



Certificate of Analysis
 Number: 2500-23100236-001A

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 B11-V41-2HNC GLM
 Station Number: 66010304
 Station Location: SA B2 Pad
 Sample Point: Meter Tube Run
 Analyzed: 11/01/2023 07:54:51 by RHJ

Sampled By: Micah Hershberger
 Sample Of: Gas Spot
 Sample Date: 10/04/2023 12:53
 Sample Conditions: 1035 psig, @ 100 °F
 Method: GPA-2261M
 Cylinder No: 703

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0001	NIL	GPM TOTAL C2+	8.987
Nitrogen	0.6496	0.720	GPM TOTAL C3+	5.345
Carbon Dioxide	2.4879	4.331	GPM TOTAL iC5+	1.116
Methane	65.9418	41.840		
Ethane	13.5512	16.117	3.642	
Propane	9.9618	17.374	2.758	
Iso-butane	1.0853	2.495	0.357	
n-Butane	3.5161	8.083	1.114	
Iso-pentane	0.6797	1.940	0.250	
n-Pentane	0.8875	2.533	0.323	
Hexanes Plus	1.2390	4.567	0.543	
	100.0000	100.000	8.987	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8773	3.2176
Calculated Molecular Weight	25.28	93.19
Compressibility Factor	0.9947	

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

Real Gas Dry BTU	1444	5141
Water Sat. Gas Base BTU	1419	5052

Comments: H2S Field Content 1.0 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.