00	0.42	Cornell down for Targa maintenance, Estimated 23 hrs down
4/9/2022	4	172.00	0.56	Cornell down for Targa maintenance, Estimated 23 hrs down
4/10/2022	2	170.00	0.28	Cornell down for Targa maintenance, Estimated 23 hrs down
4/11/2022	2	170.00	0.28	Cornell down for Targa maintenance, Estimated 23 hrs down
4/12/2022	2	174.00	0.28	Cornell down due to Targa plant issues
4/13/2022	2	175.00	0.27	Cornell down due to Targa plant issues
4/14/2022	2	175.00	0.27	Cornell down due to Targa plant issues
4/15/2022	2	216.00	0.22	Cornell down due to Targa plant issues
4/16/2022	17	184.00	2.22	Cornell down due to Targa plant issues
4/17/2022	11	234.00	1.13	Cornell down due to Targa plant issues
4/18/2022	20	195.00	2.46	Cornell down due to Targa plant issues
4/19/2022	0	175.00	0.00	Start shutdown of Campo Viejo for Expansion Tie-ins
4/20/2022	179	179.00	24.00	Campo Viejo shutdown for Expansion Tie-ins
4/21/2022	178	178.00	24.00	Campo Viejo shutdown for Expansion Tie-ins
4/22/2022	180	180.00	24.00	Campo Viejo shutdown for Expansion Tie-ins
4/23/2022	178	178.00	24.00	Campo Viejo shutdown for Expansion Tie-ins
4/24/2022	179	179.00	24.00	Campo Viejo shutdown for Expansion Tie-ins
4/25/2022	180	180.00	24.00	Campo Viejo shutdown for Expansion Tie-ins
4/26/2022	177	177.00	24.00	Campo Viejo shutdown for Expansion Tie-ins
4/27/2022	179	179.00	24.00	Campo Viejo shutdown for Expansion Tie-ins
4/28/2022	181	181.00	24.00	Campo Viejo shutdown for Expansion Tie-ins
4/29/2022	180	180.00	24.00	Campo Viejo shutdown for Expansion Tie-ins
4/30/2022	75	178.00	10.11	Campo Viejo shutdown for Expansion Tie-ins
	1942	5413	259.76	

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 113858

DEFINITIONS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 113858
	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.

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 113858

QUESTIONS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 113858
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites	
<i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	[30-025-45129] SAUL GOODMAN FEE #002H
Incident Facility	Not answered.

Determination of Reporting Requirements	
<i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
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.
<i>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.</i>	
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	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	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	68
Nitrogen (N2) percentage, if greater than one percent	5
Hydrogen Sulfide (H2S) PPM, rounded up	1
Carbon Dioxide (CO2) percentage, if greater than one percent	5
Oxygen (O2) percentage, if greater than one percent	0
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
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.

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 113858

QUESTIONS (continued)

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 113858
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/04/2022
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	260

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: 1,942 Mcf Recovered: 0 Mcf Lost: 1,942 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	04/04/2022
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.

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 113858

ACKNOWLEDGMENTS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 113858
	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.

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 113858

CONDITIONS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 113858
	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