

Gas Composition and Properties

Effective October 1, 2019 07:00 - January 18, 2038 21:14



Source #: 57197
Name: MADERA #30

| Component | Mole % | Liquid Content | Mass % | Property | Total Sample |
|------------------------|-----------------|----------------|-----------------|------------------------|--------------|
| Carbon Dioxide (CO2) | 0.4775 | | 0.9800 | Pressure Base | 14.73 |
| Nitrogen (N2) | 4.8367 | | 6.3185 | Temperature Base | 60 |
| Methane (C1) | 76.0701 | | 56.9093 | HCDP @ Sample Pressure | |
| Ethane (C2) | 9.8973 | 2.6553 | 13.8782 | Cricondentherm | |
| Propane (C3) | 5.0569 | 1.3976 | 10.3986 | HV, Dry @ Base P, T | 1215.16 |
| Isobutane (IC4) | 0.6126 | 0.2011 | 1.6604 | HV, Sat @ Base P, T | 1194.01 |
| n-Butane (NC4) | 1.5268 | 0.4829 | 4.1383 | HV, Sat @ Sample P, T | 1214.07 |
| Isopentane (IC5) | 0.4876 | 0.1789 | 1.6406 | Relative Density | 0.7426 |
| n-Pentane (NC5) | 0.4275 | 0.1555 | 1.4383 | | |
| Neopentane (neo) | 0.0000 | | 0.0000 | | |
| Hexanes Plus (C6+) | 0.6070 | 0.2657 | 2.6378 | | |
| Argon (Ar) | | | | | |
| Carbon Monoxide (CO) | | | | | |
| Hydrogen (H2) | | | | | |
| Oxygen (O2) | | | | | |
| Helium (He) | | | | | |
| Water (H2O) | | | | | |
| Hydrogen Sulfide (H2S) | 0.0000 | | 0.0000 | C6+: 60 - 30 - 10 | |
| Totals | 100.0000 | 5.3370 | 100.0000 | | |

Sample

Date: 10/25/2019 Type: Spot
Tech: MB
Pressure: 103.0 psi Temp.: 36 °F
Gauge: Gauge H2O: 0.00
Atm. Pressure: 13.2 psi H2S:

Remarks:

Analysis

Date: 10/28/2019 Instrument:
Cylinder:
Tech: JT

Remarks:

*** End of Report ***

Purge Calculation

Purge Timeline: Date (m/dd/yy) Time (hr:mm) Duration (in min):

| | | |
|------------|-------|-------|
| 11/23/2021 | 11:00 | 15.00 |
|------------|-------|-------|

Purge Location: Latitude: Longitude: Location Detail:

| | | |
|-----------|-----------|---------------------------|
| 32.065057 | -103.3783 | Outside a Fenced Facility |
|-----------|-----------|---------------------------|

Purge Location Desc:

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Pipe Diam. (in inches): 6.0 Was Gas Flared? Yes

Length (in feet): 23680.0 Was Gas Metered? No

Pipeline Press. (psig): 10.0

Blowdown Size (valve): 4.0 Purge Gas (Mcf): 78.3

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 65320

QUESTIONS

| | |
|---|--|
| Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225 | OGRID: 371183 |
| | Action Number: 65320 |
| | Action Type: [C-129] Venting and/or Flaring (C-129) |

QUESTIONS

| | |
|---|---------------------------|
| Prerequisites | |
| <i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i> | |
| Incident Well | Not answered. |
| Incident Facility | [fAPP2123149329] ETC NGGS |

| | |
|--|---|
| Determination of Reporting Requirements | |
| <i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i> | |
| Was or is this venting and/or flaring caused by an emergency or malfunction | No |
| 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 venting and/or flaring event | Yes, minor venting and/or flaring of natural gas. |
| <i>An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.</i> | |
| Was there 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 ANY liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water | No |
| Was the 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 |

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

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| Representative Compositional Analysis of Vented or Flared Natural Gas | |
| <i>Please provide the mole percent for the percentage questions in this group.</i> | |
| Methane (CH4) percentage | 76 |
| Nitrogen (N2) percentage, if greater than one percent | 5 |
| Hydrogen Sulfide (H2S) PPM, rounded up | 0 |
| Carbon Dioxide (CO2) percentage, if greater than one percent | 0 |
| 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. |

| | |
|---|------------|
| Date(s) and Time(s) | |
| Date venting and/or flaring was discovered or commenced | 11/23/2021 |
| Time venting and/or flaring was discovered or commenced | 11:00 AM |
| Time venting and/or flaring was terminated | 11:15 AM |
| Cumulative hours during this event | 0 |

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| Measured or Estimated Volume of Vented or Flared Natural Gas | |
| Natural Gas Vented (Mcf) Details | Not answered. |

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| Natural Gas Flared (Mcf) Details | Cause: Commissioning to Purge Pipeline (Any) Natural Gas Flared Released: 78 Mcf Recovered: 0 Mcf Lost: 78 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

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|--|---------------|
| Was or is this venting and/or flaring a result of downstream activity | Not answered. |
| Was notification of downstream activity received by you or your operator | Not answered. |
| Downstream OGRID that should have notified you or your operator | Not answered. |
| Date notified of downstream activity requiring this venting and/or flaring | Not answered. |
| Time notified of downstream activity requiring this venting and/or flaring | Not answered. |

Steps and Actions to Prevent Waste

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| 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 | The line was purged to put it back in service after clamping a leaking segment. |
| Steps taken to limit the duration and magnitude of venting and/or flaring | The line was purged as safely and efficiently as possible. |
| Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring | Not applicable - it was necessary to purge the line after repair in order to put it back in service. |

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CONDITIONS

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CONDITIONS

| Created By | Condition | Condition Date |
|-------------|--|----------------|
| cblackaller | 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. | 12/7/2021 |