



Certificate of Analysis
 Number: 2500-22100158-005A

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

Tony Walton
 Civitas Resources
 4301 Industrial Parkway
 Evans, CO 80620

Nov. 04, 2022

Station Name: ANT FED T34-20-17 XRLNB GPM
 Station Number: 68005068
 Station Location: ANT O-20 Pad
 Sample Point: Meter Tube Run
 Analyzed: 11/04/2022 11:01:24 by RHJ

Sampled By: Russ Fox
 Sample Of: Gas Spot
 Sample Date: 10/18/2022 14:50
 Sample Conditions: 148.64 psig, @ 91.57 °F
 Method: GPA-2261M
 Cylinder No: 883

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0001	NIL	GPM TOTAL C2+ 8.166	
Nitrogen	0.6792	0.787	GPM TOTAL C3+ 4.417	
Carbon Dioxide	2.5146	4.577	GPM TOTAL iC5+ 0.891	
Methane	68.4516	45.421		
Ethane	13.9532	17.353	3.749	
Propane	8.1901	14.937	2.267	
Iso-butane	1.2438	2.990	0.409	
n-Butane	2.6829	6.450	0.850	
Iso-pentane	0.6931	2.068	0.255	
n-Pentane	0.8246	2.461	0.300	
Hexanes Plus	0.7668	2.956	0.336	
	100.0000	100.000	8.166	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8385	3.2176
Calculated Molecular Weight	24.18	93.19
Compressibility Factor	0.9952	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1382	5141
Water Sat. Gas Base BTU	1359	5052

Comments: H2S Field Content 0.75 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.