



Certificate of Analysis

Number: 6030-25120617-004A

Artesia Laboratory

200 E Main St.

Artesia, NM 88210

Phone 575-746-3481

Patrick Long
 Sendero Midstream Partners, LP
 1025 Bounds Road
 Loving, NM 88256

Station Name: Carlsbad Plant 1 Residue Gas
 Sampling Method: Purge/Fill
 Heating Method: N/A
 PO/Ref. No: 2167175001; CC 2167175001
 Method: GPA 2286
 Cylinder No: 1111-011643
 Instrument: 6030_GC2 (Agilent GC-7890B)
 Last Inst. Cal.: 12/08/2025 07:00:36
 Analyzed: 12/09/2025 09:41:16 by ATM

Report Date: 12/09/2025
 Sampled By: Kevan Granado
 Sample Of: Gas
 Sample Type: Spot
 Sample Conditions: 1180 psia, @ 107.1 °F Ambient: 59 °F
 Sample Date: 12/05/2025 12:46
 Received Date: 12/05/2025
 Login Date: 12/05/2025
 Effective Date: 12/01/2025
 Flow Rate: 85740.1 MSCFD

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.65 psia	
Hydrogen Sulfide	0.0000	0.0000	0.0000		GPM TOTAL C2+
Nitrogen	1.5580	1.6110	2.6010		GPM TOTAL C3+
Carbon Dioxide	0.3000	0.3100	0.7860		GPM TOTAL iC5+
Methane	87.9660	90.9770	84.1210		
Ethane	6.6690	6.8970	11.9530	1.838	
Propane	0.1870	0.1930	0.4910	0.053	
Iso-butane	0.0040	0.0040	0.0130	0.001	
n-Butane	0.0020	0.0020	0.0070	0.001	
Iso-pentane	0.0010	0.0010	0.0040	0.000	
n-Pentane	0.0030	0.0030	0.0120	0.001	
Hexanes Plus	0.0020	0.0020	0.0120	0.000	
	96.6920	100.0000	100.0000	1.894	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.6002	3.6871
Calculated Molecular Weight	17.350	106.789
Compressibility Factor	0.9977	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.65 psia & 60°F

Real Gas Dry BTU	1045	5679
Water Sat. Gas Base BTU	1027	5580
As Delivered BTU	0	5679

Comments: Reran Sample Confirmed GC Analysis
 H2S Field Content: 0 ppm

A handwritten signature in black ink that reads "Mostaq Ahmad".

Petroleum Chemist

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.



Certificate of Analysis

Number: 6030-25120617-004A

Artesia Laboratory

200 E Main St.

Artesia, NM 88210

Phone 575-746-3481

Patrick Long
 Sendero Midstream Partners, LP
 1025 Bounds Road
 Loving, NM 88256

Station Name: Carlsbad Plant 1 Residue Gas
 PO/Ref. No: 2167175001; CC 2167175001
 Method: GPA 2286
 Cylinder No: 1111-011643
 Instrument 1: 6030_GC1, HP7890 Signal 2
 Instrument 2: 6030_GC2, HP7890 Signal 1
 Analyzed: 12/09/2025 07:18:39 by EBH

Report Date: 12/09/2025
 Sampled By: Kevan Granado
 Sample Of: Gas Spot
 Sample Conditions: 1180 psia, @ 107.1 °F
 Sample Date: 12/05/2025 12:46
 Received Date: 12/05/2025
 Login Date: 12/05/2025
 Flow Rate: 85740.1 MSCFD

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia
Hydrogen Sulfide	0.000	0.000	
Nitrogen	1.611	2.601	
Methane	90.977	84.121	
Carbon Dioxide	0.310	0.786	
Ethane	6.897	11.953	1.838
Propane	0.193	0.491	0.053
Iso-Butane	0.004	0.013	0.001
n-Butane	0.002	0.007	0.001
Iso-Pentane	0.001	0.004	0.000
n-Pentane	0.003	0.012	0.001
i-Hexanes	0.000	0.000	0.000
n-Hexane	0.000	0.001	0.000
Benzene	0.000	0.000	0.000
Cyclohexane	0.000	0.001	0.000
i-Heptanes	0.000	0.004	0.000
n-Heptane	0.000	0.001	0.000
Toluene	0.000	0.000	0.000
i-Octanes	0.002	0.004	0.000
n-Octane	0.000	0.001	0.000
Ethylbenzene	0.000	0.000	0.000
Xylenes	0.000	0.000	0.000
i-Nonanes	0.000	0.000	0.000
n-Nonane	0.000	0.000	0.000
Decane Plus	0.000	0.000	0.000
	100.000	100.000	1.894



Certificate of Analysis

Number: 6030-25120617-004A

Artesia Laboratory

200 E Main St.

Artesia, NM 88210

Phone 575-746-3481

Patrick Long
 Sendero Midstream Partners, LP
 1025 Bounds Road
 Loving, NM 88256

Station Name: Carlsbad Plant 1 Residue Gas
 PO/Ref. No: 2167175001; CC 2167175001
 Method: GPA 2286
 Cylinder No: 1111-011643
 Instrument 1: 6030_GC1, HP7890 Signal 2
 Instrument 2: 6030_GC2, HP7890 Signal 1
 Analyzed: 12/09/2025 07:18:39 by EBH

Report Date: 12/09/2025
 Sampled By: Kevan Granado
 Sample Of: Gas Spot
 Sample Conditions: 1180 psia, @ 107.1 °F
 Sample Date: 12/05/2025 12:46
 Received Date: 12/05/2025
 Login Date: 12/05/2025
 Flow Rate: 85740.1 MSCFD

Calculated Physical Properties **Total**
 Calculated Molecular Weight 17.35

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.65 psia & 60°F
 Real Gas Dry BTU 1045.3
 Water Sat. Gas Base BTU 1027.0
 Relative Density Real Gas 0.6002
 Compressibility Factor 0.9977

Comments: Reran Sample Confirmed GC Analysis
 H2S Field Content: 0 ppm

Petroleum Chemist

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

<u>Gas Release Calc. (Leak, Relief Vlv, etc.)</u>	
Hole or Rip/Gouge?:	
Length (in inches):	
Width (in inches):	
Diameter (in inches):	
Pressure (psig):	
Temperature (Deg F):	
Gas Release (Mcf): 0.0	

<u>Pipeline Blow Down</u>				
Date (m/dd/yy)	Time (hr:mm)			
Blowdown Timeline:	12/30/2025	12:00	Duration (in min):	30.00
Latitude:	32.26183398	Longitude:	-104.128071	Location Detail:
Blowdown Location:	Outside a Fenced Facility			
Blowdown Location Desc:				
Notes	Inside Diameter	Miles	Feet	Volume (Cu Ft)
1 Length	16.0000			
2				
3				
Equivalent Diameter:	16.0000	Total Length:	1,840	
Start Pressure (psig):	1170.0	End Pressure (psig):	430.0	
Start Temperature (Deg F):	37.0	End Temperature (Deg F):	38.0	
Specific Gravity:	0.750	End Volume (MCF):	80.99	
Start Volume (MCF):	216.2			
Was Gas Flared?	No	Total Blowdown (Mcf): 135.2		

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

DEFINITIONS

Action 540679

DEFINITIONS

Operator: ET Gathering & Processing, LLC 1025 Bounds Rd Loving, NM 88256	OGRID: 371183
	Action Number: 540679
	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 540679

QUESTIONS

Operator: ET Gathering & Processing, LLC 1025 Bounds Rd Loving, NM 88256	OGRID: 371183
	Action Number: 540679
	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	[FAPP2123149329] ETC NGGS

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	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 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	88
Nitrogen (N2) percentage, if greater than one percent	2
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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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 540679

QUESTIONS (continued)

Operator: ET Gathering & Processing, LLC 1025 Bounds Rd Loving, NM 88256	OGRID: 371183
	Action Number: 540679
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	12/30/2025
Time vent or flare was discovered or commenced	12:00 PM
Time vent or flare was terminated	12:30 PM
Cumulative hours during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 135 Mcf Recovered: 0 Mcf Lost: 135 Mcf.
Natural Gas Flared (Mcf) Details	<i>Not answered.</i>
Other Released Details	<i>Not answered.</i>
Additional details for Measured or Estimated Volume(s). Please specify	<i>Not answered.</i>
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	<i>Not answered.</i>
Downstream OGRID that should have notified this operator	<i>Not answered.</i>
Date notified of downstream activity requiring this vent or flare	<i>Not answered.</i>
Time notified of downstream activity requiring this vent or flare	<i>Not answered.</i>

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	The pipeline had to be blown down to due to high O2 in the line which can cause corrosion and leaks. Corrosion is a common occurrence in the industry but cannot be predicted.
Steps taken to limit the duration and magnitude of vent or flare	Pipeline was shut-in and blowdown as efficient and effective as possible to limit the duration and magnitude of the vent and to ensure public and worker safety.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Pipeline was repaired before putting back into service.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 540679

ACKNOWLEDGMENTS

Operator: ET Gathering & Processing, LLC 1025 Bounds Rd Loving, NM 88256	OGRID: 371183
	Action Number: 540679
	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 540679

CONDITIONS

Operator:	OGRID:
ET Gathering & Processing, LLC 1025 Bounds Rd Loving, NM 88256	371183
	Action Number:
	540679

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

CONDITIONS

Created By	Condition	Condition Date
sfigueroa	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.	1/6/2026