



No Results Available
Number: 5030-21120362-001A

Midland Laboratory
2200 East I-20
Midland, TX 79706
Phone 432-689-7252

Travis Hutchinson
Franklin Mountain Energy,LLC
2401 East 2nd Avenue
Suite 300
Denver, CO 80206

Dec. 22, 2021

Station Name: JUDGE BAYLOR FED COM 701H
Method: GPA 2286
Cylinder No: 5030-03316

Sampled By: MICHAEL M
Sample Of: Gas Spot
Sample Date: 12/06/2021
Sample Conditions: 76 psig, @ 102 °F

The above-mentioned sample could not be analyzed properly by our laboratory personnel due to:

Sample ran out during purge to GC and valves were in good working condition.

We regret that an analysis could not be performed and recommend that another sample be collected, if appropriate. Please contact us if we can be of any assistance in this matter.

Hydrocarbon Laboratory Manager

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



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Denver, CO 80206

Dec. 22, 2021

Station Name: JUDGE BAYLOR FED COM 701H
Sample Conditions: 76 psig, @ 102 °F
Cylinder No: 5030-03316

Sampled By: MICHAEL M
Sample Of: Gas Spot
Sample Date: 12/06/2021

Analytical Data

Test	Method	Result	Units	Detection Limit	Lab Tech.	Analysis Date
Hydrogen Sulfide	ASTM D-4810	NA				

Comments:

AS-H2SLST: NA = No Results Available: Sample ran out during purge to GC and valves were in good working condition.

Hydrocarbon Laboratory Manager

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Dec. 22, 2021

Station Name: PAUL FOSTER CTB UPSTREAM VALKYRIE
 Method: GPA 2286
 Cylinder No: 5030-02460
 Analyzed: 12/17/2021 13:03:38 by MGN

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021 14:50
 Sample Conditions: 78 psig

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.020	0.028		GPM TOTAL C2+ 8.529
Nitrogen	1.294	1.481		GPM TOTAL C3+ 4.927
Carbon Dioxide	0.517	0.930		GPM TOTAL IC5+ 1.166
Methane	68.776	45.094		
Ethane	13.436	16.511	3.602	
Propane	8.623	15.540	2.381	
Iso-butane	1.138	2.703	0.373	
n-Butane	3.186	7.568	1.007	
Iso-pentane	0.794	2.341	0.291	
n-Pentane	0.848	2.500	0.308	
Hexanes Plus	1.368	5.304	0.567	
	100.000	100.000	8.529	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8484	3.2490
Calculated Molecular Weight	24.47	94.10
Compressibility Factor	0.9950	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1433	5056
Water Sat. Gas Base BTU	1408	4968

Comments: H2S Field Content 200 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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Dec. 22, 2021

Station Name: PAUL FOSTER CTB UPSTREAM VALKYRIE
Method: GPA 2286
Cylinder No: 5030-02460
Analyzed: 12/17/2021 13:03:38 by MGN

Sampled By: MICHAEL M
Sample Of: Gas Spot
Sample Date: 12/06/2021 14:50
Sample Conditions: 78 psig

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia		
Hydrogen Sulfide	0.020	0.028		GPM TOTAL C2+	8.5290
Nitrogen	1.294	1.481		GPM TOTAL C3+	4.9270
Methane	68.776	45.094		GPM TOTAL iC5+	1.1660
Carbon Dioxide	0.517	0.930			
Ethane	13.436	16.511	3.602		
Propane	8.623	15.540	2.381		
Iso-Butane	1.138	2.703	0.373		
n-Butane	3.186	7.568	1.007		
Iso-Pentane	0.794	2.341	0.291		
n-Pentane	0.848	2.500	0.308		
Hexanes	0.506	1.754	0.204		
Heptanes Plus	0.862	3.550	0.363		
	<u>100.000</u>	<u>100.000</u>	<u>8.529</u>		

Calculated Physical Properties	Total	C7+
Relative Density Real Gas	0.8484	3.4300
Calculated Molecular Weight	24.47	99.34
Compressibility Factor	0.9950	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1432.5	5272.0
Water Sat. Gas Base BTU	1407.5	5180.0

Comments: H2S Field Content 200 ppm

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Station Name: PAUL FOSTER CTB UPSTREAM VALKYRIE
 Method: GPA 2286
 Cylinder No: 5030-02460
 Analyzed: 12/17/2021 13:03:38 by MGN

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021 14:50
 Sample Conditions: 78 psig

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.020	0.028	GPM TOTAL C2+ 8.529	
Nitrogen	1.294	1.481		
Carbon Dioxide	0.517	0.930		
Methane	68.776	45.094		
Ethane	13.436	16.511	3.602	
Propane	8.623	15.540	2.381	
Iso-Butane	1.138	2.703	0.373	
n-Butane	3.186	7.568	1.007	
Iso-Pentane	0.794	2.341	0.291	
n-Pentane	0.848	2.500	0.308	
i-Hexanes	0.319	1.091	0.127	
n-Hexane	0.187	0.663	0.077	
Benzene	0.061	0.195	0.017	
Cyclohexane	0.123	0.423	0.042	
i-Heptanes	0.204	0.835	0.089	
n-Heptane	0.084	0.347	0.039	
Toluene	0.029	0.110	0.010	
i-Octanes	0.274	1.178	0.120	
n-Octane	0.031	0.142	0.016	
Ethylbenzene	0.012	0.049	0.005	
Xylenes	0.004	0.016	0.002	
i-Nonanes	0.022	0.130	0.012	
n-Nonane	0.005	0.025	0.003	
Decane Plus	0.013	0.100	0.008	
	<u>100.000</u>	<u>100.000</u>	<u>8.529</u>	

Calculated Physical Properties	Total	C10+
Relative Density Real Gas	0.8484	4.6226
Calculated Molecular Weight	24.47	133.88
Compressibility Factor	0.9950	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.696 psia & 60°F		
Real Gas Dry BTU	1432.5	7055.5
Water Sat. Gas Base BTU	1407.5	6898.1

Comments: H2S Field Content 200 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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Dec. 22, 2021

Station Name: KASTON 703H
 Method: GPA 2286
 Cylinder No: 5030-01181
 Analyzed: 12/17/2021 12:33:37 by MGN

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021 11:56
 Sample Conditions: 81 psig, @ 100.5 °F

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia		
Hydrogen Sulfide	0.010	0.015		GPM TOTAL C2+	6.970
Nitrogen	1.388	1.727		GPM TOTAL C3+	3.541
Carbon Dioxide	0.404	0.790		GPM TOTAL IC5+	0.727
Methane	73.746	52.544			
Ethane	12.801	17.096	3.429		
Propane	6.837	13.390	1.887		
Iso-butane	0.791	2.042	0.259		
n-Butane	2.115	5.460	0.668		
Iso-pentane	0.493	1.580	0.181		
n-Pentane	0.518	1.660	0.188		
Hexanes Plus	0.897	3.696	0.358		
	100.000	100.000	6.970		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7798	3.1446
Calculated Molecular Weight	22.52	91.08
Compressibility Factor	0.9959	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1328	4879
Water Sat. Gas Base BTU	1305	4794

Comments: H2S Field Content 100 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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 Method: GPA 2286
 Cylinder No: 5030-01181
 Analyzed: 12/17/2021 12:33:37 by MGN

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021 11:56
 Sample Conditions: 81 psig, @ 100.5 °F

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.010	0.015		GPM TOTAL C2+ 6.9700
Nitrogen	1.388	1.727		GPM TOTAL C3+ 3.5410
Methane	73.746	52.544		GPM TOTAL IC5+ 0.7270
Carbon Dioxide	0.404	0.790		
Ethane	12.801	17.096	3.429	
Propane	6.837	13.390	1.887	
Iso-Butane	0.791	2.042	0.259	
n-Butane	2.115	5.460	0.668	
Iso-Pentane	0.493	1.580	0.181	
n-Pentane	0.518	1.660	0.188	
Hexanes	0.365	1.396	0.149	
Heptanes Plus	0.532	2.300	0.209	
	100.000	100.000	6.970	

Calculated Physical Properties	Total	C7+
Relative Density Real Gas	0.7798	3.2875
Calculated Molecular Weight	22.52	95.21
Compressibility Factor	0.9959	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1327.9	5012.5
Water Sat. Gas Base BTU	1304.7	4925.0

Comments: H2S Field Content 100 ppm

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Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021 11:56
 Sample Conditions: 81 psig, @ 100.5 °F

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.010	0.015		GPM TOTAL C2+ 6.970
Nitrogen	1.388	1.727		
Carbon Dioxide	0.404	0.790		
Methane	73.746	52.544		
Ethane	12.801	17.096	3.429	
Propane	6.837	13.390	1.887	
Iso-Butane	0.791	2.042	0.259	
n-Butane	2.115	5.460	0.668	
Iso-Pentane	0.493	1.580	0.181	
n-Pentane	0.518	1.660	0.188	
i-Hexanes	0.227	0.869	0.092	
n-Hexane	0.138	0.527	0.057	
Benzene	0.055	0.191	0.015	
Cyclohexane	0.074	0.281	0.026	
i-Heptanes	0.166	0.690	0.067	
n-Heptane	0.042	0.185	0.019	
Toluene	0.043	0.179	0.015	
i-Octanes	0.099	0.461	0.043	
n-Octane	0.012	0.060	0.006	
Ethylbenzene	0.004	0.020	0.002	
Xylenes	0.009	0.043	0.004	
i-Nonanes	0.016	0.105	0.007	
n-Nonane	0.004	0.023	0.002	
Decane Plus	0.008	0.062	0.003	
	<u>100.000</u>	<u>100.000</u>	<u>6.970</u>	

Calculated Physical Properties	Total	C10+
Relative Density Real Gas	0.7798	4.2891
Calculated Molecular Weight	22.52	124.22
Compressibility Factor	0.9959	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.696 psia & 60°F		
Real Gas Dry BTU	1327.9	6466.1
Water Sat. Gas Base BTU	1304.7	6327.1

Comments: H2S Field Content 100 ppm

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Dec. 22, 2021

Station Name: BUS DRIVER FED COM 702H
Method: GPA 2286
Cylinder No: 5030-02851
Analyzed: 12/17/2021 13:32:49 by MGN

Sampled By: MICHAEL M
Sample Of: Gas Spot
Sample Date: 12/06/2021 12:56
Sample Conditions: 93 psig, @ 118 °F

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.010	0.015		GPM TOTAL C2+ 7.510
Nitrogen	1.395	1.685		GPM TOTAL C3+ 4.011
Carbon Dioxide	0.396	0.752		GPM TOTAL IC5+ 0.907
Methane	72.026	49.829		
Ethane	13.061	16.937	3.499	
Propane	7.401	14.074	2.043	
Iso-butane	0.883	2.213	0.289	
n-Butane	2.444	6.126	0.772	
Iso-pentane	0.588	1.830	0.215	
n-Pentane	0.636	1.979	0.231	
Hexanes Plus	1.160	4.560	0.461	
	100.000	100.000	7.510	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8036	3.1217
Calculated Molecular Weight	23.19	90.41
Compressibility Factor	0.9956	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1365	4845
Water Sat. Gas Base BTU	1341	4761

Comments: H2S Field Content 100 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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Station Name: BUS DRIVER FED COM 702H
 Method: GPA 2286
 Cylinder No: 5030-02851
 Analyzed: 12/17/2021 13:32:49 by MGN

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021 12:56
 Sample Conditions: 93 psig, @ 118 °F

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.010	0.015		GPM TOTAL C2+ 7.5100
Nitrogen	1.395	1.685		GPM TOTAL C3+ 4.0110
Methane	72.026	49.829		GPM TOTAL iC5+ 0.9070
Carbon Dioxide	0.396	0.752		
Ethane	13.061	16.937	3.499	
Propane	7.401	14.074	2.043	
Iso-Butane	0.883	2.213	0.289	
n-Butane	2.444	6.126	0.772	
Iso-Pentane	0.588	1.830	0.215	
n-Pentane	0.636	1.979	0.231	
Hexanes	0.493	1.812	0.199	
Heptanes Plus	0.667	2.748	0.262	
	<u>100.000</u>	<u>100.000</u>	<u>7.510</u>	

Calculated Physical Properties	Total	C7+
Relative Density Real Gas	0.8036	3.2549
Calculated Molecular Weight	23.19	94.27
Compressibility Factor	0.9956	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1364.6	4959.6
Water Sat. Gas Base BTU	1340.8	4873.1

Comments: H2S Field Content 100 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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 Sample Date: 12/06/2021 12:56
 Sample Conditions: 93 psig, @ 118 °F

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.010	0.015		GPM TOTAL C2+ 7.510
Nitrogen	1.395	1.685		
Carbon Dioxide	0.396	0.752		
Methane	72.026	49.829		
Ethane	13.061	16.937	3.499	
Propane	7.401	14.074	2.043	
Iso-Butane	0.883	2.213	0.289	
n-Butane	2.444	6.126	0.772	
Iso-Pentane	0.588	1.830	0.215	
n-Pentane	0.636	1.979	0.231	
i-Hexanes	0.308	1.123	0.123	
n-Hexane	0.185	0.689	0.076	
Benzene	0.077	0.261	0.022	
Cyclohexane	0.104	0.376	0.035	
i-Heptanes	0.215	0.860	0.087	
n-Heptane	0.051	0.221	0.023	
Toluene	0.053	0.212	0.018	
i-Octanes	0.119	0.540	0.053	
n-Octane	0.013	0.065	0.007	
Ethylbenzene	0.004	0.018	0.002	
Xylenes	0.008	0.034	0.003	
i-Nonanes	0.012	0.089	0.006	
n-Nonane	0.003	0.016	0.002	
Decane Plus	0.008	0.056	0.004	
	100.000	100.000	7.510	

Calculated Physical Properties	Total	C10+
Relative Density Real Gas	0.8036	4.2891
Calculated Molecular Weight	23.19	124.22
Compressibility Factor	0.9956	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1364.6	6468.0
Water Sat. Gas Base BTU	1340.8	6327.1

Comments: H2S Field Content 100 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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Dec. 22, 2021

Station Name: KASTON 603H
 Method: GPA 2286
 Cylinder No: 5030-00999
 Analyzed: 12/17/2021 12:33:45 by MGN

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021 11:30
 Sample Conditions: 93 psig, @ 95 °F

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.080	0.118		GPM TOTAL C2+ 7.013
Nitrogen	1.373	1.671		GPM TOTAL C3+ 3.789
Carbon Dioxide	1.098	2.099		GPM TOTAL IC5+ 0.891
Methane	73.118	50.963		
Ethane	12.034	15.721	3.224	
Propane	6.808	13.043	1.879	
Iso-butane	0.867	2.189	0.284	
n-Butane	2.328	5.879	0.735	
Iso-pentane	0.588	1.843	0.215	
n-Pentane	0.626	1.962	0.227	
Hexanes Plus	1.080	4.512	0.449	
	100.000	100.000	7.013	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7977	3.3083
Calculated Molecular Weight	23.02	95.82
Compressibility Factor	0.9957	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1337	5130
Water Sat. Gas Base BTU	1314	5041

Comments: H2S Field Content 800 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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Analyzed: 12/17/2021 12:33:45 by MGN

Sampled By: MICHAEL M
Sample Of: Gas Spot
Sample Date: 12/06/2021 11:30
Sample Conditions: 93 psig, @ 95 °F

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.080	0.118		
Nitrogen	1.373	1.671		
Methane	73.118	50.963		
Carbon Dioxide	1.098	2.099		
Ethane	12.034	15.721	3.224	
Propane	6.808	13.043	1.879	
Iso-Butane	0.867	2.189	0.284	
n-Butane	2.328	5.879	0.735	
Iso-Pentane	0.588	1.843	0.215	
n-Pentane	0.626	1.962	0.227	
Hexanes	0.312	1.145	0.126	
Heptanes Plus	0.768	3.367	0.323	
	<u>100.000</u>	<u>100.000</u>	<u>7.013</u>	

Calculated Physical Properties	Total	C7+
Relative Density Real Gas	0.7977	3.4562
Calculated Molecular Weight	23.02	100.10
Compressibility Factor	0.9957	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1337.1	5307.9
Water Sat. Gas Base BTU	1313.8	5215.3

Comments: H₂S Field Content 800 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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



Certificate of Analysis

Number: 5030-21120362-005A

Midland Laboratory
 2200 East I-20
 Midland, TX 79706
 Phone 432-689-7252

Travis Hutchinson
 Franklin Mountain Energy,LLC
 2401 East 2nd Avenue
 Suite 300
 Denver, CO 80206

Dec. 22, 2021

Station Name: KASTON 603H
 Method: GPA 2286
 Cylinder No: 5030-00999
 Analyzed: 12/17/2021 12:33:45 by MGN

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021 11:30
 Sample Conditions: 93 psig, @ 95 °F

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.080	0.118		
Nitrogen	1.373	1.671		
Carbon Dioxide	1.098	2.099		
Methane	73.118	50.963		
Ethane	12.034	15.721	3.224	
Propane	6.808	13.043	1.879	
Iso-Butane	0.867	2.189	0.284	
n-Butane	2.328	5.879	0.735	
Iso-Pentane	0.588	1.843	0.215	
n-Pentane	0.626	1.962	0.227	
i-Hexanes	0.195	0.708	0.078	
n-Hexane	0.117	0.437	0.048	
Benzene	0.044	0.148	0.012	
Cyclohexane	0.088	0.324	0.030	
i-Heptanes	0.208	0.849	0.086	
n-Heptane	0.062	0.272	0.029	
Toluene	0.028	0.110	0.009	
i-Octanes	0.214	0.993	0.096	
n-Octane	0.035	0.177	0.018	
Ethylbenzene	0.017	0.078	0.006	
Xylenes	0.011	0.055	0.004	
i-Nonanes	0.030	0.170	0.015	
n-Nonane	0.006	0.035	0.004	
Decane Plus	0.025	0.156	0.014	
	<u>100.000</u>	<u>100.000</u>	<u>7.013</u>	
				GPM TOTAL C2+ 7.013

Calculated Physical Properties	Total	C10+
Relative Density Real Gas	0.7977	4.7131
Calculated Molecular Weight	23.02	136.50
Compressibility Factor	0.9957	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1337.1	7214.2
Water Sat. Gas Base BTU	1313.8	7058.1

Comments: H2S Field Content 800 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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



Certificate of Analysis

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 Suite 300
 Denver, CO 80206

Dec. 22, 2021

Station Name: BUS DRIVER FED COM 602H
 Method: GPA 2286
 Cylinder No: 5030-03470
 Analyzed: 12/17/2021 13:32:39 by MGN

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021 12:30
 Sample Conditions: 76 psig, @ 76 °F

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia		
Hydrogen Sulfide	0.030	0.044		GPM TOTAL C2+	7.193
Nitrogen	1.382	1.681		GPM TOTAL C3+	3.849
Carbon Dioxide	0.732	1.399		GPM TOTAL IC5+	0.888
Methane	72.853	50.749			
Ethane	12.481	16.295	3.344		
Propane	7.002	13.406	1.932		
Iso-butane	0.879	2.218	0.288		
n-Butane	2.345	5.918	0.741		
Iso-pentane	0.580	1.817	0.212		
n-Pentane	0.613	1.920	0.223		
Hexanes Plus	1.103	4.553	0.453		
	100.000	100.000	7.193		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7982	3.2711
Calculated Molecular Weight	23.03	94.74
Compressibility Factor	0.9957	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1348	5064
Water Sat. Gas Base BTU	1324	4975

Comments: H2S Field Content 300 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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



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Dec. 22, 2021

Station Name: BUS DRIVER FED COM 602H
 Method: GPA 2286
 Cylinder No: 5030-03470
 Analyzed: 12/17/2021 13:32:39 by MGN

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021 12:30
 Sample Conditions: 76 psig, @ 76 °F

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.030	0.044	GPM TOTAL C2+	7.1930
Nitrogen	1.382	1.681	GPM TOTAL C3+	3.8490
Methane	72.853	50.749	GPM TOTAL IC5+	0.8880
Carbon Dioxide	0.732	1.399		
Ethane	12.481	16.295	3.344	
Propane	7.002	13.406	1.932	
Iso-Butane	0.879	2.218	0.288	
n-Butane	2.345	5.918	0.741	
Iso-Pentane	0.580	1.817	0.212	
n-Pentane	0.613	1.920	0.223	
Hexanes	0.381	1.398	0.153	
Heptanes Plus	0.722	3.155	0.300	
	100.000	100.000	7.193	

Calculated Physical Properties	Total	C7+
Relative Density Real Gas	0.7982	3.4424
Calculated Molecular Weight	23.03	99.70
Compressibility Factor	0.9957	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1347.6	5256.7
Water Sat. Gas Base BTU	1324.1	5165.0

Comments: H2S Field Content 300 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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



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Dec. 22, 2021

Station Name: BUS DRIVER FED COM 602H
 Method: GPA 2286
 Cylinder No: 5030-03470
 Analyzed: 12/17/2021 13:32:39 by MGN

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021 12:30
 Sample Conditions: 76 psig, @ 76 °F

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.030	0.044		GPM TOTAL C2+ 7.193
Nitrogen	1.382	1.681		
Carbon Dioxide	0.732	1.399		
Methane	72.853	50.749		
Ethane	12.481	16.295	3.344	
Propane	7.002	13.406	1.932	
Iso-Butane	0.879	2.218	0.288	
n-Butane	2.345	5.918	0.741	
Iso-Pentane	0.580	1.817	0.212	
n-Pentane	0.613	1.920	0.223	
i-Hexanes	0.231	0.843	0.092	
n-Hexane	0.150	0.555	0.061	
Benzene	0.067	0.226	0.019	
Cyclohexane	0.107	0.393	0.036	
i-Heptanes	0.119	0.508	0.052	
n-Heptane	0.057	0.248	0.026	
Toluene	0.055	0.217	0.018	
i-Octanes	0.206	0.964	0.094	
n-Octane	0.034	0.168	0.017	
Ethylbenzene	0.015	0.066	0.006	
Xylenes	0.010	0.049	0.004	
i-Nonanes	0.026	0.148	0.013	
n-Nonane	0.007	0.039	0.004	
Decane Plus	0.019	0.129	0.011	
	<u>100.000</u>	<u>100.000</u>	<u>7.193</u>	

Calculated Physical Properties	Total	C10+
Relative Density Real Gas	0.7982	4.6316
Calculated Molecular Weight	23.03	134.14
Compressibility Factor	0.9957	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1347.6	7090.2
Water Sat. Gas Base BTU	1324.1	6936.5

Comments: H2S Field Content 300 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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



Certificate of Analysis

Number: 5030-21120362-007A

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Travis Hutchinson
 Franklin Mountain Energy,LLC
 2401 East 2nd Avenue
 Suite 300
 Denver, CO 80206

Dec. 22, 2021

Station Name: PAUL FOSTER CTB SALES LINE
 Method: GPA 2286
 Cylinder No: 5030-01835
 Analyzed: 12/17/2021 13:03:33 by MGN

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021 14:38
 Sample Conditions: 39 psig

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.000	0.000		GPM TOTAL C2+ 8.829
Nitrogen	1.298	1.456		GPM TOTAL C3+ 5.213
Carbon Dioxide	0.558	0.984		GPM TOTAL IC5+ 1.385
Methane	67.876	43.611		
Ethane	13.486	16.240	3.616	
Propane	8.725	15.408	2.410	
Iso-butane	1.163	2.707	0.382	
n-Butane	3.277	7.628	1.036	
Iso-pentane	0.832	2.404	0.305	
n-Pentane	0.903	2.609	0.328	
Hexanes Plus	1.882	6.953	0.752	
	100.000	100.000	8.829	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8656	3.1460
Calculated Molecular Weight	24.97	91.12
Compressibility Factor	0.9948	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1457	4877
Water Sat. Gas Base BTU	1432	4792

Comments: H2S Field Content 0 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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



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Dec. 22, 2021

Station Name: PAUL FOSTER CTB SALES LINE
 Method: GPA 2286
 Cylinder No: 5030-01835
 Analyzed: 12/17/2021 13:03:33 by MGN

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021 14:38
 Sample Conditions: 39 psig

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.000	0.000		GPM TOTAL C2+ 8.8290
Nitrogen	1.298	1.456		GPM TOTAL C3+ 5.2130
Methane	67.876	43.611		GPM TOTAL IC5+ 1.3850
Carbon Dioxide	0.558	0.984		
Ethane	13.486	16.240	3.616	
Propane	8.725	15.408	2.410	
Iso-Butane	1.163	2.707	0.382	
n-Butane	3.277	7.628	1.036	
Iso-Pentane	0.832	2.404	0.305	
n-Pentane	0.903	2.609	0.328	
Hexanes	0.728	2.502	0.297	
Heptanes Plus	1.154	4.451	0.455	
	100.000	100.000	8.829	

Calculated Physical Properties	Total	C7+
Relative Density Real Gas	0.8656	3.2765
Calculated Molecular Weight	24.97	94.90
Compressibility Factor	0.9948	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1457.3	4995.3
Water Sat. Gas Base BTU	1431.9	4908.2

Comments: H2S Field Content 0 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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



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Dec. 22, 2021

Station Name: PAUL FOSTER CTB SALES LINE
 Method: GPA 2286
 Cylinder No: 5030-01835
 Analyzed: 12/17/2021 13:03:33 by MGN

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021 14:38
 Sample Conditions: 39 psig

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.000	0.000	GPM TOTAL C2+ 8.829	
Nitrogen	1.298	1.456		
Carbon Dioxide	0.558	0.984		
Methane	67.876	43.611		
Ethane	13.486	16.240	3.616	
Propane	8.725	15.408	2.410	
Iso-Butane	1.163	2.707	0.382	
n-Butane	3.277	7.628	1.036	
Iso-Pentane	0.832	2.404	0.305	
n-Pentane	0.903	2.609	0.328	
i-Hexanes	0.449	1.535	0.181	
n-Hexane	0.279	0.967	0.116	
Benzene	0.114	0.358	0.032	
Cyclohexane	0.169	0.576	0.058	
i-Heptanes	0.351	1.319	0.143	
n-Heptane	0.096	0.388	0.045	
Toluene	0.105	0.388	0.036	
i-Octanes	0.231	0.966	0.100	
n-Octane	0.023	0.103	0.012	
Ethylbenzene	0.007	0.032	0.003	
Xylenes	0.014	0.066	0.005	
i-Nonanes	0.021	0.125	0.010	
n-Nonane	0.005	0.026	0.003	
Decane Plus	0.018	0.104	0.008	
	100.000	100.000	8.829	

Calculated Physical Properties	Total	C10+
Relative Density Real Gas	0.8656	4.4428
Calculated Molecular Weight	24.97	128.67
Compressibility Factor	0.9948	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.696 psia & 60°F		
Real Gas Dry BTU	1457.3	6697.1
Water Sat. Gas Base BTU	1431.9	6546.0

Comments: H2S Field Content 0 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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



Certificate of Analysis

Number: 5030-21120362-008A

Midland Laboratory
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 Midland, TX 79706
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Travis Hutchinson
 Franklin Mountain Energy,LLC
 2401 East 2nd Avenue
 Suite 300
 Denver, CO 80206

Dec. 22, 2021

Station Name: PAUL FOSTER CTB VRU DISCHARGE
 Method: GPA 2286
 Cylinder No: 1111-002507
 Analyzed: 12/17/2021 12:33:45 by MGN

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021 15:00
 Sample Conditions: 70 psig

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.020	0.017	GPM TOTAL C2+	24.768
Nitrogen	0.055	0.038	GPM TOTAL C3+	17.750
Carbon Dioxide	0.435	0.474	GPM TOTAL IC5+	1.572
Methane	14.297	5.684		
Ethane	25.918	19.312	7.018	
Propane	36.184	39.538	10.093	
Iso-butane	5.166	7.441	1.712	
n-Butane	13.701	19.734	4.373	
Iso-pentane	2.002	3.579	0.741	
n-Pentane	1.657	2.963	0.608	
Hexanes Plus	0.565	1.220	0.223	
	100.000	100.000	24.768	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	1.4136	2.9783
Calculated Molecular Weight	40.35	86.26
Compressibility Factor	0.9852	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	2336	4658
Water Sat. Gas Base BTU	2295	4577

Comments: H2S Field Content 200 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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



Certificate of Analysis

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 Denver, CO 80206

Dec. 22, 2021

Station Name: PAUL FOSTER CTB VRU DISCHARGE
 Method: GPA 2286
 Cylinder No: 1111-002507
 Analyzed: 12/17/2021 12:33:45 by MGN

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021 15:00
 Sample Conditions: 70 psig

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.020	0.017	GPM TOTAL C2+	24.7680
Nitrogen	0.055	0.038	GPM TOTAL C3+	17.7500
Methane	14.297	5.684	GPM TOTAL IC5+	1.5720
Carbon Dioxide	0.435	0.474		
Ethane	25.918	19.312	7.018	
Propane	36.184	39.538	10.093	
Iso-Butane	5.166	7.441	1.712	
n-Butane	13.701	19.734	4.373	
Iso-Pentane	2.002	3.579	0.741	
n-Pentane	1.657	2.963	0.608	
Hexanes	0.349	0.748	0.144	
Heptanes Plus	0.216	0.472	0.079	
	100.000	100.000	24.768	

Calculated Physical Properties	Total	C7+
Relative Density Real Gas	1.4136	3.0599
Calculated Molecular Weight	40.35	88.62
Compressibility Factor	0.9852	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	2336.1	4641.0
Water Sat. Gas Base BTU	2295.3	4560.0

Comments: H2S Field Content 200 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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



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Dec. 22, 2021

Station Name: PAUL FOSTER CTB VRU DISCHARGE
 Method: GPA 2286
 Cylinder No: 1111-002507
 Analyzed: 12/17/2021 12:33:45 by MGN

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021 15:00
 Sample Conditions: 70 psig

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.020	0.017		GPM TOTAL C2+ 24.768
Nitrogen	0.055	0.038		
Carbon Dioxide	0.435	0.474		
Methane	14.297	5.684		
Ethane	25.918	19.312	7.018	
Propane	36.184	39.538	10.093	
Iso-Butane	5.166	7.441	1.712	
n-Butane	13.701	19.734	4.373	
Iso-Pentane	2.002	3.579	0.741	
n-Pentane	1.657	2.963	0.608	
i-Hexanes	0.240	0.510	0.098	
n-Hexane	0.109	0.238	0.046	
Benzene	0.040	0.080	0.012	
Cyclohexane	0.045	0.096	0.016	
i-Heptanes	0.084	0.192	0.034	
n-Heptane	0.010	0.025	0.005	
Toluene	0.009	0.020	0.003	
i-Octanes	0.022	0.050	0.008	
n-Octane	0.001	0.003	0.001	
Ethylbenzene	0.001	0.001	0.000	
Xylenes	0.002	0.003	0.000	
i-Nonanes	0.001	0.001	0.000	
n-Nonane	0.001	0.001	0.000	
Decane Plus	0.000	0.000	0.000	
	<u>100.000</u>	<u>100.000</u>	<u>24.768</u>	

Calculated Physical Properties **Total**
 Relative Density Real Gas 1.4136
 Calculated Molecular Weight 40.35
 Compressibility Factor 0.9852

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU 2336.1
 Water Sat. Gas Base BTU 2295.3

Comments: H2S Field Content 200 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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



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 2401 East 2nd Avenue
 Suite 300
 Denver, CO 80206

Dec. 22, 2021

Station Name: JUDGE BAYLOR FED COM 601H
 Method: GPA 2286
 Cylinder No: 5030-03650
 Analyzed: 12/17/2021 17:07:46 by ARP

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021
 Sample Conditions: 89 psig, @ 105 °F

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.030	0.044	GPM TOTAL C2+	7.525
Nitrogen	1.932	2.324	GPM TOTAL C3+	3.991
Carbon Dioxide	0.708	1.338	GPM TOTAL IC5+	0.838
Methane	71.039	48.931		
Ethane	13.192	17.031	3.534	
Propane	7.507	14.213	2.072	
Iso-butane	0.939	2.343	0.308	
n-Butane	2.447	6.106	0.773	
Iso-pentane	0.586	1.815	0.215	
n-Pentane	0.613	1.899	0.223	
Hexanes Plus	1.007	3.956	0.400	
	100.000	100.000	7.525	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8070	3.1189
Calculated Molecular Weight	23.29	90.33
Compressibility Factor	0.9956	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1353	4838
Water Sat. Gas Base BTU	1329	4753

Comments: H2S Field Content 300 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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



Certificate of Analysis

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Dec. 22, 2021

Station Name: JUDGE BAYLOR FED COM 601H
 Method: GPA 2286
 Cylinder No: 5030-03650
 Analyzed: 12/17/2021 17:07:46 by ARP

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021
 Sample Conditions: 89 psig, @ 105 °F

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.030	0.044		GPM TOTAL C2+ 7.5250
Nitrogen	1.932	2.324		GPM TOTAL C3+ 3.9910
Methane	71.039	48.931		GPM TOTAL iC5+ 0.8380
Carbon Dioxide	0.708	1.338		
Ethane	13.192	17.031	3.534	
Propane	7.507	14.213	2.072	
Iso-Butane	0.939	2.343	0.308	
n-Butane	2.447	6.106	0.773	
Iso-Pentane	0.586	1.815	0.215	
n-Pentane	0.613	1.899	0.223	
Hexanes	0.411	1.515	0.168	
Heptanes Plus	0.596	2.441	0.232	
	100.000	100.000	7.525	

Calculated Physical Properties	Total	C7+
Relative Density Real Gas	0.8070	3.2426
Calculated Molecular Weight	23.29	93.91
Compressibility Factor	0.9956	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1353.0	4940.9
Water Sat. Gas Base BTU	1329.4	4854.7

Comments: H2S Field Content 300 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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



Certificate of Analysis

Number: 5030-21120362-009A

Midland Laboratory
 2200 East I-20
 Midland, TX 79706
 Phone 432-689-7252

Travis Hutchinson
 Franklin Mountain Energy,LLC
 2401 East 2nd Avenue
 Suite 300
 Denver, CO 80206

Dec. 22, 2021

Station Name: JUDGE BAYLOR FED COM 601H
 Method: GPA 2286
 Cylinder No: 5030-03650
 Analyzed: 12/17/2021 17:07:46 by ARP

Sampled By: MICHAEL M
 Sample Of: Gas Spot
 Sample Date: 12/06/2021
 Sample Conditions: 89 psig, @ 105 °F

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.030	0.044		GPM TOTAL C2+ 7.525
Nitrogen	1.932	2.324		
Carbon Dioxide	0.708	1.338		
Methane	71.039	48.931		
Ethane	13.192	17.031	3.534	
Propane	7.507	14.213	2.072	
Iso-Butane	0.939	2.343	0.308	
n-Butane	2.447	6.106	0.773	
Iso-Pentane	0.586	1.815	0.215	
n-Pentane	0.613	1.899	0.223	
i-Hexanes	0.255	0.932	0.103	
n-Hexane	0.156	0.583	0.065	
Benzene	0.064	0.213	0.018	
Cyclohexane	0.099	0.359	0.034	
i-Heptanes	0.177	0.717	0.072	
n-Heptane	0.045	0.194	0.021	
Toluene	0.054	0.214	0.018	
i-Octanes	0.117	0.523	0.051	
n-Octane	0.013	0.064	0.007	
Ethylbenzene	0.004	0.017	0.001	
Xylenes	0.007	0.032	0.003	
i-Nonanes	0.014	0.078	0.006	
n-Nonane	0.002	0.009	0.001	
Decane Plus	0.000	0.021	0.000	
	<u>100.000</u>	<u>100.000</u>	<u>7.525</u>	

Calculated Physical Properties	Total	C10+
Relative Density Real Gas	0.8070	0.0000
Calculated Molecular Weight	23.29	0.00
Compressibility Factor	0.9956	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1353.0	0.000
Water Sat. Gas Base BTU	1329.4	0.000

Comments: H2S Field Content 300 ppm

Data reviewed by: Raymond Bradford, Laboratory Manager

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

Facility ID	
	fAPP2125739207 - Paul Foster CTB
Date/Time Flaring/Venting Began:	
	2023-09-29 22:57:00
Date/Time Flaring/Venting Ended:	
	2023-09-29 23:04:00
Cumulative Hours Of Event:	
	0.13
Total (MCF)	
	16.08
Index	
	2583

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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 272004

DEFINITIONS

Operator: Franklin Mountain Energy LLC 44 Cook Street, Suite 1000 Denver, CO 80206	OGRID: 373910
	Action Number: 272004
	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

Action 272004

QUESTIONS

Operator: Franklin Mountain Energy LLC 44 Cook Street, Suite 1000 Denver, CO 80206	OGRID: 373910
	Action Number: 272004
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites	
<i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	Unavailable.
Incident Facility	[fAPP2125739207] Paul Foster CTB

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 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	No
Is this considered a submission for a vent or flare event	N/A, not enough information to determine severity: <ul style="list-style-type: none"> • not "at least 50 MCF"; • not "the release of any liquids"; • and less than minor venting and/or flaring of natural gas volumes reported.
<i>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.</i>	
Was there at least 50 MCF of natural gas vented and/or flared during this event	No
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 within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	Not answered.
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	68
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	1
Carbon Dioxide (CO2) percentage, if greater than one percent	0
Oxygen (O2) percentage, if greater than one percent	0
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
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 272004

QUESTIONS (continued)

Operator: Franklin Mountain Energy LLC 44 Cook Street, Suite 1000 Denver, CO 80206	OGRID: 373910
	Action Number: 272004
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	09/29/2023
Time vent or flare was discovered or commenced	10:57 PM
Time vent or flare was terminated	11:04 PM
Cumulative hours during this event	0

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure Gas Plant Natural Gas Flared Released: 16 Mcf Recovered: 0 Mcf Lost: 16 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	Yes
Was notification of downstream activity received by this operator	No
Downstream OGRID that should have notified this operator	[330718] Pinon Midstream LLC
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	Train 1 had foaming issues. Train two lost amine circulation. H2S and O2 sent to sales point
Steps taken to limit the duration and magnitude of vent or flare	Send volumes to available systems
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Follow up with Pinon and their process on pushing operators out that are sending O2

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ACKNOWLEDGMENTS

Action 272004

ACKNOWLEDGMENTS

Operator: Franklin Mountain Energy LLC 44 Cook Street, Suite 1000 Denver, CO 80206	OGRID: 373910
	Action Number: 272004
	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 272004

CONDITIONS

Operator: Franklin Mountain Energy LLC 44 Cook Street, Suite 1000 Denver, CO 80206	OGRID: 373910
	Action Number: 272004
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
chris coviello	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.	10/3/2023