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Gas Reporting - RDX FEDERAL 17 035H Flare Meter 1

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Description	Value	Units
Flowcal Specific Gravity	No Data	
Flowcal CO2 %	No Data	%
Flowcal H2S %	No Data	%
Flowcal N2 %	No Data	%
Flowcal O2 %	No Data	%
Flowcal H2 %	No Data	%
Flowcal Methane %	No Data	%
Flowcal Ethane %	No Data	%
Flowcal Propane %	No Data	%
Flowcal Heptane %	No Data	%
Flowcal Hexane %	No Data	%
Flowcal Isobutane %	No Data	%
Flowcal Isopentane %	No Data	%
Flowcal N-Butane %	No Data	%

surface_lat...	surface_long...	section_number	township_name	range_number	county_name	FMS Meter ID
32.04915	-103.90925	17.0	26S	30E	EDDY	

Description	Value
Flow Rate	
Volume Today	
Volume Yesterday	
	N

Flaring Rate

6/6/2022 10:20:43 AM 2d 6/8/2022 10:20:43 AM

Natural Gas Analysis Report

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

Sample Information

	Sample Information
Sample Name	RDX FED COM 17-35H (62428445) 5-27-2021 #2
Effective/Start Date	5-1-2021
WELL NAME	
Laboratory	D JURNEY
Analyzer Type	NAT. GAS ANALYZER
Analyzer Make & Model	INFICON MICRO GC
Last Calibration/Validation Date	5-24-2021
Air Temperature	96
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	2021-05-27 13:01:07
Report Date	2021-05-27 13:08:24
EZReporter Configuration File	BLM Onshore.Extended.GPA 2145-16.FlowCal.H2S.cfgx
Source Data File	48c7428c-778e-4baa-9d3e-8944ef942a7b
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	8952.6	0.6342	0.00007083	0.6366	0.0	0.00616	0.000	
Methane	882953.6	79.2055	0.00008971	79.5063	804.9	0.44039	0.000	
CO2	2714.1	0.1564	0.00005764	0.1570	0.0	0.00239	0.000	
Ethane	193552.0	10.6765	0.00005516	10.7171	190.1	0.11126	2.876	
H2S	0.0	0.0000	0.00000000	0.0000	0.0	0.00000	0.000	
Propane	109338.4	4.3089	0.00003941	4.3253	109.1	0.06585	1.196	
iso-butane	47405.3	0.8145	0.00001718	0.8176	26.6	0.01641	0.269	
n-Butane	95754.9	1.6371	0.00001710	1.6433	53.7	0.03298	0.520	
iso-pentane	33657.1	0.5058	0.00001503	0.5078	20.4	0.01265	0.186	
n-Pentane	38609.6	0.5627	0.00001457	0.5649	22.7	0.01407	0.206	
hexanes	43456.0	0.5092	0.00001172	0.5111	24.4	0.01521	0.211	
heptanes	37384.0	0.3578	0.00000957	0.3592	19.8	0.01243	0.166	
octanes	25890.0	0.2066	0.00000798	0.2074	13.0	0.00818	0.107	
nonanes+	6082.0	0.0462	0.00000759	0.0464	3.3	0.00205	0.026	
Total:		99.6214		100.0000	1287.9	0.74002	5.763	

Results Summary

Result	Dry	Sat.	
Total Un-Normalized Mole%	99.6214		
Pressure Base (psia)	14.730		
Temperature Base (Deg. F)	60.00		
Flowing Temperature (Deg. F)	111.0		
Flowing Pressure (psia)	91.0		
Gross Heating Value (BTU / Ideal cu.ft.)	1287.9	1265.5	
Gross Heating Value (BTU / Real cu.ft.)	1292.9	1270.9	
Relative Density (G), Real	0.7426	0.7408	

Monitored Parameter Report

Parameter	Value	Lower Limit	Upper Limit	Status	
Total un-normalized amount	99.6214	97.0000	103.0000	Pass	

Natural Gas Analysis Report

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

Sample Information

Sample Information	
Sample Name	RDX FED COM 17-35H (62428445) 5-27-2021 #1
Effective/Start Date	5-1-2021
WELL NAME	
Laboratory	D JUNEY
Analyzer Type	NAT. GAS ANALYZER
Analyzer Make & Model	INFICON MICRO GC
Last Calibration/Validation Date	5-24-2021
Air Temperature	96
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	2021-05-27 12:55:40
Report Date	2021-05-27 13:02:53
EZReporter Configuration File	BLM Onshore.Extended.GPA 2145-16.FlowCal.H2S.cfgx
Source Data File	219676cd-826b-4b16-8448-58b623f9ee8f
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	9098.9	0.6445	0.00007083	0.6455	0.0	0.00624	0.000
Methane	885433.1	79.4279	0.00008971	79.5476	805.3	0.44061	0.000
CO2	2734.6	0.1576	0.00005764	0.1579	0.0	0.00240	0.000
Ethane	194326.1	10.7192	0.00005516	10.7353	190.4	0.11145	2.881
H2S	0.0	0.0000	0.00000000	0.0000	0.0	0.00000	0.000
Propane	109677.9	4.3223	0.00003941	4.3288	109.2	0.06591	1.197
iso-butane	47567.9	0.8173	0.00001718	0.8185	26.7	0.01643	0.269
n-Butane	96072.2	1.6426	0.00001710	1.6450	53.8	0.03301	0.520
iso-pentane	33564.6	0.5044	0.00001503	0.5052	20.3	0.01259	0.185
n-Pentane	38485.7	0.5609	0.00001457	0.5618	22.6	0.01399	0.204
hexanes	42302.0	0.4956	0.00001172	0.4964	23.7	0.01477	0.205
heptanes	35357.0	0.3384	0.00000957	0.3389	18.7	0.01172	0.157
octanes	22746.0	0.1815	0.00000798	0.1818	11.4	0.00717	0.093
nonanes+	4907.0	0.0373	0.00000759	0.0373	2.6	0.00165	0.021
Total:		99.8496		100.0000	1284.5	0.73795	5.733

Results Summary

Result	Dry	Sat.
Total Un-Normalized Mole%	99.8496	
Pressure Base (psia)	14.730	
Temperature Base (Deg. F)	60.00	
Flowing Temperature (Deg. F)	111.0	
Flowing Pressure (psia)	91.0	
Gross Heating Value (BTU / Ideal cu.ft.)	1284.5	1262.2
Gross Heating Value (BTU / Real cu.ft.)	1289.4	1267.5
Relative Density (G), Real	0.7405	0.7387

Monitored Parameter Report

Parameter	Value	Lower Limit	Upper Limit	Status
Total un-normalized amount	99.8496	97.0000	103.0000	Pass

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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

DEFINITIONS

Action 115774

DEFINITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 115774
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application: • this application's operator, hereinafter "this operator"; • venting and/or flaring, hereinafter "vent or flare"; • any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms"; • the statements in (and/or attached to) this, hereinafter "the statements in this"; • and the past tense will be used in lieu of mixed past/present tense questions and statements.
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QUESTIONS

Action 115774

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 115774
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites	
<i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	[30-015-43884] RDX FEDERAL 17 #035H
Incident Facility	Not answered.

Determination of Reporting Requirements	
<i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
Was this vent or flare caused by an emergency or malfunction	Yes
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a vent or flare event	Yes, minor venting and/or flaring of natural gas.
<i>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.</i>	
Was there at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare 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 vent or flare 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	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	80
Nitrogen (N2) percentage, if greater than one percent	1
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
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
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.

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QUESTIONS, Page 2

Action 115774

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 115774
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	06/07/2022
Time vent or flare was discovered or commenced	01:45 PM
Time vent or flare was terminated	04:16 PM
Cumulative hours during this event	3

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure Gas Compressor Station Natural Gas Flared Released: 93 Mcf Recovered: 0 Mcf Lost: 93 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 this vent or flare a result of downstream activity	No
Was notification of downstream activity received by this operator	Not answered.
Downstream OGRID that should have notified this operator	Not answered.
Date notified of downstream activity requiring this vent or flare	Not answered.
Time notified of downstream activity requiring this vent or flare	Not answered.

Steps and Actions to Prevent Waste	
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control.	True
Please explain reason for why this event was beyond this operator's control	Stateline 3 compressor station compression issues forced station to have an emergency shut down. Coupled with the 3rd party high line pressure, this caused our wells to flare.
Steps taken to limit the duration and magnitude of vent or flare	Choke back wells.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Fix compression issues.

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ACKNOWLEDGMENTS

Action 115774

ACKNOWLEDGMENTS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 115774
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
☒	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
☒	I hereby certify the statements in this report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
☒	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
☒	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.

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CONDITIONS

Action 115774

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 115774
	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.	6/10/2022