



## Certificate of Analysis

Number: 6030-26075883-003A

Artesia Laboratory

200 E Main St.  
Artesia, NM 88210  
Phone 575-746-3481Randy 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<br>Mol % | Mol. %  | Wt. %   | GPM at<br>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

|                             |              |            |
|-----------------------------|--------------|------------|
|                             | <b>Total</b> | <b>C6+</b> |
| 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 ft<sup>3</sup> @ 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, 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 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<br>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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 Method: GPA 2286  
 Cylinder No: 1111-013449

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| Calculated Physical Properties                                         | Total  | C10+   |
|------------------------------------------------------------------------|--------|--------|
| Calculated Molecular Weight                                            | 21.80  | 151.88 |
| <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                                                       | 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

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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**Analytical Data**

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| 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:

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

DEFINITIONS

Action 626442

DEFINITIONS

|                                                                                    |                                                            |
|------------------------------------------------------------------------------------|------------------------------------------------------------|
| Operator:<br><br>3R Operating, LLC<br>20405 State Highway 249<br>Houston, TX 77070 | OGRID:<br><br>331569                                       |
|                                                                                    | Action Number:<br><br>626442                               |
|                                                                                    | Action Type:<br><br>[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"><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> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

QUESTIONS

Action 626442

**QUESTIONS**

|                                                                                |                                                        |
|--------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>3R Operating, LLC<br>20405 State Highway 249<br>Houston, TX 77070 | OGRID:<br>331569                                       |
|                                                                                | Action Number:<br>626442                               |
|                                                                                | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

**QUESTIONS**

|                                                                                                                                                                                                   |                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <b>Prerequisites</b><br><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                                                                                                                                                                                 | [fAPP2624341792] Boudin CTB |

|                                                                                                                                                                                                                                                                                            |                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <b>Determination of Reporting Requirements</b><br><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, 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 <b>at least 50 MCF</b> of natural gas vented and/or flared during this event                                                                                                                                                                                                     | Yes                                               |
| Did this vent or flare result in the release of <b>ANY</b> 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                                                |

|                                                           |                            |
|-----------------------------------------------------------|----------------------------|
| <b>Equipment Involved</b>                                 |                            |
| Primary Equipment Involved                                | Other (Specify)            |
| Additional details for Equipment Involved. Please specify | Other- VRU Capacity Limits |

|                                                                                                                                                                    |               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| <b>Representative Compositional Analysis of Vented or Flared Natural Gas</b><br><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                                                                                                                       | 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. |

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QUESTIONS, Page 2

Action 626442

**QUESTIONS (continued)**

|                                                                                |                                                        |
|--------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>3R Operating, LLC<br>20405 State Highway 249<br>Houston, TX 77070 | OGRID:<br>331569                                       |
|                                                                                | Action Number:<br>626442                               |
|                                                                                | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

**QUESTIONS**

| Date(s) and Time(s)                            |            |
|------------------------------------------------|------------|
| Date vent or flare was discovered or commenced | 09/17/2026 |
| 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: Other   Other (Specify)   Natural Gas Flared   Released: 55 Mcf   Recovered: 0 Mcf   Lost: 55 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            | No            |
| Was notification of downstream activity received by this operator | Not answered. |
| Downstream OGRID that should have notified this operator          | Not answered. |
| 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                                                      | VRU capacity limitations, unable to send all gas to pipeline.                      |
| Steps taken to limit the duration and magnitude of vent or flare                                                                 | Working on facility adjustments to increase capacity to move more gas to pipeline. |
| Corrective actions taken to eliminate the cause and reoccurrence of vent or flare                                                | Working on facility adjustments to increase capacity to move more gas to pipeline. |



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ACKNOWLEDGMENTS

Action 626442

**ACKNOWLEDGMENTS**

|                                                                                |                                                        |
|--------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>3R Operating, LLC<br>20405 State Highway 249<br>Houston, TX 77070 | OGRID:<br>331569                                       |
|                                                                                | Action Number:<br>626442                               |
|                                                                                | Action Type:<br>[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.                                                                                                                          |

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CONDITIONS

Action 626442

CONDITIONS

|                                                                                |                                                        |
|--------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>3R Operating, LLC<br>20405 State Highway 249<br>Houston, TX 77070 | OGRID:<br>331569                                       |
|                                                                                | Action Number:<br>626442                               |
|                                                                                | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

CONDITIONS

| Created By | Condition                                                                                                                                                                          | Condition Date |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| mbuchanan  | 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. | 9/21/2026      |