



Certificate of Analysis
 Number: 2500-22050178-004A

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

Tony Walton
 Civitas Resources
 4301 Industrial Parkway
 Evans, CO 80620

May 27, 2022

Station Name: SA T44-2-14 XRLNB GPM
 Station Number: 68004805
 Station Location: SA 41-11 Pad
 Sample Point: Meter Tube Run
 Analyzed: 05/27/2022 08:42:32 by SO

Sampled By: Paul Renslow
 Sample Of: Gas Spot
 Sample Date: 05/20/2022 12:15
 Sample Conditions: 113.59 psig, @ 103.23 °F
 Method: GPA-2261M
 Cylinder No: 467

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0001	NIL	GPM TOTAL C2+ 7.487	
Nitrogen	0.6700	0.797	GPM TOTAL C3+ 4.137	
Carbon Dioxide	2.3434	4.380	GPM TOTAL iC5+ 0.775	
Methane	70.9456	48.332		
Ethane	12.4720	15.926	3.350	
Propane	8.0785	15.128	2.235	
Iso-butane	0.8459	2.088	0.278	
n-Butane	2.6812	6.618	0.849	
Iso-pentane	0.5102	1.563	0.187	
n-Pentane	0.6523	1.999	0.237	
Hexanes Plus	0.8008	3.169	0.351	
	100.0000	100.000	7.487	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8164	3.2176
Calculated Molecular Weight	23.55	93.19
Compressibility Factor	0.9955	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1352	5141
Water Sat. Gas Base BTU	1329	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.