

**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).....	<b>16</b>	RECOMMENDED PURGE TIME	<b>9</b>
Length (in miles).....	<b>2.000</b>	ACTUAL PURGE TIME (in min)	<b>15</b>
Pipeline Pressure (psia)	<b>33</b>	VOLUME OF PURGE GAS (Mcf)	<b>112</b>
Blowdown Size (valve).....	<b>4</b>		
K (Blowoff Coefficient).....	<b>13.50</b>		

**District I**

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

**District II**

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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 39519

**QUESTIONS**

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 39519
	Action Type: [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	No
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 19.13.297 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	Rajin Cajin Pipeline
Facility Type	Pipeline - Gas Gathering - (PGG)

**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
<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	07/19/2021
Time venting or flaring was discovered or commenced	03:45 PM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	07/19/2021
Time venting or flaring was terminated	04:00 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	0
Longest duration of cumulative hours within any 24-hour period 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   Spilled: 112 Mcf   Recovered: 0 Mcf   Lost: 112 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 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	A release due to corrosion prompted repair of the segment of the line. Once repairs were completed, the segment had to be purged in order to put the line back into service.
Steps taken to limit the duration and magnitude of venting or flaring	The line was purged as efficiently and safely as possible.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Not applicable - the line had to be purged to put it back into service.

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CONDITIONS  
  
Action 39519

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Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 39519
	Action Type: [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.	8/3/2021