



Certificate of Analysis
 Number: 2500-22040083-001A

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

Tony Walton
 Civitas Resources
 4301 Industrial Parkway
 Evans, CO 80620

Apr. 12, 2022

Station Name: SA 24-1-36XRLNB GPM
 Station Number: 68011381
 Station Location: SA J-1 PAD
 Sample Point: Meter Tube Run
 Analyzed: 04/12/2022 13:13:25 by SO

Sampled By: Russ Fox
 Sample Of: Gas Spot
 Sample Date: 04/04/2022 15:34
 Sample Conditions: 100.33 psig, @ 81.93 °F
 Method: GPA-2261M
 Cylinder No: 2500-00902

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0002	NIL	GPM TOTAL C2+ 8.072	
Nitrogen	0.6658	0.772	GPM TOTAL C3+ 4.619	
Carbon Dioxide	2.3150	4.216	GPM TOTAL iC5+ 0.883	
Methane	69.0078	45.809		
Ethane	12.8531	15.992	3.453	
Propane	8.9458	16.323	2.476	
Iso-butane	0.9461	2.275	0.311	
n-Butane	2.9957	7.205	0.949	
Iso-pentane	0.6830	2.039	0.251	
n-Pentane	0.8643	2.580	0.315	
Hexanes Plus	0.7232	2.789	0.317	
	100.0000	100.000	8.072	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8381	3.2176
Calculated Molecular Weight	24.17	93.19
Compressibility Factor	0.9952	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.73 psia & 60°F

Real Gas Dry BTU	1387	5141
Water Sat. Gas Base BTU	1363	5052

Comments: H2S Field Content 1.50 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.