www.permianls.com 575.397.3713 2609 W Marland Hobbs NM 88240



13667G	Golden Tee 301	Golden Tee 301
Sample Point Code	Sample Point Name	Sample Point Location

Laborator	y Services	2022051623	0889		B Longoria - Spot
Source L	aboratory	Lab File No	Container Ide	ntity	Sampler
USA		USA	USA		New Mexico
District		Area Name	Field Name		Facility Name
Feb 23,	2022	Feb 23, 2022		Feb 24, 2022 08	3:06 Feb 24, 2022
Date San	npled	Date Effective		Date Received	Date Reported
		System Administrator	@	73	
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst		@ Temp °F Conditions	
Innos	spec				Avant
Opera	ator	_			Lab Source Description

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.1800	0.18	
Nitrogen (N2)	2.7180	2.723	
CO2 (CO2)	12.6440	12.667	
Methane (C1)	66.1500	66.267	
Ethane (C2)	8.9210	8.937	2.3850
Propane (C3)	4.7520	4.761	1.3090
I-Butane (IC4)	0.6020	0.603	0.1970
N-Butane (NC4)	1.4940	1.497	0.4710
I-Pentane (IC5)	0.4280	0.429	0.1560
N-Pentane (NC5)	0.4340	0.435	0.1570
Hexanes Plus (C6+)	1.6770	1.68	0.7280
TOTAL	100.0000	100.1790	5.4030

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 @	14.696 PSI @ 60.00 °F		73 PSI @ 60.00 °F	
Dry	Saturated	Dry	Saturated	
1,139.6	1,121.1	1,142.	2 1,123.7	
Ca	Iculated Tota	l Sample Pro	perties	
GF	A2145-16 *Calcula	ited at Contract Co	onditions	
Relative Den	sity Real	Re	lative Density Ideal	
0.87	28		0.8694	
Molecular '	Weight			
25.18	303			
	C6+ Gro	up Properties	1	
	Assume	d Composition		
C6 - 60.000%	C7 - 3	30.000%	C8 - 10.000%	
	Fi	eld H2S		
	180	00 PPM		

PROTREND STATUS: DATA SOURCE: Passed By Validator on Feb 25, 2022 Imported

PASSED BY VALIDATOR REASON:

First sample taken @ this point, composition looks reasonable

VALIDATOR:

Luis Cano

VALIDATOR COMMENTS:

ok



13668G		Golden Tee 302				Golden Tee 302		
Sample Point Code		Sample Point Name			Sample Po	oint Location		
Laboratory Ser	vices	2022051	690	0234			B Longoria -	Spot
Source Laborat	ory	Lab File	No —	Container Iden	tity		Sampler	
USA		USA		USA			New Mexic	0
District		Area Name		Field Name			Facility Name	2
Feb 25, 2022		Feb	25, 2022		Feb 28	3, 2022 09:09	Fel	28, 2022
Date Sampled		Date	e Effective		Da	te Received	Da	te Reported
		System Admi	nistrator	@	45			
Ambient Temp (°F)	Flow Rate (Mcf)	Analys	t	Press PSI @ Source Co				
				Source Co	onuluons			
Innospec							Avant	
Operator						Li	ab Source Descri	ption
Component	Normalized	Un-Normalized	GPM	Gross Heating Values (Real, BTU/ft³)		′ft³)		
	Mol %	Mol %		_	14.696 PSI @			I @ 60.00 °F
H2S (H2S)	0.1300	0.13		Dr 1,16		Saturated 1,149.7	Dry 1,171.4	Saturated 1,152.4
Nitrogen (N2)	2.1540	2.157				alculated Total Sa		
CO2 (CO2)	12.0270	12.043		7		PA2145-16 *Calculated a		
Methane (C1)	64.9880	65.073		1	Relative Der	•		Density Ideal
Ethane (C2)	10.2360	10.25	2.7370	0.8752 0.871 Molecular Weight		.8/1/		
Propane (C3)	5.7370	5.745	1.5800		25.2	437		
I-Butane (IC4)	0.7350	0.736	0.2400	C6+ Group Properties Assumed Composition				
N-Butane (NC4)	1.8670	1.869	0.5880	C6 -	60.000%		·	C8 - 10.000%
I-Pentane (IC5)	0.5360	0.537	0.1960			Field H		
N-Pentane (NC5)	0.5280	0.529	0.1910			1300 F	PPM	
Hexanes Plus (C6+)	1.0620	1.063	0.4610	PROTREND	STATUS:		DATA S	OURCE:
TOTAL	100.0000	100.1320	5.9930			r on Feb 28, 202		_

Analy	77er	Inforr	mation

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

PASSED BY VALIDATOR REASON:

First sample taken @ this point, composition looks reasonable

VALIDATOR:

Dustin Armstrong

VALIDATOR COMMENTS:

OK



13670G			Golden Tee	Tee 501 Golden Tee 5			ee 501	
Sample Point Code	· ·	Sample Point Name			Sample Point	Location		
Laboratory Serv	rices	2022051	626	1348	<u> </u>		B Longoria - Sp	ot
Source Laborato	ry	Lab File N	No	Container Id	dentity		Sampler	
USA		USA		USA			New Mexico	
District		Area Name		Field Name			Facility Name	
Feb 23, 2022		Feb	23, 2022		Feb 2	4, 2022 08:30	Feb 2	24, 2022
Date Sampled		Date	e Effective		Da	ate Received	Date	Reported
		System Admir	nistrator		@ 23			
Ambient Temp (°F) F	low Rate (Mcf)	Analyst	:		I @ Temp °F e Conditions			
				300100	Conditions			
Innospec							Avant	
Operator							Lab Source Description	on
Component	Normalized	Un-Normalized	GPM		Gr	oss Heating Valu	es (Real, BTU/ft	3)
	Mol %	Mol %		_	14.696 PSI @		14.73 PSI @	
H2S (H2S)	0.0010	0.001		_	Dry ,385.8	Saturated 1,363.1	Dry 1,389.0000	Saturated 1,366.3
Nitrogen (N2)	1.3970	1.397		┚╠═		·	Sample Properties	·
CO2 (CO2)	2.7870	2.787					at Contract Conditions	
Methane (C1)	72.9150	72.916			Relative De		Relative De	•
Ethane (C2)	9.4690	9.469	2.5320		Molecular	Weight	0.0	327
Propane (C3)	5.4330	5.433	1.4960		24.6			
I-Butane (IC4)	0.8590	0.859	0.2810			C6+ Group Assumed Co	•	
N-Butane (NC4)	1.9970	1.997	0.6290	C	6 - 60.0009			- 10.000%
I-Pentane (IC5)	0.7530	0.753	0.2750			Field		
N-Pentane (NC5)	0.7240	0.724	0.2620			10 F	PPM	
Hexanes Plus (C6+)	3.6650	3.665	1.5900	PROTRE	ND STATUS	<u> </u>	DATA SOU	JRCE:
TOTAL	100.0000	100.0010	7.0650			or on Feb 25, 20		

Anal	/70r	Inform	ation
Allal	vzei	Inform	Ialion

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

First sample taken @ this point, composition looks reasonable

VALIDATOR:

Luis Cano



Natural Gas	Analysis		
13669G	Gold	len Tee 502	Golden Tee 502
Sample Point Code	Samp	ole Point Name	Sample Point Location
Laboratory Services	2022051625	1495	B Longoria - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico

District Area Name Field Name Facility Name Feb 23, 2022 Feb 23, 2022 Feb 24, 2022 08:28 Feb 24, 2022 Date Effective Date Received Date Sampled Date Reported @ 23 Luis Ambient Temp (°F) Flow Rate (Mcf) Analyst Press PSI @ Temp °F Source Conditions Innospec Avant

Innospec Avant

Operator Lab Source Description

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0010	0.001	
Nitrogen (N2)	1.4750	1.47551	
CO2 (CO2)	3.2840	3.28381	
Methane (C1)	76.3210	76.32292	
Ethane (C2)	9.4980	9.49804	2.5390
Propane (C3)	4.8900	4.89013	1.3470
I-Butane (IC4)	0.7230	0.72264	0.2370
N-Butane (NC4)	1.5430	1.54254	0.4860
I-Pentane (IC5)	0.5220	0.52154	0.1910
N-Pentane (NC5)	0.4330	0.43286	0.1570
Hexanes Plus (C6+)	1.3100	1.31001	0.5680
TOTAL	100.0000	100.0010	5.5250

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 °F		14.73 PSI @ 60.00 °F	
Dry	Saturated	Dry Saturated	
1,245.7	1,225.3	1,248.6	1,228.1

Calculated Total S	Sample Properties
GPA2145-16 *Calculated	d at Contract Conditions
Relative Density Real	Relative Density Ideal
0.7742	0.7715
Molecular Weight	
22.3417	

	C6+ Group Properties	5
	Assumed Composition	
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%
	Field H2S	

10 PPM

PROTREND STATUS:
Passed By Validator on Feb 25, 2022
Imported

PASSED BY VALIDATOR REASON:

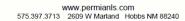
First sample taken @ this point, composition looks reasonable

VALIDATOR:

Luis Cano

VALIDATOR COMMENTS:

ok





15772G	Golden Tee 31 Fed Com #304	Golden Tee 31 Fed Com #304
Sample Point Code	Sample Point Name	Sample Point Location

Laborato	ry Services	2023062848	2032		John Brink - Spot
Source L	aboratory	Lab File No	Container Ide	entity	Sampler
USA		USA	USA		New Mexico
District		Area Name	Field Name		Facility Name
Jan 17,	2023	Jan 17, 2023		Jan 18, 2023 09:57	Jan 19, 2023
Date Sar	npled	Date Effective		Date Received	Date Reported
		0			
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst		@ Temp °F Conditions	
Avant Op	perating				NG
Oper	ator	_			Lab Source Description

Normalized Mol %	Un-Normalized Mol %	GPM
0.0000	0	
2.4420	2.44223	
7.2620	7.26222	
72.6970	72.69667	
9.7000	9.6995	2.5930
4.6380	4.63821	1.2770
0.5550	0.55512	0.1820
1.3570	1.35696	0.4280
0.3920	0.39235	0.1430
0.3800	0.38009	0.1380
0.5770	0.57665	0.2500
100.0000	100.0000	5.0110
	Mol % 0.0000 2.4420 7.2620 72.6970 9.7000 4.6380 0.5550 1.3570 0.3920 0.3800 0.5770	Mol % Mol % 0.0000 0 2.4420 2.44223 7.2620 7.26222 72.6970 72.69667 9.7000 9.6995 4.6380 4.63821 0.5550 0.55512 1.3570 1.35696 0.3920 0.39235 0.3800 0.38009 0.5770 0.57665

	Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu	
Device Model:	GC-2014	Last Cal Date:	Jan 3, 2023	

G	ross Heating Valu	ues (Real, BTU/ft	-31
Gi	033 Ficating Vali	acs (Real, D10/10	.)
14.696 PSI @ 60.00 °F 14.73 PSI @ 60.00 °F			⊉ 60.00 °F
Dry	Saturated	Dry	Saturated
1,149.4	1,130.8	1,152.1	1,133.4
Calculated Total Sample Properties			

Calculated Total Sa	ample Properties
GPA2145-16 *Calculated	at Contract Conditions
Relative Density Real	Relative Density Ideal
0.7866	0.7841
Molecular Weight	
22.7103	

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

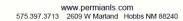
PROTREND STATUS: DATA SOURCE: Passed By Validator on Jan 20, 2023 Imported

PASSED BY VALIDATOR REASON:

First sample taken @ this point, composition looks reasonable

VALIDATOR:

Brooke Rush





15771G	Golden Tee 31 Fed Com #305	Golden Tee 31 Fed Com #305
Sample Point Code	Sample Point Name	Sample Point Location

Laborator	y Services	2023062847	1259		John Brink - Spot
Source L	aboratory	Lab File No	Container Ide	ntity	Sampler
USA		USA	USA		New Mexico
District		Area Name	Field Name	eld Name Facilit	
Jan 17,	2023	Jan 17, 2023		Jan 18, 2023 09:	:54 Jan 19, 202
Date San	npled	Date Effective		Date Received	Date Reporte
		System Administrator			
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst		@ Temp °F Conditions	
Avant Op	perating				NG
Opera	ator	_			Lab Source Description

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	4.5750	4.575	
CO2 (CO2)	8.4310	8.431	
Methane (C1)	59.1370	59.137	
Ethane (C2)	11.2730	11.273	3.0140
Propane (C3)	7.2360	7.236	1.9930
I-Butane (IC4)	1.1080	1.108	0.3620
N-Butane (NC4)	3.1420	3.142	0.9900
I-Pentane (IC5)	1.2150	1.215	0.4440
N-Pentane (NC5)	1.3240	1.324	0.4800
Hexanes Plus (C6+)	2.5590	2.559	1.1100
TOTAL	100.0000	100.0000	8.3930

Analyzer Information					
Device Type:	Gas Chromatograph	Device Make:	Shimadzu		
Device Model:	GC-2014	Last Cal Date:	Jan 3, 2023		

Gross Heating Values (Real, BTU/ft³)					
14.696 PSI @ 60.00 °F 14.73 PSI @ 60.00 °F					
Dry	Dry	Saturated			
1,355.0000 1,332.9 1,358.1 1,336.0000					

Calculated Total Sample Properties			
GPA2145-16 *Calculated at Contract Conditions			
Relative Density Real	Relative Density Ideal		
0.9630 0.9580 Molecular Weight			
27.7463			

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

PROTREND STATUS: DATA SOURCE: Passed By Validator on Jan 20, 2023 Imported

PASSED BY VALIDATOR REASON:

First sample taken @ this point, composition looks reasonable

VALIDATOR:

Brooke Rush



15774G		Golde	en Tee 31 Fed (Com #306 Golden Tee 31 Fed Com			Fed Com #306	
Sample Point Code			Sample Point Name				Sample Poi	int Location
Laboratory Serv	ices	2023062	850	1785			John Brink - S	Spot
Source Laborator	γ	Lab File	No —	Container Id	entity		Sampler	
USA		USA		USA			New Mexico)
District		Area Name		Field Name			Facility Name	
Jan 19, 2023		Jan	19, 2023		Jan 18,	2023 10:02	Jan	19, 2023
Date Sampled		Date	e Effective		Date	e Received	Dat	te Reported
		Luis						
Ambient Temp (°F) FI	ow Rate (Mcf)	Analys	t		I @ Temp °F Conditions			
				200.00	Containa			
Avant Operating	9				_		NG	
Operator						Li	ab Source Descrip	otion
Component	Normalized	Un-Normalized	GPM	7	Gros	s Heating Value	es (Real, BTU/	ft³)
Component	Normalized Mol %	Un-Normalized Mol %	GPM		14.696 PSI @ 6	60.00 °F	14.73 PSI	@ 60.00 °F
Component H2S (H2S)			GPM	1,;	14.696 PSI @ 6	60.00 °F Saturated	14.73 PSI Dry	@ 60.00 °F Saturated
·	Mol %	Mol %	GPM	1,	14.696 PSI @ 6 Dry 239.9	50.00 °F Saturated 1,219.7	14.73 PSI Dry 1,242.8	@ 60.00 °F Saturated 1,222.5
H2S (H2S)	Mol % 0.0000	Mol %	GPM	1,:	14.696 PSI @ 6 Dry 239.9	60.00 °F Saturated	14.73 PSI Dry 1,242.8 ample Properti	@ 60.00 °F Saturated 1,222.5
H2S (H2S) Nitrogen (N2)	Mol % 0.0000 1.7300	Mol % 0 1.73026	GPM	1,:	14.696 PSI @ 6 Dry 239.9 Cali GPA Relative Dens	Saturated 1,219.7 culated Total Saturated Total Saturated Total Saturated Total Saturated Satur	14.73 PSI Dry 1,242.8 ample Properti at Contract Condition Relative I	@ 60.00 ŰF Saturated 1,222.5 es ns Density Ideal
H2S (H2S) Nitrogen (N2) CO2 (CO2)	Mol % 0.0000 1.7300 8.9100	Mol % 0 1.73026 8.90982	GPM 3.2650	1,	14.696 PSI @ 6 Dry 239.9 Calo GPA Relative Dens 0.864 Molecular W	Saturated 1,219.7 culated Total Saturated Total Saturated Total Saturated Total Saturated Satur	14.73 PSI Dry 1,242.8 ample Properti at Contract Condition Relative I	@ 60.00 ŰF Saturated 1,222.5
H2S (H2S) Nitrogen (N2) CO2 (CO2) Methane (C1)	Mol % 0.0000 1.7300 8.9100 65.6420	Mol % 0 1.73026 8.90982 65.64296		1,	14.696 PSI @ 6 Dry 239.9 Calc GPA Relative Dens 0.864	Saturated 1,219.7 culated Total Saturated Total Saturated Total Saturated Total Saturated Satur	14.73 PSI Dry 1,242.8 ample Properti at Contract Condition Relative I	@ 60.00 ŰF Saturated 1,222.5 es ns Density Ideal
H2S (H2S) Nitrogen (N2) CO2 (CO2) Methane (C1) Ethane (C2)	Mol % 0.0000 1.7300 8.9100 65.6420 12.2130	Mol % 0 1.73026 8.90982 65.64296 12.2125	3.2650	1,	14.696 PSI @ 6 Dry 239.9 Calo GPA Relative Dens 0.864 Molecular W	Saturated 1,219.7 culated Total Saturated Saturated Total Saturated Saturated Total Saturated S	14.73 PSI Dry 1,242.8 ample Properti at Contract Condition Relative I 0.	@ 60.00 ŰF Saturated 1,222.5 es ns Density Ideal
H2S (H2S) Nitrogen (N2) CO2 (CO2) Methane (C1) Ethane (C2) Propane (C3)	Mol % 0.0000 1.7300 8.9100 65.6420 12.2130 6.4670	Mol % 0 1.73026 8.90982 65.64296 12.2125 6.46695	3.2650 1.7810		14.696 PSI @ 6 Dry 239.9 Calo GPA Relative Dens 0.864 Molecular W	Saturated 1,219.7 culated Total Saturated For Saturated Total Saturated Total Saturated For Saturat	14.73 PSI Dry 1,242.8 Ample Properti at Contract Condition Relative I 0. Properties mposition	@ 60.00 ŰF Saturated 1,222.5 es ns Density Ideal
H2S (H2S) Nitrogen (N2) CO2 (CO2) Methane (C1) Ethane (C2) Propane (C3) I-Butane (IC4)	Mol % 0.0000 1.7300 8.9100 65.6420 12.2130 6.4670 0.7970	Mol % 0 1.73026 8.90982 65.64296 12.2125 6.46695 0.79667	3.2650 1.7810 0.2610	C6	14.696 PSI @ 6 Dry 239.9 Calc GPA Relative Dens 0.864 Molecular W 24.94:	Saturated 1,219.7 culated Total Saturated and Saturated and Saturated Total Saturated and Saturated and Saturated and Saturated Saturat	14.73 PSI Dry 1,242.8 ample Propertia at Contract Condition Relative I 0. Properties mposition 000% C DATA SC	© 60.00 ŰF Saturated 1,222.5 ies ns Density Ideal 8612 C8 - 10.000%
H2S (H2S) Nitrogen (N2) CO2 (CO2) Methane (C1) Ethane (C2) Propane (C3) I-Butane (IC4) N-Butane (NC4)	Mol % 0.0000 1.7300 8.9100 65.6420 12.2130 6.4670 0.7970 1.9880	Mol % 0 1.73026 8.90982 65.64296 12.2125 6.46695 0.79667 1.98836	3.2650 1.7810 0.2610 0.6270	C6 PROTREI Passed	14.696 PSI @ 6 Dry 239.9 Calc GPA Relative Dens 0.864 Molecular W 24.94:	Solution of Saturated 1,219.7 Culated Total Saturated 1,2145-16 *Calculated at the state of the	14.73 PSI Dry 1,242.8 ample Propertia at Contract Condition Relative I 0. Properties mposition 000% C DATA SC	© 60.00 ŰF Saturated 1,222.5 ies ns Density Ideal 8612 C8 - 10.000%

TOTAL

Analyzer Information

100.0000

100.0000

Device Type: Gas Chromatograph Device Make: Shimadzu GC-2014 Device Model: Last Cal Date: Jan 3, 2023 VALIDATOR: Brooke Rush

VALIDATOR COMMENTS:

OK

6.8330

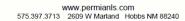


15769G		Golde	en Tee 31 Fed	Fed Com #504 Golden Tee 31			I Fed Com #504
Sample Point Code	Sample Point Code Sample Point Nam		lame		Sample Po	oint Location	
Laboratory Ser	vices	2023062	845	2431		John Brink - :	Spot
Source Laborate	ory	Lab File	No —	Container Identity		Sampler	
USA		USA		USA		New Mexic	О
District		Area Name		Field Name		Facility Name	е
Jan 17, 2023		Jan	17, 2023	Jan 18	, 2023 09:49	Jar	າ 19, 2023
Date Sampled		Date	e Effective	Da	te Received	Da	ate Reported
		0					
Ambient Temp (°F)	Flow Rate (Mcf)	Analys	t	Press PSI @ Temp °F Source Conditions			
				Source community			
Avant Operatir	ng					NG	
Operator					La	b Source Descri	ption
Component	Normalized	Un-Normalized	GPM	1 1	ss Heating Values	-	-
	Mol %	Mol %		14.696 PSI @ Dry	60.00 ŰF Saturated	14.73 PS Dry	I @ 60.00 °F Saturated
H2S (H2S)	0.0000	0		1,259.3	1,238.8	1,262.2	1,241.7
Nitrogen (N2)	0.8920	0.89194		Ca	Ilculated Total Sai	mple Propert	ties
CO2 (CO2)	3.7540	3.75356		GI	PA2145-16 *Calculated at	Contract Condition	ons
Methane (C1)	75.0350	75.03515			Relative Density Real Relative Density 0.7843 0.781		Density Ideal .7815
Ethane (C2)	10.1500	10.14999	2.7140	Molecular Weight		.7015	
Propane (C3)	5.4510	5.45129	1.5010	22.63	356		
I-Butane (IC4)	0.8680	0.86805	0.2840		C6+ Group P Assumed Com	•	
N-Butane (NC4)	1.8490	1.84923	0.5830	C6 - 60.000%		•	C8 - 10.000%
I-Pentane (IC5)	0.5310	0.53099	0.1940	PROTREND STATUS:		DATA S	
N-Pentane (NC5)	0.4360	0.43592	0.1580	Passed By Validato PASSED BY VALIDAT		Import	red
Hexanes Plus (C6+)	1.0340	1.03388	0.4490	First sample taken		position lool	ks reasonable
TOTAL	100.0000	100.0000	5.8830	VALIDATOR:			

Analyzer Information

Device Type: Gas Chromatograph Device Make: Shimadzu GC-2014 Device Model: Last Cal Date: Jan 3, 2023 **VALIDATOR COMMENTS:**

OK





15773G	Golden Tee 31 Fed Com #505	Golden Tee 31 Fed Com #505
Sample Point Code	Sample Point Name	Sample Point Location

Laborato	y Services	2023062849	0799		John Brink - Spot
Source L	aboratory	Lab File No	Container Ide	ntity	Sampler
USA		USA	USA		New Mexico
District		Area Name	Field Name		Facility Name
Jan 17,	2023	Jan 17, 2023		Jan 18, 2023 09:59	Jan 19, 2023
Date San	npled	Date Effective		Date Received	Date Reported
		0			
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst		@ Temp °F Conditions	
Avant Op	perating				NG
Opera	ator	_			Lah Source Description

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	1.2500	1.24997	
CO2 (CO2)	3.9020	3.90221	
Methane (C1)	74.7960	74.79661	
Ethane (C2)	9.7250	9.72496	2.6000
Propane (C3)	5.5020	5.50244	1.5150
I-Butane (IC4)	0.8870	0.88703	0.2900
N-Butane (NC4)	1.8680	1.86782	0.5890
I-Pentane (IC5)	0.5410	0.54088	0.1980
N-Pentane (NC5)	0.4600	0.45955	0.1670
Hexanes Plus (C6+)	1.0690	1.06853	0.4640
TOTAL	100.0000	100.0000	5.8230

Analyzer Information					
Device Type:	Gas Chromatograph	Device Make:	Shimadzu		
Device Model:	GC-2014	Last Cal Date:	Jan 3, 2023		

Gross Heating Values (Real, BTU/ft³)				
14.696 PSI @ 60.00 °F 14.73 PSI @ 60.00 °F				
Dry	Saturated	Dry	Saturated	
1,255.1 1,234.6 1,258.0000 1,237.5				
Calculated Total Sample Properties				
GPA2145-16 *Calculated at Contract Conditions				
Relative D	ensity Real	Relative Der	nsity Ideal	

22.7366	5	
	C6+ Group Properties	
	Assumed Composition	
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

0.7852

PROTREND STATUS: DATA SOURCE: Passed By Validator on Jan 20, 2023 Imported

PASSED BY VALIDATOR REASON:

0.7880 Molecular Weight

First sample taken @ this point, composition looks reasonable

VALIDATOR:

Brooke Rush

www.permianls.com 575.397.3713 2609 W Marland Hobbs NM 88240



15770G		Golde	en Tee 31 Fed	Com #506 Golden Tee 31 Fed Com #			. Fed Com #506	
Sample Point Code		Sample Point Name			Sample Po	oint Location		
Laboratory	y Services	2023062	846	195	3	J	John Brink - S	Spot
Source La	aboratory	Lab File I	No —	Container :	Identity		Sampler	
USA		USA		USA		New Mexico		0
District		Area Name		Field Name			Facility Name	2
Jan 17, 2	2023	Jan	17, 2023		Jan 18, 2	2023 09:52	Jan	n 19, 2023
Date Sam	pled	Date	e Effective		Date	Received	Da	ite Reported
		Luis						
Ambient Temp (°F)	Flow Rate (Mcf)	Analysi	t		SI @ Temp °F ce Conditions			
Avant Ope	erating						NG	
Operat	tor				_	Lal	b Source Descrip	ption
Component	Normalized Mol %	Un-Normalized Mol %	GPM		Gross 14.696 PSI @ 60	Heating Values		/ft³) I @ 60.00 °F
H2S (H2S)	0.0000	0		71.	Dry	Saturated	Dry	Saturated
Nitrogen (N2)	2.4960	2.49511		┪┝┈	1,253.7	1,233.2	1,256.6	1,236.1
CO2 (CO2)	4,2510	4.24887				ulated Total Sar 145-16 *Calculated at		
Methane (C1)	73.1950	73,15693		-	Relative Densit			Density Ideal
. ,	9,3100	9.30499	2.4890	-	0.8061 Molecular We		0.	.8031
Ethane (C2)				_	23.259			
Propane (C3)	5.3340	5.33125	1.4690	4		C6+ Group P	roperties	
I-Butane (IC4)	0.8770	0.87638	0.2870	41		Assumed Com	•	
N-Butane (NC4)	1.9450	1.94371	0.6130		<u> </u>	C7 - 30.00)0% (C8 - 10.000%
I-Pentane (IC5)	0.6250	0.62474	0.2290		END STATUS:		DATA SO	
	2.015			Passed	d By Validator (on Jan 20, 2023	Importe	ed

0.2210

0.5890

5.8970

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

N-Pentane (NC5)

Hexanes Plus (C6+)

TOTAL

Analyzer Information

0.6100

1.3570

100.0000

0.60986

1.35586

99.9477

Device Type: Gas Chromatograph Device Make: Shimadzu GC-2014 Device Model: Last Cal Date: Jan 3, 2023 PASSED BY VALIDATOR REASON:

First sample taken @ this point, composition looks reasonable

VALIDATOR:

Brooke Rush

VALIDATOR COMMENTS:

OK

Received by OCD: 5/10/2023 1:00:29 PM

Device Display Name	Date	24 Hour Gas (mcf)	HP Knockout Gas (mcf)	LP Knockout Gas (mcf)	
Golden Tee #31 CTB	04/17/2022		1324	299	9 1623
Test Separator 1 (Well 302H)	04/17/2022	2091			
Test Separator 2 (Well 301H)	04/17/2022	419			
Test Separator 3 (Well 502H)	04/17/2022	1062			
Test Separator 4 (Well 501H)	04/17/2022	1122			

District I
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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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**

DEFINITIONS

Action 215567

DEFINITIONS

Operator:	OGRID:
Avant Operating, LLC	330396
1515 Wynkoop Street	Action Number:
Denver, CO 80202	215567
	Action Type:
	[C-129] Amend Venting and/or Flaring (C-129A)

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

Action 215567

QUESTIONS

Operator:	OGRID:
Avant Operating, LLC	330396
	Action Number:
Denver, CO 80202	215567
	Action Type:
	[C-129] Amend Venting and/or Flaring (C-129A)
CUESTIONS	

Prerequisites		
Any messages presented in this section, will prevent submission of this application. Please resolve ti	hese issues before continuing with the rest of the questions.	
Incident Operator	[330396] Avant Operating, LLC	
Incident Type	Flare	
Incident Status	Closure Approved	
Incident Well Unavailable.		
Incident Facility	[fAPP2208437966] Golden Tee 31 Fed Com CTB	
Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.		

Determination of Reporting Requirements			
Answer all questions that apply. The Reason(s) statements are calculated based on your answers ar	nd may provide addional 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	70	
Nitrogen (N2) percentage, if greater than one percent	2	
Hydrogen Sulfide (H2S) PPM, rounded up	780	
Carbon Dioxide (C02) percentage, if greater than one percent	8	
Oxygen (02) 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	0	
Nitrogen (N2) percentage quality requirement	2	
Hydrogen Sufide (H2S) PPM quality requirement	1,300	
Carbon Dioxide (C02) percentage quality requirement	12	
Oxygen (02) percentage quality requirement	0	

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 215567

	QUESTIONS ((continued)	
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Operator:	OGRID:
Avant Operating, LLC	330396
1515 Wynkoop Street	Action Number:
Denver, CO 80202	215567
	Action Type:
	[C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

Date(s) and Time(s)		
Date vent or flare was discovered or commenced	04/17/2022	
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: 1,621 Mc Recovered: 0 Mcf Lost: 1,621 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	No
Downstream OGRID that should have notified this operator	0
Date notified of downstream activity requiring this vent or flare	
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	Avant did not have access to surrounding data that would have warned us of the out of spec gas.	
Steps taken to limit the duration and magnitude of vent or flare	Avant started treating gas on surface to send down to stop flaring of the sour gas stream.	
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Avant redesigned facility to start surface treating wells until midstream can get a sour line to location.	

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ACKNOWLEDGMENTS

Action 215567

ACKNOWLEDGMENTS

Operator:	OGRID:
Avant Operating, LLC	330396
1515 Wynkoop Street	Action Number:
Denver, CO 80202	215567
	Action Type:
	[C-129] Amend Venting and/or Flaring (C-129A)

ACKNOWLEDGMENTS

$\overline{\lor}$	I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.
V	I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.
V	I hereby certify the statements in this amending 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.
V	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.
V	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 215567

CONDITIONS

Operator:	OGRID:
Avant Operating, LLC	330396
1515 Wynkoop Street	Action Number:
Denver, CO 80202	215567
	Action Type:
	[C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
tsarantinos	If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	5/10/2023