

Gas Composition and Properties

Effective January 1, 2021 07:00 - January 18, 2038 21:14

Source #: 57216
Name: PITCHBLEND FED #1

| Component | Mole % | Liquid Content | Mass % |
|-----------------------|----------|----------------|----------|
| Carbon Dioxide, CO2 | 3.8060 | | 7.4110 |
| Nitrogen, N2 | 1.8783 | | 2.3281 |
| Methane, C1 | 72.7961 | | 51.6705 |
| Ethane, C2 | 11.5438 | 3.0983 | 15.3578 |
| Propane, C3 | 6.0057 | 1.6605 | 11.7171 |
| iso-Butane, iC4 | 0.7517 | 0.2469 | 1.9331 |
| n-Butane, nC4 | 1.8319 | 0.5796 | 4.7109 |
| iso-Pentane, iC5 | 0.4333 | 0.1590 | 1.3832 |
| n-Pentane, nC5 | 0.4746 | 0.1727 | 1.5150 |
| Neo-Pentane, NeoC5 | | | |
| Hexanes Plus, C6+ | 0.4786 | 0.2096 | 1.9733 |
| Water, H2O | | | |
| Hydrogen Sulfide, H2S | 0.0000 | | 0.0000 |
| Oxygen, O2 | | | |
| Carbon Monoxide, CO | | | |
| Hydrogen, H2 | | | |
| Helium, He | | | |
| Argon, Ar | | | |
| Totals | 100.0000 | 6.1270 | 100.0000 |

| Property | Total Sample | C6 Plus Fraction |
|------------------------|--------------|------------------|
| Pressure Base | 14.730 | |
| Temperature Base | 60.00 | |
| HCDP @ Sample Pressure | | |
| Cricondentherm | | |
| HV, Dry @ Base P, T | 1243.36 | 5129.2200 |
| HV, Sat @ Base P, T | 1221.72 | |
| HV, Sat @ Sample P, T | 1238.48 | |
| Relative Density | 0.7830 | 0.67671 |

C6+: 60 - 30 - 10

Sample

Date: 01/15/2021 Pressure: 62.0
Type: Spot Temperature: 64.0
Tech: MATT BARTA H2O: lbs/mm
H2S: 0 ppm

Remarks:

Analysis

Date: 01/27/2021 Instrument:
Cylinder:

Tech: MGN

Remarks:

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*** End of Report ***

Purge Time Calculation

| | | | |
|------------------------------|--------------|----------------------------|------------|
| Diameter (in inches)..... | 12 | RECOMMENDED PURGE TIME | 6 |
| Length (in miles)..... | 2.026 | ACTUAL PURGE TIME (in min) | 30 |
| Pipeline Pressure (psia) | 28 | VOLUME OF PURGE GAS (Mcf) | 190 |
| Blowdown Size (valve)..... | 4 | | |
| K (Blowoff Coefficient)..... | 13.50 | | |

District I1625 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 46139

QUESTIONS

| | |
|---|--|
| Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225 | OGRID: 371183 |
| | Action Number: 46139 |
| | Action Type: [C-129] Venting and/or Flaring (C-129) |

QUESTIONS**Prerequisites**

Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.

| | |
|-------------------|---------------------------|
| Incident Well | Not answered. |
| Incident Facility | [fAPP2123149329] ETC NGGS |

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 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 notification of a major venting and/or flaring | Yes, minor venting and/or flaring of natural gas. |
| 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. | |
| 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 |

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 | 73 |
| Nitrogen (N2) percentage, if greater than one percent | 2 |
| Hydrogen Sulfide (H2S) PPM, rounded up | 0 |
| Carbon Dioxide (CO2) percentage, if greater than one percent | 4 |
| Oxygen (O2) percentage, if greater than one percent | 0 |
| If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas. | |
| 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 | 08/21/2021 |
| Time venting and/or flaring was discovered or commenced | 05:30 PM |
| Time venting and/or flaring was terminated | 06:00 PM |
| Cumulative hours during this event | 0 |

Measured or Estimated Volume of Vented or Flared Natural Gas

| | |
|----------------------------------|--|
| Natural Gas Vented (Mcf) Details | Cause: Commissioning to Purge Pipeline (Any) Natural Gas Vented Released: 190 Mcf Recovered: 0 Mcf Lost: 190 Mcf |
|----------------------------------|--|

| | |
|---|--|
| Natural Gas Flared (Mcf) Details | Not answered. |
| 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 | 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

| | |
|--|---|
| 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 | After replacing a section of the pipe, the line had to be purged in order to put it back in service. |
| Steps taken to limit the duration and magnitude of venting and/or flaring | The line was purged as efficiently and safely as possible. |
| Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring | Not applicable - the line had to be purged in order to put it back in service after a section of it was replaced. |

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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. | 9/2/2021 |