



Certificate of Analysis
 Number: 2500-22040161-001A

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

Tony Walton
 Civitas Resources
 4301 Industrial Parkway
 Evans, CO 80620

Apr. 28, 2022

Station Name: ANT FED 34-20-17XRLNC GPM
 Station Number: 68005067
 Station Location: ANT O-20 Pad
 Sample Point: Meter Tube Run
 Analyzed: 04/27/2022 12:44:45 by SO

Sampled By: Russ Fox
 Sample Of: Gas Spot
 Sample Date: 04/19/2022 12:50
 Sample Conditions: 137.32 psig, @ 111.46 °F
 Method: GPA-2261M
 Cylinder No: 2500-01063

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	NIL	NIL	GPM TOTAL C2+ 7.516	
Nitrogen	0.5662	0.677	GPM TOTAL C3+ 3.993	
Carbon Dioxide	2.2929	4.305	GPM TOTAL iC5+ 0.761	
Methane	70.9317	48.547		
Ethane	13.1190	16.829	3.523	
Propane	7.7811	14.638	2.153	
Iso-butane	0.8194	2.032	0.269	
n-Butane	2.5594	6.346	0.810	
Iso-pentane	0.5042	1.552	0.185	
n-Pentane	0.6638	2.043	0.242	
Hexanes Plus	0.7623	3.031	0.334	
	100.0000	100.000	7.516	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8126	3.2176
Calculated Molecular Weight	23.44	93.19
Compressibility Factor	0.9955	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1350	5141
Water Sat. Gas Base BTU	1327	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.