



Certificate of Analysis

Number: 5030-23050726-004A

Midland Laboratory

2200 East I-20

Midland, TX 79706

Phone 432-689-7252

JIMMY POOLE
SALT CREEK MIDSTREAM
1369 I-20
PECOS, TX 79772

June 05, 2023

Station Name: Welcome to Golden Compressor Discharge
Station Number: 8.00.16
Sample Point: METER TUBE
Cylinder No: 1111-007983
Analyzed: 06/01/2023 14:27:17 by CDW

Sampled By: T BURGESS
Sample Of: Gas Spot
Sample Date: 05/28/2023 11:45
Sample Conditions: 1067 psia, @ 128 °F
PO/Ref. No: 005631
Method: GPA-2261

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Hydrogen Sulfide	0.000	0.000		GPM TOTAL C2+	5.971
Nitrogen	0.866	1.129		GPM TOTAL C3+	2.943
Methane	78.175	58.360		GPM TOTAL iC5+	0.740
Carbon Dioxide	0.135	0.276			
Ethane	11.344	15.873	3.028		
Propane	5.072	10.408	1.395		
Iso-butane	0.771	2.085	0.252		
n-Butane	1.767	4.779	0.556		
Iso-pentane	0.506	1.699	0.185		
n-Pentane	0.536	1.800	0.194		
Hexanes Plus	0.828	3.591	0.361		
	100.000	100.000	5.971		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7445	3.2176
Calculated Molecular Weight	21.49	93.19
Compressibility Factor	0.9962	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	1286	5113
Water Sat. Gas Base BTU	1264	5024

Comments: H2S Field Content 0 ppm

Data reviewed by: Marco Barrientos, Laboratory Supervisor

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

Calculation of Emissions Vented to Atmosphere

Release Data:	Tank Venting at Welcome to Golden CS
	Combustor was down from 06/09 to 06/15; Vented via tank thief hatches
Representative Gas Analysis:	WTG Compressor Discharge Speciation from 05/28/2023
Volume Released =	144,620 scf 144.62 MCF

Component	vol% or mole%	Material Released to Atmosphere				RQ lb
		scf	MW lb/lb-mole	tons	lb	
VOCs						
Propane (C3H8)	5.072	7,335	44.09	0.426	852.19	5000
n-Butane (C4H10)	1.767	2,555	58.12	0.196	391.36	5000
Isobutane (i-C4H10)	0.771	1,115	58.12	0.085	170.76	5000
n-Pentane (n-C5H12)	0.536	775	72.15	0.074	147.37	5000
Isopentane (i-C5H12)	0.506	732	72.15	0.070	139.12	5000
Neopentane (C5H12)		0	72.15	0	0.00	5000
n-Hexane (C6H14)		0	86.17	0	0.00	5000
Ethylene (C2H4)		0	28.05	0	0.00	5000
Propylene (C3H6)		0	42.08	0	0.00	5000
1-Butene (C4H8)		0	56.10	0	0.00	5000
Isobutene (iC4H8)		0	56.10	0	0.00	5000
t-Butene (t-C4H8)		0	56.10	0	0.00	5000
c-Butene (c-C4H8)		0	56.10	0	0.00	5000
n-Pentene (C5H10)		0	70.13	0	0.00	5000
Benzene (C6H6)		0	78.11	0	0.00	10
Toluene (C7H8)		0	92.13	0	0.00	1000
Xylene (C8H10)		0	106.16	0	0.00	100
Acetylene (C2H2)		0	26.04	0	0.00	5000
Naphthalene (C10H8)		0	128.16	0	0.00	100
Methyl Alcohol (CH3OH)		0	32.04	0	0.00	5000
Ethyl Alcohol (C2H5OH)		0	46.07	0	0.00	5000
Total VOC	8.652	12,513		0.850	1,700.81	
Non VOCs						
Methane (CH4)	78.175	113,057	16.04	2.39	4,778.47	-
Ethane (C2H6)	11.344	16,406	30.07	0.65	1,299.92	-
Hydrogen Sulfide (H2S)	0.000	0	34.08	0.00	0.00	100
Water Vapor (H2O)		0	18.02	0.00	0.00	-
Hydrogen (H2)		0	2.02	0.00	0.00	-
Oxygen (O2)		0	32.00	0.00	0.00	-
Nitrogen (N2)	0.866	1,252	28.01	0.05	92.44	-
Carbon Monoxide (CO)		0	28.01	0.00	0.00	5000
Carbon Dioxide (CO2)	0.135	593,847	44.01	0.01	22.61	-
Total Non VOC	90.520	724,561.99		3.10	6,193.43	
TOTAL	99.172	737,074.51		3.947	7,894.25	

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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DEFINITIONS

Action 232336

DEFINITIONS

Operator: SCM Operations, LLC 5775 N Sam Houston Pkwy W Houston, TX 77086	OGRID: 330368
	Action Number: 232336
	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 232336

QUESTIONS

Operator: SCM Operations, LLC 5775 N Sam Houston Pkwy W Houston, TX 77086	OGRID: 330368
	Action Number: 232336
	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	Unavailable.
Incident Facility	[fAPP2123262420] Nailed It Gathering System

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 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	Tank (Any)
Additional details for Equipment Involved. Please specify	The Enclosed Combustion Device (ECD) was taken out of service due to heat damage. Emissions were vented via the tank thief hatches while the unit was down.

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 (C02) 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 Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 232336

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	06/09/2023
Time vent or flare was discovered or commenced	09:00 AM
Time vent or flare was terminated	09:00 AM
Cumulative hours during this event	144

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Midstream Emergency Maintenance Tank (Any) Natural Gas Vented Released: 145 Mcf Recovered: 0 Mcf Lost: 145 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
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	The Enclosed Combustion Device (ECD) had to be taken out of service when it was found to exhibit signs of heat damage.
Steps taken to limit the duration and magnitude of vent or flare	SCM personnel immediately conducted repairs to the ECD and worked with the ECD vendor to restart the unit.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	SCM personnel pulled gas samples to determine BTU content and are working with the ECD vendor to determine if the unit needs to be resized.

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ACKNOWLEDGMENTS

Action 232336

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	Action Number: 232336
	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 232336

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	Action Number: 232336
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
hayden.acosta	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.	6/23/2023