



Certificate of Analysis
 Number: 2500-22100158-006A

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 34-20-17XRLNC GPM
 Station Number: 68005067
 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: 10/19/2022 09:30
 Sample Conditions: 136.20 psig, @ 99.28 °F
 Method: GPA-2261M
 Cylinder No: 762

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	NIL	NIL	GPM TOTAL C2+ 8.141	
Nitrogen	0.6837	0.789	GPM TOTAL C3+ 4.484	
Carbon Dioxide	2.4716	4.479	GPM TOTAL iC5+ 0.958	
Methane	68.7587	45.421		
Ethane	13.6111	16.853	3.657	
Propane	7.8873	14.321	2.183	
Iso-butane	1.0875	2.603	0.358	
n-Butane	3.1096	7.442	0.985	
Iso-pentane	0.5349	1.589	0.197	
n-Pentane	0.7129	2.118	0.260	
Hexanes Plus	1.1427	4.385	0.501	
	100.0000	100.000	8.141	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8423	3.2176
Calculated Molecular Weight	24.29	93.19
Compressibility Factor	0.9952	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1389	5141
Water Sat. Gas Base BTU	1366	5052

Comments: H2S Field Content 0.25 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.