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C6+ Gas Analysis Report

13668G	Golden Tee 302	Golden Tee 302	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2022051690	0234	B Longoria - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
Feb 25, 2022	Feb 25, 2022	Feb 28, 2022 09:09	Feb 28, 2022
Date Sampled	Date Effective	Date Received	Date Reported
System Administrator		@ 45	
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Innospec	Avant		
Operator	Lab Source Description		

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.1300	0.13	
Nitrogen (N2)	2.1540	2.157	
CO2 (CO2)	12.0270	12.043	
Methane (C1)	64.9880	65.073	
Ethane (C2)	10.2360	10.25	2.7370
Propane (C3)	5.7370	5.745	1.5800
I-Butane (IC4)	0.7350	0.736	0.2400
N-Butane (NC4)	1.8670	1.869	0.5880
I-Pentane (IC5)	0.5360	0.537	0.1960
N-Pentane (NC5)	0.5280	0.529	0.1910
Hexanes Plus (C6+)	1.0620	1.063	0.4610
TOTAL	100.0000	100.1320	5.9930

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Jan 24, 2022

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,168.7	1,149.7	1,171.4	1,152.4

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.8752	0.8717
Molecular Weight	
25.2437	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S
1300 PPM

PROTREND STATUS:

Passed By Validator on Feb 28, 2022

DATA SOURCE:

Imported

PASSED BY VALIDATOR REASON:

First sample taken @ this point, composition looks reasonable

VALIDATOR:

Dustin Armstrong

VALIDATOR COMMENTS:

OK

302			
Action ID	Reference	Date	Mcf
		02/20/22	0
84104	nAPP2205556430	02/21/22	162
84110	nAPP2205556951	02/22/22	409
84120	nAPP2205557171	02/23/22	534
86110	nAPP2206252895	02/24/22	777
86114	nAPP2206253197	02/25/22	1028
86116	nAPP2206253532	02/26/22	1359
86118	nAPP2206253706	02/27/22	1649
86125	nAPP2206254028	02/28/22	1780
86129	nAPP2206254411	03/01/22	1956
86130	nAPP2206254613	03/02/22	2265
87133	nAPP2206335261	03/03/22	2453
87553	nAPP2206639011	03/04/22	2652
87654	nAPP2206646409	03/05/22	2790
87657	nAPP2206646564	03/06/22	2902
		03/07/22	3024
		03/08/22	3089
		03/09/22	
		03/10/22	
		03/11/22	2017
		03/12/22	1933
		03/13/22	2255
		03/14/22	2444

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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DEFINITIONS

Action 90142

DEFINITIONS

Operator: Avant Operating, LLC 1515 Wynkoop Street Denver, CO 80202	OGRID: 330396
	Action Number: 90142
	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: • 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

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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	[30-025-49325] GOLDEN TEE 31 FEDERAL COM #302H
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 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	Yes
Is this considered a submission for a vent or flare event	Yes, major 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	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	65
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	1,300
Carbon Dioxide (CO2) percentage, if greater than one percent	12
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	2
Hydrogen Sulfide (H2S) PPM quality requirement	4
Carbon Dioxide (CO2) percentage quality requirement	2
Oxygen (O2) percentage quality requirement	0

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QUESTIONS, Page 2

Action 90142

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	03/11/2022
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	24

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Pipeline Quality Specifications Separator Natural Gas Flared Released: 2,017 Mcf Recovered: 0 Mcf Lost: 2,017 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	All data we have showed that the gas was much lower in H2S concentration
Steps taken to limit the duration and magnitude of vent or flare	We have tried multiple companies and multiple treatment options to remedy the issue.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	We have found a solution and are currently installing the fix at our facility which will eliminate any flaring

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ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

☒	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.
☒	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.
☒	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.
☒	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.
☒	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

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CONDITIONS

Created By	Condition	Condition Date
tsarantinos	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.	3/14/2022