



Certificate of Analysis

Number: 6030-21070119-001A

Artesia Laboratory
200 E Main St.
Artesia, NM 88210
Phone 575-746-3481

Redwood
Redwood
4910 N. Midkiff Rd.
Midland, TX 79705

July 15, 2021

Station Name: Condor 8 3H
Station Number: N/A
Station Location: Redwood
Sample Point: Well head
Instrument: 6030_GC6 (Inficon GC-3000 Micro)
Last Inst. Cal.: 07/12/2021 0:00 AM
Analyzed: 07/15/2021 10:36:32 by KNF

Sampled By: Chad Whitt
Sample Of: Gas Spot
Sample Date: 07/14/2021
Sample Conditions: 208.8 psig Ambient: 97 °F
Effective Date: 07/14/2021
Method: GPA-2261M
Cylinder No: 1111-002479

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.696 psia	
Nitrogen	2.195	2.22208	2.886		GPM TOTAL C2+
Methane	74.293	75.21668	55.945		GPM TOTAL C3+
Carbon Dioxide	1.225	1.24063	2.531		GPM TOTAL IC5+
Ethane	12.731	12.88942	17.969	3.451	
Propane	5.220	5.28518	10.805	1.458	
Iso-butane	0.608	0.61596	1.660	0.202	
n-Butane	1.310	1.32577	3.573	0.418	
Iso-pentane	0.290	0.29340	0.981	0.107	
n-Pentane	0.289	0.29300	0.980	0.106	
Hexanes Plus	0.610	0.61788	2.670	0.270	
	98.771	100.00000	100.000	6.012	

Calculated Physical Properties

	Total	C6+
Relative Density Real Gas	0.7472	3.2176
Calculated Molecular Weight	21.57	93.19
Compressibility Factor	0.9964	
GPA 2172 Calculation:		
Calculated Gross BTU per ft ³ @ 14.696 psia & 60°F		
Real Gas Dry BTU	1244	5129
Water Sat. Gas Base BTU	1223	5040
Ideal, Gross HV - Dry at 14.696 psia	1239.2	5129.2
Ideal, Gross HV - Wet	1217.6	5039.7

Comments: H2S Field Content 0.4 %



Certificate of Analysis

Number: 6030-21100079-008A

Artesia Laboratory

200 E Main St.
Artesia, NM 88210
Phone 575-746-3481Redwood
Redwood
4910 N. Midkiff Rd.
Midland, TX 79705

Oct. 12, 2021

Station Name: Condor 8H Separator
Station Number: N/A
Station Location: Redwood
Sample Point: Separator
Analyzed: 10/08/2021 15:21:40 by KJMSampled By: Nathan Payne
Sample Of: Liquid Spot
Sample Date: 10/04/2021 08:15
Sample Conditions: 40 psig
Method: GPA 2103M
Cylinder No: 5030-00591

Analytical Data

Components	Mol. %	MW	Wt. %	Sp. Gravity	L.V. %
Nitrogen	0.012	28.013	0.002	0.8069	0.002
Methane	1.350	16.043	0.134	0.3000	0.359
Carbon Dioxide	0.112	44.010	0.031	0.8172	0.030
Ethane	1.877	30.069	0.350	0.3563	0.788
Propane	3.192	44.096	0.872	0.5072	1.380
Iso-butane	1.028	58.122	0.370	0.5628	0.528
n-Butane	3.747	58.122	1.349	0.5842	1.854
Iso-pentane	2.493	72.149	1.114	0.6251	1.431
n-Pentane	3.306	72.149	1.478	0.6307	1.881
Hexanes	4.654	86.175	2.485	0.6659	2.999
Heptanes Plus	78.229	189.443	91.815	0.8305	88.748
	100.000		100.000		100.000

Calculated Physical Properties

	Total	C7+
Specific Gravity at 60°F	0.8028	0.8305
API Gravity at 60°F	44.763	38.875
Molecular Weight	161.411	189.443
Pounds per Gallon (in Vacuum)	6.693	6.924
Pounds per Gallon (in Air)	6.686	6.917
Cu. Ft. Vapor per Gallon @ 14.696 psia	15.735	13.870

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.

309 mcf flared

Baffin

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 503381

DEFINITIONS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 503381
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

<p>For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:</p> <ul style="list-style-type: none">• 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 503381

QUESTIONS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 503381
	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	Unavailable.
Incident Facility	[fAPP2512737126] Baffin CTB

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	No
Is this considered a submission for a vent or flare event	Yes, minor 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	Pipeline (Any)
Additional details for Equipment Involved. Please specify	Not answered.

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	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
<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.

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 503381

QUESTIONS (continued)

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 503381
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	09/04/2025
Time vent or flare was discovered or commenced	04:30 PM
Time vent or flare was terminated	11:30 PM
Cumulative hours during this event	7

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure Pipeline (Any) Natural Gas Flared Released: 309 Mcf Recovered: 0 Mcf Lost: 309 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	[229527] DCP MIDSTREAM, L.P.
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	P66 had a curtailment
Steps taken to limit the duration and magnitude of vent or flare	Documented
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Not able to control the curtailment

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 503381

ACKNOWLEDGMENTS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 503381
	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 503381

CONDITIONS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 503381
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
debfiorda	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.	9/5/2025