



Volumetrics Inc.

3710 East Rio Grande St, Victoria, TX-77901

Phone: 361-827-4024

Company: OXY USA INC
Field/Location : NMSW
Station Name : CORRAL FLY 35-26 CTB TRAIN 1 PRODUCTION
Station Number : 18201P
Sample Date: 11/12/21 2:50 PM
Analysis Date: 11/22/21 4:59 PM
Instrument: VARIAN- 490 GC
Calibration/Verification Date: 11/22/2021
Heat Trace used: YES

Work Order: 4000393089
Sampled by: VOLUMETRICS/RA
Sample Type : SPOT-CYLINDER
Sample Temperature (F): 86.4
Sample Pressure (PSIG): 103.43
Flow rate (MCF/Day): 5279.82
Ambient Temperature (F): 70
Sampling method: FILL & EMPTY
Cylinder Number: 1110

NATURAL GAS ANALYSIS: GPA 2261

Components	Un-Normalized Mol%	Normalized Mol%	GPM 14.650	GPM 14.730	GPM 15.025
Hydrogen Sulfide	0.0000	0.0000			
Nitrogen	1.3245	1.3501			
Methane	74.5730	76.0119			
Carbon Dioxide	0.1821	0.1856			
Ethane	11.6417	11.8663	3.168	3.186	3.250
Propane	5.7425	5.8533	1.610	1.619	1.651
Isobutane	0.7723	0.7872	0.257	0.259	0.264
N-butane	1.9003	1.9370	0.610	0.613	0.625
Isopentane	0.4592	0.4681	0.171	0.172	0.175
N-Pentane	0.5151	0.5250	0.190	0.191	0.195
Hexanes(C6's)	0.3235	0.3297	0.135	0.136	0.139
Heptanes (C7's)	0.3482	0.3549	0.163	0.164	0.168
Octanes (C8's)	0.2723	0.2776	0.142	0.143	0.146
Nonanes Plus (C9+)	0.0523	0.0533	0.030	0.030	0.031
Total	98.1070	100.0000			

Physical Properties (Calculated)

	14.650 psia	14.730 psia	15.025 psia
Total GPM Ethane+	6.477	6.513	6.643
Total GPM Iso-Pentane+	0.832	0.836	0.853
Compressibility (Z)	0.9960	0.9959	0.9959
Specific Gravity (Air=1) @ 60 °F	0.7668	0.7669	0.7669
Molecular Weight	22.128	22.128	22.128

Gross Heating Value

	14.650 psia	14.730 psia	15.025 psia
Dry, Real (BTU/Ft ³)	1311.0	1318.3	1344.7
Wet, Real (BTU/Ft ³)	1288.0	1295.2	1321.1
Dry, Ideal (BTU/Ft ³)	1305.7	1312.9	1339.2
Wet, Ideal (BTU/Ft ³)	1282.9	1289.9	1315.7

Temperature base 60 °F

Comment: FIELD H2S =0 PPM

Verified by

Mostaq Ahammad
Petroleum Chemist

Approved by

Deann Friend
Laboratory Manager

UPSET VENTING EVENT SPECIFIC JUSTIFICATIONS FORM**Facility:** Corral Fly 35-26 Fed CTB**Vent Date:** 03/02/2022**Duration of event:** 2 Hours 39 Minutes**MCF Vented:** 50**Start Time:** 12:42 PM**End Time:** 03:21 PM**Cause:** Venting > Scheduled Maintenance Shutdown > Installation of new meters on VRU's**Method of Vent Gas Measurement:** Gas Vent Meter

Comments: This upset event was not caused by any wells associated with the facility. *** NMOCD Online would NOT accept a vent gas flow of 50 MCF, therefore an MCF of 51 was entered for the submission to be accepted.

1. Reason why this event was beyond Operator's control:

In this case, this emissions event was due to a planned scheduled maintenance shutdown of the facility's low pressure and high pressure VRU's due to federal requirements necessitating installation of meters for production overview accounting of discharge gas on these VRU specific equipment units. The venting was caused when the VRU's were shut down as part of a planned maintenance schedule shutdown and a small bit of gas vented before the gas was sent to the VCU.

2. Steps Taken to limit duration and magnitude of venting or flaring:

The steps taken to limit duration and magnitude of venting in this emissions event was for the gas to be sent to the VCU. As stated before, in this case, this emissions event was due to a planned scheduled maintenance shutdown of the facility's low pressure and high pressure VRU's due to federal requirements necessitating installation of meters for production overview accounting of discharge gas on these VRU specific equipment units. The venting was caused when the VRU's were shut down as part of a planned maintenance schedule shutdown and a small bit of gas vented before the gas was sent to the VCU.

3. Corrective Actions taken to eliminate the cause and reoccurrence of venting or flaring:

In this case, the corrective actions taken to eliminate the cause and reoccurrence of venting, particularly, for this type of circumstance, was for Oxy to install by-pass lines to prevent potential venting at this facility. Oxy continually strives to maintain and operate its facility equipment in a manner consistent with good practices for minimizing emissions and reducing the number of emission events. Oxy has a strong and positive equipment preventative maintenance program in place as well as having its field personnel consistently inspect and monitor its equipment for potential issues. The only actions that Oxy can take and handle that is within its control, is to continue to be proactive with its equipment preventative maintenance program for this facility.

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District II
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Phone:(575) 748-1283 Fax:(575) 748-9720

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

DEFINITIONS

Action 90380

DEFINITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 90380
	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">• 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 90380

QUESTIONS

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	Action Number: 90380
	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	[fAPP2126640243] CORRAL FLY 35-26 CTB

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	No
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.
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 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	Other (Specify)
Additional details for Equipment Involved. Please specify	Venting > Scheduled Maintenance Shutdown > Installation of new meters on VRU's

Representative Compositional Analysis of Vented or Flared Natural Gas	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	76
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.

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QUESTIONS, Page 2

Action 90380

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	03/02/2022
Time vent or flare was discovered or commenced	12:42 PM
Time vent or flare was terminated	03:21 PM
Cumulative hours during this event	2

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Other Other (Specify) Natural Gas Vented Released: 51 Mcf Recovered: 0 Mcf Lost: 51 Mcf]
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Gas Flow Meter
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	In this case, this emissions event was due to a planned scheduled maintenance shutdown of the facility's low pressure and high pressure VRU's due to federal requirements necessitating installation of meters for production overview accounting of discharge gas on these VRU specific equipment units. The venting was caused when the VRU's were shut down as part of a planned maintenance schedule shutdown and a small bit of gas vented before the gas was sent to the VCU.
Steps taken to limit the duration and magnitude of vent or flare	The steps taken to limit duration and magnitude of venting in this emissions event was for the gas to be sent to the VCU. As stated before, in this case, this emissions event was due to a planned scheduled maintenance shutdown of the facility's low pressure and high pressure VRU's due to federal requirements necessitating installation of meters for production overview accounting of discharge gas on these VRU specific equipment units. The venting was caused when the VRU's were shut down as part of a planned maintenance schedule shutdown and a small bit of gas vented before the gas was sent to the VCU.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	In this case, the corrective actions taken to eliminate the cause and reoccurrence of venting, particularly, for this type of circumstance, was for Oxy to install by-pass lines to prevent potential venting at this facility. Oxy continually strives to maintain and operate its facility equipment in a manner consistent with good practices for minimizing emissions and reducing the number of emission events. Oxy has a strong and positive equipment preventative maintenance program in place as well as having its field personnel consistently inspect and monitor its equipment for potential issues. The only actions that Oxy can take and handle that is within its control, is to continue to be proactive with its equipment preventative maintenance program for this facility.

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ACKNOWLEDGMENTS

Action 90380

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	16696
	Action Number:
	90380
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 complete 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 90380

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition Date
marialuna2	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.	3/15/2022