**ARMSTRONG GAS LABS, INC.**

P.O. Box 988  
 Monahans, Texas 79756  
 (432) 943-8844 (FAX) 943-8855

**GAS ANALYSIS REPORT**

Analysis No.: 152037  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 2.7782        | 0.000                 | 0.027                |                      |  |
| Methane          | 68.9133       | 693.846               | 0.382                |                      |  |
| CO2              | 7.5462        | 0.000                 | 0.115                |                      |  |
| Ethane           | 10.5874       | 186.779               | 0.110                | 2.827                |  |
| H2S              | 0.3000        | 0.000                 | 0.004                |                      |  |
| Propane          | 5.6359        | 141.361               | 0.086                | 1.550                |  |
| Iso-Butane       | 0.6866        | 22.258                | 0.014                | 0.224                |  |
| Butane           | 1.8076        | 58.785                | 0.036                | 0.569                |  |
| Iso-Pentane      | 0.4743        | 18.917                | 0.012                | 0.173                |  |
| Pentane          | 0.4793        | 19.154                | 0.012                | 0.173                |  |
| Hexanes C6+      | 0.7912        | 40.455                | 0.025                | 0.345                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1181.554              | 0.822                | 5.861                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** WINNEBAGO 30 STATE COM 301H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002553698

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/25/25  
 Date to Lab: 08/26/25  
 Date Analyzed: 09/02/25  
 Effective Date:

Sample Press. (PSIG): 207  
 Line Press. (PSIG): 207  
 Sample Temp. (F): 117  
 Fl. Gas Temp. (F): 117  
 Amb. Temp. (F): 86

Del. To:  
 Sampled By: MG  
 Cylinder No.: AGL-512

**Field H2O (#/mm):**

Field H2S (PPM): 3,000.0  
 Field H2S (Grains): 188.80

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9959946

Z Factor (Act.): 0.9959946

Dry BTU w/ H2S: 1188.22

Sat BTU w/ H2S: 1167.89

As Del. BTU w/ H2S: 1188.22

**Dry BTU W/O H2S (Real): 1186.30****Sat. BTU W/O H2S (Real): 1166.01****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1186.31***BTU Calc: Dry***Sp. Gravity (Real): 0.8247**

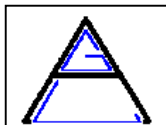
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.861****GPM Propane+ (Real): 3.034****GPM IC5+ (Real): 0.691**

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks:**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 252359  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | <u>(Ideal)</u><br><u>BTU</u> | <u>(Ideal)</u><br><u>SG</u> | <u>(Real)</u><br><u>GPM</u> |  |
|------------------|---------------|------------------------------|-----------------------------|-----------------------------|--|
| Nitrogen         | 2.5358        | 0.000                        | 0.025                       |                             |  |
| Methane          | 81.2503       | 818.059                      | 0.450                       |                             |  |
| CO2              | 2.0203        | 0.000                        | 0.031                       |                             |  |
| Ethane           | 5.8707        | 103.569                      | 0.061                       | 1.566                       |  |
| H2S              | 0.0020        | 0.000                        | 0.000                       |                             |  |
| Propane          | 3.7231        | 93.384                       | 0.057                       | 1.023                       |  |
| Iso-Butane       | 0.8817        | 28.582                       | 0.018                       | 0.288                       |  |
| Butane           | 2.0979        | 68.226                       | 0.042                       | 0.660                       |  |
| Iso-Pentane      | 0.4817        | 19.212                       | 0.012                       | 0.176                       |  |
| Pentane          | 0.4777        | 19.090                       | 0.012                       | 0.173                       |  |
| Hexanes C6+      | 0.6588        | 33.686                       | 0.021                       | 0.287                       |  |
| Hydrogen         | N/A           |                              |                             |                             |  |
| Helium           | N/A           |                              |                             |                             |  |
| Oxygen           | N/A           |                              |                             |                             |  |
| CO               | N/A           |                              |                             |                             |  |
| Totals           | 100.0000      | 1183.807                     | 0.728                       | 4.173                       |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** RAIDER FEDERAL 301H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002543401

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/27/25  
 Date to Lab: 08/27/25  
 Date Analyzed: 08/28/25  
 Effective Date:

Sample Press. (PSIG): 74  
 Line Press. (PSIG): 74  
 Sample Temp. (F): 74  
 Fl. Gas Temp. (F): 74  
 Amb. Temp. (F): 72

Del. To:  
 Sampled By: JH  
 Cylinder No.: 91

**Field H2O (#/mm):**

Field H2S (PPM): 20.0  
 Field H2S (Grains): 1.26

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9966456

Z Factor (Act.): 0.9966456

Dry BTU w/ H2S: 1187.80

Sat BTU w/ H2S: 1167.46

As Del. BTU w/ H2S: 1187.80

**Dry BTU W/O H2S (Real): 1187.79****Sat. BTU W/O H2S (Real): 1167.45****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1187.79***BTU Calc: Dry***Sp. Gravity (Real): 0.7300**

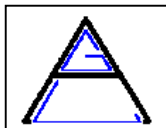
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 4.173****GPM Propane+ (Real): 2.607****GPM IC5+ (Real): 0.636**

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 252360  
 Customer: Permian Resources

| <u>Component</u>         | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |                                                           |
|--------------------------|---------------|-----------------------|----------------------|----------------------|-----------------------------------------------------------|
| Nitrogen                 | 2.8072        | 0.000                 | 0.027                |                      | <b>Producer:</b> Permian Resources                        |
| Methane                  | 76.1264       | 766.470               | 0.422                |                      | <b>Well / Sta. Name:</b> RAIDER FED COM 301 H SALES CHECK |
| CO <sub>2</sub>          | 4.1687        | 0.000                 | 0.063                |                      | <b>Sta. No.:</b>                                          |
| Ethane                   | 8.4629        | 149.299               | 0.088                | 2.258                | <b>Formation:</b>                                         |
| H <sub>2</sub> S         | 0.0020        | 0.000                 | 0.000                |                      | <b>Field:</b> New Mexico                                  |
| Propane                  | 5.0783        | 127.375               | 0.077                | 1.396                | <b>County:</b>                                            |
| Iso-Butane               | 0.6044        | 19.593                | 0.012                | 0.197                | <b>API Number:</b> N/L                                    |
| Butane                   | 1.3454        | 43.754                | 0.027                | 0.423                | <b>Spot / Composite:</b> SP                               |
| Iso-Pentane              | 0.3896        | 15.539                | 0.010                | 0.142                | Date / Time On:                                           |
| Pentane                  | 0.4147        | 16.572                | 0.010                | 0.150                | Date / Time Off: 08/27/25                                 |
| Hexanes C <sub>6</sub> + | 0.6004        | 30.699                | 0.019                | 0.261                | Date to Lab: 08/27/25                                     |
|                          |               |                       |                      |                      | Date Analyzed: 08/28/25                                   |
|                          |               |                       |                      |                      | Effective Date:                                           |
| Hydrogen                 | N/A           |                       |                      |                      | Sample Press. (PSIG): 75                                  |
| Helium                   | N/A           |                       |                      |                      | Line Press. (PSIG): 75                                    |
| Oxygen                   | N/A           |                       |                      |                      | Sample Temp. (F): 83                                      |
| CO                       | N/A           |                       |                      |                      | Fl. Gas Temp. (F): 83                                     |
|                          |               |                       |                      |                      | Amb. Temp. (F): 72                                        |
| Totals                   | 100.0000      | 1169.301              | 0.756                | 4.827                | Del. To:                                                  |
|                          |               |                       |                      |                      | Sampled By: JH                                            |
|                          |               |                       |                      |                      | Cylinder No.: 122                                         |

**Field H<sub>2</sub>O (#/mm):**Field H<sub>2</sub>S (PPM): 20.0Field H<sub>2</sub>S (Grains): 1.26**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9965085

Z Factor (Act.): 0.9965085

Dry BTU w/ H<sub>2</sub>S: 1173.41Sat BTU w/ H<sub>2</sub>S: 1153.32As Del. BTU w/ H<sub>2</sub>S: 1173.41**Dry BTU W/O H<sub>2</sub>S (Real): 1173.40****Sat. BTU W/O H<sub>2</sub>S (Real): 1153.31****H<sub>2</sub>O (# / mmcf): 0.0****AS DEL. BTU W/O H<sub>2</sub>S (Real): 1173.40***BTU Calc: Dry***Sp. Gravity (Real): 0.7582**

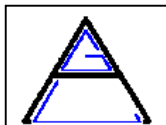
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 4.827****GPM Propane+ (Real): 2.569****GPM IC<sub>5</sub>+ (Real): 0.553**

GPA 2145 / 2172

**Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks:**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 252398  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |                                                     |
|------------------|---------------|-----------------------|----------------------|----------------------|-----------------------------------------------------|
| Nitrogen         | 1.5647        | 0.000                 | 0.015                |                      | <b>Producer:</b> Permian Resources                  |
| Methane          | 70.6441       | 711.272               | 0.391                |                      | <b>Well / Sta. Name:</b> CRUNCH BERRY 6 FED COM FMP |
| CO2              | 0.1743        | 0.000                 | 0.003                |                      | <b>Sta. No.:</b>                                    |
| Ethane           | 12.7799       | 225.458               | 0.133                | 3.415                | <b>Formation:</b>                                   |
| H2S              | 0.0000        | 0.000                 | 0.000                |                      | <b>Field:</b> New Mexico                            |
| Propane          | 7.6266        | 191.292               | 0.116                | 2.099                | <b>County:</b>                                      |
| Iso-Butane       | 1.1358        | 36.819                | 0.023                | 0.371                | <b>API Number:</b> N/L                              |
| Butane           | 2.8542        | 92.821                | 0.057                | 0.899                | <b>Spot / Composite:</b> SP                         |
| Iso-Pentane      | 0.8107        | 32.334                | 0.020                | 0.296                | Date / Time On:                                     |
| Pentane          | 0.8519        | 34.043                | 0.021                | 0.308                | Date / Time Off: 08/25/25                           |
| Hexanes C6+      | 1.5578        | 79.653                | 0.050                | 0.679                | Date to Lab: 08/26/25                               |
|                  |               |                       |                      |                      | Date Analyzed: 09/02/25                             |
|                  |               |                       |                      |                      | Effective Date:                                     |
| Hydrogen         | N/A           |                       |                      |                      | Sample Press. (PSIG): 44                            |
| Helium           | N/A           |                       |                      |                      | Line Press. (PSIG): 44                              |
| Oxygen           | N/A           |                       |                      |                      | Sample Temp. (F): 112                               |
| CO               | N/A           |                       |                      |                      | Fl. Gas Temp. (F): 112                              |
|                  |               |                       |                      |                      | Amb. Temp. (F): 85                                  |
| Totals           | 100.0000      | 1403.693              | 0.829                | 8.067                | Del. To:                                            |
|                  |               |                       |                      |                      | Sampled By: IF                                      |
|                  |               |                       |                      |                      | Cylinder No.: 849                                   |

**Field H2O (#/mm):****Field H2S (PPM):** 0.0

Field H2S (Grains): 0.0

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9951700

Z Factor (Act.): 0.9951700

Dry BTU w/ H2S: 1410.51

Sat BTU w/ H2S: 1386.41

As Del. BTU w/ H2S: 1410.51

**Dry BTU W/O H2S (Real): 1410.51****Sat. BTU W/O H2S (Real): 1386.41****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1410.51***BTU Calc: Dry***Sp. Gravity (Real): 0.8332**

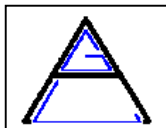
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 8.067****GPM Propane+ (Real): 4.652****GPM IC5+ (Real): 1.283**

GPA 2145 / 2172

**Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks:**

**ARMSTRONG GAS LABS, INC.**

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 Monahans, Texas 79756  
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**GAS ANALYSIS REPORT**

Analysis No.: 252399  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |
|------------------|---------------|-----------------------|----------------------|----------------------|
| Nitrogen         | 3.7250        | 0.000                 | 0.036                |                      |
| Methane          | 73.8706       | 743.758               | 0.409                |                      |
| CO2              | 0.6284        | 0.000                 | 0.010                |                      |
| Ethane           | 12.0115       | 211.902               | 0.125                | 3.206                |
| H2S              | 0.0180        | 0.000                 | 0.000                |                      |
| Propane          | 5.8164        | 145.888               | 0.089                | 1.599                |
| Iso-Butane       | 0.6601        | 21.399                | 0.013                | 0.216                |
| Butane           | 1.7237        | 56.056                | 0.035                | 0.542                |
| Iso-Pentane      | 0.4084        | 16.289                | 0.010                | 0.149                |
| Pentane          | 0.4163        | 16.636                | 0.010                | 0.151                |
| Hexanes C6+      | 0.7216        | 36.897                | 0.023                | 0.314                |
| Hydrogen         | N/A           |                       |                      |                      |
| Helium           | N/A           |                       |                      |                      |
| Oxygen           | N/A           |                       |                      |                      |
| CO               | N/A           |                       |                      |                      |
| Totals           | 100.0000      | 1248.824              | 0.760                | 6.177                |

**Producer:** Permian Resources  
**Well / Sta. Name:** WOODY 22 FED COM 503H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002551396

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/25/25  
 Date to Lab: 08/26/25  
 Date Analyzed: 09/02/25  
 Effective Date:

Sample Press. (PSIG): 85  
 Line Press. (PSIG): 85  
 Sample Temp. (F): 85  
 Fl. Gas Temp. (F): 85  
 Amb. Temp. (F): 83

Del. To:  
 Sampled By: IF  
 Cylinder No.: 750

**Field H2O (#/mm):**

Field H2S (PPM): 180.0  
 Field H2S (Grains): 11.33

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9962731

Z Factor (Act.): 0.9962731

Dry BTU w/ H2S: 1253.61

Sat BTU w/ H2S: 1232.15

As Del. BTU w/ H2S: 1253.61

**Dry BTU W/O H2S (Real): 1253.50****Sat. BTU W/O H2S (Real): 1232.04****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1253.50***BTU Calc: Dry***Sp. Gravity (Real): 0.7624**

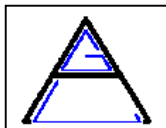
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 6.177****GPM Propane+ (Real): 2.971****GPM IC5+ (Real): 0.614**

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks: CP @ LAB 63 PSIG**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 252400  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |
|------------------|---------------|-----------------------|----------------------|----------------------|
| Nitrogen         | 3.6764        | 0.000                 | 0.036                |                      |
| Methane          | 72.8525       | 733.507               | 0.404                |                      |
| CO2              | 0.6126        | 0.000                 | 0.009                |                      |
| Ethane           | 12.5583       | 221.549               | 0.130                | 3.352                |
| H2S              | 0.0200        | 0.000                 | 0.000                |                      |
| Propane          | 6.2791        | 157.494               | 0.096                | 1.727                |
| Iso-Butane       | 0.6898        | 22.361                | 0.014                | 0.225                |
| Butane           | 1.7863        | 58.092                | 0.036                | 0.562                |
| Iso-Pentane      | 0.4147        | 16.540                | 0.010                | 0.151                |
| Pentane          | 0.4176        | 16.688                | 0.010                | 0.151                |
| Hexanes C6+      | 0.6927        | 35.419                | 0.022                | 0.302                |
| Hydrogen         | N/A           |                       |                      |                      |
| Helium           | N/A           |                       |                      |                      |
| Oxygen           | N/A           |                       |                      |                      |
| CO               | N/A           |                       |                      |                      |
| Totals           | 100.0000      | 1261.650              | 0.767                | 6.470                |

**Producer:** Permian Resources  
**Well / Sta. Name:** WOODY 22 FED COM 501H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002551394

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/25/25  
 Date to Lab: 08/26/25  
 Date Analyzed: 09/02/25  
 Effective Date:

Sample Press. (PSIG): 90  
 Line Press. (PSIG): 90  
 Sample Temp. (F): 88  
 Fl. Gas Temp. (F): 88  
 Amb. Temp. (F): 84

Del. To:  
 Sampled By: IF  
 Cylinder No.: 846

**Field H2O (#/mm):**

Field H2S (PPM): 200.0  
 Field H2S (Grains): 12.59

**Pressure Base: 14.65**  
**Temp. Base: 60**

Z Factor (Dry): 0.9961839  
 Z Factor (Act.): 0.9961839

Dry BTU w/ H2S: 1266.61  
 Sat BTU w/ H2S: 1244.93  
 As Del. BTU w/ H2S: 1266.61

**Dry BTU W/O H2S (Real): 1266.48**  
**Sat. BTU W/O H2S (Real): 1244.81**  
**H2O (# / mmcf): 0.0**

**AS DEL. BTU W/O H2S (Real): 1266.48**

*BTU Calc: Dry*

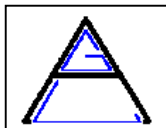
**Sp. Gravity (Real): 0.7700**  
 Field Gravity:  
 Lab Gravitometer:

**GPM Ethane+ (Real): 6.470**  
**GPM Propane+ (Real): 3.118**  
**GPM IC5+ (Real): 0.604**

GPA 2145 / 2172

**Fld. Remarks:**

**Lab Remarks: CP @ LAB 69 PSIG**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 252401  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |
|------------------|---------------|-----------------------|----------------------|----------------------|
| Nitrogen         | 3.3988        | 0.000                 | 0.033                |                      |
| Methane          | 70.3296       | 708.106               | 0.390                |                      |
| CO2              | 0.7879        | 0.000                 | 0.012                |                      |
| Ethane           | 13.6491       | 240.792               | 0.142                | 3.645                |
| H2S              | 0.0300        | 0.000                 | 0.000                |                      |
| Propane          | 7.1440        | 179.188               | 0.109                | 1.965                |
| Iso-Butane       | 0.7722        | 25.033                | 0.015                | 0.252                |
| Butane           | 2.0438        | 66.466                | 0.041                | 0.643                |
| Iso-Pentane      | 0.4729        | 18.861                | 0.012                | 0.173                |
| Pentane          | 0.4798        | 19.174                | 0.012                | 0.174                |
| Hexanes C6+      | 0.8919        | 45.604                | 0.029                | 0.389                |
| Hydrogen         | N/A           |                       |                      |                      |
| Helium           | N/A           |                       |                      |                      |
| Oxygen           | N/A           |                       |                      |                      |
| CO               | N/A           |                       |                      |                      |
| Totals           | 100.0000      | 1303.223              | 0.794                | 7.241                |

**Producer:** Permian Resources  
**Well / Sta. Name:** WOODY 22 FED COM 505H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002551398

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/20/25  
 Date to Lab: 08/26/25  
 Date Analyzed: 09/02/25  
 Effective Date:

Sample Press. (PSIG): 115  
 Line Press. (PSIG): 115  
 Sample Temp. (F): 91  
 Fl. Gas Temp. (F): 91  
 Amb. Temp. (F): 83

Del. To:  
 Sampled By: IF  
 Cylinder No.: 831

**Field H2O (#/mm):**

Field H2S (PPM): 300.0  
 Field H2S (Grains): 18.88

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9958496

Z Factor (Act.): 0.9958496

Dry BTU w/ H2S: 1308.84

Sat BTU w/ H2S: 1286.46

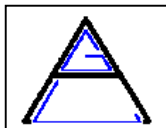
As Del. BTU w/ H2S: 1308.85

**Dry BTU W/O H2S (Real): 1308.65****Sat. BTU W/O H2S (Real): 1286.27****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1308.65***BTU Calc: Dry***Sp. Gravity (Real): 0.7972**

Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 7.241****GPM Propane+ (Real): 3.596****GPM IC5+ (Real): 0.736****Fld. Remarks:****Lab Remarks: CP @ LAB 88 PSIG**

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**GAS ANALYSIS REPORT**

Analysis No.: 252430  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |                                                        |
|------------------|---------------|-----------------------|----------------------|----------------------|--------------------------------------------------------|
| Nitrogen         | 1.4361        | 0.000                 | 0.014                |                      | <b>Producer:</b> Permian Resources                     |
| Methane          | 78.4415       | 789.779               | 0.434                |                      | <b>Well / Sta. Name:</b> PALMILLO 14-15 2H-3H 301H SEP |
| CO2              | 0.1910        | 0.000                 | 0.003                |                      | <b>Sta. No.:</b>                                       |
| Ethane           | 11.5953       | 204.560               | 0.120                | 3.095                | <b>Formation:</b>                                      |
| H2S              | 0.0000        | 0.000                 | 0.000                |                      | <b>Field:</b> New Mexico                               |
| Propane          | 4.7858        | 120.039               | 0.073                | 1.316                | <b>County:</b>                                         |
| Iso-Butane       | 0.5955        | 19.304                | 0.012                | 0.195                | <b>API Number:</b> N/L                                 |
| Butane           | 1.3721        | 44.622                | 0.028                | 0.432                | <b>Spot / Composite:</b> SP                            |
| Iso-Pentane      | 0.3553        | 14.171                | 0.009                | 0.130                | Date / Time On:                                        |
| Pentane          | 0.3809        | 15.221                | 0.009                | 0.138                | Date / Time Off: 08/25/25                              |
| Hexanes C6+      | 0.8465        | 43.283                | 0.027                | 0.369                | Date to Lab: 08/28/25                                  |
|                  |               |                       |                      |                      | Date Analyzed: 09/04/25                                |
|                  |               |                       |                      |                      | Effective Date:                                        |
| Hydrogen         | N/A           |                       |                      |                      | Sample Press. (PSIG): 74                               |
| Helium           | N/A           |                       |                      |                      | Line Press. (PSIG): 74                                 |
| Oxygen           | N/A           |                       |                      |                      | Sample Temp. (F): 118                                  |
| CO               | N/A           |                       |                      |                      | Fl. Gas Temp. (F): 118                                 |
|                  |               |                       |                      |                      | Amb. Temp. (F): 93                                     |
| Totals           | 100.0000      | 1250.979              | 0.730                | 5.675                | Del. To:                                               |
|                  |               |                       |                      |                      | Sampled By: PP                                         |
|                  |               |                       |                      |                      | Cylinder No.: 696                                      |

**Field H2O (#/mm):****Field H2S (PPM):** 0.0

Field H2S (Grains): 0.0

**Pressure Base:** 14.65**Temp. Base:** 60

Z Factor (Dry): 0.9963914

Z Factor (Act.): 0.9963914

Dry BTU w/ H2S: 1255.51

Sat BTU w/ H2S: 1234.02

As Del. BTU w/ H2S: 1255.51

**Dry BTU W/O H2S (Real):** 1255.51**Sat. BTU W/O H2S (Real):** 1234.02**H2O (# / mmcf):** 0.0**AS DEL. BTU W/O H2S (Real):** 1255.51*BTU Calc: Dry***Sp. Gravity (Real):** 0.7319

Field Gravity:

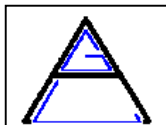
Lab Gravitometer:

**GPM Ethane+ (Real):** 5.675**GPM Propane+ (Real):** 2.580**GPM IC5+ (Real):** 0.637

GPA 2145 / 2172

**Fld. Remarks:** TAG: NO API PER WHITNEY**Lab Remarks:**



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**GAS ANALYSIS REPORT**

Analysis No.: 252431  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |                                                          |
|------------------|---------------|-----------------------|----------------------|----------------------|----------------------------------------------------------|
| Nitrogen         | 1.5807        | 0.000                 | 0.015                |                      | <b>Producer:</b> Permian Resources                       |
| Methane          | 78.7346       | 792.730               | 0.436                |                      | <b>Well / Sta. Name:</b> PALMILLO 14-15 PROD 3-PH SEP. A |
| CO2              | 0.3183        | 0.000                 | 0.005                |                      | <b>Sta. No.:</b>                                         |
| Ethane           | 11.4147       | 201.374               | 0.119                | 3.046                | <b>Formation:</b>                                        |
| H2S              | 0.0000        | 0.000                 | 0.000                |                      | <b>Field:</b> New Mexico                                 |
| Propane          | 4.6238        | 115.975               | 0.070                | 1.271                | <b>County:</b>                                           |
| Iso-Butane       | 0.5716        | 18.530                | 0.011                | 0.187                | <b>API Number:</b> N/L                                   |
| Butane           | 1.3067        | 42.495                | 0.026                | 0.411                | <b>Spot / Composite:</b> SP                              |
| Iso-Pentane      | 0.3498        | 13.951                | 0.009                | 0.128                | Date / Time On:                                          |
| Pentane          | 0.3656        | 14.610                | 0.009                | 0.132                | Date / Time Off: 08/26/25                                |
| Hexanes C6+      | 0.7342        | 37.541                | 0.024                | 0.320                | Date to Lab: 08/28/25                                    |
|                  |               |                       |                      |                      | Date Analyzed: 09/04/25                                  |
|                  |               |                       |                      |                      | Effective Date:                                          |
| Hydrogen         | N/A           |                       |                      |                      | Sample Press. (PSIG): 76                                 |
| Helium           | N/A           |                       |                      |                      | Line Press. (PSIG): 76                                   |
| Oxygen           | N/A           |                       |                      |                      | Sample Temp. (F): 84                                     |
| CO               | N/A           |                       |                      |                      | Fl. Gas Temp. (F): 84                                    |
|                  |               |                       |                      |                      | Amb. Temp. (F): 85                                       |
| Totals           | 100.0000      | 1237.206              | 0.724                | 5.495                | Del. To:                                                 |
|                  |               |                       |                      |                      | Sampled By: PP                                           |
|                  |               |                       |                      |                      | Cylinder No.: 195                                        |

**Field H2O (#/mm):****Field H2S (PPM):** 0.3

Field H2S (Grains): 0.02

**Pressure Base:** 14.65**Temp. Base:** 60

Z Factor (Dry): 0.9964758

Z Factor (Act.): 0.9964758

Dry BTU w/ H2S: 1241.58

Sat BTU w/ H2S: 1220.32

As Del. BTU w/ H2S: 1241.58

**Dry BTU W/O H2S (Real):** 1241.58**Sat. BTU W/O H2S (Real):** 1220.32**H2O (# / mmcf):** 0.0**AS DEL. BTU W/O H2S (Real):** 1241.58*BTU Calc: Dry***Sp. Gravity (Real):** 0.7266

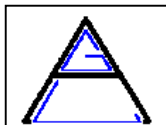
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real):** 5.495**GPM Propane+ (Real):** 2.449**GPM IC5+ (Real):** 0.580

GPA 2145 / 2172

**Fld. Remarks:** TAG: NO API PER WHITNEY**Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 252432  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |
|------------------|---------------|-----------------------|----------------------|----------------------|
| Nitrogen         | 1.5755        | 0.000                 | 0.015                |                      |
| Methane          | 78.2185       | 787.534               | 0.433                |                      |
| CO2              | 0.2854        | 0.000                 | 0.004                |                      |
| Ethane           | 11.6013       | 204.666               | 0.120                | 3.096                |
| H2S              | 0.0000        | 0.000                 | 0.000                |                      |
| Propane          | 4.8200        | 120.896               | 0.073                | 1.325                |
| Iso-Butane       | 0.6091        | 19.745                | 0.012                | 0.199                |
| Butane           | 1.4053        | 45.702                | 0.028                | 0.442                |
| Iso-Pentane      | 0.3680        | 14.677                | 0.009                | 0.134                |
| Pentane          | 0.3739        | 14.942                | 0.009                | 0.135                |
| Hexanes C6+      | 0.7430        | 37.991                | 0.024                | 0.324                |
| Hydrogen         | N/A           |                       |                      |                      |
| Helium           | N/A           |                       |                      |                      |
| Oxygen           | N/A           |                       |                      |                      |
| CO               | N/A           |                       |                      |                      |
| Totals           | 100.0000      | 1246.153              | 0.729                | 5.655                |

**Producer:** Permian Resources  
**Well / Sta. Name:** PALMILLO 14-15 TESTER #1  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** N/L

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/26/25  
 Date to Lab: 08/28/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 79  
 Line Press. (PSIG): 79  
 Sample Temp. (F): 78  
 Fl. Gas Temp. (F): 78  
 Amb. Temp. (F): 80

Del. To:  
 Sampled By: PP  
 Cylinder No.: 807

**Field H2O (#/mm):****Field H2S (PPM):** 0.2

Field H2S (Grains): 0.01

**Pressure Base:** 14.65**Temp. Base:** 60

Z Factor (Dry): 0.9964156

Z Factor (Act.): 0.9964156

Dry BTU w/ H2S: 1250.64

Sat BTU w/ H2S: 1229.22

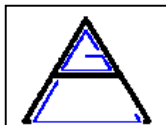
As Del. BTU w/ H2S: 1250.64

**Dry BTU W/O H2S (Real):** 1250.64**Sat. BTU W/O H2S (Real):** 1229.22**H2O (# / mmcf):** 0.0**AS DEL. BTU W/O H2S (Real):** 1250.64*BTU Calc: Dry***Sp. Gravity (Real):** 0.7318

Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real):** 5.655**GPM Propane+ (Real):** 2.559**GPM IC5+ (Real):** 0.593**Fld. Remarks:** TAG: NO API PER WHITNEY**Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 252433  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |
|------------------|---------------|-----------------------|----------------------|----------------------|
| Nitrogen         | 1.5811        | 0.000                 | 0.015                |                      |
| Methane          | 78.4163       | 789.526               | 0.434                |                      |
| CO2              | 0.1653        | 0.000                 | 0.003                |                      |
| Ethane           | 11.3728       | 200.634               | 0.118                | 3.035                |
| H2S              | 0.0000        | 0.000                 | 0.000                |                      |
| Propane          | 4.8929        | 122.725               | 0.074                | 1.345                |
| Iso-Butane       | 0.6199        | 20.095                | 0.012                | 0.202                |
| Butane           | 1.4876        | 48.378                | 0.030                | 0.468                |
| Iso-Pentane      | 0.3739        | 14.913                | 0.009                | 0.136                |
| Pentane          | 0.3975        | 15.885                | 0.010                | 0.144                |
| Hexanes C6+      | 0.6927        | 35.419                | 0.022                | 0.302                |
| Hydrogen         | N/A           |                       |                      |                      |
| Helium           | N/A           |                       |                      |                      |
| Oxygen           | N/A           |                       |                      |                      |
| CO               | N/A           |                       |                      |                      |
| Totals           | 100.0000      | 1247.575              | 0.729                | 5.632                |

**Producer:** Permian Resources  
**Well / Sta. Name:** PALMILLO 26 TESTER #2  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** N/L

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/28/25  
 Date to Lab: 08/29/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 94  
 Line Press. (PSIG): 94  
 Sample Temp. (F): 91  
 Fl. Gas Temp. (F): 91  
 Amb. Temp. (F): 82

Del. To:  
 Sampled By: JL  
 Cylinder No.: 686

**Field H2O (#/mm):****Field H2S (PPM):** 0.0

Field H2S (Grains): 0.0

**Pressure Base:** 14.65**Temp. Base:** 60

Z Factor (Dry): 0.9964209

Z Factor (Act.): 0.9964209

Dry BTU w/ H2S: 1252.06

Sat BTU w/ H2S: 1230.62

As Del. BTU w/ H2S: 1252.06

**Dry BTU W/O H2S (Real):** 1252.06**Sat. BTU W/O H2S (Real):** 1230.62**H2O (# / mmcf):** 0.0**AS DEL. BTU W/O H2S (Real):** 1252.06*BTU Calc: Dry***Sp. Gravity (Real):** 0.7308

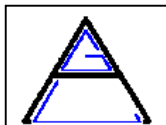
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real):** 5.632**GPM Propane+ (Real):** 2.597**GPM IC5+ (Real):** 0.582

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**Fld. Remarks:** TAG: NO API PER WHITNEY**Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 252434  
 Customer: Permian Resources

| <u>Component</u>         | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |                                                              |
|--------------------------|---------------|-----------------------|----------------------|----------------------|--------------------------------------------------------------|
| Nitrogen                 | 1.4856        | 0.000                 | 0.014                |                      | <b>Producer:</b> Permian Resources                           |
| Methane                  | 78.4941       | 790.309               | 0.435                |                      | <b>Well / Sta. Name:</b> PALMILLO 26 TESTER #1 316-214 WELLS |
| CO <sub>2</sub>          | 0.1464        | 0.000                 | 0.002                |                      | <b>Sta. No.:</b>                                             |
| Ethane                   | 11.4879       | 202.665               | 0.119                | 3.066                | <b>Formation:</b>                                            |
| H <sub>2</sub> S         | 0.0000        | 0.000                 | 0.000                |                      | <b>Field:</b> New Mexico                                     |
| Propane                  | 4.8675        | 122.088               | 0.074                | 1.338                | <b>County:</b>                                               |
| Iso-Butane               | 0.6121        | 19.843                | 0.012                | 0.200                | <b>API Number:</b> N/L                                       |
| Butane                   | 1.4640        | 47.611                | 0.029                | 0.461                | <b>Spot / Composite:</b> SP                                  |
| Iso-Pentane              | 0.3626        | 14.462                | 0.009                | 0.132                | Date / Time On:                                              |
| Pentane                  | 0.3891        | 15.549                | 0.010                | 0.141                | Date / Time Off: 08/28/25                                    |
| Hexanes C <sub>6</sub> + | 0.6907        | 35.317                | 0.022                | 0.301                | Date to Lab: 08/29/25                                        |
|                          |               |                       |                      |                      | Date Analyzed: 09/04/25                                      |
|                          |               |                       |                      |                      | Effective Date:                                              |
| Hydrogen                 | N/A           |                       |                      |                      | Sample Press. (PSIG): 95                                     |
| Helium                   | N/A           |                       |                      |                      | Line Press. (PSIG): 95                                       |
| Oxygen                   | N/A           |                       |                      |                      | Sample Temp. (F): 88                                         |
| CO                       | N/A           |                       |                      |                      | Fl. Gas Temp. (F): 88                                        |
|                          |               |                       |                      |                      | Amb. Temp. (F): 82                                           |
| Totals                   | 100.0000      | 1247.842              | 0.727                | 5.639                | Del. To:                                                     |
|                          |               |                       |                      |                      | Sampled By: JL                                               |
|                          |               |                       |                      |                      | Cylinder No.: 679                                            |

**Field H<sub>2</sub>O (#/mm):****Field H<sub>2</sub>S (PPM):** 0.0Field H<sub>2</sub>S (Grains): 0.0**Pressure Base:** 14.65**Temp. Base:** 60

Z Factor (Dry): 0.9964247

Z Factor (Act.): 0.9964247

Dry BTU w/ H<sub>2</sub>S: 1252.32Sat BTU w/ H<sub>2</sub>S: 1230.88As Del. BTU w/ H<sub>2</sub>S: 1252.32**Dry BTU W/O H<sub>2</sub>S (Real):** 1252.32**Sat. BTU W/O H<sub>2</sub>S (Real):** 1230.88**H<sub>2</sub>O (# / mmcf):** 0.0**AS DEL. BTU W/O H<sub>2</sub>S (Real):** 1252.32*BTU Calc: Dry***Sp. Gravity (Real):** 0.7297

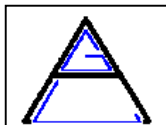
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real):** 5.639**GPM Propane+ (Real):** 2.573**GPM IC<sub>5</sub>+ (Real):** 0.574

GPA 2145 / 2172

**Fld. Remarks:** TAG: NO API PER WHITNEY**Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 252441  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |
|------------------|---------------|-----------------------|----------------------|----------------------|
| Nitrogen         | 1.5482        | 0.000                 | 0.015                |                      |
| Methane          | 78.5122       | 790.491               | 0.435                |                      |
| CO2              | 0.2299        | 0.000                 | 0.003                |                      |
| Ethane           | 11.4929       | 202.753               | 0.119                | 3.067                |
| H2S              | 0.0000        | 0.000                 | 0.000                |                      |
| Propane          | 4.7459        | 119.038               | 0.072                | 1.305                |
| Iso-Butane       | 0.5865        | 19.013                | 0.012                | 0.191                |
| Butane           | 1.3577        | 44.154                | 0.027                | 0.427                |
| Iso-Pentane      | 0.3753        | 14.968                | 0.009                | 0.137                |
| Pentane          | 0.4097        | 16.372                | 0.010                | 0.148                |
| Hexanes C6+      | 0.7417        | 37.924                | 0.024                | 0.323                |
| Hydrogen         | N/A           |                       |                      |                      |
| Helium           | N/A           |                       |                      |                      |
| Oxygen           | N/A           |                       |                      |                      |
| CO               | N/A           |                       |                      |                      |
| Totals           | 100.0000      | 1244.713              | 0.727                | 5.598                |

**Producer:** Permian Resources  
**Well / Sta. Name:** PALMILLO 14-15 TESTER #2  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** N/L

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/25/25  
 Date to Lab: 08/29/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 84  
 Line Press. (PSIG): 84  
 Sample Temp. (F): 93  
 Fl. Gas Temp. (F): 93  
 Amb. Temp. (F): 86

Del. To:  
 Sampled By: PP  
 Cylinder No.: 278

**Field H2O (#/mm):**

**Field H2S (PPM):** 0.2  
 Field H2S (Grains): 0.01

**Pressure Base:** 14.65  
**Temp. Base:** 60

Z Factor (Dry): 0.9964326  
 Z Factor (Act.): 0.9964326

Dry BTU w/ H2S: 1249.17  
 Sat BTU w/ H2S: 1227.78  
 As Del. BTU w/ H2S: 1249.17

**Dry BTU W/O H2S (Real):** 1249.17  
**Sat. BTU W/O H2S (Real):** 1227.78  
**H2O (# / mmcf):** 0.0

**AS DEL. BTU W/O H2S (Real):** 1249.17

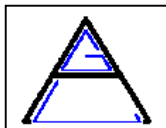
*BTU Calc: Dry*

**Sp. Gravity (Real):** 0.7297  
 Field Gravity:  
 Lab Gravitometer:

**GPM Ethane+ (Real):** 5.598  
**GPM Propane+ (Real):** 2.531  
**GPM IC5+ (Real):** 0.608

**Fld. Remarks:** TAG: NO API PER WHITNEY

**Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 252442  
 Customer: Permian Resources

| <u>Component</u>         | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |                              |                                      |
|--------------------------|---------------|-----------------------|----------------------|----------------------|------------------------------|--------------------------------------|
| Nitrogen                 | 1.7340        | 0.000                 | 0.017                |                      | <b>Producer:</b>             | <b>Permian Resources</b>             |
| Methane                  | 78.2087       | 787.435               | 0.433                |                      | <b>Well / Sta. Name:</b>     | <b>PALMILLO 3-10 COMPRESSOR FUEL</b> |
| CO <sub>2</sub>          | 0.4502        | 0.000                 | 0.007                |                      | <b>Sta. No.:</b>             |                                      |
| Ethane                   | 11.4734       | 202.409               | 0.119                | 3.062                | <b>Formation:</b>            |                                      |
| H <sub>2</sub> S         | 0.0004        | 0.000                 | 0.000                |                      | <b>Field:</b>                | <b>New Mexico</b>                    |
| Propane                  | 4.7026        | 117.952               | 0.072                | 1.293                | <b>County:</b>               |                                      |
| Iso-Butane               | 0.5977        | 19.376                | 0.012                | 0.195                | <b>API Number:</b>           | <b>N/L</b>                           |
| Butane                   | 1.3762        | 44.755                | 0.028                | 0.433                | <b>Spot / Composite:</b>     | <b>SP</b>                            |
| Iso-Pentane              | 0.3834        | 15.291                | 0.010                | 0.140                | <b>Date / Time On:</b>       |                                      |
| Pentane                  | 0.3843        | 15.357                | 0.010                | 0.139                | <b>Date / Time Off:</b>      | <b>08/14/25</b>                      |
| Hexanes C <sub>6</sub> + | 0.6891        | 35.235                | 0.022                | 0.300                | <b>Date to Lab:</b>          | <b>08/27/25</b>                      |
|                          |               |                       |                      |                      | <b>Date Analyzed:</b>        | <b>09/04/25</b>                      |
|                          |               |                       |                      |                      | <b>Effective Date:</b>       |                                      |
| Hydrogen                 | N/A           |                       |                      |                      | <b>Sample Press. (PSIG):</b> | <b>110</b>                           |
| Helium                   | N/A           |                       |                      |                      | <b>Line Press. (PSIG):</b>   | <b>110</b>                           |
| Oxygen                   | N/A           |                       |                      |                      | <b>Sample Temp. (F):</b>     | <b>91</b>                            |
| CO                       | N/A           |                       |                      |                      | <b>Fl. Gas Temp. (F):</b>    | <b>91</b>                            |
|                          |               |                       |                      |                      | <b>Amb. Temp. (F):</b>       | <b>96</b>                            |
| Totals                   | 100.0000      | 1237.811              | 0.728                | 5.562                | <b>Del. To:</b>              |                                      |
|                          |               |                       |                      |                      | <b>Sampled By:</b>           | <b>PP</b>                            |
|                          |               |                       |                      |                      | <b>Cylinder No.:</b>         | <b>707</b>                           |

**Field H<sub>2</sub>O (#/mm):**Field H<sub>2</sub>S (PPM): 3.5Field H<sub>2</sub>S (Grains): 0.22**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9964536

Z Factor (Act.): 0.9964536

Dry BTU w/ H<sub>2</sub>S: 1242.22Sat BTU w/ H<sub>2</sub>S: 1220.95As Del. BTU w/ H<sub>2</sub>S: 1242.22**Dry BTU W/O H<sub>2</sub>S (Real): 1242.22****Sat. BTU W/O H<sub>2</sub>S (Real): 1220.95****H<sub>2</sub>O (# / mmcf): 0.0****AS DEL. BTU W/O H<sub>2</sub>S (Real): 1242.22***BTU Calc: Dry***Sp. Gravity (Real): 0.7307**

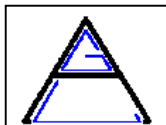
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.562****GPM Propane+ (Real): 2.500****GPM IC<sub>5</sub>+ (Real): 0.579**

GPA 2145 / 2172

**Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks:**

**ARMSTRONG GAS LABS, INC.**

P.O. Box 988  
 Monahans, Texas 79756  
 (432) 943-8844 (FAX) 943-8855

**GAS ANALYSIS REPORT**

Analysis No.: 252443  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 2.9421        | 0.000                 | 0.028                |                      |  |
| Methane          | 73.4841       | 739.866               | 0.407                |                      |  |
| CO2              | 5.7630        | 0.000                 | 0.088                |                      |  |
| Ethane           | 9.5493        | 168.465               | 0.099                | 2.548                |  |
| H2S              | 0.0003        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.8894        | 122.637               | 0.074                | 1.344                |  |
| Iso-Butane       | 0.5975        | 19.369                | 0.012                | 0.195                |  |
| Butane           | 1.4771        | 48.037                | 0.030                | 0.465                |  |
| Iso-Pentane      | 0.3367        | 13.429                | 0.008                | 0.123                |  |
| Pentane          | 0.3903        | 15.597                | 0.010                | 0.141                |  |
| Hexanes C6+      | 0.5702        | 29.155                | 0.018                | 0.248                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1156.555              | 0.775                | 5.064                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** ROMEO FEDERAL COM 701H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002545557

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/26/25  
 Date to Lab: 08/29/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 111  
 Line Press. (PSIG): 111  
 Sample Temp. (F): 73  
 Fl. Gas Temp. (F): 73  
 Amb. Temp. (F): 70

Del. To:  
 Sampled By: NP  
 Cylinder No.: 151

**Field H2O (#/mm):**

Field H2S (PPM): 3.0  
 Field H2S (Grains): 0.19

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9964218

Z Factor (Act.): 0.9964218

Dry BTU w/ H2S: 1160.71

Sat BTU w/ H2S: 1140.84

As Del. BTU w/ H2S: 1160.71

**Dry BTU W/O H2S (Real): 1160.71****Sat. BTU W/O H2S (Real): 1140.84****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1160.71***BTU Calc: Dry***Sp. Gravity (Real): 0.7772**

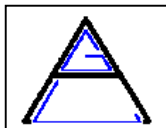
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.064****GPM Propane+ (Real): 2.516****GPM IC5+ (Real): 0.512**

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks:**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 252444  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |                                                     |
|------------------|---------------|-----------------------|----------------------|----------------------|-----------------------------------------------------|
| Nitrogen         | 4.2263        | 0.000                 | 0.041                |                      | <b>Producer:</b> Permian Resources                  |
| Methane          | 68.7880       | 692.584               | 0.381                |                      | <b>Well / Sta. Name:</b> RAIDER 502-701 SALES CHECK |
| CO2              | 10.4407       | 0.000                 | 0.159                |                      | <b>Sta. No.:</b>                                    |
| Ethane           | 8.6289        | 152.228               | 0.090                | 2.303                | <b>Formation:</b>                                   |
| H2S              | 0.0005        | 0.000                 | 0.000                |                      | <b>Field:</b> New Mexico                            |
| Propane          | 4.6157        | 115.772               | 0.070                | 1.269                | <b>County:</b>                                      |
| Iso-Butane       | 0.5964        | 19.334                | 0.012                | 0.195                | <b>API Number:</b> N/L                              |
| Butane           | 1.4573        | 47.393                | 0.029                | 0.458                | <b>Spot / Composite:</b> SP                         |
| Iso-Pentane      | 0.3761        | 15.000                | 0.009                | 0.137                | Date / Time On:                                     |
| Pentane          | 0.3741        | 14.950                | 0.009                | 0.135                | Date / Time Off: 08/27/25                           |
| Hexanes C6+      | 0.4960        | 25.361                | 0.016                | 0.216                | Date to Lab: 08/29/25                               |
|                  |               |                       |                      |                      | Date Analyzed: 09/04/25                             |
|                  |               |                       |                      |                      | Effective Date:                                     |
| Hydrogen         | N/A           |                       |                      |                      | Sample Press. (PSIG): 120                           |
| Helium           | N/A           |                       |                      |                      | Line Press. (PSIG): 120                             |
| Oxygen           | N/A           |                       |                      |                      | Sample Temp. (F): 76                                |
| CO               | N/A           |                       |                      |                      | Fl. Gas Temp. (F): 76                               |
|                  |               |                       |                      |                      | Amb. Temp. (F): 70                                  |
| Totals           | 100.0000      | 1082.621              | 0.816                | 4.713                | Del. To:                                            |
|                  |               |                       |                      |                      | Sampled By: NP                                      |
|                  |               |                       |                      |                      | Cylinder No.: 183                                   |

**Field H2O (#/mm):**

Field H2S (PPM): 5.0

Field H2S (Grains): 0.31

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9963993

Z Factor (Act.): 0.9963993

Dry BTU w/ H2S: 1086.54

Sat BTU w/ H2S: 1067.94

As Del. BTU w/ H2S: 1086.54

**Dry BTU W/O H2S (Real): 1086.53****Sat. BTU W/O H2S (Real): 1067.93****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1086.53***BTU Calc: Dry***Sp. Gravity (Real): 0.8189**

Field Gravity:

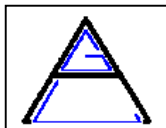
Lab Gravitometer:

**GPM Ethane+ (Real): 4.713****GPM Propane+ (Real): 2.410****GPM IC5+ (Real): 0.488**

GPA 2145 / 2172

**Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks:**



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**GAS ANALYSIS REPORT**

Analysis No.: 252445  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 1.5525        | 0.000                 | 0.015                |                      |  |
| Methane          | 77.8481       | 783.805               | 0.431                |                      |  |
| CO2              | 0.1923        | 0.000                 | 0.003                |                      |  |
| Ethane           | 11.3935       | 201.000               | 0.118                | 3.041                |  |
| H2S              | 0.0000        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.9980        | 125.361               | 0.076                | 1.374                |  |
| Iso-Butane       | 0.6555        | 21.249                | 0.013                | 0.214                |  |
| Butane           | 1.5633        | 50.840                | 0.031                | 0.492                |  |
| Iso-Pentane      | 0.4161        | 16.596                | 0.010                | 0.152                |  |
| Pentane          | 0.4465        | 17.843                | 0.011                | 0.161                |  |
| Hexanes C6+      | 0.9342        | 47.767                | 0.030                | 0.407                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1264.460              | 0.740                | 5.841                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** PALMILLO 26 VRU  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** N/L

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/28/25  
 Date to Lab: 08/29/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 125  
 Line Press. (PSIG): 125  
 Sample Temp. (F): 87  
 Fl. Gas Temp. (F): 87  
 Amb. Temp. (F): 82

Del. To:  
 Sampled By: JL  
 Cylinder No.: 851

**Field H2O (#/mm):****Field H2S (PPM):** 0.0

Field H2S (Grains): 0.0

**Pressure Base:** 14.65**Temp. Base:** 60

Z Factor (Dry): 0.9962853

Z Factor (Act.): 0.9962853

Dry BTU w/ H2S: 1269.18

Sat BTU w/ H2S: 1247.45

As Del. BTU w/ H2S: 1269.18

**Dry BTU W/O H2S (Real):** 1269.18**Sat. BTU W/O H2S (Real):** 1247.45**H2O (# / mmcf):** 0.0**AS DEL. BTU W/O H2S (Real):** 1269.18*BTU Calc: Dry***Sp. Gravity (Real):** 0.7421

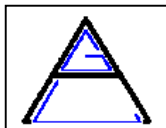
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real):** 5.841**GPM Propane+ (Real):** 2.800**GPM IC5+ (Real):** 0.720

GPA 2145 / 2172

**Fld. Remarks:** TAG: NO API PER WHITNEY**Lab Remarks:** CP @ LAB 95 PSIG

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 252446  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |
|------------------|---------------|-----------------------|----------------------|----------------------|
| Nitrogen         | 1.5610        | 0.000                 | 0.015                |                      |
| Methane          | 78.5528       | 790.900               | 0.435                |                      |
| CO2              | 0.1678        | 0.000                 | 0.003                |                      |
| Ethane           | 11.4329       | 201.695               | 0.119                | 3.051                |
| H2S              | 0.0000        | 0.000                 | 0.000                |                      |
| Propane          | 4.9497        | 124.150               | 0.075                | 1.361                |
| Iso-Butane       | 0.6210        | 20.131                | 0.012                | 0.203                |
| Butane           | 1.4579        | 47.412                | 0.029                | 0.459                |
| Iso-Pentane      | 0.3601        | 14.362                | 0.009                | 0.131                |
| Pentane          | 0.3758        | 15.018                | 0.009                | 0.136                |
| Hexanes C6+      | 0.5210        | 26.640                | 0.017                | 0.227                |
| Hydrogen         | N/A           |                       |                      |                      |
| Helium           | N/A           |                       |                      |                      |
| Oxygen           | N/A           |                       |                      |                      |
| CO               | N/A           |                       |                      |                      |
| Totals           | 100.0000      | 1240.307              | 0.724                | 5.568                |

**Producer:** Permian Resources  
**Well / Sta. Name:** PALMILLO ST COMP FUEL  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** N/L

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/28/25  
 Date to Lab: 08/29/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 126  
 Line Press. (PSIG): 126  
 Sample Temp. (F): 71  
 Fl. Gas Temp. (F): 71  
 Amb. Temp. (F): 82

Del. To:  
 Sampled By: JL  
 Cylinder No.: 835

**Field H2O (#/mm):****Field H2S (PPM):** 0.0

Field H2S (Grains): 0.0

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9964818

Z Factor (Act.): 0.9964818

Dry BTU w/ H2S: 1244.69

Sat BTU w/ H2S: 1223.37

As Del. BTU w/ H2S: 1244.69

**Dry BTU W/O H2S (Real): 1244.69****Sat. BTU W/O H2S (Real): 1223.37****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1244.69***BTU Calc: Dry***Sp. Gravity (Real): 0.7259**

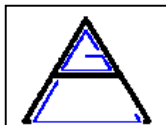
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.568****GPM Propane+ (Real): 2.517****GPM IC5+ (Real): 0.494**

GPA 2145 / 2172

**Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 252447  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 2.3415        | 0.000                 | 0.023                |                      |  |
| Methane          | 73.4265       | 739.286               | 0.407                |                      |  |
| CO2              | 1.8742        | 0.000                 | 0.028                |                      |  |
| Ethane           | 10.8222       | 190.921               | 0.112                | 2.889                |  |
| H2S              | 0.0001        | 0.000                 | 0.000                |                      |  |
| Propane          | 6.5957        | 165.435               | 0.100                | 1.814                |  |
| Iso-Butane       | 0.9119        | 29.561                | 0.018                | 0.298                |  |
| Butane           | 2.3207        | 75.471                | 0.047                | 0.730                |  |
| Iso-Pentane      | 0.5177        | 20.648                | 0.013                | 0.189                |  |
| Pentane          | 0.5216        | 20.844                | 0.013                | 0.189                |  |
| Hexanes C6+      | 0.6679        | 34.151                | 0.021                | 0.291                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1276.317              | 0.783                | 6.400                |  |

Producer: Permian Resources  
 Well / Sta. Name: RAIDER 503-703 SALES CHECK  
 Sta. No.:  
 Formation:  
 Field: New Mexico  
 County:  
 API Number: N/L

Spot / Composite: SP  
 Date / Time On:  
 Date / Time Off: 08/26/25  
 Date to Lab: 08/29/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 126  
 Line Press. (PSIG): 126  
 Sample Temp. (F): 90  
 Fl. Gas Temp. (F): 90  
 Amb. Temp. (F): 85

Del. To:  
 Sampled By: NP  
 Cylinder No.: 404

**Field H2O (#/mm):****Field H2S (PPM):** 0.5

Field H2S (Grains): 0.03

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9959946

Z Factor (Act.): 0.9959946

Dry BTU w/ H2S: 1281.45

Sat BTU w/ H2S: 1259.53

As Del. BTU w/ H2S: 1281.45

**Dry BTU W/O H2S (Real): 1281.45****Sat. BTU W/O H2S (Real): 1259.53****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1281.45***BTU Calc: Dry***Sp. Gravity (Real): 0.7857**

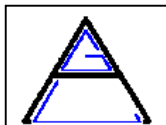
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 6.400****GPM Propane+ (Real): 3.511****GPM IC5+ (Real): 0.669**

GPA 2145 / 2172

**Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks:**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 252448  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 4.2470        | 0.000                 | 0.041                |                      |  |
| Methane          | 66.6164       | 670.720               | 0.369                |                      |  |
| CO2              | 2.1441        | 0.000                 | 0.033                |                      |  |
| Ethane           | 14.0961       | 248.678               | 0.146                | 3.765                |  |
| H2S              | 0.0200        | 0.000                 | 0.000                |                      |  |
| Propane          | 7.9680        | 199.855               | 0.121                | 2.192                |  |
| Iso-Butane       | 0.8684        | 28.151                | 0.017                | 0.284                |  |
| Butane           | 2.1932        | 71.325                | 0.044                | 0.690                |  |
| Iso-Pentane      | 0.4789        | 19.100                | 0.012                | 0.175                |  |
| Pentane          | 0.4838        | 19.333                | 0.012                | 0.175                |  |
| Hexanes C6+      | 0.8841        | 45.205                | 0.028                | 0.385                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1302.368              | 0.824                | 7.666                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** ROBIN FED COM 121H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002552630

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/26/25  
 Date to Lab: 08/26/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 138  
 Line Press. (PSIG): 138  
 Sample Temp. (F): 109  
 Fl. Gas Temp. (F): 109  
 Amb. Temp. (F): 82

Del. To:  
 Sampled By: IF  
 Cylinder No.: 189

**Field H2O (#/mm):**

Field H2S (PPM): 200.0  
 Field H2S (Grains): 12.59

**Pressure Base: 14.65**  
**Temp. Base: 60**

Z Factor (Dry): 0.9956637  
 Z Factor (Act.): 0.9956637

Dry BTU w/ H2S: 1308.17

Sat BTU w/ H2S: 1285.80

As Del. BTU w/ H2S: 1308.17

**Dry BTU W/O H2S (Real): 1308.04**

**Sat. BTU W/O H2S (Real): 1285.68**

**H2O (# / mmcf): 0.0**

**AS DEL. BTU W/O H2S (Real): 1308.04**

*BTU Calc: Dry*

**Sp. Gravity (Real): 0.8277**

Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 7.666**

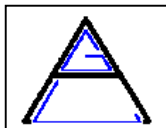
**GPM Propane+ (Real): 3.901**

**GPM IC5+ (Real): 0.735**

GPA 2145 / 2172

**Fld. Remarks:**

**Lab Remarks:**

**ARMSTRONG GAS LABS, INC.**

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 (432) 943-8844 (FAX) 943-8855

**GAS ANALYSIS REPORT**

Analysis No.: 252449  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 1.8765        | 0.000                 | 0.018                |                      |  |
| Methane          | 79.8483       | 803.944               | 0.442                |                      |  |
| CO2              | 2.4061        | 0.000                 | 0.037                |                      |  |
| Ethane           | 8.1252        | 143.342               | 0.084                | 2.168                |  |
| H2S              | 0.0090        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.2876        | 107.543               | 0.065                | 1.178                |  |
| Iso-Butane       | 0.6391        | 20.718                | 0.013                | 0.209                |  |
| Butane           | 1.4514        | 47.201                | 0.029                | 0.457                |  |
| Iso-Pentane      | 0.4091        | 16.316                | 0.010                | 0.149                |  |
| Pentane          | 0.3653        | 14.598                | 0.009                | 0.132                |  |
| Hexanes C6+      | 0.5824        | 29.779                | 0.019                | 0.254                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1183.440              | 0.727                | 4.547                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** DONKEY KONG 1 FED COM 503H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002545680

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/21/25  
 Date to Lab: 08/27/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 139  
 Line Press. (PSIG): 139  
 Sample Temp. (F): 86  
 Fl. Gas Temp. (F): 86  
 Amb. Temp. (F): 80

Del. To:  
 Sampled By: BT  
 Cylinder No.: AGL-716

**Field H2O (#/mm):**

Field H2S (PPM): 90.0  
 Field H2S (Grains): 5.66

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9966319

Z Factor (Act.): 0.9966319

Dry BTU w/ H2S: 1187.50

Sat BTU w/ H2S: 1167.16

As Del. BTU w/ H2S: 1187.50

**Dry BTU W/O H2S (Real): 1187.44****Sat. BTU W/O H2S (Real): 1167.10****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1187.44***BTU Calc: Dry***Sp. Gravity (Real): 0.7289**

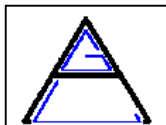
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 4.547****GPM Propane+ (Real): 2.379****GPM IC5+ (Real): 0.535**

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks: CP @ LAB 120 PSIG**

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**GAS ANALYSIS REPORT**

Analysis No.: 252450  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 2.0747        | 0.000                 | 0.020                |                      |  |
| Methane          | 78.3485       | 788.843               | 0.434                |                      |  |
| CO2              | 2.3676        | 0.000                 | 0.036                |                      |  |
| Ethane           | 8.5481        | 150.802               | 0.089                | 2.281                |  |
| H2S              | 0.0010        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.6564        | 116.793               | 0.071                | 1.280                |  |
| Iso-Butane       | 0.6959        | 22.559                | 0.014                | 0.227                |  |
| Butane           | 1.6100        | 52.359                | 0.032                | 0.507                |  |
| Iso-Pentane      | 0.4555        | 18.167                | 0.011                | 0.166                |  |
| Pentane          | 0.4252        | 16.992                | 0.011                | 0.154                |  |
| Hexanes C6+      | 0.8171        | 41.780                | 0.026                | 0.356                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1208.294              | 0.744                | 4.971                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** SOLOMON FEDERAL COM 505H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002548692

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/27/25  
 Date to Lab: 08/27/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 155  
 Line Press. (PSIG): 155  
 Sample Temp. (F): 78  
 Fl. Gas Temp. (F): 78  
 Amb. Temp. (F): 70

Del. To:  
 Sampled By: BT  
 Cylinder No.: AGL-733

**Field H2O (#/mm):**

Field H2S (PPM): 10.0  
 Field H2S (Grains): 0.63

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9964431

Z Factor (Act.): 0.9964431

Dry BTU w/ H2S: 1212.61

Sat BTU w/ H2S: 1191.85

As Del. BTU w/ H2S: 1212.61

**Dry BTU W/O H2S (Real): 1212.61****Sat. BTU W/O H2S (Real): 1191.85****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1212.61***BTU Calc: Dry***Sp. Gravity (Real): 0.7465**

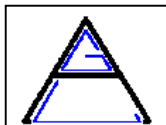
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 4.971****GPM Propane+ (Real): 2.690****GPM IC5+ (Real): 0.676**

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 252451  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 3.0565        | 0.000                 | 0.030                |                      |  |
| Methane          | 74.7431       | 752.542               | 0.414                |                      |  |
| CO2              | 7.0980        | 0.000                 | 0.108                |                      |  |
| Ethane           | 8.1572        | 143.906               | 0.085                | 2.176                |  |
| H2S              | 0.0030        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.0475        | 101.520               | 0.062                | 1.112                |  |
| Iso-Butane       | 0.5439        | 17.632                | 0.011                | 0.178                |  |
| Butane           | 1.2477        | 40.576                | 0.025                | 0.392                |  |
| Iso-Pentane      | 0.3453        | 13.772                | 0.009                | 0.126                |  |
| Pentane          | 0.3147        | 12.576                | 0.008                | 0.114                |  |
| Hexanes C6+      | 0.4431        | 22.656                | 0.014                | 0.193                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1105.181              | 0.764                | 4.291                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** SOLOMON FEDERAL COM 304H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002550269

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/27/25  
 Date to Lab: 08/27/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 165  
 Line Press. (PSIG): 165  
 Sample Temp. (F): 78  
 Fl. Gas Temp. (F): 78  
 Amb. Temp. (F): 70

Del. To:  
 Sampled By: BT  
 Cylinder No.: AGL-751

**Field H2O (#/mm):**

Field H2S (PPM): 30.0  
 Field H2S (Grains): 1.89

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9966443

Z Factor (Act.): 0.9966443

Dry BTU w/ H2S: 1108.92

Sat BTU w/ H2S: 1089.93

As Del. BTU w/ H2S: 1108.92

**Dry BTU W/O H2S (Real): 1108.90****Sat. BTU W/O H2S (Real): 1089.91****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1108.90***BTU Calc: Dry***Sp. Gravity (Real): 0.7667**

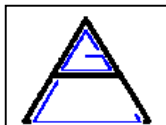
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 4.291****GPM Propane+ (Real): 2.115****GPM IC5+ (Real): 0.433**

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 252452  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 1.7832        | 0.000                 | 0.017                |                      |  |
| Methane          | 78.6063       | 791.439               | 0.435                |                      |  |
| CO2              | 2.1308        | 0.000                 | 0.032                |                      |  |
| Ethane           | 8.6632        | 152.833               | 0.090                | 2.312                |  |
| H2S              | 0.0100        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.6982        | 117.841               | 0.072                | 1.292                |  |
| Iso-Butane       | 0.7454        | 24.164                | 0.015                | 0.243                |  |
| Butane           | 1.7116        | 55.663                | 0.034                | 0.538                |  |
| Iso-Pentane      | 0.4683        | 18.678                | 0.012                | 0.171                |  |
| Pentane          | 0.4141        | 16.548                | 0.010                | 0.150                |  |
| Hexanes C6+      | 0.7689        | 39.315                | 0.025                | 0.335                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1216.480              | 0.743                | 5.041                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** DONKEY KONG 1 FED COM 602H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002545682

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/27/25  
 Date to Lab: 08/27/25  
 Date Analyzed: 09/05/25  
 Effective Date:

Sample Press. (PSIG): 131  
 Line Press. (PSIG): 131  
 Sample Temp. (F): 85  
 Fl. Gas Temp. (F): 85  
 Amb. Temp. (F): 80

Del. To:  
 Sampled By: BT  
 Cylinder No.: AGL-676

**Field H2O (#/mm):**

Field H2S (PPM): 100.0  
 Field H2S (Grains): 6.29

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9964232

Z Factor (Act.): 0.9964232

Dry BTU w/ H2S: 1220.91

Sat BTU w/ H2S: 1200.01

As Del. BTU w/ H2S: 1220.91

**Dry BTU W/O H2S (Real): 1220.85****Sat. BTU W/O H2S (Real): 1199.95****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1220.85***BTU Calc: Dry***Sp. Gravity (Real): 0.7450**

Field Gravity:

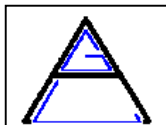
Lab Gravitometer:

**GPM Ethane+ (Real): 5.041****GPM Propane+ (Real): 2.729****GPM IC5+ (Real): 0.656**

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks: CP @ LAB 7 PSIG**



**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 352953  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 2.0013        | 0.000                 | 0.019                |                      |  |
| Methane          | 79.4624       | 800.058               | 0.440                |                      |  |
| CO2              | 1.1423        | 0.000                 | 0.017                |                      |  |
| Ethane           | 9.2139        | 162.548               | 0.096                | 2.459                |  |
| H2S              | 0.0030        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.4787        | 112.336               | 0.068                | 1.231                |  |
| Iso-Butane       | 0.6621        | 21.463                | 0.013                | 0.216                |  |
| Butane           | 1.5648        | 50.889                | 0.031                | 0.492                |  |
| Iso-Pentane      | 0.4166        | 16.616                | 0.010                | 0.152                |  |
| Pentane          | 0.3828        | 15.297                | 0.010                | 0.138                |  |
| Hexanes C6+      | 0.6721        | 34.366                | 0.022                | 0.293                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1213.573              | 0.727                | 4.981                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** WINNEBAGO 30 STATE COM 601H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002550272

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/25/25  
 Date to Lab: 08/26/25  
 Date Analyzed: 08/30/25  
 Effective Date:

Sample Press. (PSIG): 118  
 Line Press. (PSIG): 118  
 Sample Temp. (F): 87  
 Fl. Gas Temp. (F): 87  
 Amb. Temp. (F): 91

Del. To:  
 Sampled By: QG  
 Cylinder No.: 715

**Field H2O (#/mm):**

Field H2S (PPM): 30.0  
 Field H2S (Grains): 1.89

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9965451

Z Factor (Act.): 0.9965451

Dry BTU w/ H2S: 1217.80

Sat BTU w/ H2S: 1196.94

As Del. BTU w/ H2S: 1217.80

**Dry BTU W/O H2S (Real): 1217.78****Sat. BTU W/O H2S (Real): 1196.93****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1217.78***BTU Calc: Dry***Sp. Gravity (Real): 0.7292**

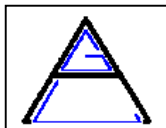
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 4.981****GPM Propane+ (Real): 2.522****GPM IC5+ (Real): 0.583**

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks: CP @ LAB 32 PSIG**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 352954  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 1.8837        | 0.000                 | 0.018                |                      |  |
| Methane          | 75.5854       | 761.023               | 0.419                |                      |  |
| CO2              | 1.9312        | 0.000                 | 0.029                |                      |  |
| Ethane           | 10.9990       | 194.040               | 0.114                | 2.936                |  |
| H2S              | 0.0200        | 0.000                 | 0.000                |                      |  |
| Propane          | 5.6500        | 141.715               | 0.086                | 1.554                |  |
| Iso-Butane       | 0.7513        | 24.355                | 0.015                | 0.245                |  |
| Butane           | 1.7283        | 56.206                | 0.035                | 0.544                |  |
| Iso-Pentane      | 0.4187        | 16.699                | 0.010                | 0.153                |  |
| Pentane          | 0.3989        | 15.941                | 0.010                | 0.144                |  |
| Hexanes C6+      | 0.6335        | 32.392                | 0.020                | 0.276                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1242.370              | 0.757                | 5.852                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** OUTLAND STATE UNIT 122H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002553010

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/27/25  
 Date to Lab: 08/27/25  
 Date Analyzed: 08/30/25  
 Effective Date:

Sample Press. (PSIG): 124  
 Line Press. (PSIG): 124  
 Sample Temp. (F): 79  
 Fl. Gas Temp. (F): 79  
 Amb. Temp. (F): 88

Del. To:  
 Sampled By: MG  
 Cylinder No.: 769

**Field H2O (#/mm):**

Field H2S (PPM): 200.0  
 Field H2S (Grains): 12.59

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9962568

Z Factor (Act.): 0.9962568

Dry BTU w/ H2S: 1247.17

Sat BTU w/ H2S: 1225.82

As Del. BTU w/ H2S: 1247.17

**Dry BTU W/O H2S (Real): 1247.04****Sat. BTU W/O H2S (Real): 1225.69****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1247.04***BTU Calc: Dry***Sp. Gravity (Real): 0.7597**

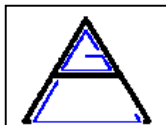
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.852****GPM Propane+ (Real): 2.916****GPM IC5+ (Real): 0.573**

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks:**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 352955  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |                                                  |
|------------------|---------------|-----------------------|----------------------|----------------------|--------------------------------------------------|
| Nitrogen         | 1.7174        | 0.000                 | 0.017                |                      | <b>Producer:</b> Permian Resources               |
| Methane          | 76.7707       | 772.957               | 0.425                |                      | <b>Well / Sta. Name:</b> OUTLAND STATE UNIT 131H |
| CO2              | 0.7903        | 0.000                 | 0.012                |                      | <b>Sta. No.:</b>                                 |
| Ethane           | 11.4009       | 201.130               | 0.118                | 3.043                | <b>Formation:</b>                                |
| H2S              | 0.0100        | 0.000                 | 0.000                |                      | <b>Field:</b> New Mexico                         |
| Propane          | 5.5874        | 140.145               | 0.085                | 1.536                | <b>County:</b>                                   |
| Iso-Butane       | 0.7109        | 23.045                | 0.014                | 0.232                | <b>API Number:</b> 3002553011                    |
| Butane           | 1.6569        | 53.884                | 0.033                | 0.521                | <b>Spot / Composite:</b> SP                      |
| Iso-Pentane      | 0.3837        | 15.303                | 0.010                | 0.140                | Date / Time On:                                  |
| Pentane          | 0.3808        | 15.217                | 0.009                | 0.138                | Date / Time Off: 08/27/25                        |
| Hexanes C6+      | 0.5910        | 30.219                | 0.019                | 0.257                | Date to Lab: 08/27/25                            |
|                  |               |                       |                      |                      | Date Analyzed: 08/30/25                          |
|                  |               |                       |                      |                      | Effective Date:                                  |
| Hydrogen         | N/A           |                       |                      |                      | Sample Press. (PSIG): 139                        |
| Helium           | N/A           |                       |                      |                      | Line Press. (PSIG): 139                          |
| Oxygen           | N/A           |                       |                      |                      | Sample Temp. (F): 84                             |
| CO               | N/A           |                       |                      |                      | Fl. Gas Temp. (F): 84                            |
|                  |               |                       |                      |                      | Amb. Temp. (F): 80                               |
| Totals           | 100.0000      | 1251.901              | 0.743                | 5.867                | Del. To:                                         |
|                  |               |                       |                      |                      | Sampled By: JT                                   |
|                  |               |                       |                      |                      | Cylinder No.: 224                                |

**Field H2O (#/mm):**

Field H2S (PPM): 100.0

Field H2S (Grains): 6.29

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9963221

Z Factor (Act.): 0.9963221

Dry BTU w/ H2S: 1256.59

Sat BTU w/ H2S: 1235.08

As Del. BTU w/ H2S: 1256.59

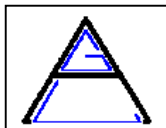
**Dry BTU W/O H2S (Real): 1256.52****Sat. BTU W/O H2S (Real): 1235.01****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1256.52***BTU Calc: Dry***Sp. Gravity (Real): 0.7454**

Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.867****GPM Propane+ (Real): 2.824****GPM IC5+ (Real): 0.535****Fld. Remarks:****Lab Remarks:**

GPA 2145 / 2172

**ARMSTRONG GAS LABS, INC.**

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 Monahans, Texas 79756  
 (432) 943-8844 (FAX) 943-8855

**GAS ANALYSIS REPORT**

Analysis No.: 352956  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |                                                  |
|------------------|---------------|-----------------------|----------------------|----------------------|--------------------------------------------------|
| Nitrogen         | 2.0151        | 0.000                 | 0.019                |                      | <b>Producer:</b> Permian Resources               |
| Methane          | 76.5686       | 770.922               | 0.424                |                      | <b>Well / Sta. Name:</b> OUTLAND STATE UNIT 121H |
| CO2              | 1.9765        | 0.000                 | 0.030                |                      | <b>Sta. No.:</b>                                 |
| Ethane           | 10.8617       | 191.618               | 0.113                | 2.899                | <b>Formation:</b>                                |
| H2S              | 0.0200        | 0.000                 | 0.000                |                      | <b>Field:</b> New Mexico                         |
| Propane          | 5.2366        | 131.346               | 0.080                | 1.440                | <b>County:</b>                                   |
| Iso-Butane       | 0.6413        | 20.789                | 0.013                | 0.209                | <b>API Number:</b> 3002553009                    |
| Butane           | 1.4640        | 47.611                | 0.029                | 0.461                | <b>Spot / Composite:</b> SP                      |
| Iso-Pentane      | 0.3439        | 13.716                | 0.009                | 0.126                | <b>Date / Time On:</b>                           |
| Pentane          | 0.3261        | 13.031                | 0.008                | 0.118                | <b>Date / Time Off:</b> 08/27/25                 |
| Hexanes C6+      | 0.5462        | 27.928                | 0.018                | 0.238                | <b>Date to Lab:</b> 08/27/25                     |
|                  |               |                       |                      |                      | <b>Date Analyzed:</b> 08/30/25                   |
|                  |               |                       |                      |                      | <b>Effective Date:</b>                           |
| Hydrogen         | N/A           |                       |                      |                      | <b>Sample Press. (PSIG):</b> 149                 |
| Helium           | N/A           |                       |                      |                      | <b>Line Press. (PSIG):</b> 149                   |
| Oxygen           | N/A           |                       |                      |                      | <b>Sample Temp. (F):</b> 95                      |
| CO               | N/A           |                       |                      |                      | <b>Fl. Gas Temp. (F):</b> 95                     |
|                  |               |                       |                      |                      | <b>Amb. Temp. (F):</b> 88                        |
| Totals           | 100.0000      | 1216.961              | 0.743                | 5.491                | <b>Del. To:</b>                                  |
|                  |               |                       |                      |                      | <b>Sampled By:</b> JT                            |
|                  |               |                       |                      |                      | <b>Cylinder No.:</b> 780                         |

**Field H2O (#/mm):**

Field H2S (PPM): 200.0

Field H2S (Grains): 12.59

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9964339

Z Factor (Act.): 0.9964339

Dry BTU w/ H2S: 1221.44

Sat BTU w/ H2S: 1200.53

As Del. BTU w/ H2S: 1221.44

**Dry BTU W/O H2S (Real): 1221.32****Sat. BTU W/O H2S (Real): 1200.41****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1221.32***BTU Calc: Dry***Sp. Gravity (Real): 0.7452**

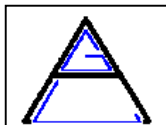
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.491****GPM Propane+ (Real): 2.592****GPM IC5+ (Real): 0.482**

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks:**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 352957  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 2.0353        | 0.000                 | 0.020                |                      |  |
| Methane          | 75.7522       | 762.702               | 0.420                |                      |  |
| CO2              | 2.7548        | 0.000                 | 0.042                |                      |  |
| Ethane           | 10.8027       | 190.577               | 0.112                | 2.883                |  |
| H2S              | 0.0700        | 0.000                 | 0.001                |                      |  |
| Propane          | 5.2129        | 130.751               | 0.079                | 1.433                |  |
| Iso-Butane       | 0.6500        | 21.071                | 0.013                | 0.212                |  |
| Butane           | 1.5114        | 49.152                | 0.030                | 0.476                |  |
| Iso-Pentane      | 0.3612        | 14.406                | 0.009                | 0.132                |  |
| Pentane          | 0.3533        | 14.118                | 0.009                | 0.128                |  |
| Hexanes C6+      | 0.4962        | 25.372                | 0.016                | 0.216                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1208.150              | 0.751                | 5.480                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** DOVETAIL 18 7 STATE COM 122H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002551728

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/27/25  
 Date to Lab: 08/27/25  
 Date Analyzed: 08/30/25  
 Effective Date:

Sample Press. (PSIG): 169  
 Line Press. (PSIG): 169  
 Sample Temp. (F): 92  
 Fl. Gas Temp. (F): 92  
 Amb. Temp. (F): 72

Del. To:  
 Sampled By: MG  
 Cylinder No.: AGL-230

**Field H2O (#/mm):**

Field H2S (PPM): 700.0  
 Field H2S (Grains): 44.05

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9964078

Z Factor (Act.): 0.9964078

Dry BTU w/ H2S: 1212.95

Sat BTU w/ H2S: 1192.19

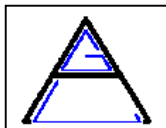
As Del. BTU w/ H2S: 1212.95

**Dry BTU W/O H2S (Real): 1212.51****Sat. BTU W/O H2S (Real): 1191.75****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1212.51***BTU Calc: Dry***Sp. Gravity (Real): 0.7530**

Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.480****GPM Propane+ (Real): 2.597****GPM IC5+ (Real): 0.476****Fld. Remarks:****Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 352958  
 Customer: Permian Resources

| <u>Component</u>         | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |                                                              |
|--------------------------|---------------|-----------------------|----------------------|----------------------|--------------------------------------------------------------|
| Nitrogen                 | 1.7223        | 0.000                 | 0.017                |                      | <b>Producer:</b> Permian Resources                           |
| Methane                  | 78.0104       | 785.439               | 0.432                |                      | <b>Well / Sta. Name:</b> BRIDGE STATE UNIT 29 501H INJECTION |
| CO <sub>2</sub>          | 4.5693        | 0.000                 | 0.069                |                      | <b>Sta. No.:</b>                                             |
| Ethane                   | 7.6934        | 135.724               | 0.080                | 2.053                | <b>Formation:</b>                                            |
| H <sub>2</sub> S         | 0.0006        | 0.000                 | 0.000                |                      | <b>Field:</b> New Mexico                                     |
| Propane                  | 3.9066        | 97.986                | 0.059                | 1.074                | <b>County:</b>                                               |
| Iso-Butane               | 0.6974        | 22.608                | 0.014                | 0.228                | <b>API Number:</b> N/L                                       |
| Butane                   | 1.7490        | 56.879                | 0.035                | 0.550                | <b>Spot / Composite:</b> SP                                  |
| Iso-Pentane              | 0.5579        | 22.251                | 0.014                | 0.204                | Date / Time On:                                              |
| Pentane                  | 0.4610        | 18.422                | 0.011                | 0.167                | Date / Time Off: 08/22/25                                    |
| Hexanes C <sub>6</sub> + | 0.6321        | 32.320                | 0.020                | 0.275                | Date to Lab: 08/25/25                                        |
|                          |               |                       |                      |                      | Date Analyzed: 08/30/25                                      |
|                          |               |                       |                      |                      | Effective Date:                                              |
| Hydrogen                 | N/A           |                       |                      |                      | Sample Press. (PSIG): 1168                                   |
| Helium                   | N/A           |                       |                      |                      | Line Press. (PSIG): 1168                                     |
| Oxygen                   | N/A           |                       |                      |                      | Sample Temp. (F): 113                                        |
| CO                       | N/A           |                       |                      |                      | Fl. Gas Temp. (F): 113                                       |
|                          |               |                       |                      |                      | Amb. Temp. (F): 76                                           |
| Totals                   | 100.0000      | 1171.630              | 0.752                | 4.551                | Del. To:                                                     |
|                          |               |                       |                      |                      | Sampled By: DB                                               |
|                          |               |                       |                      |                      | Cylinder No.: AGL-67                                         |

**Field H<sub>2</sub>O (#/mm):**Field H<sub>2</sub>S (PPM): 6.0Field H<sub>2</sub>S (Grains): 0.38**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9964896

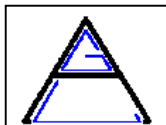
Z Factor (Act.): 0.9964896

Dry BTU w/ H<sub>2</sub>S: 1175.76Sat BTU w/ H<sub>2</sub>S: 1155.63As Del. BTU w/ H<sub>2</sub>S: 1175.76**Dry BTU W/O H<sub>2</sub>S (Real): 1175.76****Sat. BTU W/O H<sub>2</sub>S (Real): 1155.62****H<sub>2</sub>O (# / mmcf): 0.0****AS DEL. BTU W/O H<sub>2</sub>S (Real): 1175.76***BTU Calc: Dry***Sp. Gravity (Real): 0.7547**

Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 4.551****GPM Propane+ (Real): 2.498****GPM IC<sub>5</sub>+ (Real): 0.646****Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 352996  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |
|------------------|---------------|-----------------------|----------------------|----------------------|
| Nitrogen         | 2.9406        | 0.000                 | 0.028                |                      |
| Methane          | 74.8015       | 753.130               | 0.414                |                      |
| CO2              | 5.9983        | 0.000                 | 0.091                |                      |
| Ethane           | 8.6758        | 153.055               | 0.090                | 2.315                |
| H2S              | 0.0000        | 0.000                 | 0.000                |                      |
| Propane          | 4.3930        | 110.186               | 0.067                | 1.208                |
| Iso-Butane       | 0.5857        | 18.987                | 0.012                | 0.191                |
| Butane           | 1.3740        | 44.684                | 0.028                | 0.432                |
| Iso-Pentane      | 0.3713        | 14.809                | 0.009                | 0.135                |
| Pentane          | 0.3475        | 13.887                | 0.009                | 0.126                |
| Hexanes C6+      | 0.5123        | 26.195                | 0.016                | 0.223                |
| Hydrogen         | N/A           |                       |                      |                      |
| Helium           | N/A           |                       |                      |                      |
| Oxygen           | N/A           |                       |                      |                      |
| CO               | N/A           |                       |                      |                      |
| Totals           | 100.0000      | 1134.932              | 0.765                | 4.630                |

**Producer:** Permian Resources  
**Well / Sta. Name:** JULIET FEDERAL COM 513H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002549015

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/26/25  
 Date to Lab: 08/28/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 132  
 Line Press. (PSIG): 132  
 Sample Temp. (F): 80  
 Fl. Gas Temp. (F): 80  
 Amb. Temp. (F): 73

Del. To:  
 Sampled By: DB  
 Cylinder No.: AGL-452

**Field H2O (#/mm):****Field H2S (PPM):** 0.0

Field H2S (Grains): 0.0

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9965540

Z Factor (Act.): 0.9965540

Dry BTU w/ H2S: 1138.86

Sat BTU w/ H2S: 1119.35

As Del. BTU w/ H2S: 1138.86

**Dry BTU W/O H2S (Real): 1138.86****Sat. BTU W/O H2S (Real): 1119.35****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1138.86***BTU Calc: Dry***Sp. Gravity (Real): 0.7669**

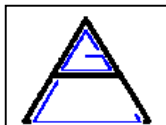
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 4.630****GPM Propane+ (Real): 2.315****GPM IC5+ (Real): 0.484**

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**Fld. Remarks:****Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 352997  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 2.3914        | 0.000                 | 0.023                |                      |  |
| Methane          | 65.9045       | 663.552               | 0.365                |                      |  |
| CO2              | 6.5188        | 0.000                 | 0.099                |                      |  |
| Ethane           | 11.1800       | 197.233               | 0.116                | 2.987                |  |
| H2S              | 0.3000        | 0.000                 | 0.004                |                      |  |
| Propane          | 7.1091        | 178.312               | 0.108                | 1.957                |  |
| Iso-Butane       | 0.9972        | 32.326                | 0.020                | 0.326                |  |
| Butane           | 2.7331        | 88.883                | 0.055                | 0.861                |  |
| Iso-Pentane      | 0.8081        | 32.230                | 0.020                | 0.295                |  |
| Pentane          | 0.8190        | 32.728                | 0.020                | 0.297                |  |
| Hexanes C6+      | 1.2388        | 63.342                | 0.040                | 0.540                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1288.607              | 0.870                | 7.263                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** WINNEBAGO NORTH WINDS SC  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** N/L

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/25/25  
 Date to Lab: 08/26/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 134  
 Line Press. (PSIG): 134  
 Sample Temp. (F): 102  
 Fl. Gas Temp. (F): 102  
 Amb. Temp. (F): 79

Del. To:  
 Sampled By: QG  
 Cylinder No.: 782

**Field H2O (#/mm):**

Field H2S (PPM): 3,000.0  
 Field H2S (Grains): 188.80

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9952652

Z Factor (Act.): 0.9952652

Dry BTU w/ H2S: 1296.65

Sat BTU w/ H2S: 1274.49

As Del. BTU w/ H2S: 1296.65

**Dry BTU W/O H2S (Real): 1294.73****Sat. BTU W/O H2S (Real): 1272.61****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1294.74***BTU Calc: Dry***Sp. Gravity (Real): 0.8741**

Field Gravity:

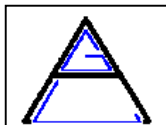
Lab Gravitometer:

**GPM Ethane+ (Real): 7.263****GPM Propane+ (Real): 4.276****GPM IC5+ (Real): 1.132**

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**Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks:**



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**GAS ANALYSIS REPORT**

Analysis No.: 352998  
 Customer: Permian Resources

| <u>Component</u>         | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |
|--------------------------|---------------|-----------------------|----------------------|----------------------|
| Nitrogen                 | 3.6733        | 0.000                 | 0.036                |                      |
| Methane                  | 68.8073       | 692.778               | 0.381                |                      |
| CO <sub>2</sub>          | 0.1095        | 0.000                 | 0.002                |                      |
| Ethane                   | 13.8011       | 243.474               | 0.143                | 3.686                |
| H <sub>2</sub> S         | 0.0000        | 0.000                 | 0.000                |                      |
| Propane                  | 7.9321        | 198.955               | 0.121                | 2.183                |
| Iso-Butane               | 0.8504        | 27.568                | 0.017                | 0.278                |
| Butane                   | 2.5461        | 82.801                | 0.051                | 0.802                |
| Iso-Pentane              | 0.5666        | 22.598                | 0.014                | 0.207                |
| Pentane                  | 0.6462        | 25.823                | 0.016                | 0.234                |
| Hexanes C <sub>6</sub> + | 1.0674        | 54.578                | 0.034                | 0.465                |
| Hydrogen                 | N/A           |                       |                      |                      |
| Helium                   | N/A           |                       |                      |                      |
| Oxygen                   | N/A           |                       |                      |                      |
| CO                       | N/A           |                       |                      |                      |
| Totals                   | 100.0000      | 1348.575              | 0.815                | 7.855                |

**Producer:** Permian Resources  
**Well / Sta. Name:** ROBIN FED COM 131H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002552585

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/28/25  
 Date to Lab: 08/28/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 136  
 Line Press. (PSIG): 136  
 Sample Temp. (F): 117  
 Fl. Gas Temp. (F): 117  
 Amb. Temp. (F): 87

Del. To:  
 Sampled By: RO  
 Cylinder No.: AGL-847

**Field H<sub>2</sub>O (#/mm):****Field H<sub>2</sub>S (PPM):** 0.0Field H<sub>2</sub>S (Grains): 0.0**Pressure Base:** 14.65**Temp. Base:** 60

Z Factor (Dry): 0.9955572

Z Factor (Act.): 0.9955572

Dry BTU w/ H<sub>2</sub>S: 1354.59Sat BTU w/ H<sub>2</sub>S: 1331.44As Del. BTU w/ H<sub>2</sub>S: 1354.59**Dry BTU W/O H<sub>2</sub>S (Real):** 1354.59**Sat. BTU W/O H<sub>2</sub>S (Real):** 1331.44**H<sub>2</sub>O (# / mmcf):** 0.0**AS DEL. BTU W/O H<sub>2</sub>S (Real):** 1354.59*BTU Calc: Dry***Sp. Gravity (Real):** 0.8184

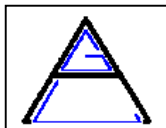
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real):** 7.855**GPM Propane+ (Real):** 4.169**GPM IC<sub>5</sub>+ (Real):** 0.906

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks:**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 352999  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 3.8599        | 0.000                 | 0.037                |                      |  |
| Methane          | 72.5333       | 730.293               | 0.402                |                      |  |
| CO2              | 8.0147        | 0.000                 | 0.122                |                      |  |
| Ethane           | 8.5827        | 151.413               | 0.089                | 2.290                |  |
| H2S              | 0.0015        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.1489        | 104.064               | 0.063                | 1.140                |  |
| Iso-Butane       | 0.4840        | 15.690                | 0.010                | 0.158                |  |
| Butane           | 1.2320        | 40.066                | 0.025                | 0.388                |  |
| Iso-Pentane      | 0.3310        | 13.202                | 0.008                | 0.121                |  |
| Pentane          | 0.3360        | 13.427                | 0.008                | 0.122                |  |
| Hexanes C6+      | 0.4760        | 24.339                | 0.015                | 0.207                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1092.493              | 0.780                | 4.426                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** RAIDER FEDERAL COM 302H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002548391

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/27/25  
 Date to Lab: 08/28/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 137  
 Line Press. (PSIG): 137  
 Sample Temp. (F): 81  
 Fl. Gas Temp. (F): 81  
 Amb. Temp. (F): 74

Del. To:  
 Sampled By: DB  
 Cylinder No.: AGL-695

**Field H2O (#/mm):**

Field H2S (PPM): 15.0  
 Field H2S (Grains): 0.94

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9966028

Z Factor (Act.): 0.9966028

Dry BTU w/ H2S: 1096.23

Sat BTU w/ H2S: 1077.45

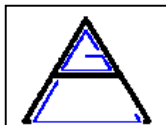
As Del. BTU w/ H2S: 1096.23

**Dry BTU W/O H2S (Real): 1096.22****Sat. BTU W/O H2S (Real): 1077.44****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1096.22***BTU Calc: Dry***Sp. Gravity (Real): 0.7819**

Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 4.426****GPM Propane+ (Real): 2.136****GPM IC5+ (Real): 0.450****Fld. Remarks:****Lab Remarks: CP @ LAB 74 PSIG**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 353000  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 4.6575        | 0.000                 | 0.045                |                      |  |
| Methane          | 67.6370       | 680.995               | 0.375                |                      |  |
| CO2              | 7.4800        | 0.000                 | 0.114                |                      |  |
| Ethane           | 10.1111       | 178.376               | 0.105                | 2.699                |  |
| H2S              | 0.0600        | 0.000                 | 0.001                |                      |  |
| Propane          | 5.6877        | 142.660               | 0.087                | 1.564                |  |
| Iso-Butane       | 0.6715        | 21.768                | 0.013                | 0.219                |  |
| Butane           | 1.8262        | 59.390                | 0.037                | 0.575                |  |
| Iso-Pentane      | 0.4682        | 18.674                | 0.012                | 0.171                |  |
| Pentane          | 0.5081        | 20.304                | 0.013                | 0.184                |  |
| Hexanes C6+      | 0.8927        | 45.645                | 0.029                | 0.389                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1167.813              | 0.829                | 5.801                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** ROBIN FED COM 402H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002552633

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/28/25  
 Date to Lab: 08/28/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 139  
 Line Press. (PSIG): 139  
 Sample Temp. (F): 113  
 Fl. Gas Temp. (F): 113  
 Amb. Temp. (F): 95

Del. To:  
 Sampled By: RO  
 Cylinder No.: AGL-214

**Field H2O (#/mm):**

Field H2S (PPM): 600.0  
 Field H2S (Grains): 37.76

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9960558

Z Factor (Act.): 0.9960558

Dry BTU w/ H2S: 1172.82

Sat BTU w/ H2S: 1152.75

As Del. BTU w/ H2S: 1172.82

**Dry BTU W/O H2S (Real): 1172.44****Sat. BTU W/O H2S (Real): 1152.38****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1172.44***BTU Calc: Dry***Sp. Gravity (Real): 0.8317**

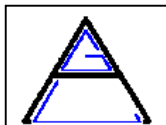
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.801****GPM Propane+ (Real): 3.102****GPM IC5+ (Real): 0.744**

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks: CP @ LAB 112 PSIG**

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**GAS ANALYSIS REPORT**

Analysis No.: 353001  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 4.2601        | 0.000                 | 0.041                |                      |  |
| Methane          | 64.5578       | 649.993               | 0.358                |                      |  |
| CO2              | 9.7336        | 0.000                 | 0.148                |                      |  |
| Ethane           | 10.2950       | 181.620               | 0.107                | 2.749                |  |
| H2S              | 0.3000        | 0.000                 | 0.004                |                      |  |
| Propane          | 5.8616        | 147.022               | 0.089                | 1.613                |  |
| Iso-Butane       | 0.7037        | 22.812                | 0.014                | 0.230                |  |
| Butane           | 1.9241        | 62.573                | 0.039                | 0.606                |  |
| Iso-Pentane      | 0.5256        | 20.963                | 0.013                | 0.192                |  |
| Pentane          | 0.5893        | 23.549                | 0.015                | 0.213                |  |
| Hexanes C6+      | 1.2492        | 63.874                | 0.040                | 0.544                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1172.407              | 0.867                | 6.147                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** ROBIN FED COM 112H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002552629

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/26/25  
 Date to Lab: 08/26/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 140  
 Line Press. (PSIG): 140  
 Sample Temp. (F): 111  
 Fl. Gas Temp. (F): 111  
 Amb. Temp. (F): 84

Del. To:  
 Sampled By: IF  
 Cylinder No.: 462

**Field H2O (#/mm):**

Field H2S (PPM): 3,000.0  
 Field H2S (Grains): 188.80

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9957238

Z Factor (Act.): 0.9957238

Dry BTU w/ H2S: 1179.35

Sat BTU w/ H2S: 1159.19

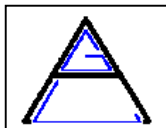
As Del. BTU w/ H2S: 1179.36

**Dry BTU W/O H2S (Real): 1177.44****Sat. BTU W/O H2S (Real): 1157.31****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1177.44***BTU Calc: Dry***Sp. Gravity (Real): 0.8704**

Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 6.147****GPM Propane+ (Real): 3.398****GPM IC5+ (Real): 0.949****Fld. Remarks:****Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 353002  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 3.1237        | 0.000                 | 0.030                |                      |  |
| Methane          | 73.3146       | 738.160               | 0.406                |                      |  |
| CO2              | 6.8819        | 0.000                 | 0.105                |                      |  |
| Ethane           | 8.7009        | 153.498               | 0.090                | 2.322                |  |
| H2S              | 0.0100        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.6622        | 116.938               | 0.071                | 1.282                |  |
| Iso-Butane       | 0.6265        | 20.309                | 0.013                | 0.205                |  |
| Butane           | 1.5027        | 48.869                | 0.030                | 0.473                |  |
| Iso-Pentane      | 0.3729        | 14.873                | 0.009                | 0.136                |  |
| Pentane          | 0.3461        | 13.831                | 0.009                | 0.125                |  |
| Hexanes C6+      | 0.4585        | 23.444                | 0.015                | 0.200                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1129.922              | 0.778                | 4.743                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** ROMEO FEDERAL COM 311H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002550263

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/26/25  
 Date to Lab: 08/28/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 146  
 Line Press. (PSIG): 146  
 Sample Temp. (F): 76  
 Fl. Gas Temp. (F): 76  
 Amb. Temp. (F): 73

Del. To:  
 Sampled By: DB  
 Cylinder No.: AGL-808

**Field H2O (#/mm):**

Field H2S (PPM): 100.0  
 Field H2S (Grains): 6.29

**Pressure Base: 14.65**  
**Temp. Base: 60**

Z Factor (Dry): 0.9964900  
 Z Factor (Act.): 0.9964900

Dry BTU w/ H2S: 1133.97

Sat BTU w/ H2S: 1114.55

As Del. BTU w/ H2S: 1133.97

**Dry BTU W/O H2S (Real): 1133.90**

**Sat. BTU W/O H2S (Real): 1114.49**

**H2O (# / mmcf): 0.0**

**AS DEL. BTU W/O H2S (Real): 1133.90**

*BTU Calc: Dry*

**Sp. Gravity (Real): 0.7801**

Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 4.743**

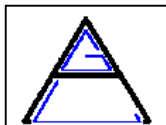
**GPM Propane+ (Real): 2.421**

**GPM IC5+ (Real): 0.461**

GPA 2145 / 2172

**Fld. Remarks:**

**Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 353003  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |                                                  |
|------------------|---------------|-----------------------|----------------------|----------------------|--------------------------------------------------|
| Nitrogen         | 1.4909        | 0.000                 | 0.014                |                      | <b>Producer:</b> Permian Resources               |
| Methane          | 77.6637       | 781.948               | 0.430                |                      | <b>Well / Sta. Name:</b> OUTLAND STATE UNIT 132H |
| CO2              | 0.7449        | 0.000                 | 0.011                |                      | <b>Sta. No.:</b>                                 |
| Ethane           | 11.3827       | 200.809               | 0.118                | 3.038                | <b>Formation:</b>                                |
| H2S              | 0.0100        | 0.000                 | 0.000                |                      | <b>Field:</b> New Mexico                         |
| Propane          | 5.3109        | 133.209               | 0.081                | 1.460                | <b>County:</b>                                   |
| Iso-Butane       | 0.6933        | 22.475                | 0.014                | 0.226                | <b>API Number:</b> 3002553012                    |
| Butane           | 1.5078        | 49.035                | 0.030                | 0.474                | <b>Spot / Composite:</b> SP                      |
| Iso-Pentane      | 0.3486        | 13.903                | 0.009                | 0.127                | Date / Time On:                                  |
| Pentane          | 0.3327        | 13.295                | 0.008                | 0.120                | Date / Time Off: 08/27/25                        |
| Hexanes C6+      | 0.5145        | 26.307                | 0.017                | 0.224                | Date to Lab: 08/27/25                            |
|                  |               |                       |                      |                      | Date Analyzed: 09/04/25                          |
|                  |               |                       |                      |                      | Effective Date:                                  |
| Hydrogen         | N/A           |                       |                      |                      | Sample Press. (PSIG): 145                        |
| Helium           | N/A           |                       |                      |                      | Line Press. (PSIG): 145                          |
| Oxygen           | N/A           |                       |                      |                      | Sample Temp. (F): 84                             |
| CO               | N/A           |                       |                      |                      | Fl. Gas Temp. (F): 84                            |
|                  |               |                       |                      |                      | Amb. Temp. (F): 88                               |
| Totals           | 100.0000      | 1240.982              | 0.733                | 5.669                | Del. To:                                         |
|                  |               |                       |                      |                      | Sampled By: JT                                   |
|                  |               |                       |                      |                      | Cylinder No.: 451                                |

**Field H2O (#/mm):**

Field H2S (PPM): 100.0

Field H2S (Grains): 6.29

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9964184

Z Factor (Act.): 0.9964184

Dry BTU w/ H2S: 1245.51

Sat BTU w/ H2S: 1224.18

As Del. BTU w/ H2S: 1245.51

**Dry BTU W/O H2S (Real): 1245.44****Sat. BTU W/O H2S (Real): 1224.12****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1245.44***BTU Calc: Dry***Sp. Gravity (Real): 0.7351**

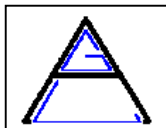
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.669****GPM Propane+ (Real): 2.631****GPM IC5+ (Real): 0.471**

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 353004  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 3.6444        | 0.000                 | 0.035                |                      |  |
| Methane          | 71.2050       | 716.919               | 0.394                |                      |  |
| CO2              | 9.7671        | 0.000                 | 0.148                |                      |  |
| Ethane           | 8.4628        | 149.297               | 0.088                | 2.258                |  |
| H2S              | 0.0100        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.1717        | 104.636               | 0.064                | 1.147                |  |
| Iso-Butane       | 0.5054        | 16.384                | 0.010                | 0.165                |  |
| Butane           | 1.2178        | 39.604                | 0.024                | 0.383                |  |
| Iso-Pentane      | 0.3303        | 13.174                | 0.008                | 0.121                |  |
| Pentane          | 0.3134        | 12.524                | 0.008                | 0.113                |  |
| Hexanes C6+      | 0.3721        | 19.026                | 0.012                | 0.162                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1071.564              | 0.792                | 4.349                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** SOLOMON FEDERAL COM 105H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002551763

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/27/25  
 Date to Lab: 08/27/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 148  
 Line Press. (PSIG): 148  
 Sample Temp. (F): 76  
 Fl. Gas Temp. (F): 76  
 Amb. Temp. (F): 70

Del. To:  
 Sampled By: BT  
 Cylinder No.: AGL-443

**Field H2O (#/mm):**

Field H2S (PPM): 100.0  
 Field H2S (Grains): 6.29

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9965766

Z Factor (Act.): 0.9965766

Dry BTU w/ H2S: 1075.31

Sat BTU w/ H2S: 1056.89

As Del. BTU w/ H2S: 1075.31

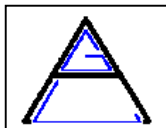
**Dry BTU W/O H2S (Real): 1075.24****Sat. BTU W/O H2S (Real): 1056.83****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1075.24***BTU Calc: Dry***Sp. Gravity (Real): 0.7945**

Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 4.349****GPM Propane+ (Real): 2.091****GPM IC5+ (Real): 0.396****Fld. Remarks:****Lab Remarks:**

GPA 2145 / 2172

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**GAS ANALYSIS REPORT**

Analysis No.: 353005  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 3.0110        | 0.000                 | 0.029                |                      |  |
| Methane          | 74.9998       | 755.127               | 0.415                |                      |  |
| CO2              | 6.6698        | 0.000                 | 0.101                |                      |  |
| Ethane           | 8.3695        | 147.651               | 0.087                | 2.233                |  |
| H2S              | 0.0100        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.0939        | 102.684               | 0.062                | 1.125                |  |
| Iso-Butane       | 0.5215        | 16.906                | 0.010                | 0.170                |  |
| Butane           | 1.2487        | 40.609                | 0.025                | 0.393                |  |
| Iso-Pentane      | 0.3407        | 13.588                | 0.008                | 0.124                |  |
| Pentane          | 0.3139        | 12.544                | 0.008                | 0.113                |  |
| Hexanes C6+      | 0.4212        | 21.537                | 0.014                | 0.183                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1110.646              | 0.761                | 4.341                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** JULIET FEDERAL COM 312H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002550410

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/26/25  
 Date to Lab: 08/28/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 149  
 Line Press. (PSIG): 149  
 Sample Temp. (F): 78  
 Fl. Gas Temp. (F): 78  
 Amb. Temp. (F): 73

Del. To:  
 Sampled By: DB  
 Cylinder No.: AGL-500

**Field H2O (#/mm):**

Field H2S (PPM): 100.0  
 Field H2S (Grains): 6.29

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9966526

Z Factor (Act.): 0.9966526

Dry BTU w/ H2S: 1114.44

Sat BTU w/ H2S: 1095.35

As Del. BTU w/ H2S: 1114.44

**Dry BTU W/O H2S (Real): 1114.38****Sat. BTU W/O H2S (Real): 1095.29****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1114.38***BTU Calc: Dry***Sp. Gravity (Real): 0.7629**

Field Gravity:

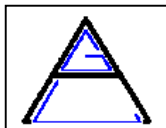
Lab Gravitometer:

**GPM Ethane+ (Real): 4.341****GPM Propane+ (Real): 2.108****GPM IC5+ (Real): 0.420**

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks:**



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**GAS ANALYSIS REPORT**

Analysis No.: 353006  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | <u>(Ideal)</u><br><u>BTU</u> | <u>(Ideal)</u><br><u>SG</u> | <u>(Real)</u><br><u>GPM</u> |  |
|------------------|---------------|------------------------------|-----------------------------|-----------------------------|--|
| Nitrogen         | 2.5795        | 0.000                        | 0.025                       |                             |  |
| Methane          | 69.8049       | 702.823                      | 0.387                       |                             |  |
| CO2              | 6.7050        | 0.000                        | 0.102                       |                             |  |
| Ethane           | 10.8077       | 190.665                      | 0.112                       | 2.885                       |  |
| H2S              | 0.3000        | 0.000                        | 0.004                       |                             |  |
| Propane          | 5.6922        | 142.773                      | 0.087                       | 1.566                       |  |
| Iso-Butane       | 0.6749        | 21.878                       | 0.014                       | 0.220                       |  |
| Butane           | 1.7481        | 56.850                       | 0.035                       | 0.550                       |  |
| Iso-Pentane      | 0.4648        | 18.538                       | 0.012                       | 0.170                       |  |
| Pentane          | 0.4658        | 18.614                       | 0.012                       | 0.169                       |  |
| Hexanes C6+      | 0.7571        | 38.712                       | 0.024                       | 0.330                       |  |
| Hydrogen         | N/A           |                              |                             |                             |  |
| Helium           | N/A           |                              |                             |                             |  |
| Oxygen           | N/A           |                              |                             |                             |  |
| CO               | N/A           |                              |                             |                             |  |
| Totals           | 100.0000      | 1190.853                     | 0.812                       | 5.890                       |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** WINNEBAGO 30 STATE COM 303H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002553701

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/25/25  
 Date to Lab: 08/26/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 208  
 Line Press. (PSIG): 208  
 Sample Temp. (F): 115  
 Fl. Gas Temp. (F): 115  
 Amb. Temp. (F): 77

Del. To:  
 Sampled By: MG  
 Cylinder No.: AGL-191

**Field H2O (#/mm):**

Field H2S (PPM): 3,000.0  
 Field H2S (Grains): 188.80

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9960302

Z Factor (Act.): 0.9960302

Dry BTU w/ H2S: 1197.51

Sat BTU w/ H2S: 1177.02

As Del. BTU w/ H2S: 1197.51

**Dry BTU W/O H2S (Real): 1195.60****Sat. BTU W/O H2S (Real): 1175.14****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1195.60***BTU Calc: Dry***Sp. Gravity (Real): 0.8150**

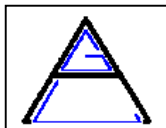
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.890****GPM Propane+ (Real): 3.005****GPM IC5+ (Real): 0.669**

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks:**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 353008  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |
|------------------|---------------|-----------------------|----------------------|----------------------|
| Nitrogen         | 3.6284        | 0.000                 | 0.035                |                      |
| Methane          | 70.6328       | 711.158               | 0.391                |                      |
| CO2              | 10.0859       | 0.000                 | 0.153                |                      |
| Ethane           | 8.4914        | 149.802               | 0.088                | 2.266                |
| H2S              | 0.0500        | 0.000                 | 0.001                |                      |
| Propane          | 4.2198        | 105.842               | 0.064                | 1.160                |
| Iso-Butane       | 0.5129        | 16.627                | 0.010                | 0.167                |
| Butane           | 1.2585        | 40.928                | 0.025                | 0.396                |
| Iso-Pentane      | 0.3469        | 13.836                | 0.009                | 0.127                |
| Pentane          | 0.3370        | 13.467                | 0.008                | 0.122                |
| Hexanes C6+      | 0.4364        | 22.314                | 0.014                | 0.190                |
| Hydrogen         | N/A           |                       |                      |                      |
| Helium           | N/A           |                       |                      |                      |
| Oxygen           | N/A           |                       |                      |                      |
| CO               | N/A           |                       |                      |                      |
| Totals           | 100.0000      | 1073.973              | 0.799                | 4.428                |

**Producer:** Permian Resources  
**Well / Sta. Name:** JULIET FEDERAL COM 114H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002550270

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/26/25  
 Date to Lab: 08/28/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 165  
 Line Press. (PSIG): 165  
 Sample Temp. (F): 73  
 Fl. Gas Temp. (F): 73  
 Amb. Temp. (F): 73

Del. To:  
 Sampled By: DB  
 Cylinder No.: AGL-96

**Field H2O (#/mm):**

Field H2S (PPM): 500.0  
 Field H2S (Grains): 31.47

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9965182

Z Factor (Act.): 0.9965182

Dry BTU w/ H2S: 1078.04

Sat BTU w/ H2S: 1059.58

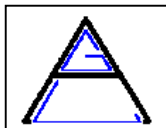
As Del. BTU w/ H2S: 1078.04

**Dry BTU W/O H2S (Real): 1077.73****Sat. BTU W/O H2S (Real): 1059.27****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1077.73***BTU Calc: Dry***Sp. Gravity (Real): 0.8017**

Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 4.428****GPM Propane+ (Real): 2.162****GPM IC5+ (Real): 0.439****Fld. Remarks:****Lab Remarks: CP @ LAB 105 PSIG**

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**GAS ANALYSIS REPORT**

Analysis No.: 353009  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 1.7691        | 0.000                 | 0.017                |                      |  |
| Methane          | 79.1157       | 796.567               | 0.438                |                      |  |
| CO2              | 4.6133        | 0.000                 | 0.070                |                      |  |
| Ethane           | 7.6009        | 134.092               | 0.079                | 2.028                |  |
| H2S              | 0.0200        | 0.000                 | 0.000                |                      |  |
| Propane          | 3.6556        | 91.691                | 0.056                | 1.005                |  |
| Iso-Butane       | 0.5714        | 18.523                | 0.011                | 0.187                |  |
| Butane           | 1.3539        | 44.030                | 0.027                | 0.426                |  |
| Iso-Pentane      | 0.4191        | 16.715                | 0.010                | 0.153                |  |
| Pentane          | 0.3504        | 14.003                | 0.009                | 0.127                |  |
| Hexanes C6+      | 0.5306        | 27.130                | 0.017                | 0.231                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1142.752              | 0.735                | 4.157                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** BRIDGE STATE UNIT 29 503H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002550156

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/22/25  
 Date to Lab: 08/26/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 172  
 Line Press. (PSIG): 172  
 Sample Temp. (F): 82  
 Fl. Gas Temp. (F): 82  
 Amb. Temp. (F): 80

Del. To:  
 Sampled By: QG  
 Cylinder No.: 788

**Field H2O (#/mm):**

Field H2S (PPM): 200.0  
 Field H2S (Grains): 12.59

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9966870

Z Factor (Act.): 0.9966870

Dry BTU w/ H2S: 1146.68

Sat BTU w/ H2S: 1127.04

As Del. BTU w/ H2S: 1146.68

**Dry BTU W/O H2S (Real): 1146.55****Sat. BTU W/O H2S (Real): 1126.91****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1146.55***BTU Calc: Dry***Sp. Gravity (Real): 0.7373**

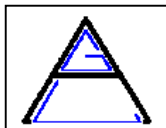
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 4.157****GPM Propane+ (Real): 2.129****GPM IC5+ (Real): 0.511**

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks: CP @ LAB 84 PSIG**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 353010  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 3.1111        | 0.000                 | 0.030                |                      |  |
| Methane          | 74.8172       | 753.288               | 0.414                |                      |  |
| CO2              | 6.7281        | 0.000                 | 0.102                |                      |  |
| Ethane           | 8.3962        | 148.122               | 0.087                | 2.240                |  |
| H2S              | 0.0100        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.1399        | 103.838               | 0.063                | 1.138                |  |
| Iso-Butane       | 0.5059        | 16.400                | 0.010                | 0.165                |  |
| Butane           | 1.2369        | 40.225                | 0.025                | 0.389                |  |
| Iso-Pentane      | 0.3386        | 13.505                | 0.008                | 0.124                |  |
| Pentane          | 0.3237        | 12.936                | 0.008                | 0.117                |  |
| Hexanes C6+      | 0.3924        | 20.064                | 0.013                | 0.171                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1108.378              | 0.761                | 4.344                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** JULIET FEDERAL COM 313H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002550264

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/26/25  
 Date to Lab: 08/28/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 175  
 Line Press. (PSIG): 175  
 Sample Temp. (F): 77  
 Fl. Gas Temp. (F): 77  
 Amb. Temp. (F): 73

Del. To:  
 Sampled By: DB  
 Cylinder No.: AGL-710

**Field H2O (#/mm):**

Field H2S (PPM): 100.0  
 Field H2S (Grains): 6.29

**Pressure Base: 14.65**  
**Temp. Base: 60**

Z Factor (Dry): 0.9966596  
 Z Factor (Act.): 0.9966596

Dry BTU w/ H2S: 1112.16

Sat BTU w/ H2S: 1093.11

As Del. BTU w/ H2S: 1112.16

**Dry BTU W/O H2S (Real): 1112.09**

**Sat. BTU W/O H2S (Real): 1093.04**

**H2O (# / mmcf): 0.0**

**AS DEL. BTU W/O H2S (Real): 1112.09**

*BTU Calc: Dry*

**Sp. Gravity (Real): 0.7634**

Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 4.344**

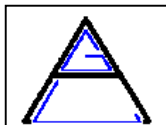
**GPM Propane+ (Real): 2.104**

**GPM IC5+ (Real): 0.412**

GPA 2145 / 2172

**Fld. Remarks:**

**Lab Remarks: CP @ LAB 103 PSIG**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 353011  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 1.7516        | 0.000                 | 0.017                |                      |  |
| Methane          | 79.6135       | 801.579               | 0.441                |                      |  |
| CO2              | 0.4500        | 0.000                 | 0.007                |                      |  |
| Ethane           | 10.8376       | 191.193               | 0.113                | 2.892                |  |
| H2S              | 0.0010        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.3378        | 108.802               | 0.066                | 1.192                |  |
| Iso-Butane       | 0.5293        | 17.158                | 0.011                | 0.173                |  |
| Butane           | 1.2163        | 39.555                | 0.024                | 0.383                |  |
| Iso-Pentane      | 0.3261        | 13.006                | 0.008                | 0.119                |  |
| Pentane          | 0.3232        | 12.916                | 0.008                | 0.117                |  |
| Hexanes C6+      | 0.6136        | 31.374                | 0.020                | 0.267                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1215.584              | 0.714                | 5.143                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** PALMILLO 10 243H INJECTION  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** N/L

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/25/25  
 Date to Lab: 08/27/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 647  
 Line Press. (PSIG): 647  
 Sample Temp. (F): 79  
 Fl. Gas Temp. (F): 79  
 Amb. Temp. (F): 82

Del. To:  
 Sampled By: JL  
 Cylinder No.: 863

**Field H2O (#/mm):**

Field H2S (PPM): 10.0  
 Field H2S (Grains): 0.63

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9966135

Z Factor (Act.): 0.9966135

Dry BTU w/ H2S: 1219.72

Sat BTU w/ H2S: 1198.83

As Del. BTU w/ H2S: 1219.72

**Dry BTU W/O H2S (Real): 1219.71****Sat. BTU W/O H2S (Real): 1198.82****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1219.71***BTU Calc: Dry***Sp. Gravity (Real): 0.7164**

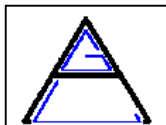
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.143****GPM Propane+ (Real): 2.251****GPM IC5+ (Real): 0.503**

GPA 2145 / 2172

**Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks: CP @ LAB 720 PSIG**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 353012  
 Customer: Permian Resources

| <u>Component</u>         | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |                                                          |
|--------------------------|---------------|-----------------------|----------------------|----------------------|----------------------------------------------------------|
| Nitrogen                 | 1.7001        | 0.000                 | 0.016                |                      | <b>Producer:</b> Permian Resources                       |
| Methane                  | 76.3892       | 769.116               | 0.423                |                      | <b>Well / Sta. Name:</b> CRUNCH BERRY 6 FED COM 601H INJ |
| CO <sub>2</sub>          | 0.1528        | 0.000                 | 0.002                |                      | <b>Sta. No.:</b>                                         |
| Ethane                   | 12.1165       | 213.755               | 0.126                | 3.234                | <b>Formation:</b>                                        |
| H <sub>2</sub> S         | 0.0000        | 0.000                 | 0.000                |                      | <b>Field:</b> New Mexico                                 |
| Propane                  | 5.7235        | 143.558               | 0.087                | 1.574                | <b>County:</b>                                           |
| Iso-Butane               | 0.7120        | 23.081                | 0.014                | 0.233                | <b>API Number:</b> N/L                                   |
| Butane                   | 1.6508        | 53.685                | 0.033                | 0.519                | <b>Spot / Composite:</b> SP                              |
| Iso-Pentane              | 0.3964        | 15.810                | 0.010                | 0.145                | Date / Time On:                                          |
| Pentane                  | 0.4014        | 16.041                | 0.010                | 0.145                | Date / Time Off: 08/25/25                                |
| Hexanes C <sub>6</sub> + | 0.7573        | 38.722                | 0.024                | 0.330                | Date to Lab: 08/26/25                                    |
|                          |               |                       |                      |                      | Date Analyzed: 09/04/25                                  |
|                          |               |                       |                      |                      | Effective Date:                                          |
| Hydrogen                 | N/A           |                       |                      |                      | Sample Press. (PSIG): 867                                |
| Helium                   | N/A           |                       |                      |                      | Line Press. (PSIG): 867                                  |
| Oxygen                   | N/A           |                       |                      |                      | Sample Temp. (F): 105                                    |
| CO                       | N/A           |                       |                      |                      | Fl. Gas Temp. (F): 105                                   |
|                          |               |                       |                      |                      | Amb. Temp. (F): 84                                       |
| Totals                   | 100.0000      | 1273.768              | 0.746                | 6.180                | Del. To:                                                 |
|                          |               |                       |                      |                      | Sampled By: IF                                           |
|                          |               |                       |                      |                      | Cylinder No.: 799                                        |

**Field H<sub>2</sub>O (#/mm):****Field H<sub>2</sub>S (PPM):** 0.0Field H<sub>2</sub>S (Grains): 0.0**Pressure Base:** 14.65**Temp. Base:** 60

Z Factor (Dry): 0.9962254

Z Factor (Act.): 0.9962254

Dry BTU w/ H<sub>2</sub>S: 1278.59Sat BTU w/ H<sub>2</sub>S: 1256.71As Del. BTU w/ H<sub>2</sub>S: 1278.59**Dry BTU W/O H<sub>2</sub>S (Real):** 1278.59**Sat. BTU W/O H<sub>2</sub>S (Real):** 1256.71**H<sub>2</sub>O (# / mmcf):** 0.0**AS DEL. BTU W/O H<sub>2</sub>S (Real):** 1278.59*BTU Calc: Dry***Sp. Gravity (Real):** 0.7490

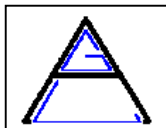
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real):** 6.180**GPM Propane+ (Real):** 2.946**GPM IC<sub>5</sub>+ (Real):** 0.620

GPA 2145 / 2172

**Fld. Remarks:** TAG: NO API PER WHITNEY**Lab Remarks:**

**ARMSTRONG GAS LABS, INC.**

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 (432) 943-8844 (FAX) 943-8855

**GAS ANALYSIS REPORT**

Analysis No.: 353013  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 1.9833        | 0.000                 | 0.019                |                      |  |
| Methane          | 74.1686       | 746.758               | 0.411                |                      |  |
| CO2              | 5.1288        | 0.000                 | 0.078                |                      |  |
| Ethane           | 10.3625       | 182.811               | 0.108                | 2.766                |  |
| H2S              | 0.0003        | 0.000                 | 0.000                |                      |  |
| Propane          | 5.0289        | 126.136               | 0.077                | 1.383                |  |
| Iso-Butane       | 0.6242        | 20.235                | 0.013                | 0.204                |  |
| Butane           | 1.4561        | 47.354                | 0.029                | 0.458                |  |
| Iso-Pentane      | 0.3442        | 13.728                | 0.009                | 0.126                |  |
| Pentane          | 0.3581        | 14.310                | 0.009                | 0.130                |  |
| Hexanes C6+      | 0.5450        | 27.867                | 0.018                | 0.237                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1179.199              | 0.769                | 5.304                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** WILD SALSA FED COM 226 INJECTION  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** N/L

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/23/25  
 Date to Lab: 08/26/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 899  
 Line Press. (PSIG): 899  
 Sample Temp. (F): 108  
 Fl. Gas Temp. (F): 108  
 Amb. Temp. (F): 102

Del. To:  
 Sampled By: JT  
 Cylinder No.: 824

**Field H2O (#/mm):**

Field H2S (PPM): 3.0  
 Field H2S (Grains): 0.19

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9963666

Z Factor (Act.): 0.9963666

Dry BTU w/ H2S: 1183.50

Sat BTU w/ H2S: 1163.24

As Del. BTU w/ H2S: 1183.50

**Dry BTU W/O H2S (Real): 1183.50****Sat. BTU W/O H2S (Real): 1163.24****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1183.50***BTU Calc: Dry***Sp. Gravity (Real): 0.7714**

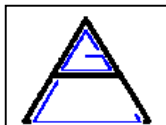
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.304****GPM Propane+ (Real): 2.538****GPM IC5+ (Real): 0.493**

GPA 2145 / 2172

**Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks:**

**ARMSTRONG GAS LABS, INC.**

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 (432) 943-8844 (FAX) 943-8855

**GAS ANALYSIS REPORT**

Analysis No.: 353014  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |                                                        |
|------------------|---------------|-----------------------|----------------------|----------------------|--------------------------------------------------------|
| Nitrogen         | 2.5119        | 0.000                 | 0.024                |                      | <b>Producer:</b> Permian Resources                     |
| Methane          | 77.2456       | 777.739               | 0.428                |                      | <b>Well / Sta. Name:</b> RAIDER FED COM 703H INJECTION |
| CO2              | 1.9390        | 0.000                 | 0.029                |                      | <b>Sta. No.:</b>                                       |
| Ethane           | 9.8688        | 174.101               | 0.102                | 2.633                | <b>Formation:</b>                                      |
| H2S              | 0.0001        | 0.000                 | 0.000                |                      | <b>Field:</b> New Mexico                               |
| Propane          | 4.9882        | 125.115               | 0.076                | 1.371                | <b>County:</b>                                         |
| Iso-Butane       | 0.6401        | 20.750                | 0.013                | 0.209                | <b>API Number:</b> N/L                                 |
| Butane           | 1.5864        | 51.591                | 0.032                | 0.499                | <b>Spot / Composite:</b> SP                            |
| Iso-Pentane      | 0.3675        | 14.657                | 0.009                | 0.134                | Date / Time On:                                        |
| Pentane          | 0.3773        | 15.077                | 0.009                | 0.136                | Date / Time Off: 08/26/25                              |
| Hexanes C6+      | 0.4751        | 24.293                | 0.015                | 0.207                | Date to Lab: 08/26/25                                  |
|                  |               |                       |                      |                      | Date Analyzed: 09/04/25                                |
|                  |               |                       |                      |                      | Effective Date:                                        |
| Hydrogen         | N/A           |                       |                      |                      | Sample Press. (PSIG): 916                              |
| Helium           | N/A           |                       |                      |                      | Line Press. (PSIG): 916                                |
| Oxygen           | N/A           |                       |                      |                      | Sample Temp. (F): 104                                  |
| CO               | N/A           |                       |                      |                      | Fl. Gas Temp. (F): 104                                 |
|                  |               |                       |                      |                      | Amb. Temp. (F): 80                                     |
| Totals           | 100.0000      | 1203.324              | 0.739                | 5.189                | Del. To:                                               |
|                  |               |                       |                      |                      | Sampled By: JT                                         |
|                  |               |                       |                      |                      | Cylinder No.: 432                                      |

**Field H2O (#/mm):**

Field H2S (PPM): 1.0  
 Field H2S (Grains): 0.06

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9965220

Z Factor (Act.): 0.9965220

Dry BTU w/ H2S: 1207.52

Sat BTU w/ H2S: 1186.85

As Del. BTU w/ H2S: 1207.52

**Dry BTU W/O H2S (Real): 1207.52****Sat. BTU W/O H2S (Real): 1186.85****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1207.52***BTU Calc: Dry***Sp. Gravity (Real): 0.7408**

Field Gravity:

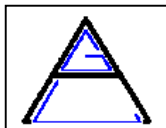
Lab Gravitometer:

**GPM Ethane+ (Real): 5.189****GPM Propane+ (Real): 2.556****GPM IC5+ (Real): 0.477**

GPA 2145 / 2172

**Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks:**



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**GAS ANALYSIS REPORT**

Analysis No.: 353015  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |                                                     |
|------------------|---------------|-----------------------|----------------------|----------------------|-----------------------------------------------------|
| Nitrogen         | 1.5867        | 0.000                 | 0.015                |                      | <b>Producer:</b> Permian Resources                  |
| Methane          | 78.4973       | 790.341               | 0.435                |                      | <b>Well / Sta. Name:</b> PALMILLO 26 COMP DISCHARGE |
| CO2              | 0.1675        | 0.000                 | 0.003                |                      | <b>Sta. No.:</b>                                    |
| Ethane           | 10.9867       | 193.823               | 0.114                | 2.932                | <b>Formation:</b>                                   |
| H2S              | 0.0000        | 0.000                 | 0.000                |                      | <b>Field:</b> New Mexico                            |
| Propane          | 4.9493        | 124.140               | 0.075                | 1.361                | <b>County:</b>                                      |
| Iso-Butane       | 0.6491        | 21.042                | 0.013                | 0.212                | <b>API Number:</b> N/L                              |
| Butane           | 1.5857        | 51.568                | 0.032                | 0.499                | <b>Spot / Composite:</b> SP                         |
| Iso-Pentane      | 0.4261        | 16.994                | 0.011                | 0.155                | Date / Time On:                                     |
| Pentane          | 0.4529        | 18.099                | 0.011                | 0.164                | Date / Time Off: 08/28/25                           |
| Hexanes C6+      | 0.6987        | 35.726                | 0.022                | 0.304                | Date to Lab: 08/29/25                               |
|                  |               |                       |                      |                      | Date Analyzed: 09/04/25                             |
|                  |               |                       |                      |                      | Effective Date:                                     |
| Hydrogen         | N/A           |                       |                      |                      | Sample Press. (PSIG): 1062                          |
| Helium           | N/A           |                       |                      |                      | Line Press. (PSIG): 1062                            |
| Oxygen           | N/A           |                       |                      |                      | Sample Temp. (F): 104                               |
| CO               | N/A           |                       |                      |                      | Fl. Gas Temp. (F): 104                              |
|                  |               |                       |                      |                      | Amb. Temp. (F): 82                                  |
| Totals           | 100.0000      | 1251.733              | 0.731                | 5.627                | Del. To:                                            |
|                  |               |                       |                      |                      | Sampled By: JL                                      |
|                  |               |                       |                      |                      | Cylinder No.: 792                                   |

**Field H2O (#/mm):****Field H2S (PPM):** 0.0

Field H2S (Grains): 0.0

**Pressure Base:** 14.65**Temp. Base:** 60

Z Factor (Dry): 0.9963908

Z Factor (Act.): 0.9963908

Dry BTU w/ H2S: 1256.27

Sat BTU w/ H2S: 1234.76

As Del. BTU w/ H2S: 1256.27

**Dry BTU W/O H2S (Real):** 1256.27**Sat. BTU W/O H2S (Real):** 1234.76**H2O (# / mmcf):** 0.0**AS DEL. BTU W/O H2S (Real):** 1256.27*BTU Calc: Dry***Sp. Gravity (Real):** 0.7337

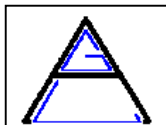
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real):** 5.627**GPM Propane+ (Real):** 2.695**GPM IC5+ (Real):** 0.623

GPA 2145 / 2172

**Fld. Remarks:** TAG: NO API PER WHITNEY**Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 353016  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 3.1320        | 0.000                 | 0.030                |                      |  |
| Methane          | 73.1448       | 736.450               | 0.405                |                      |  |
| CO2              | 8.1110        | 0.000                 | 0.123                |                      |  |
| Ethane           | 8.2601        | 145.721               | 0.086                | 2.204                |  |
| H2S              | 0.0000        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.1634        | 104.427               | 0.063                | 1.144                |  |
| Iso-Butane       | 0.5560        | 18.024                | 0.011                | 0.182                |  |
| Butane           | 1.3228        | 43.019                | 0.027                | 0.416                |  |
| Iso-Pentane      | 0.3939        | 15.710                | 0.010                | 0.144                |  |
| Pentane          | 0.3620        | 14.466                | 0.009                | 0.131                |  |
| Hexanes C6+      | 0.5540        | 28.327                | 0.018                | 0.241                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1106.145              | 0.782                | 4.462                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** SHEBA FED COM 506 INJECTION  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** N/L

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/27/25  
 Date to Lab: 08/27/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 1089  
 Line Press. (PSIG): 1089  
 Sample Temp. (F): 114  
 Fl. Gas Temp. (F): 114  
 Amb. Temp. (F): 71

Del. To:  
 Sampled By: BT  
 Cylinder No.: AGL-858

**Field H2O (#/mm):****Field H2S (PPM):** 0.0

Field H2S (Grains): 0.0

**Pressure Base:** 14.65**Temp. Base:** 60

Z Factor (Dry): 0.9965223

Z Factor (Act.): 0.9965223

Dry BTU w/ H2S: 1110.00

Sat BTU w/ H2S: 1091.00

As Del. BTU w/ H2S: 1110.00

**Dry BTU W/O H2S (Real):** 1110.00**Sat. BTU W/O H2S (Real):** 1091.00**H2O (# / mmcf):** 0.0**AS DEL. BTU W/O H2S (Real):** 1110.00*BTU Calc: Dry***Sp. Gravity (Real):** 0.7846

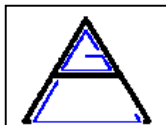
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real):** 4.462**GPM Propane+ (Real):** 2.258**GPM IC5+ (Real):** 0.516

GPA 2145 / 2172

**Fld. Remarks:** TAG: NO API PER WHITNEY**Lab Remarks:** SLT FREE LIQ: H2O / CP @ LAB 960 PSIG

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 353017  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |                                                           |
|------------------|---------------|-----------------------|----------------------|----------------------|-----------------------------------------------------------|
| Nitrogen         | 1.7126        | 0.000                 | 0.017                |                      | <b>Producer:</b> Permian Resources                        |
| Methane          | 78.3828       | 789.188               | 0.434                |                      | <b>Well / Sta. Name:</b> PALMILLO 3-10 COMPRESSOR RECYCLE |
| CO2              | 0.4478        | 0.000                 | 0.007                |                      | <b>Sta. No.:</b>                                          |
| Ethane           | 11.1204       | 196.182               | 0.115                | 2.968                | <b>Formation:</b>                                         |
| H2S              | 0.0004        | 0.000                 | 0.000                |                      | <b>Field:</b> New Mexico                                  |
| Propane          | 4.7208        | 118.408               | 0.072                | 1.298                | <b>County:</b>                                            |
| Iso-Butane       | 0.6080        | 19.710                | 0.012                | 0.199                | <b>API Number:</b> N/L                                    |
| Butane           | 1.4190        | 46.147                | 0.028                | 0.446                | <b>Spot / Composite:</b> SP                               |
| Iso-Pentane      | 0.4090        | 16.312                | 0.010                | 0.149                | Date / Time On:                                           |
| Pentane          | 0.4140        | 16.544                | 0.010                | 0.150                | Date / Time Off: 08/14/25                                 |
| Hexanes C6+      | 0.7652        | 39.126                | 0.025                | 0.333                | Date to Lab: 08/27/25                                     |
|                  |               |                       |                      |                      | Date Analyzed: 09/04/25                                   |
|                  |               |                       |                      |                      | Effective Date:                                           |
| Hydrogen         | N/A           |                       |                      |                      | Sample Press. (PSIG): 1236                                |
| Helium           | N/A           |                       |                      |                      | Line Press. (PSIG): 1236                                  |
| Oxygen           | N/A           |                       |                      |                      | Sample Temp. (F): 127                                     |
| CO               | N/A           |                       |                      |                      | Fl. Gas Temp. (F): 127                                    |
|                  |               |                       |                      |                      | Amb. Temp. (F): 93                                        |
| Totals           | 100.0000      | 1241.618              | 0.731                | 5.543                | Del. To:                                                  |
|                  |               |                       |                      |                      | Sampled By: PP                                            |
|                  |               |                       |                      |                      | Cylinder No.: 768                                         |

**Field H2O (#/mm):**

Field H2S (PPM): 4.0

Field H2S (Grains): 0.25

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9964243

Z Factor (Act.): 0.9964243

Dry BTU w/ H2S: 1246.08

Sat BTU w/ H2S: 1224.74

As Del. BTU w/ H2S: 1246.08

**Dry BTU W/O H2S (Real): 1246.07****Sat. BTU W/O H2S (Real): 1224.74****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1246.07***BTU Calc: Dry***Sp. Gravity (Real): 0.7330**

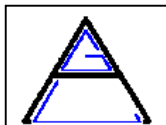
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.543****GPM Propane+ (Real): 2.575****GPM IC5+ (Real): 0.632**

GPA 2145 / 2172

**Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks: HIGH TEMP / CP @ LAB 1030 PSIG**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 551883  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 1.5988        | 0.000                 | 0.015                |                      |  |
| Methane          | 78.9566       | 794.966               | 0.437                |                      |  |
| CO2              | 0.2381        | 0.000                 | 0.004                |                      |  |
| Ethane           | 11.0414       | 194.788               | 0.115                | 2.947                |  |
| H2S              | 0.0001        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.7160        | 118.288               | 0.072                | 1.296                |  |
| Iso-Butane       | 0.5952        | 19.295                | 0.012                | 0.194                |  |
| Butane           | 1.3682        | 44.495                | 0.027                | 0.430                |  |
| Iso-Pentane      | 0.3560        | 14.199                | 0.009                | 0.130                |  |
| Pentane          | 0.3778        | 15.097                | 0.009                | 0.137                |  |
| Hexanes C6+      | 0.7518        | 38.441                | 0.024                | 0.327                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1239.568              | 0.725                | 5.461                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** PALMILLO 14-15 SALES CHECK  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** N/L

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/25/25  
 Date to Lab: 08/25/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 29  
 Line Press. (PSIG): 29  
 Sample Temp. (F): 82  
 Fl. Gas Temp. (F): 82  
 Amb. Temp. (F): 79

Del. To:  
 Sampled By: RO  
 Cylinder No.: AGL-667

**Field H2O (#/mm):****Field H2S (PPM):** 0.5

Field H2S (Grains): 0.03

**Pressure Base:** 14.65**Temp. Base:** 60

Z Factor (Dry): 0.9964669

Z Factor (Act.): 0.9964669

Dry BTU w/ H2S: 1243.96

Sat BTU w/ H2S: 1222.66

As Del. BTU w/ H2S: 1243.96

**Dry BTU W/O H2S (Real):** 1243.96**Sat. BTU W/O H2S (Real):** 1222.66**H2O (# / mmcf):** 0.0**AS DEL. BTU W/O H2S (Real):** 1243.96*BTU Calc: Dry***Sp. Gravity (Real):** 0.7270

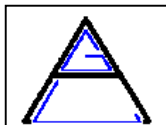
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real):** 5.461**GPM Propane+ (Real):** 2.514**GPM IC5+ (Real):** 0.594

GPA 2145 / 2172

**Fld. Remarks:** TAG: NO API PER WHITNEY**Lab Remarks:** CP @ LAB 38 PSIG

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 551884  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 1.4890        | 0.000                 | 0.014                |                      |  |
| Methane          | 78.8671       | 794.064               | 0.437                |                      |  |
| CO2              | 0.2999        | 0.000                 | 0.005                |                      |  |
| Ethane           | 11.0554       | 195.035               | 0.115                | 2.950                |  |
| H2S              | 0.0001        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.7482        | 119.096               | 0.072                | 1.305                |  |
| Iso-Butane       | 0.6081        | 19.713                | 0.012                | 0.199                |  |
| Butane           | 1.4048        | 45.685                | 0.028                | 0.442                |  |
| Iso-Pentane      | 0.3614        | 14.414                | 0.009                | 0.132                |  |
| Pentane          | 0.3831        | 15.309                | 0.010                | 0.139                |  |
| Hexanes C6+      | 0.7829        | 40.031                | 0.025                | 0.341                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1243.347              | 0.727                | 5.508                |  |

Producer: Permian Resources  
 Well / Sta. Name: PALMILLO 14-15 SALES CK #2  
 Sta. No.:  
 Formation:  
 Field: New Mexico  
 County:  
 API Number: N/L

Spot / Composite: SP  
 Date / Time On:  
 Date / Time Off: 08/25/25  
 Date to Lab: 08/25/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 31  
 Line Press. (PSIG): 31  
 Sample Temp. (F): 89  
 Fl. Gas Temp. (F): 89  
 Amb. Temp. (F): 79

Del. To:  
 Sampled By: RO  
 Cylinder No.: AGL-662

**Field H2O (#/mm):****Field H2S (PPM):** 0.5

Field H2S (Grains): 0.03

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9964362

Z Factor (Act.): 0.9964362

Dry BTU w/ H2S: 1247.80

Sat BTU w/ H2S: 1226.43

As Del. BTU w/ H2S: 1247.79

**Dry BTU W/O H2S (Real): 1247.79****Sat. BTU W/O H2S (Real): 1226.43****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1247.79***BTU Calc: Dry***Sp. Gravity (Real): 0.7293**

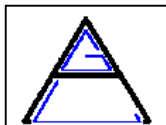
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.508****GPM Propane+ (Real): 2.558****GPM IC5+ (Real): 0.612**

GPA 2145 / 2172

**Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks: CP @ LAB 40 PSIG**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 551885  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 1.6552        | 0.000                 | 0.016                |                      |  |
| Methane          | 77.5536       | 780.840               | 0.430                |                      |  |
| CO2              | 0.6764        | 0.000                 | 0.010                |                      |  |
| Ethane           | 11.0059       | 194.162               | 0.114                | 2.938                |  |
| H2S              | 0.0020        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.7438        | 118.985               | 0.072                | 1.304                |  |
| Iso-Butane       | 0.6103        | 19.784                | 0.012                | 0.199                |  |
| Butane           | 1.4560        | 47.350                | 0.029                | 0.458                |  |
| Iso-Pentane      | 0.4460        | 17.788                | 0.011                | 0.163                |  |
| Pentane          | 0.4801        | 19.186                | 0.012                | 0.174                |  |
| Hexanes C6+      | 1.3707        | 70.086                | 0.044                | 0.597                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1268.181              | 0.751                | 5.833                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** PALMILLO 3-10 SLIM VRU  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** N/L

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/22/25  
 Date to Lab: 08/25/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 66  
 Line Press. (PSIG): 66  
 Sample Temp. (F): 113  
 Fl. Gas Temp. (F): 113  
 Amb. Temp. (F): 88

Del. To:  
 Sampled By: PP  
 Cylinder No.: 777

**Field H2O (#/mm):**

Field H2S (PPM): 20.0  
 Field H2S (Grains): 1.26

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9961776

Z Factor (Act.): 0.9961776

Dry BTU w/ H2S: 1273.06

Sat BTU w/ H2S: 1251.27

As Del. BTU w/ H2S: 1273.06

**Dry BTU W/O H2S (Real): 1273.05****Sat. BTU W/O H2S (Real): 1251.26****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1273.05***BTU Calc: Dry***Sp. Gravity (Real): 0.7536**

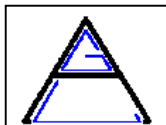
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.833****GPM Propane+ (Real): 2.895****GPM IC5+ (Real): 0.934**

GPA 2145 / 2172

**Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks: CP @ LAB 91 PSIG**

**ARMSTRONG GAS LABS, INC.**

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**GAS ANALYSIS REPORT**

Analysis No.: 551886  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |
|------------------|---------------|-----------------------|----------------------|----------------------|
| Nitrogen         | 1.7629        | 0.000                 | 0.017                |                      |
| Methane          | 79.1580       | 796.993               | 0.438                |                      |
| CO2              | 0.4470        | 0.000                 | 0.007                |                      |
| Ethane           | 10.8640       | 191.658               | 0.113                | 2.899                |
| H2S              | 0.0003        | 0.000                 | 0.000                |                      |
| Propane          | 4.4786        | 112.333               | 0.068                | 1.231                |
| Iso-Butane       | 0.5539        | 17.956                | 0.011                | 0.181                |
| Butane           | 1.2453        | 40.498                | 0.025                | 0.392                |
| Iso-Pentane      | 0.3271        | 13.046                | 0.008                | 0.119                |
| Pentane          | 0.3209        | 12.824                | 0.008                | 0.116                |
| Hexanes C6+      | 0.8420        | 43.053                | 0.027                | 0.367                |
| Hydrogen         | N/A           |                       |                      |                      |
| Helium           | N/A           |                       |                      |                      |
| Oxygen           | N/A           |                       |                      |                      |
| CO               | N/A           |                       |                      |                      |
| Totals           | 100.0000      | 1228.362              | 0.723                | 5.305                |

**Producer:** Permian Resources  
**Well / Sta. Name:** PALMILLO 10231H TESTER  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** N/L

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/21/25  
 Date to Lab: 08/25/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 67  
 Line Press. (PSIG): 67  
 Sample Temp. (F): N/L  
 Fl. Gas Temp. (F): N/L  
 Amb. Temp. (F): 91

Del. To:  
 Sampled By: PP  
 Cylinder No.: 697

**Field H2O (#/mm):**

Field H2S (PPM): 2.5  
 Field H2S (Grains): 0.16

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9965134

Z Factor (Act.): 0.9965134

Dry BTU w/ H2S: 1232.66

Sat BTU w/ H2S: 1211.55

As Del. BTU w/ H2S: 1232.66

**Dry BTU W/O H2S (Real): 1232.66****Sat. BTU W/O H2S (Real): 1211.55****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1232.66***BTU Calc: Dry***Sp. Gravity (Real): 0.7249**

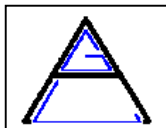
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.305****GPM Propane+ (Real): 2.406****GPM IC5+ (Real): 0.602**

GPA 2145 / 2172

**Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks: SAMPLE TEMP N/L**

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**GAS ANALYSIS REPORT**

Analysis No.: 551887  
 Customer: Permian Resources

| <u>Component</u>         | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|--------------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen                 | 1.6871        | 0.000                 | 0.016                |                      |  |
| Methane                  | 79.1097       | 796.507               | 0.438                |                      |  |
| CO <sub>2</sub>          | 0.4030        | 0.000                 | 0.006                |                      |  |
| Ethane                   | 10.8379       | 191.198               | 0.113                | 2.892                |  |
| H <sub>2</sub> S         | 0.0002        | 0.000                 | 0.000                |                      |  |
| Propane                  | 4.4872        | 112.549               | 0.068                | 1.234                |  |
| Iso-Butane               | 0.5683        | 18.423                | 0.011                | 0.186                |  |
| Butane                   | 1.3288        | 43.214                | 0.027                | 0.418                |  |
| Iso-Pentane              | 0.3976        | 15.858                | 0.010                | 0.145                |  |
| Pentane                  | 0.4380        | 17.503                | 0.011                | 0.158                |  |
| Hexanes C <sub>6</sub> + | 0.7422        | 37.950                | 0.024                | 0.323                |  |
| Hydrogen                 | N/A           |                       |                      |                      |  |
| Helium                   | N/A           |                       |                      |                      |  |
| Oxygen                   | N/A           |                       |                      |                      |  |
| CO                       | N/A           |                       |                      |                      |  |
| Totals                   | 100.0000      | 1233.201              | 0.724                | 5.356                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** PALMILLO 333H TESTER  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** N/L

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/22/25  
 Date to Lab: 08/25/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 69  
 Line Press. (PSIG): 69  
 Sample Temp. (F): 80  
 Fl. Gas Temp. (F): 80  
 Amb. Temp. (F): 76

Del. To:  
 Sampled By: PP  
 Cylinder No.: 665

**Field H<sub>2</sub>O (#/mm):**

Field H<sub>2</sub>S (PPM): 1.5  
 Field H<sub>2</sub>S (Grains): 0.09

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9964907

Z Factor (Act.): 0.9964907

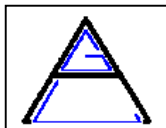
Dry BTU w/ H<sub>2</sub>S: 1237.55Sat BTU w/ H<sub>2</sub>S: 1216.36As Del. BTU w/ H<sub>2</sub>S: 1237.55**Dry BTU W/O H<sub>2</sub>S (Real): 1237.54****Sat. BTU W/O H<sub>2</sub>S (Real): 1216.35****H<sub>2</sub>O (# / mmcf): 0.0****AS DEL. BTU W/O H<sub>2</sub>S (Real): 1237.54***BTU Calc: Dry***Sp. Gravity (Real): 0.7265**

Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.356****GPM Propane+ (Real): 2.464****GPM IC<sub>5</sub>+ (Real): 0.626****Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks:**



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**GAS ANALYSIS REPORT**

Analysis No.: 551888  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |
|------------------|---------------|-----------------------|----------------------|----------------------|
| Nitrogen         | 1.6480        | 0.000                 | 0.016                |                      |
| Methane          | 72.5149       | 730.108               | 0.402                |                      |
| CO2              | 0.2217        | 0.000                 | 0.003                |                      |
| Ethane           | 12.5811       | 221.951               | 0.131                | 3.360                |
| H2S              | 0.0025        | 0.000                 | 0.000                |                      |
| Propane          | 7.1782        | 180.045               | 0.109                | 1.975                |
| Iso-Butane       | 0.9692        | 31.419                | 0.019                | 0.317                |
| Butane           | 2.5289        | 82.242                | 0.051                | 0.796                |
| Iso-Pentane      | 0.6320        | 25.207                | 0.016                | 0.231                |
| Pentane          | 0.6448        | 25.767                | 0.016                | 0.233                |
| Hexanes C6+      | 1.0787        | 55.156                | 0.035                | 0.470                |
| Hydrogen         | N/A           |                       |                      |                      |
| Helium           | N/A           |                       |                      |                      |
| Oxygen           | N/A           |                       |                      |                      |
| CO               | N/A           |                       |                      |                      |
| Totals           | 100.0000      | 1351.894              | 0.798                | 7.382                |

**Producer:** Permian Resources  
**Well / Sta. Name:** AIR STREAM SUPPLY FMP  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** N/L

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/22/25  
 Date to Lab: 08/22/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 114  
 Line Press. (PSIG): 114  
 Sample Temp. (F): 119  
 Fl. Gas Temp. (F): 119  
 Amb. Temp. (F): 76

Del. To:  
 Sampled By: MG  
 Cylinder No.: AGL-173

**Field H2O (#/mm):**

Field H2S (PPM): 25.0  
 Field H2S (Grains): 1.57

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9956071

Z Factor (Act.): 0.9956071

Dry BTU w/ H2S: 1357.87

Sat BTU w/ H2S: 1334.66

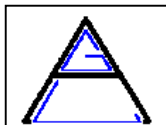
As Del. BTU w/ H2S: 1357.88

**Dry BTU W/O H2S (Real): 1357.86****Sat. BTU W/O H2S (Real): 1334.65****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1357.86***BTU Calc: Dry***Sp. Gravity (Real): 0.8008**

Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 7.382****GPM Propane+ (Real): 4.022****GPM IC5+ (Real): 0.934****Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 551889  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 1.4547        | 0.000                 | 0.014                |                      |  |
| Methane          | 78.9588       | 794.988               | 0.437                |                      |  |
| CO2              | 0.2391        | 0.000                 | 0.004                |                      |  |
| Ethane           | 11.1623       | 196.921               | 0.116                | 2.979                |  |
| H2S              | 0.0001        | 0.000                 | 0.000                |                      |  |
| Propane          | 4.8047        | 120.513               | 0.073                | 1.321                |  |
| Iso-Butane       | 0.6145        | 19.920                | 0.012                | 0.201                |  |
| Butane           | 1.4141        | 45.988                | 0.028                | 0.445                |  |
| Iso-Pentane      | 0.3603        | 14.370                | 0.009                | 0.131                |  |
| Pentane          | 0.3746        | 14.970                | 0.009                | 0.135                |  |
| Hexanes C6+      | 0.6168        | 31.538                | 0.020                | 0.269                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1239.207              | 0.723                | 5.481                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** PALMILLO 14-15 COMP FUEL  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** N/L

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/25/25  
 Date to Lab: 08/25/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 134  
 Line Press. (PSIG): 134  
 Sample Temp. (F): 74  
 Fl. Gas Temp. (F): 74  
 Amb. Temp. (F): 89

Del. To:  
 Sampled By: RO  
 Cylinder No.: AGL-61

**Field H2O (#/mm):**

Field H2S (PPM): 1.0  
 Field H2S (Grains): 0.06

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9964817

Z Factor (Act.): 0.9964817

Dry BTU w/ H2S: 1243.58

Sat BTU w/ H2S: 1222.29

As Del. BTU w/ H2S: 1243.58

**Dry BTU W/O H2S (Real): 1243.58****Sat. BTU W/O H2S (Real): 1222.29****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1243.58***BTU Calc: Dry***Sp. Gravity (Real): 0.7252**

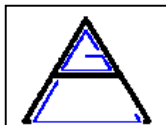
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.481****GPM Propane+ (Real): 2.502****GPM IC5+ (Real): 0.535**

GPA 2145 / 2172

**Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 551890  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |  |
|------------------|---------------|-----------------------|----------------------|----------------------|--|
| Nitrogen         | 3.6665        | 0.000                 | 0.035                |                      |  |
| Methane          | 68.7269       | 691.969               | 0.381                |                      |  |
| CO2              | 7.4280        | 0.000                 | 0.113                |                      |  |
| Ethane           | 9.9766        | 176.003               | 0.104                | 2.663                |  |
| H2S              | 0.0700        | 0.000                 | 0.001                |                      |  |
| Propane          | 5.6490        | 141.690               | 0.086                | 1.554                |  |
| Iso-Butane       | 0.7341        | 23.797                | 0.015                | 0.240                |  |
| Butane           | 1.8976        | 61.712                | 0.038                | 0.597                |  |
| Iso-Pentane      | 0.5149        | 20.536                | 0.013                | 0.188                |  |
| Pentane          | 0.5454        | 21.795                | 0.014                | 0.197                |  |
| Hexanes C6+      | 0.7910        | 40.445                | 0.025                | 0.345                |  |
| Hydrogen         | N/A           |                       |                      |                      |  |
| Helium           | N/A           |                       |                      |                      |  |
| Oxygen           | N/A           |                       |                      |                      |  |
| CO               | N/A           |                       |                      |                      |  |
| Totals           | 100.0000      | 1177.947              | 0.824                | 5.784                |  |

**Producer:** Permian Resources  
**Well / Sta. Name:** TOUR BUS 23 FED COM 303H  
**Sta. No.:**  
**Formation:**  
**Field:** New Mexico  
**County:**  
**API Number:** 3002553691

**Spot / Composite:** SP  
 Date / Time On:  
 Date / Time Off: 08/22/25  
 Date to Lab: 08/22/25  
 Date Analyzed: 09/04/25  
 Effective Date:

Sample Press. (PSIG): 142  
 Line Press. (PSIG): 142  
 Sample Temp. (F): 120  
 Fl. Gas Temp. (F): 120  
 Amb. Temp. (F): 84

Del. To:  
 Sampled By: MG  
 Cylinder No.: AGL-507

**Field H2O (#/mm):**

Field H2S (PPM): 700.0  
 Field H2S (Grains): 44.05

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9960307

Z Factor (Act.): 0.9960307

Dry BTU w/ H2S: 1183.09

Sat BTU w/ H2S: 1162.85

As Del. BTU w/ H2S: 1183.09

**Dry BTU W/O H2S (Real): 1182.64****Sat. BTU W/O H2S (Real): 1162.41****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1182.64***BTU Calc: Dry***Sp. Gravity (Real): 0.8270**

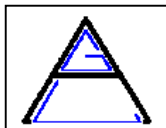
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.784****GPM Propane+ (Real): 3.121****GPM IC5+ (Real): 0.730**

GPA 2145 / 2172

**Fld. Remarks:****Lab Remarks: HIGH TEMP**

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**GAS ANALYSIS REPORT**

Analysis No.: 551891  
 Customer: Permian Resources

| <u>Component</u>         | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |                                                        |
|--------------------------|---------------|-----------------------|----------------------|----------------------|--------------------------------------------------------|
| Nitrogen                 | 1.4954        | 0.000                 | 0.014                |                      | <b>Producer:</b> Permian Resources                     |
| Methane                  | 79.8883       | 804.346               | 0.443                |                      | <b>Well / Sta. Name:</b> PALMILLO 14-15 COMP DISCHARGE |
| CO <sub>2</sub>          | 0.2614        | 0.000                 | 0.004                |                      | <b>Sta. No.:</b>                                       |
| Ethane                   | 11.0569       | 195.061               | 0.115                | 2.950                | <b>Formation:</b>                                      |
| H <sub>2</sub> S         | 0.0001        | 0.000                 | 0.000                |                      | <b>Field:</b> New Mexico                               |
| Propane                  | 4.6051        | 115.506               | 0.070                | 1.266                | <b>County:</b>                                         |
| Iso-Butane               | 0.5595        | 18.137                | 0.011                | 0.183                | <b>API Number:</b> N/L                                 |
| Butane                   | 1.2505        | 40.667                | 0.025                | 0.393                | <b>Spot / Composite:</b> SP                            |
| Iso-Pentane              | 0.2847        | 11.355                | 0.007                | 0.104                | Date / Time On:                                        |
| Pentane                  | 0.2817        | 11.257                | 0.007                | 0.102                | Date / Time Off: 08/25/25                              |
| Hexanes C <sub>6</sub> + | 0.3164        | 16.178                | 0.010                | 0.138                | Date to Lab: 08/25/25                                  |
|                          |               |                       |                      |                      | Date Analyzed: 09/04/25                                |
|                          |               |                       |                      |                      | Effective Date:                                        |
| Hydrogen                 | N/A           |                       |                      |                      | Sample Press. (PSIG): 963                              |
| Helium                   | N/A           |                       |                      |                      | Line Press. (PSIG): 963                                |
| Oxygen                   | N/A           |                       |                      |                      | Sample Temp. (F): 113                                  |
| CO                       | N/A           |                       |                      |                      | Fl. Gas Temp. (F): 113                                 |
|                          |               |                       |                      |                      | Amb. Temp. (F): 86                                     |
| Totals                   | 100.0000      | 1212.509              | 0.706                | 5.136                | Del. To:                                               |
|                          |               |                       |                      |                      | Sampled By: RO                                         |
|                          |               |                       |                      |                      | Cylinder No.: AGL-466                                  |

**Field H<sub>2</sub>O (#/mm):**

Field H<sub>2</sub>S (PPM): 1.0  
 Field H<sub>2</sub>S (Grains): 0.06

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9966790

Z Factor (Act.): 0.9966790

Dry BTU w/ H<sub>2</sub>S: 1216.55Sat BTU w/ H<sub>2</sub>S: 1195.71As Del. BTU w/ H<sub>2</sub>S: 1216.55**Dry BTU W/O H<sub>2</sub>S (Real): 1216.55****Sat. BTU W/O H<sub>2</sub>S (Real): 1195.71****H<sub>2</sub>O (# / mmcf): 0.0****AS DEL. BTU W/O H<sub>2</sub>S (Real): 1216.55***BTU Calc: Dry***Sp. Gravity (Real): 0.7085**

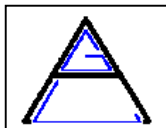
Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.136****GPM Propane+ (Real): 2.186****GPM IC<sub>5</sub>+ (Real): 0.344**

GPA 2145 / 2172

**Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks:**

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**GAS ANALYSIS REPORT**

Analysis No.: 551892  
 Customer: Permian Resources

| <u>Component</u> | <u>Mol. %</u> | (Ideal)<br><u>BTU</u> | (Ideal)<br><u>SG</u> | (Real)<br><u>GPM</u> |                                                           |
|------------------|---------------|-----------------------|----------------------|----------------------|-----------------------------------------------------------|
| Nitrogen         | 2.2988        | 0.000                 | 0.022                |                      | <b>Producer:</b> Permian Resources                        |
| Methane          | 74.9100       | 754.223               | 0.415                |                      | <b>Well / Sta. Name:</b> BRIDGE STATE UNIT 301H INJECTION |
| CO2              | 2.3359        | 0.000                 | 0.035                |                      | <b>Sta. No.:</b>                                          |
| Ethane           | 11.3737       | 200.650               | 0.118                | 3.035                | <b>Formation:</b>                                         |
| H2S              | 0.0015        | 0.000                 | 0.000                |                      | <b>Field:</b> New Mexico                                  |
| Propane          | 5.9609        | 149.513               | 0.091                | 1.639                | <b>County:</b>                                            |
| Iso-Butane       | 0.6967        | 22.585                | 0.014                | 0.228                | <b>API Number:</b> N/L                                    |
| Butane           | 1.5938        | 51.832                | 0.032                | 0.501                | <b>Spot / Composite:</b> SP                               |
| Iso-Pentane      | 0.2825        | 11.267                | 0.007                | 0.103                | Date / Time On:                                           |
| Pentane          | 0.2492        | 9.958                 | 0.006                | 0.090                | Date / Time Off: 08/22/25                                 |
| Hexanes C6+      | 0.2970        | 15.186                | 0.010                | 0.129                | Date to Lab: 08/25/25                                     |
|                  |               |                       |                      |                      | Date Analyzed: 09/04/25                                   |
|                  |               |                       |                      |                      | Effective Date:                                           |
| Hydrogen         | N/A           |                       |                      |                      | Sample Press. (PSIG): 1112                                |
| Helium           | N/A           |                       |                      |                      | Line Press. (PSIG): 1112                                  |
| Oxygen           | N/A           |                       |                      |                      | Sample Temp. (F): 117                                     |
| CO               | N/A           |                       |                      |                      | Fl. Gas Temp. (F): 117                                    |
|                  |               |                       |                      |                      | Amb. Temp. (F): 90                                        |
| Totals           | 100.0000      | 1215.214              | 0.750                | 5.725                | Del. To:                                                  |
|                  |               |                       |                      |                      | Sampled By: DB                                            |
|                  |               |                       |                      |                      | Cylinder No.: AGL-809                                     |

**Field H2O (#/mm):**

Field H2S (PPM): 15.0

Field H2S (Grains): 0.94

**Pressure Base: 14.65****Temp. Base: 60**

Z Factor (Dry): 0.9964123

Z Factor (Act.): 0.9964123

Dry BTU w/ H2S: 1219.60

Sat BTU w/ H2S: 1198.72

As Del. BTU w/ H2S: 1219.60

**Dry BTU W/O H2S (Real): 1219.59****Sat. BTU W/O H2S (Real): 1198.71****H2O (# / mmcf): 0.0****AS DEL. BTU W/O H2S (Real): 1219.59***BTU Calc: Dry***Sp. Gravity (Real): 0.7527**

Field Gravity:

Lab Gravitometer:

**GPM Ethane+ (Real): 5.725****GPM Propane+ (Real): 2.690****GPM IC5+ (Real): 0.322**

GPA 2145 / 2172

**Fld. Remarks: TAG: NO API PER WHITNEY****Lab Remarks:**



Permian Resources meters all flared volumes, and volumes reported on C-129's in connection with flaring events are based on the available meter readings. While Permian Resources reports metered volumes on C-129 submissions, PR reviews the metered data for accuracy, reconciles any discovered discrepancies, and, where appropriate, submits amended C-129 reported volumes post-reconciliation to ensure accurate reporting.

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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 531518

DEFINITIONS

|                                                                                                         |                                                                   |
|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| Operator:<br><br>Permian Resources Operating, LLC<br>300 N. Marienfeld St Ste 1000<br>Midland, TX 79701 | OGRID:<br><br>372165                                              |
|                                                                                                         | Action Number:<br><br>531518                                      |
|                                                                                                         | Action Type:<br><br>[C-129] Amend Venting and/or Flaring (C-129A) |

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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**Santa Fe, NM 87505**

QUESTIONS

Action 531518

**QUESTIONS**

|                                                                                                     |                                                               |
|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| Operator:<br>Permian Resources Operating, LLC<br>300 N. Marienfeld St Ste 1000<br>Midland, TX 79701 | OGRID:<br>372165                                              |
|                                                                                                     | Action Number:<br>531518                                      |
|                                                                                                     | Action Type:<br>[C-129] Amend Venting and/or Flaring (C-129A) |

**QUESTIONS**

|                                                                                                                                                                                                          |                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>Prerequisites</b>                                                                                                                                                                                     |                                     |
| <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                                                                                                                                                                                        | [fAPP2234938894] Winnebago 30 CTB 2 |
| <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> |                                     |

|                                                                                                                                                                                                                                                                                            |                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <b>Determination of Reporting Requirements</b>                                                                                                                                                                                                                                             |                                                   |
| <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, 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 <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                                | Not answered. |
| Additional details for Equipment Involved. Please specify | Not answered. |

|                                                                                                                                      |               |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------|
| <b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>                                                         |               |
| <i>Please provide the mole percent for the percentage questions in this group.</i>                                                   |               |
| Methane (CH4) percentage                                                                                                             | 69            |
| Nitrogen (N2) percentage, if greater than one percent                                                                                | 3             |
| Hydrogen Sulfide (H2S) PPM, rounded up                                                                                               | 0             |
| Carbon Dioxide (CO2) percentage, if greater than one percent                                                                         | 8             |
| 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 531518

**QUESTIONS (continued)**

|                                                                                                     |                                                               |
|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| Operator:<br>Permian Resources Operating, LLC<br>300 N. Marienfeld St Ste 1000<br>Midland, TX 79701 | OGRID:<br>372165                                              |
|                                                                                                     | Action Number:<br>531518                                      |
|                                                                                                     | Action Type:<br>[C-129] Amend Venting and/or Flaring (C-129A) |

**QUESTIONS**

| Date(s) and Time(s)                            |            |
|------------------------------------------------|------------|
| Date vent or flare was discovered or commenced | 11/26/2025 |
| Time vent or flare was discovered or commenced | 06:00 AM   |
| Time vent or flare was terminated              | 07:00 AM   |
| Cumulative hours during this event             | 1          |

| 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   Pipeline (Any)   Natural Gas Flared   Released: 691 Mcf   Recovered: 0 Mcf   Lost: 691 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 |               |
| 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                                                     | Targa down due to power outage causing HLP                                               |
| Steps taken to limit the duration and magnitude of vent or flare                                                                | Open valves to divert gas to a second midstream company to relieve pressure off the line |
| Corrective actions taken to eliminate the cause and reoccurrence of vent or flare                                               | Clear consistent communication with midstream provider                                   |



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ACKNOWLEDGMENTS

Action 531518

**ACKNOWLEDGMENTS**

|                                                                                                     |                                                               |
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|                                                                                                     | Action Type:<br>[C-129] Amend Venting and/or Flaring (C-129A) |

**ACKNOWLEDGMENTS**

|                                     |                                                                                                                                                                                                                                                                                                     |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | 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.                                                                                                                |
| <input checked="" type="checkbox"/> | 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.                                                                                 |
| <input checked="" type="checkbox"/> | 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.                                                                         |
| <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 531518

CONDITIONS

|                                                                                                     |                                                               |
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|                                                                                                     | Action Number:<br>531518                                      |
|                                                                                                     | Action Type:<br>[C-129] Amend Venting and/or Flaring (C-129A) |

CONDITIONS

| Created By | Condition                                                                                                                                                                                  | Condition Date |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| jdoolingpr | 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. | 12/3/2025      |