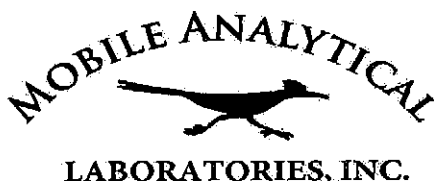


SHIPPING ADDRESS:  
2800 WESTOVER STREET  
ODESSA, TEXAS 79764



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

LABORATORY IN ODESSA  
PHONE (432) 337-4744 | FAX (432) 337-8781

08/20/21

## EXTENDED GAS ANALYSIS

LAB 60793

TARGA: VADA  
INLET: 139100009

|                        | MOL %    | GPM   |
|------------------------|----------|-------|
| HYDROGEN SULFIDE       | 0.3669   | 0.000 |
| NITROGEN               | 3.6197   | 0.000 |
| METHANE                | 75.0794  | 0.000 |
| CARBON DIOXIDE         | 2.1242   | 0.000 |
| ETHANE                 | 8.6900   | 2.320 |
| PROPANE                | 4.7834   | 1.316 |
| ISO-BUTANE             | 0.7911   | 0.258 |
| N-BUTANE               | 1.6131   | 0.508 |
| ISO-PENTANE            | 0.5141   | 0.188 |
| N-PENTANE              | 0.4882   | 0.177 |
| NEOHEXANE              | 0.0114   | 0.005 |
| CYCLOPENTANE           | 0.0559   | 0.017 |
| 2-METHYLPENTANE        | 0.1323   | 0.055 |
| 3-METHYLPENTANE        | 0.0805   | 0.033 |
| N-HEXANE               | 0.1909   | 0.078 |
| METHYLCYCLOPENTANE     | 0.1158   | 0.041 |
| BENZENE                | 0.0654   | 0.018 |
| CYCLOHEXANE            | 0.1384   | 0.047 |
| 2-METHYLHEXANE         | 0.0095   | 0.004 |
| 3-METHYLHEXANE         | 0.1193   | 0.055 |
| DIMETHYLCYCLOPENTANES  | 0.0885   | 0.036 |
| N-HEPTANE              | 0.1168   | 0.054 |
| METHYLCYCLOHEXANE      | 0.1987   | 0.080 |
| TRIMETHYLCYCLOPENTANES | 0.0144   | 0.007 |
| TOLUENE                | 0.1048   | 0.035 |
| 2-METHYLHEPTANE        | 0.0766   | 0.039 |
| 3-METHYLHEPTANE        | 0.0027   | 0.001 |
| DIMETHYLCYCLOHEXANES   | 0.0477   | 0.022 |
| N-OCTANE               | 0.0614   | 0.031 |
| ETHYL BENZENE          | 0.0175   | 0.007 |
| M&P-XYLENES            | 0.0551   | 0.021 |
| O-XYLENE               | 0.0152   | 0.006 |
| C9 NAPHTHENES          | 0.0315   | 0.017 |
| C9 PARAFFINS           | 0.0854   | 0.050 |
| N-NONANE               | 0.0176   | 0.011 |
| N-DECANE               | 0.0061   | 0.004 |
| UNDECANE PLUS          | 0.0705   | 0.047 |
| TOTALS                 | 100.0000 | 5.588 |

SPECIFIC GRAVITY 0.793  
GROSS DRY BTU/CU.FT. 1255.8  
GROSS WET BTU/CU.FT. 1234.4  
TOTAL MOL. WT. 22.867  
MOL. WT. C6+ 98.721  
SP. GRAVITY C6+ 4.020  
MOL. WT. C7+ 109.126  
SP. GRAVITY C7+ 4.721  
BASIS: 14.65 PSIA @ 60 °F

SAMPLED: 08/18/21  
30 PSI @ 84 °F  
RUN: 08/19/21

SPOT SR  
CYLINDER: 376

DISTRIBUTION: MR JOSEPH AUSTIN  
3669.4 PPM H2S

Meter ID: 139100004

Location Vada Low Pressure Flare

VRSDO.UIS

|                   | DP      | SP     | Temp    | Volume   | Energy      | FlowTime   |
|-------------------|---------|--------|---------|----------|-------------|------------|
|                   | inH2O   | psi    | F       | MCF      | MBTU        | sec        |
| 8/24/21 0:00      | 34.790  | 13.902 | 66.438  | 22.476   | 27241.130   | 3357.000   |
| 8/24/21 1:00      | 47.996  | 15.213 | 65.033  | 5.038    | 6105.731    | 576.000    |
| 8/24/21 2:00      | 0.000   | 12.629 | 70.100  | 0.000    | 0.000       | 0.000      |
| 8/24/21 3:00      | 0.000   | 12.627 | 69.449  | 0.000    | 0.000       | 0.000      |
| 8/24/21 4:00      | 0.000   | 12.627 | 67.442  | 0.000    | 0.000       | 0.000      |
| 8/24/21 5:00      | 0.000   | 12.628 | 64.661  | 0.000    | 0.000       | 0.000      |
| 8/24/21 6:00      | 0.000   | 12.633 | 63.568  | 0.000    | 0.000       | 0.000      |
| 8/24/21 7:00      | 0.000   | 12.657 | 70.765  | 0.000    | 0.000       | 0.000      |
| 8/24/21 8:00      | 0.000   | 12.642 | 80.015  | 0.000    | 0.000       | 0.000      |
| 8/24/21 9:00      | 0.000   | 12.640 | 90.340  | 0.000    | 0.000       | 0.000      |
| 8/24/21 10:00     | 22.796  | 13.311 | 95.278  | 0.542    | 656.356     | 91.000     |
| 8/24/21 11:00     | 52.335  | 14.420 | 82.042  | 6.991    | 8473.200    | 740.000    |
| 8/24/21 12:00     | 0.000   | 12.635 | 102.154 | 0.000    | 0.000       | 0.000      |
| 8/24/21 13:00     | 0.000   | 12.628 | 103.692 | 0.000    | 0.000       | 0.000      |
| 8/24/21 14:00     | 0.000   | 12.639 | 104.394 | 0.000    | 0.000       | 0.000      |
| 8/24/21 15:00     | 81.797  | 15.924 | 82.813  | 19.518   | 23655.880   | 1638.000   |
| 8/24/21 16:00     | 133.684 | 26.563 | 74.758  | 56.634   | 68640.960   | 2721.000   |
| 8/24/21 17:00     | 82.160  | 23.597 | 72.146  | 44.774   | 54265.550   | 3025.000   |
| 8/24/21 18:00     | 71.764  | 17.685 | 73.331  | 0.169    | 205.308     | 14.000     |
| 8/24/21 19:00     | 0.000   | 12.617 | 87.250  | 0.000    | 0.000       | 0.000      |
| 8/24/21 20:00     | 0.000   | 12.626 | 82.302  | 0.000    | 0.000       | 0.000      |
| 8/24/21 21:00     | 0.000   | 12.638 | 76.799  | 0.000    | 0.000       | 0.000      |
| 8/24/21 22:00     | 0.000   | 12.638 | 73.085  | 0.000    | 0.000       | 0.000      |
| 8/24/21 23:00     | 0.000   | 12.641 | 69.401  | 0.000    | 0.000       | 0.000      |
| <b>Avg/Total:</b> | 21.97   | 14.28  | 78.64   | 156.1420 | 189244.1147 | 12162.0000 |

**District I**

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**District III**

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**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 44783

**QUESTIONS**

|  |  |
|--|--|
| Operator:<br>TARGA MIDSTREAM SERVICES LLC<br>1000 Louisiana<br>Houston, TX 77002 | OGRID:<br>24650  |
|  | Action Number:<br>44783                                |
|  | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

**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 Well   | Not answered.                                  |
| Incident Facility   | [fPAC0608141749] Targa Vada Compressor Station |

|   |   |
|---|---|
| <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 or is this venting and/or flaring caused by an emergency or malfunction   | Yes   |
| Did or will this venting and/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 and/or flaring  | Yes, minor venting and/or flaring of natural gas. |
| <i>An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.</i>  |   |
| Was there or will there be at least 50 MCF of natural gas vented and/or flared during this event  | Yes   |
| Did this venting and/or flaring 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 venting and/or flaring within an incorporated municipal boundary or withing 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   | 75            |
| Nitrogen (N2) percentage, if greater than one percent  | 4             |
| Hydrogen Sulfide (H2S) PPM, rounded up   | 3,669         |
| Carbon Dioxide (CO2) percentage, if greater than one percent   | 2             |
| 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. |

|   |            |
|---|------------|
| <b>Date(s) and Time(s)</b>                              |            |
| Date venting and/or flaring was discovered or commenced | 08/24/2021 |
| Time venting and/or flaring was discovered or commenced | 12:04 AM   |
| Time venting and/or flaring was terminated              | 06:00 PM   |
| Cumulative hours during this event                      | 3          |

|   |               |
|---|---------------|
| <b>Measured or Estimated Volume of Vented or Flared Natural Gas</b> |               |
| Natural Gas Vented (Mcf) Details                                    | Not answered. |

|   |   |
|---|---|
| Natural Gas Flared (Mcf) Details  | Cause: Midstream Emergency Maintenance   Gas Compressor Station   Natural Gas Flared   Released: 156 Mcf   Recovered: 0 Mcf   Lost: 156 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 or is this venting and/or flaring a result of downstream activity      | Yes        |
| Date notified of downstream activity requiring this venting and/or flaring | 08/24/2021 |
| Time notified of downstream activity requiring this venting and/or flaring | 12:04 AM   |

**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  | Reduced gas capacity was experienced and inlet gas was flared to protect equipment and personnel when third party Durango experienced an unexpected shutdown at their downstream facility. Durango is the outlet for the Targa Vada CS. Targa was informed after the event occurred. Vada CS was being properly operated when Durango's facility shut down. |
| Steps taken to limit the duration and magnitude of venting and/or flaring  | Inlet gas volumes was flared until Duango's shutdown ended.   |
| Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring                                     | There were no corrective measures required by Targa. The Targa facility was being operated properly; Targa was informed after the shutdown began.   |

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CONDITIONS

Action 44783

**CONDITIONS**

|  |  |
|--|--|
| Operator:<br>TARGA MIDSTREAM SERVICES LLC<br>1000 Louisiana<br>Houston, TX 77002 | OGRID:<br>24650  |
|  | Action Number:<br>44783                                |
|  | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

**CONDITIONS**

| Created By | Condition  | Condition Date |
|------------|--|----------------|
| tillmana   | If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event. | 8/27/2021      |