



Certificate of Analysis
 Number: 2500-23100046-001A

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

Tony Walton
 Civitas Resources
 4301 Industrial Parkway
 Evans, CO 80620

Oct. 12, 2023

Station Name: SA 43-13-3HN GPM
 Station Number: 68018238
 Station Location: SA B-2 Pad
 Sample Point: Meter Tube Run
 Analyzed: 10/11/2023 17:05:15 by RHJ

Sampled By: Micah Hershberger
 Sample Of: Gas Spot
 Sample Date: 09/26/2023 11:00
 Sample Conditions: 204 psig, @ 114 °F
 Method: GPA-2261M
 Cylinder No: 647

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	NIL	NIL	GPM TOTAL C2+	7.374
Nitrogen	0.6620	0.790	GPM TOTAL C3+	4.017
Carbon Dioxide	2.4356	4.568	GPM TOTAL iC5+	0.813
Methane	71.2963	48.737		
Ethane	12.4988	16.015	3.357	
Propane	7.7864	14.631	2.154	
Iso-butane	0.8023	1.987	0.264	
n-Butane	2.4831	6.150	0.786	
Iso-pentane	0.4640	1.427	0.170	
n-Pentane	0.6074	1.867	0.221	
Hexanes Plus	0.9641	3.828	0.422	
	100.0000	100.000	7.374	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8136	3.2176
Calculated Molecular Weight	23.47	93.19
Compressibility Factor	0.9955	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1346	5141
Water Sat. Gas Base BTU	1323	5052

Comments: H2S Field Content 0.00 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.