

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 12-2H (62429827) 1-6-2021 #1
Effective/Start Date	01-1-2021
WELL NAME	
Laboratory	D JURNEY
Analyzer Type	NAT. GAS ANALYZER
Analyzer Make & Model	AGILENT , 490
Last Calibration/Validation Date	12-29-2020
Air Temperature	54
Heat Tracing	Heated Hose & Gasifier
Type of Sample	spot-portable GC
Sampling Method	fill and empty
Company Collecting Sample	AKM Measurement
Method Name	AKM C9.met
Injection Date	2021-01-06 14:24:00
Report Date	2021-01-06 14:26:31
EZReporter Configuration File	BLM Onshore.Extended.GPA 2145-16.FlowCal.cfgx
Source Data File	LONGVIEW FEDERAL 12-2H (62429827) 1-6-2021 #15800.dat
NGA Phys. Property Data Source	GPA Standard 2145-16 (FPS)
Data Source	Agilent OpenLab/EZChrom 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	2137717.0	1.6685	0.00000078	1.6859	0.0	0.01631	0.000	
Methane	81551426.0	76.9798	0.00000094	77.7841	787.4	0.43085	0.000	
CO2	270892.0	0.1814	0.00000067	0.1833	0.0	0.00279	0.031	
Ethane	18679187.0	11.5686	0.00000062	11.6895	207.3	0.12136	3.136	
H2S	0.0	0.0000	0.00000000	0.0000	0.0	0.00000	0.000	
Propane	10663868.0	5.4010	0.00000051	5.4574	137.6	0.08309	1.508	
iso-butane	1155357.0	0.6712	0.00000058	0.6782	22.1	0.01361	0.223	
n-Butane	2868007.0	1.6123	0.00000056	1.6291	53.3	0.03269	0.515	
iso-pentane	704203.0	0.3641	0.00000052	0.3679	14.8	0.00916	0.135	
n-Pentane	768227.0	0.3783	0.00000049	0.3823	15.4	0.00952	0.139	
hexanes	198202.0	0.0876	0.00000044	0.0885	4.2	0.00263	0.037	
heptanes	104855.0	0.0390	0.00000037	0.0394	2.2	0.00136	0.018	
octanes	32741.0	0.0117	0.00000036	0.0118	0.7	0.00047	0.006	
nonanes+	6993.0	0.0026	0.00000037	0.0026	0.2	0.00012	0.001	
Total:		98.9661		100.0000	1245.2	0.72395	5.750	

Results Summary

Result	Dry	Sat.	
Total Un-Normalized Mole%	98.9661		
Pressure Base (psia)	14.730		
Temperature Base (Deg. F)	60.00		
Flowing Temperature (Deg. F)	67.0		
Flowing Pressure (psia)	92.0		
Gross Heating Value (BTU / Ideal cu.ft.)	1245.2	1223.5	
Gross Heating Value (BTU / Real cu.ft.)	1249.6	1228.4	
Relative Density (G), Real	0.7262	0.7247	

Monitored Parameter Report

Parameter	Value	Lower Limit	Upper Limit	Status	
Total un-normalized amount	98.9661	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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District III

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Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

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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 36656

QUESTIONS

Operator:	WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID:	246289
		Action Number:	36656
		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.
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 19.13.29.7 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	Longview Federal 12 #2H
Facility Type	Flare Stack - (FS)

Equipment Involved

Primary Equipment Involved	Well
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	0
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	07/04/2021
Time venting or flaring was discovered or commenced	08:45 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	07/04/2021
Time venting or flaring was terminated	03:30 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	7
Longest duration of cumulative hours within any 24-hour period during this event	7

Measured or Estimated Volume of Vented or Flared Natural Gas

Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Other Well Natural Gas Flared Spilled: 130 Mcf Recovered: 0 Mcf Lost: 130 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 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	False
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the operator's control.	
Please explain reason for why this event was beyond your operator's control	Well ESD'd and flared when bringing it back online.
Steps taken to limit the duration and magnitude of venting or flaring	Will do a better job choking the wells back and gradually opening them up so we do not over pressurize the vessels and go to flare.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Will do a better job choking the wells back and gradually opening them up so we do not over pressurize the vessels and go to flare.

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CONDITIONS

Action 36656

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	Action Number: 36656
	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.	7/16/2021