



Certificate of Analysis

Number: 6030-21100044-002A

Artesia Laboratory

200 E Main St.

Artesia, NM 88210

Phone 575-746-3481

Travis Hutchinson
Franklin Mountain Energy
44 Cook St
Suite 1000
Denver, CO 80206

Oct. 13, 2021

Station Name: Carnival CTB Sales
Station Number: 14790
Station Location: Franklin Mountain
Sample Point: Meter Run
Instrument: 6030_GC2 (Agilent GC-7890B)
Last Inst. Cal.: 09/13/2021 14:54 PM
Analyzed: 10/12/2021 06:38:31 by KNF

Sampled By: Michael Mirabal
Sample Of: Gas Spot
Sample Date: 10/04/2021 02:51
Sample Conditions: 102 psia, @ 117 °F
Effective Date: 10/04/2021 02:51
Method: GPA 2286
Cylinder No: 5030-04978

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.000	0.03000	0.046		GPM TOTAL C2+ 6.454
Nitrogen	1.403	1.42800	1.795		GPM TOTAL C3+ 3.316
Methane	73.528	74.85900	53.881		GPM TOTAL iC5+ 0.699
Carbon Dioxide	1.069	1.08800	2.148		
Ethane	11.509	11.71700	15.807	3.138	
Propane	6.029	6.13800	12.144	1.693	
Iso-butane	0.853	0.86800	2.264	0.284	
n-Butane					



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Oct. 13, 2021

Station Name: Carnival CTB Sales
Station Number: 14790
Station Location: Franklin Mountain
Sample Point: Meter Run
Analyzed: 10/12/2021 07:47:10 by KNFSampled By: Michael Mirabal
Sample Of: Gas Spot
Sample Date: 10/04/2021 02:51
Sample Conditions: 102 psia, @ 117 °F
Method: GPA 2286
Cylinder No: 5030-04978

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.696 psia
Hydrogen Sulfide	0.030	0.046	
Nitrogen	1.428	1.795	
Methane	74.859	53.881	
Carbon Dioxide	1.088	2.148	
Ethane	11.717	15.807	3.138
Propane	6.138	12.144	1.693
Iso-Butane	0.868	2.264	0.284
n-Butane	2.028	5.289	0.640
Iso-Pentane	0.589	1.907	0.216
n-Pentane	0.485	1.570	0.176
i-Hexanes	0.209	0.797	0.084
n-Hexane	0.113	0.425	0.045
Benzene	0.054	0.188	0.015
Cyclohexane	0.069	0.262	0.024
i-Heptanes	0.129		



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Analyzed: 10/12/2021 07:47:10 by KNF

Sampled By: Michael Mirabal
Sample Of: Gas Spot
Sample Date: 10/04/2021 02:51
Sample Conditions: 102 psia, @ 117 °F
Method: GPA 2286
Cylinder No: 5030-04978

Calculated Physical Properties	Total	C10+
Calculated Molecular Weight	22.29	151.89
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.696 psia & 60°F		
Real Gas Dry BTU	1298.1	8150.9
Water Sat. Gas Base BTU	1275.5	7976.9
Relative Density Real Gas	0.7723	5.2444
Compressibility Factor	0.9960	
Ideal, Gross HV - Wet	1270.4	
Ideal, Gross HV - Dry at 14.696 psia	1292.9	
Net BTU Dry Gas - real gas	1179	
Net BTU Wet Gas - real gas	1159	

Comments: H2S Field Content 300 ppm

Operator	CTB	Event	Start Time	End Time	Duration (Hr)	Total (MCF)
Franklin Mountain	Carnival	50 MCF	4/27/2022 1:22	4/27/2022 1:52	0.48	58.5
Franklin Mountain	Carnival	50 MCF	4/27/2022 3:28	4/27/2022 4:28	1	145.03
Franklin Mountain	Carnival	50 MCF	4/27/2022 5:31	4/27/2022 7:26	1.92	336.19
Franklin Mountain	Carnival	500 MCF	4/27/2022 8:36	4/27/2022 18:32	9.93	2679.48
Franklin Mountain	Green Light	50 MCF	4/27/2022 9:27	4/27/2022 11:13	1.75	487.82
Franklin Mountain	Green Light	50 MCF	4/27/2022 11:19	4/27/2022 12:05	0.75	141.09
Franklin Mountain	Parade	50 MCF	4/27/2022 16:14	4/27/2022 21:15	5.02	137.7
Franklin Mountain	Green Light	50 MCF	4/27/2022 16:39	4/27/2022 17:24	0.75	165.96
Franklin Mountain	Carnival	50 MCF	4/27/2022 19:10	4/27/2022 20:25	1.25	194.33
Franklin Mountain	Carnival	50 MCF	4/27/2022 20:29	4/27/2022 21:57	1.47	186
Franklin Mountain	Carnival	50 MCF	4/27/2022 22:02	4/28/2022 0:00	1.97	418.39

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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 103633

DEFINITIONS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 103633
	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 103633

QUESTIONS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 103633
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites	
Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.	
Incident Well	Not answered.
Incident Facility	[fAPP2123468509] Carnival CTB

Determination of Reporting Requirements
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QUESTIONS, Page 2

Action 103633

QUESTIONS (continued)

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	Action Number: 103633
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/27/2022
Time vent or flare was discovered or commenced	08:36 AM
Time vent or flare was terminated	06:32 PM
Cumulative hours during this event	9

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 Compressor Station Natural Gas Flared Released: 2,679 Mcf Recovered: 0 Mcf Lost: 2,679 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

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ACKNOWLEDGMENTS

Action 103633

ACKNOWLEDGMENTS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 103633
	Action Type: [C-129] Venting and/or Flaring (C-129)

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.

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CONDITIONS

Action 103633

CONDITIONS

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	Action Number: 103633
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
tbiggart	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.	5/3/2022