

Gas Composition and Properties

Effective August 1, 2020 07:00 - January 18, 2038 21:14



Source #: 59889

Name: SATELLITE #4 NEDU CDP

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	0.4410		0.7588
Nitrogen, N2	1.4020		1.5355
Methane, C1	67.5702		42.3808
Ethane, C2	12.9534	3.4822	15.2280
Propane, C3	8.1522	2.2576	14.0544
iso-Butane, iC4	1.1220	0.3691	2.5496
n-Butane, nC4	3.2231	1.0214	7.3242
iso-Pentane, iC5	0.8520	0.3132	2.4033
n-Pentane, nC5	1.1170	0.4070	3.1508
Neo-Pentane, NeoC5			
Hexanes Plus, C6+	2.7671	1.2138	10.0816
Water, H2O			
Hydrogen Sulfide, H2S	0.4000		0.5330
Oxygen, O2			
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He			
Argon, Ar			
Totals	100.0000	9.0640	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	1490.76	
HV, Sat @ Base P, T	1464.81	
HV, Sat @ Sample P, T	1482.39	
Relative Density	0.8876	

C6+: 60 - 30 - 10

Sample

Date: 08/12/2020 Pressure: 137.0
 Type: Spot Temperature: 96.1
 Tech: MONTY OGLESBY H2O: lbs/mm
 H2S: 4,000 ppm

Remarks:

Analysis

Date: 08/18/2020 Instrument:
 Cylinder:
 Tech: MGN

Remarks:

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*** End of Report ***

Purge Time Calculation

Diameter (in inches).....	6	RECOMMENDED PURGE TIME	4
Length (in miles).....	2.086	ACTUAL PURGE TIME (in min)	15
Pipeline Pressure (psia)	23	VOLUME OF PURGE GAS (Mcf)	78
Blowdown Size (valve).....	4		
K (Blowoff Coefficient).....	13.50		

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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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 34466

QUESTIONS

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183 Action Number: 34466 Action Type: [C-129] Venting and/or Flaring (C-129)
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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.
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	
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	Trestle Fuel Gathering 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	68
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	4,000
Carbon Dioxide (CO2) percentage, if greater than one percent	0
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 or flaring was discovered or commenced	06/18/2021
Time venting or flaring was discovered or commenced	12:00 PM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	06/18/2021
Time venting or flaring was terminated	12:15 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 Valve Natural Gas Vented Spilled: 78 Mcf Recovered: 0 Mcf Lost: 78 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

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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 segment needed to be purged in order to put the line back into service after repair.
Steps taken to limit the duration and magnitude of venting or flaring	The purge was conducted as efficiently and safely as possible to limit the duration and magnitude of the venting.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Not applicable - repairs were needed on the line due to corrosion and to prevent another release/event from occurring. The line had to be purged to be put back in service after repairs were complete.

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CONDITIONS

Action 34466

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	Action Number: 34466
	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.	6/30/2021