

## Gas Composition and Properties

Effective December 1, 2020 08:00 - January 18, 2038 21:14

Source #: 62482054

Name: CASS DRAW 10-23-27 FEE 401

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	0.0540		0.1047
Nitrogen, N2	0.9734		1.2013
Methane, C1	73.1487		51.6971
Ethane, C2	12.8288	3.4448	16.9939
Propane, C3	7.4574	2.0628	14.4868
iso-Butane, iC4	1.0599	0.3482	2.7139
n-Butane, nC4	2.7676	0.8760	7.0865
iso-Pentane, iC5	0.6536	0.2400	2.0774
n-Pentane, nC5	0.7478	0.2722	2.3769
Neo-Pentane, NeoC5			
Hexanes, C6	0.1962	0.0810	0.7449
Heptanes, C7	0.0852	0.0852	0.3761
Octanes, C8	0.0233	0.0120	0.1173
Nonanes Plus, C9+	0.0041	0.0023	0.0232
Water, H2O			
Hydrogen Sulfide, H2S			
Oxygen, O2			
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He			
Argon, Ar			

Property	Total Sample	C9 Plus Fraction
Pressure Base	14.730	
Temperature Base	60.00	
HCDP @ Sample Pressure		
Cricondentherm		
HV, Dry @ Base P, T	1359.05	
HV, Sat @ Base P, T	1335.97	
HV, Sat @ Sample P, T	0.00	
Relative Density	0.7868	

C9+: 100

Totals	100.0000	7.4240	100.0000
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## Sample

Date: 12/14/2020	Pressure:	43.0
Type: Spot	Temperature:	59.0
Tech:	H2O:	lbs/mm
	H2S:	ppm

Remarks:

## Analysis

Date: 12/14/2020	Instrument:
	Cylinder:

Tech:

Remarks:

**Gas Composition and Properties**

Effective February 1, 2021 08:00 - January 18, 2038 21:14

Source #: 62482056

Name: JOHNSON 10-23-27 FEE-401H

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	0.0793		0.1637
Nitrogen, N2	1.6190		2.1277
Methane, C1	76.7365		57.7527
Ethane, C2	12.6098	3.3839	17.7879
Propane, C3	4.8946	1.3531	10.1253
iso-Butane, iC4	0.8100	0.2660	2.2086
n-Butane, nC4	2.0661	0.6536	5.6337
iso-Pentane, iC5	0.4570	0.1677	1.5468
n-Pentane, nC5	0.5254	0.1911	1.7783
Neo-Pentane, NeoC5			
Hexanes, C6	0.1319	0.0544	0.5332
Heptanes, C7	0.0565	0.0565	0.2656
Octanes, C8	0.0109	0.0056	0.0584
Nonanes Plus, C9+	0.0030	0.0017	0.0181
Water, H2O			
Hydrogen Sulfide, H2S	0.0000		0.0000
Oxygen, O2			
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He			
Argon, Ar			
Totals	100.0000	6.1350	100.0000

Property	Total Sample	C9 Plus Fraction
Pressure Base	14.730	
Temperature Base	60.00	
HCDP @ Sample Pressure		
Cricondentherm		
HV, Dry @ Base P, T	1272.30	
HV, Sat @ Base P, T	1250.66	
HV, Sat @ Sample P, T	0.00	
Relative Density	0.7384	
C9+: 100		

**Sample**

Date: 02/25/2021      Pressure: 151.0  
 Type: Spot      Temperature: 80.0  
 Tech:      H2O: lbs/mm  
              H2S: ppm

Remarks:

**Analysis**

Date: 02/25/2021      Instrument:  
                                  Cylinder:

Tech:

Remarks:

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

DEFINITIONS

Action 105954

DEFINITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 105954
	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: <ul style="list-style-type: none"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul>
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QUESTIONS

Action 105954

**QUESTIONS**

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 105954
	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	Not answered.
Incident Facility	[fAPP2202134934] JOHNSON/CASS DRAW 10-401H TB

**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 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	Yes
Is this considered a submission for a vent or flare event	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 <b>at least 50 MCF</b> of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of <b>ANY</b> 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**

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	0
Nitrogen (N2) percentage, if greater than one percent	0
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.

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QUESTIONS, Page 2  
  
Action 105954

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 105954
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/28/2022
Time vent or flare was discovered or commenced	06:00 AM
Time vent or flare was terminated	02:00 PM
Cumulative hours during this event	8

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   Valve   Natural Gas Flared   Released: 52 Mcf   Recovered: 0 Mcf   Lost: 52 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	Flare back pressure valve malfunctioned.
Steps taken to limit the duration and magnitude of vent or flare	Rebuilt back pressure valve.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Rebuilt back pressure valve.

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ACKNOWLEDGMENTS

Action 105954

**ACKNOWLEDGMENTS**

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	Action Number: 105954
	Action Type: [C-129] Venting and/or Flaring (C-129)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	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 <b>complete</b> C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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 105954

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	Action Number: 105954
	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.	5/11/2022