



Certificate of Analysis

Number: 2500-22060195-001A

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

Tony Walton
Civitas Resources
4301 Industrial Parkway
Evans, CO 80620

June 30, 2022

Station Name: North Platte Fed A-E-22 HC GLM
Station Number: 66010319
Station Location: NPF F-22 Pad
Sample Point: Meter Tube Run
Analyzed: 06/29/2022 19:05:47 by SO

Sampled By: Russ Fox
Sample Of: Gas Spot
Sample Date: 06/16/2022 15:35
Sample Conditions: 899.56 psig, @ 88.53 °F
Method: GPA-2261M
Cylinder No: 2500-00888

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0001	NIL		GPM TOTAL C2+ 6.516
Nitrogen	0.4162	0.531		GPM TOTAL C3+ 2.855
Carbon Dioxide	2.1530	4.314		GPM TOTAL iC5+ 0.388
Methane	74.2368	54.223		
Ethane	13.6385	18.672	3.661	
Propane	6.2748	12.598	1.735	
Iso-butane	0.6269	1.659	0.206	
n-Butane	1.6626	4.400	0.526	
Iso-pentane	0.2874	0.944	0.105	
n-Pentane	0.3413	1.121	0.124	
Hexanes Plus	0.3624	1.538	0.159	
	100.0000	100.000	6.516	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7610	3.2176
Calculated Molecular Weight	21.96	93.19
Compressibility Factor	0.9961	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1275	5141
Water Sat. Gas Base BTU	1254	5052
Comments: H2S Field Content 0.75 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.