



Certificate of Analysis
 Number: 2500-23100048-001A

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

Tony Walton
 Civitas Resources
 4301 Industrial Parkway
 Evans, CO 80620

Oct. 12, 2023

Station Name: SA W-C-3HN GPM
 Station Number: 68018229
 Station Location: SA B-2 Pad
 Sample Point: Meter Tube Run
 Analyzed: 10/11/2023 17:44:59 by RHJ

Sampled By: Micah Hershberger
 Sample Of: Gas Spot
 Sample Date: 09/26/2023 12:30
 Sample Conditions: 205 psig, @ 118 °F
 Method: GPA-2261M
 Cylinder No: 1068

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	NIL	NIL	GPM TOTAL C2+ 7.464	
Nitrogen	0.7077	0.837	GPM TOTAL C3+ 4.122	
Carbon Dioxide	2.4320	4.521	GPM TOTAL iC5+ 0.962	
Methane	71.1314	48.202		
Ethane	12.4409	15.801	3.342	
Propane	7.6751	14.296	2.124	
Iso-butane	0.7903	1.940	0.260	
n-Butane	2.4495	6.014	0.776	
Iso-pentane	0.4608	1.404	0.169	
n-Pentane	0.6095	1.857	0.222	
Hexanes Plus	1.3028	5.128	0.571	
	100.0000	100.000	7.464	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8209	3.2176
Calculated Molecular Weight	23.67	93.19
Compressibility Factor	0.9954	

GPA 2172 Calculation:

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

Real Gas Dry BTU	1356	5141
Water Sat. Gas Base BTU	1333	5052

Comments: H2S Field Content 0.00 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.