



Certificate of Analysis
 Number: 2500-23100238-001A

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 V-B-3HN GPM
 Station Number: 68018241
 Station Location: SA B2 Pad
 Sample Point: Meter Tube Run
 Analyzed: 10/31/2023 21:41:00 by SO

Sampled By: Micah Hershberger
 Sample Of: Gas Spot
 Sample Date: 10/06/2023 16:06
 Sample Conditions: 205 psig, @ 114 °F
 Method: GPA-2261M
 Cylinder No: 1276

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	NIL	NIL	GPM TOTAL C2+ 6.978	
Nitrogen	0.7312	0.891	GPM TOTAL C3+ 3.733	
Carbon Dioxide	2.4255	4.642	GPM TOTAL iC5+ 0.651	
Methane	72.4487	50.544		
Ethane	12.0833	15.800	3.245	
Propane	7.5013	14.385	2.075	
Iso-butane	0.7735	1.955	0.254	
n-Butane	2.3786	6.012	0.753	
Iso-pentane	0.4542	1.425	0.167	
n-Pentane	0.5811	1.823	0.211	
Hexanes Plus	0.6226	2.523	0.273	
	100.0000	100.000	6.978	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7971	3.2176
Calculated Molecular Weight	23.00	93.19
Compressibility Factor	0.9957	

GPA 2172 Calculation:
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F

Real Gas Dry BTU	1319	5141
Water Sat. Gas Base BTU	1297	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.