



Certificate of Analysis
 Number: 2500-23100237-001A

Greeley Laboratory
 2881 S. 31st Ave
 Unit 6-8
 Greeley, CO 80631

Tony Walton
 Civitas Resources
 4301 Industrial Parkway
 Evans, CO 80620

Nov. 01, 2023

Station Name: SA 42-12-3HN GLM
 Station Number: 66018251
 Station Location: SA B2 Pad
 Sample Point: Meter Tube Run
 Analyzed: 10/31/2023 21:19:54 by SO

Sampled By: Micah Hershberger
 Sample Of: Gas Spot
 Sample Date: 10/06/2023 15:30
 Sample Conditions: 1030 psig, @ 121 °F
 Method: GPA-2261M
 Cylinder No: 1502

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	NIL	NIL	GPM TOTAL C2+ 7.158	
Nitrogen	0.7442	0.911	GPM TOTAL C3+ 3.673	
Carbon Dioxide	2.5086	4.822	GPM TOTAL iC5+ 0.357	
Methane	71.3324	49.987		
Ethane	12.9815	17.050	3.485	
Propane	8.3206	16.026	2.301	
Iso-butane	0.8114	2.060	0.267	
n-Butane	2.3639	6.001	0.748	
Iso-pentane	0.3380	1.065	0.124	
n-Pentane	0.3936	1.240	0.143	
Hexanes Plus	0.2058	0.838	0.090	
	100.0000	100.000	7.158	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7935	3.2176
Calculated Molecular Weight	22.89	93.19
Compressibility Factor	0.9958	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1311	5141
Water Sat. Gas Base BTU	1289	5052

Comments: H2S Field Content 0 ppm

Ryleigh Jacobs

Data reviewed by: Ryleigh Jacobs, Laboratory Analyst

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