

## Gas Composition and Properties

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

 Source #: 62469069  
 Name: C 17 STATE 3H

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	0.0714		0.1489
Nitrogen, N2	1.1880		1.5772
Methane, C1	77.5658		58.9722
Ethane, C2	12.0335	3.2290	17.1482
Propane, C3	5.6975	1.5749	11.9066
iso-Butane, iC4	0.7382	0.2424	2.0334
n-Butane, nC4	1.7580	0.5561	4.8425
iso-Pentane, iC5	0.3892	0.1428	1.3308
n-Pentane, nC5	0.4156	0.1512	1.4211
Neo-Pentane, NeoC5			
Hexanes, C6	0.0958	0.0395	0.3913
Heptanes, C7	0.0411	0.0411	0.1952
Octanes, C8	0.0049	0.0025	0.0265
Nonanes Plus, C9+	0.0010	0.0006	0.0061
Water, H2O			
Hydrogen Sulfide, H2S	0.0000		0.0000
Oxygen, O2			
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He			
Argon, Ar			
Totals	100.0000	5.9810	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	1268.00	
HV, Sat @ Base P, T	1246.44	
HV, Sat @ Sample P, T	0.00	
Relative Density	0.7309	
C9+: 100		

## Sample

 Date: 02/25/2021 Pressure: 113.0  
 Type: Spot Temperature: 70.0  
 Tech: H2O: lbs/mm  
 H2S: ppm

Remarks:

## Analysis

 Date: 02/25/2021 Instrument:  
 Cylinder:

Tech:

Remarks:

**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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**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 46012

**QUESTIONS**

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 46012
	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	[30-015-44536] C 17 STATE #003H
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	No
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	Separator
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	78
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

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	09/01/2021
Time venting and/or flaring was discovered or commenced	12:30 PM
Time venting and/or flaring was terminated	12:45 PM
Cumulative hours during this event	0

**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: Repair and Maintenance   Separator   Natural Gas Flared   Released: 75 Mcf   Recovered: 0 Mcf   Lost: 75 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.

<b>Venting or Flaring Resulting from Downstream Activity</b>	
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.

<b>Steps and Actions to Prevent Waste</b>	
For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	False
Please explain reason for why this event was beyond your operator's control	Not answered.
Steps taken to limit the duration and magnitude of venting and/or flaring	Oil dump on separator needed adjustment as it was blowing gas to heater.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	Adjusted oil dump on separator.

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CONDITIONS  
  
Action 46012

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Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 46012
	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.	9/3/2021