

SHIPPING ADDRESS:  
2800 WESTOVER STREET  
ODESSA, TEXAS 79764



BILLING ADDRESS:  
P.O. BOX 69210  
ODESSA, TEXAS 79769-0210

LABORATORIES IN ODESSA & GIDDINGS  
PHONE (432) 337-4744 | FAX (432) 337-8781

08/19/20

EXTENDED GAS ANALYSIS  
TARGA RESOURCES: BUCKEYE  
INLET: 8380007

LAB # 56701

|                        | MOL %    | GPM   |
|------------------------|----------|-------|
| HYDROGEN SULFIDE       | 0.6700   | 0.000 |
| NITROGEN               | 4.1033   | 0.000 |
| METHANE                | 60.1712  | 0.000 |
| CARBON DIOXIDE         | 2.2419   | 0.000 |
| ETHANE                 | 13.9638  | 3.736 |
| PROPANE                | 9.5118   | 2.622 |
| ISO-BUTANE             | 1.2178   | 0.399 |
| N-BUTANE               | 3.3395   | 1.053 |
| ISO-PENTANE            | 0.9794   | 0.358 |
| N-PENTANE              | 1.0301   | 0.374 |
| NEOHEXANE              | 0.0050   | 0.002 |
| CYCLOPENTANE           | 0.1116   | 0.033 |
| 2-METHYLPENTANE        | 0.1971   | 0.082 |
| 3-METHYLPENTANE        | 0.1287   | 0.053 |
| N-HEXANE               | 0.2445   | 0.101 |
| METHYLCYCLOPENTANE     | 0.1952   | 0.069 |
| BENZENE                | 0.1988   | 0.056 |
| CYCLOHEXANE            | 0.2332   | 0.079 |
| 2-METHYLHEXANE         | 0.0426   | 0.020 |
| 3-METHYLHEXANE         | 0.0761   | 0.035 |
| DIMETHYLCYCLOPENTANES  | 0.1306   | 0.054 |
| N-HEPTANE              | 0.0994   | 0.046 |
| METHYLCYCLOHEXANE      | 0.2080   | 0.084 |
| TRIMETHYLCYCLOPENTANES | 0.0189   | 0.009 |
| TOLUENE                | 0.1830   | 0.061 |
| 2-METHYLHEPTANE        | 0.0748   | 0.039 |
| 3-METHYLHEPTANE        | 0.0220   | 0.011 |
| DIMETHYLCYCLOHEXANES   | 0.0639   | 0.029 |
| N-OCTANE               | 0.0622   | 0.032 |
| ETHYL BENZENE          | 0.0516   | 0.020 |
| M&P-XYLENES            | 0.0593   | 0.023 |
| O-XYLENE               | 0.0169   | 0.007 |
| C9 NAPHTHENES          | 0.0832   | 0.045 |
| C9 PARAFFINS           | 0.0765   | 0.045 |
| N-NONANE               | 0.0292   | 0.018 |
| N-DECANE               | 0.0209   | 0.013 |
| UNDECANE PLUS          | 0.1380   | 0.092 |
| TOTALS                 | 100.0000 | 9.700 |

SPECIFIC GRAVITY 0.946  
GROSS DRY BTU/CU.FT. 1475.5  
GROSS WET BTU/CU.FT. 1450.3  
TOTAL MOL. WT. 27.223  
MOL. WT. C6+ 97.939  
SP. GRAVITY C6+ 3.981  
MOL. WT. C7+ 111.468  
SP. GRAVITY C7+ 4.893  
BASIS: 14.65 PSIA @ 60 °F

NOTES:  
SAMPLED: 08/14/2020  
7 PSIA @ 95 °F  
DATE RUN 08/17/2020  
SPOT BY: SR  
CYLINDER NO. 696  
DISTRIBUTION: MR ZACH MASON  
6699.07 PPM H2S

Meter ID: 830009

6/7/21 0:00  
6/7/21 1:00  
6/7/21 2:00  
6/7/21 3:00  
6/7/21 4:00  
6/7/21 5:00  
6/7/21 6:00  
6/7/21 7:00  
6/7/21 8:00  
6/7/21 9:00  
6/7/21 10:00  
6/7/21 11:00  
6/7/21 12:00  
6/7/21 13:00  
6/7/21 14:00  
6/7/21 15:00  
6/7/21 16:00  
6/7/21 17:00  
6/7/21 18:00  
6/7/21 19:00  
6/7/21 20:00  
6/7/21 21:00  
6/7/21 22:00  
6/7/21 23:00

| Location Buckeye Flare |        |         | VRSDO.UIS |           |          |  |
|------------------------|--------|---------|-----------|-----------|----------|--|
| DP                     | SP     | Temp    | Volume    | Energy    | FlowTime |  |
| inH2O                  | psi    | F       | MCF       | MBTU      | sec      |  |
| 12.146                 | 40.281 | 75.522  | 7.785     | 9302.682  | 363.000  |  |
| 0.000                  | 22.844 | 74.212  | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 22.019 | 71.330  | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 21.949 | 69.224  | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 21.885 | 67.175  | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 21.843 | 66.132  | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 21.803 | 65.415  | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 21.834 | 68.884  | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 21.839 | 75.807  | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 21.827 | 85.884  | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 21.885 | 93.089  | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 21.900 | 97.885  | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 21.949 | 101.488 | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 21.947 | 104.364 | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 21.979 | 104.746 | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 22.363 | 104.709 | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 24.203 | 103.210 | 0.000     | 0.000     | 0.000    |  |
| 17.928                 | 41.301 | 87.885  | 78.293    | 93559.720 | 2951.000 |  |
| 14.077                 | 41.622 | 85.414  | 78.875    | 94255.610 | 3280.000 |  |
| 0.000                  | 32.711 | 86.917  | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 29.212 | 82.696  | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 28.656 | 78.439  | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 30.323 | 74.850  | 0.000     | 0.000     | 0.000    |  |
| 0.000                  | 30.563 | 72.558  | 0.000     | 0.000     | 0.000    |  |

**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 33088

**QUESTIONS**

|  |  |
|--|--|
| Operator:<br>TARGA MIDSTREAM SERVICES LLC<br>1000 Louisiana<br>Houston, TX 77002 | OGRID:<br>24650<br>Action Number:<br>33088<br>Action Type:<br>[C-129] Venting and/or Flaring (C-129) |
|--|--|

**QUESTIONS****Determination of Reporting Requirements**

Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.

|  |   |
|--|---|
| Was or is this venting or flaring caused by an emergency or malfunction  | Yes   |
| Did or will this venting or flaring last eight hours or more cumulatively within any 24-hour period from a single event  | No  |
| Is this considered a submission for a notification of a major venting or flaring   | Yes, minor venting or flaring of natural gas. |
| <b>The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.13.29.7 NMAC.</b>   |   |
| Was there or will there be at least 50 MCF of natural gas vented or flared during this event   | Yes   |
| Did this venting or flaring result in the release of ANY liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water | No  |

**Unregistered Facility Site**

Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (##) yet.

|                       |               |
|-----------------------|---------------|
| Facility or Site Name | Not answered. |
| Facility Type         | Not answered. |

**Equipment Involved**

|   |               |
|---|---------------|
| Primary Equipment Involved                                | Not answered. |
| Additional details for Equipment Involved. Please specify | Not answered. |

**Representative Compositional Analysis of Vented or Flared Natural Gas**

Please provide the mole percent for the percentage questions in this group.

|  |               |
|--|---------------|
| Methane (CH4) percentage   | 60            |
| Nitrogen (N2) percentage, if greater than one percent  | 4             |
| Hydrogen Sulfide (H2S) PPM, rounded up   | 6,700         |
| Carbon Dioxide (CO2) percentage, if greater than one percent   | 2             |
| Oxygen (O2) percentage, if greater than one percent  | 0             |
| <b>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</b> |               |
| 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. |

**Date(s) and Time(s)**

|   |            |
|---|------------|
| Date venting or flaring was discovered or commenced                                 | 06/07/2021 |
| Time venting or flaring was discovered or commenced                                 | 05:11 PM   |
| Is the venting or flaring event complete  | Yes        |
| Date venting or flaring was terminated  | 06/07/2021 |
| Time venting or flaring was terminated  | 06:55 PM   |
| Total duration of venting or flaring in hours, if venting or flaring has terminated | 2          |
| Longest duration of cumulative hours within any 24-hour period during this event    | 2          |

**Measured or Estimated Volume of Vented or Flared Natural Gas**

|  |  |
|--|--|
| Natural Gas Vented (Mcf) Details                                       | Not answered.  |
| Natural Gas Flared (Mcf) Details                                       | Cause: Power Failure   Gas Compressor Station   Natural Gas Flared   Spilled: 157 Mcf   Recovered: 0 Mcf   Lost: 157 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 Mcf values reported)          | Yes, according to supplied volumes this appears to be a "gas only" report.   |

**Venting or Flaring Resulting from Downstream Activity**

|  |               |
|--|---------------|
| Was or is this venting or flaring a result of downstream activity      | Not answered. |
| Date notified of downstream activity requiring this venting or flaring | Not answered. |
| Time notified of downstream activity requiring this venting or flaring | Not answered. |

**Steps and Actions to Prevent Waste**

|  |
|--|
|  |
|--|

|  |   |
|--|---|
| For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control. | True  |
| Please explain reason for why this event was beyond your operator's control  | Inlet gas was flared when the facility lost third party purchase power. Inlet gas was flared to protect personnel and equipment. The facility was being properly operated when the facility lost third party purchase power. Inlet gas was flared until the third party purchase power could be restored. |
| Steps taken to limit the duration and magnitude of venting or flaring  | There was no corrective action required by Targa; this was a third party event outside Targa's control.   |
| Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring   | When third party purchase power was restored, normal operations resumed and flaring ceased.   |

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 33088

CONDITIONS

|  |  |
|--|--|
| Operator:<br>TARGA MIDSTREAM SERVICES LLC<br>1000 Louisiana<br>Houston, TX 77002 | OGRID:<br>24650  |
|  | Action Number:<br>33088                                |
|  | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

CONDITIONS

| Created By | Condition  | Condition Date |
|------------|--|----------------|
| system     | If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event. | 6/22/2021      |