

Natural Gas Analysis Report

GPA 2172-09/API 14.5 Report with GPA 2145-16 Physical Properties

Sample Information

	Sample Information
Sample Name	LONGVIEW FEDERAL 12-4H (62429854) 7-6-2021 #2
Effective/Start Date	7-1-2021
WELL NAME	
Laboratory	D JURNEY
Analyzer Type	NAT. GAS ANALYZER
Analyzer Make & Model	INFICON MICRO GC
Last Calibration/Validation Date	7-6-2021
Sampling Flow Rate	182
Air Temperature	81
Heat Tracing	Heated Hose & Gasifier
Type of Sample	SPOT PORTABLE GC
Sampling Method	FILL AND EMPTY
Company Collecting Sample	AKM Measurement
Method Name	C9
Injection Date	2021-07-06 11:24:25
Report Date	2021-07-06 11:32:17
EZReporter Configuration File	BLM Onshore.Extended.GPA 2145-16.FlowCal.H2S.cfgx
Source Data File	20fed244-59d8-43e6-8cc6-6c29970e4f97
NGA Phys. Property Data Source	GPA Standard 2145-16 (FPS)
Data Source	INFICON Fusion Connector

Component Results

Component Name	Peak Area	Raw Amount	Response Factor	Norm Mole%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)	
Nitrogen	23698.9	1.6644	0.00007023	1.6753	0.0	0.01620	0.000	
Methane	862621.6	77.2609	0.00008957	77.7648	787.2	0.43074	0.000	
CO2	5102.2	0.2898	0.00005680	0.2917	0.0	0.00443	0.000	
Ethane	208769.2	11.5059	0.00005511	11.5810	205.4	0.12023	3.108	
H2S	0.0	0.0001	0.00000000	0.0001	0.0	0.00000	0.000	
Propane	129826.0	5.1313	0.00003952	5.1648	130.3	0.07863	1.428	
iso-butane	39191.7	0.6764	0.00001726	0.6808	22.2	0.01366	0.224	
n-Butane	92366.8	1.5861	0.00001717	1.5965	52.2	0.03204	0.505	
iso-pentane	23054.6	0.3472	0.00001506	0.3495	14.0	0.00871	0.128	
n-Pentane	24970.0	0.3648	0.00001461	0.3672	14.8	0.00915	0.134	
hexanes	18863.0	0.2163	0.00001146	0.2177	10.4	0.00648	0.090	
heptanes	21531.0	0.2044	0.00000949	0.2057	11.3	0.00712	0.095	
octanes	10703.0	0.0847	0.00000791	0.0852	5.3	0.00336	0.044	
nonanes+	2700.0	0.0196	0.00000725	0.0197	1.4	0.00087	0.011	
Total:		99.3519		100.0000	1254.5	0.73163	5.766	

Results Summary

Result	Dry	Sat.
Total Un-Normalized Mole%	99.3519	
Pressure Base (psia)	14.730	
Temperature Base (Deg. F)	60.00	
Flowing Temperature (Deg. F)	95.0	
Flowing Pressure (psia)	125.0	
Gross Heating Value (BTU / Ideal cu.ft.)	1254.5	1232.7
Gross Heating Value (BTU / Real cu.ft.)	1259.1	1237.7
Relative Density (G), Real	0.7340	0.7324

Monitored Parameter Report

Parameter	Value	Lower Limit	Upper Limit	Status	
Total un-normalized amount	99.3519	97.0000	103.0000	Pass	

District I

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

District II

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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 43490

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 43490
	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	[30-015-42238] LONGVIEW FEDERAL 12 #004H
Incident Facility	Not answered.

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	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.
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	Gas Compressor Station
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	77
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	1
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 and/or flaring was discovered or commenced	08/17/2021
Time venting and/or flaring was discovered or commenced	01:30 PM
Time venting and/or flaring was terminated	06:15 PM
Cumulative hours during this event	5

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: High Line Pressure Gas Compressor Station Natural Gas Flared Released: 197 Mcf Recovered: 0 Mcf Lost: 197 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	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	Compressor station was down.
Steps taken to limit the duration and magnitude of venting and/or flaring	Compressor station was down.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	Compressor station was down.

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CONDITIONS

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	Action Number: 43490
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
ohair	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.	8/20/2021