

NMOCD C-129 Volume Calculation

Well: C 17 STATE #3H 30-015-44536
Location (WGS 84): 32.30845, -104.20658

Volume Calculation: Low pressure separator volume from meter.

	Date	MCF/D
Flare Start Date; Start Time	6/3/2021; 2:45 PM	
Flare End Date; End Time	6/4/2021; 4:15 AM	0.4

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			
C9+: 100			
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
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
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 30580

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 30580
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

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 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	Yes
Is this considered a submission for a notification of a major venting or flaring	Yes, answer to "eight hours or more" suggests this is at least a minor event.
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 19-1-297 NMAC.	
Was there or will there be at least 50 MCF of natural gas vented or flared during this event	No
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	
<i>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.</i>	
Facility or Site Name	Not answered.
Facility Type	Not answered.

Equipment Involved	
Primary Equipment Involved	Separator
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	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 or flaring was discovered or commenced	06/03/2021
Time venting or flaring was discovered or commenced	02:24 PM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	06/04/2021
Time venting or flaring was terminated	04:45 AM
Total duration of venting or flaring in hours, if venting or flaring has terminated	14
Longest duration of cumulative hours within any 24-hour period during this event	14

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Normal Operations Separator Natural Gas Flared Spilled: 0 Mcf Recovered: 0 Mcf Lost: 0 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)	More volume information must be supplied to determine if this will be treated as 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	
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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	Low pressure separator meter estimated reading.
Steps taken to limit the duration and magnitude of venting or flaring	Low pressure separator meter estimated reading.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Low pressure separator meter estimated reading.

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CONDITIONS
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	Action Number: 30580
	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.	6/4/2021