



Certificate of Analysis

Number: 6030-26075883-003A

Artesia Laboratory

200 E Main St.

Artesia, NM 88210

Phone 575-746-3481

Randy Ferrell
3R Operating
4000 N. Big Spring
Midland, TX 79705

Station Name: BIG MICK 4 U FEDERAL COM 551H
Station Number: 55680168
Sample Point: METER RUN
Sampling Company: SPL
Type of Sample: Spot Cylinder
Heating Method: N/A
Method: GPA 2286
Cylinder No: 1111-013449
Instrument: 6030_GC2 (Agilent GC-7890B)
Last Inst. Cal.: 07/27/2026 10:11:39
Analyzed: 07/31/2026 08:58:13 by EBH

Report Date: 08/05/2026
Sampled By: Adrian M
Sample Of: Gas
Sample Type: Spot
Sample Conditions: 110 psig, @ 107 °F
Sample Date: 07/28/2026 10:00
Received Date: 07/29/2026
Login Date: 07/29/2026
Effective Date: 08/01/2026
Flow Rate:
Sampling Method: Purge/Fill

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.000	0.000	0.000		GPM TOTAL C2+	6.094
Nitrogen	0.976	1.000	1.285		GPM TOTAL C3+	3.084
Methane	75.448	77.338	56.925		GPM TOTAL iC5+	0.763
Carbon Dioxide	0.497	0.509	1.028			
Ethane	10.939	11.213	15.469	3.010		
Propane	5.255	5.387	10.899	1.489		
Iso-butane	0.688	0.705	1.880	0.232		
n-Butane	1.853	1.899	5.064	0.600		
Iso-pentane	0.411	0.421	1.394	0.154		
n-Pentane	0.579	0.593	1.963	0.215		
Hexanes Plus	0.912	0.935	4.093	0.394		
	97.558	100.000	100.000	6.094		

Calculated Physical Properties

Relative Density Real Gas	0.7551	3.2815
Calculated Molecular Weight	21.80	95.04
Compressibility Factor	0.9961	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.73 psia & 60°F

Real Gas Dry BTU	1296	5129
Water Sat. Gas Base BTU	1274	5040

Comments: H2S Field Content: 0 %

Mostaq Ahammad

Mostaq Ahammad, 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.



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Station Name: BIG MICK 4 U FEDERAL COM 551H
Station Number: 55680168
Sample Point: METER RUN
Sampling Company: SPL
Type of Sample: Spot Cylinder
Instrument 1: 6030_GC1, HP7890 Signal 2
Instrument 2: 6030_GC2, HP7890 Signal 1
Analyzed: 07/31/2026 07:00:23 by EBH

Report Date: 08/05/2026
Sampled By: Adrian M
Sample Of: Gas Spot
Sample Conditions: 110 psig, @ 107 °F
Sample Date: 07/28/2026 10:00
Received Date: 07/29/2026
Login Date: 07/29/2026
Method: GPA 2286
Cylinder No: 1111-013449

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia
Hydrogen Sulfide	0.000	0.000	
Nitrogen	1.000	1.285	
Methane	77.338	56.925	
Carbon Dioxide	0.509	1.028	
Ethane	11.213	15.469	3.010
Propane	5.387	10.899	1.489
Iso-Butane	0.705	1.880	0.232
n-Butane	1.899	5.064	0.600
Iso-Pentane	0.421	1.394	0.154
n-Pentane	0.593	1.963	0.215
i-Hexanes	0.183	0.711	0.074
n-Hexane	0.176	0.697	0.072
Benzene	0.048	0.173	0.014
Cyclohexane	0.083	0.321	0.028
i-Heptanes	0.135	0.573	0.056
n-Heptane	0.064	0.296	0.030
Toluene	0.039	0.164	0.013
i-Octanes	0.098	0.516	0.049
n-Octane	0.022	0.118	0.011
Ethylbenzene	0.002	0.008	0.001
Xylenes	0.014	0.074	0.006
i-Nonanes	0.033	0.180	0.017
n-Nonane	0.012	0.068	0.007
Decane Plus	0.026	0.194	0.016
	100.000	100.000	6.094



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Station Name: BIG MICK 4 U FEDERAL COM 551H
 Station Number: 55680168
 Sample Point: METER RUN
 Sampling Company: SPL
 Type of Sample: Spot Cylinder
 Instrument 1: 6030_GC1, HP7890 Signal 2
 Instrument 2: 6030_GC2, HP7890 Signal 1
 Analyzed: 07/31/2026 07:00:23 by EBH

Report Date: 08/05/2026
 Sampled By: Adrian M
 Sample Of: Gas Spot
 Sample Conditions: 110 psig, @ 107 °F
 Sample Date: 07/28/2026 10:00
 Received Date: 07/29/2026
 Login Date: 07/29/2026
 Method: GPA 2286
 Cylinder No: 1111-013449

Calculated Physical Properties	Total	C10+
Calculated Molecular Weight	21.80	151.88
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1296.4	8171.9
Water Sat. Gas Base BTU	1273.9	7998.5
Relative Density Real Gas	0.7551	5.2441
Compressibility Factor	0.9961	

Comments: H2S Field Content: 0 %

Mostaq Ahammad

Mostaq Ahammad, Petroleum Chemist

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Analytical Data

Test	Method	Result	Units	Detection Limit	Lab Tech.	Analysis Date
Hydrogen Sulfide	GPA 2377	ND	ppm (v)		EBH	07/31/2026

Mostaq Ahammad, Petroleum Chemist

Quality Assurance:

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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.

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 624221

DEFINITIONS

Operator: 3R Operating, LLC 20405 State Highway 249 Houston, TX 77070	OGRID: 331569
	Action Number: 624221
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 624221

QUESTIONS

Operator: 3R Operating, LLC 20405 State Highway 249 Houston, TX 77070	OGRID: 331569
	Action Number: 624221
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 ID (n#)	Unavailable.
Incident Name	Unavailable.
Incident Type	Flare
Incident Status	Unavailable.
Incident Facility	[fAPP2624341792] Boudin CTB
<i>Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.</i>	

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	No
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 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	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	77
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	1
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	0
Nitrogen (N2) percentage quality requirement	0
Hydrogen Sulfide (H2S) PPM quality requirement	0
Carbon Dioxide (CO2) percentage quality requirement	0
Oxygen (O2) percentage quality requirement	0

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QUESTIONS, Page 2

Action 624221

QUESTIONS (continued)

Operator: 3R Operating, LLC 20405 State Highway 249 Houston, TX 77070	OGRID: 331569
	Action Number: 624221
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	07/06/2026
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	24

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 Producing Well Natural Gas Flared Released: 2,109 Mcf Recovered: 0 Mcf Lost: 2,109 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	[238258] TARGA RESOURCES INC
Date notified of downstream activity requiring this vent or flare	
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	High line pressure due to compression issues at gas plant.
Steps taken to limit the duration and magnitude of vent or flare	Standard PM. Worked with midstream to coordinate service time and minimize downtime.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	No way to avoid periodic downtime for maintenance / repairs to address unforeseen conditions.

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ACKNOWLEDGMENTS

Action 624221

ACKNOWLEDGMENTS

Operator: 3R Operating, LLC 20405 State Highway 249 Houston, TX 77070	OGRID: 331569
	Action Number: 624221
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

ACKNOWLEDGMENTS

☒	I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.
☒	I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.
☒	I hereby certify the statements in this amending 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.
☒	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.
☒	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

Action 624221

CONDITIONS

Operator: 3R Operating, LLC 20405 State Highway 249 Houston, TX 77070	OGRID: 331569
	Action Number: 624221
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
cforrest	If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	9/14/2026