



Certificate of Analysis

Number: 2500-25070108-014A

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

Tony Walton
Civitas Resources
4301 Industrial Parkway
Evans, CO 80620

July 17, 2025

Station Name: NPF A-E-22HC GLM
Station Number: 66003999
Station Location: NPF F-22 Pad
Sample Point: Meter Tube Run
Analyzed: 07/17/2025 10:47:47 by ACR

Sampled By: Russ Fox
Sample Of: Gas Spot
Sample Date: 06/20/2025 08:55
Sample Conditions: 677.81 psig, @ 80.01 °F
Method: GPA-2261M
Cylinder No: 1706

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	NIL	NIL		GPM TOTAL C2+ 7.041
Nitrogen	0.4119	0.512		GPM TOTAL C3+ 3.259
Carbon Dioxide	2.4258	4.736		GPM TOTAL iC5+ 0.372
Methane	72.1101	51.322		
Ethane	14.0873	18.793	3.782	
Propane	7.2229	14.130	1.998	
Iso-butane	0.7619	1.965	0.250	
n-Butane	2.0176	5.203	0.639	
Iso-pentane	0.3210	1.027	0.118	
n-Pentane	0.3645	1.167	0.133	
Hexanes Plus	0.2770	1.145	0.121	
	100.0000	100.000	7.041	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7812	3.2176
Calculated Molecular Weight	22.54	93.19
Compressibility Factor	0.9959	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1300	5141
Water Sat. Gas Base BTU	1278	5052
Comments: H2S Field Content 2.00 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.