



Certificate of Analysis

Number: 2500-22060191-004A

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: NPF 11-14-22 HNC GPM
Station Number: 68011142
Station Location: NPF K-22 Pad
Sample Point: Meter Tube Run
Analyzed: 06/29/2022 17:18:40 by SO

Sampled By: Russ Fox
Sample Of: Gas Spot
Sample Date: 06/24/2022 14:10
Sample Conditions: 150.06 psig, @ 90.38 °F
Method: GPA-2261M
Cylinder No: 2500-01006

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0001	NIL		GPM TOTAL C2+ 6.825
Nitrogen	0.4221	0.528		GPM TOTAL C3+ 3.207
Carbon Dioxide	2.1562	4.236		GPM TOTAL iC5+ 0.501
Methane	73.2982	52.489		
Ethane	13.4753	18.087	3.618	
Propane	6.6564	13.102	1.841	
Iso-butane	0.7299	1.894	0.240	
n-Butane	1.9759	5.126	0.625	
Iso-pentane	0.3844	1.238	0.141	
n-Pentane	0.4802	1.547	0.175	
Hexanes Plus	0.4213	1.753	0.185	
	100.0000	100.000	6.825	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7763	3.2176
Calculated Molecular Weight	22.40	93.19
Compressibility Factor	0.9959	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1299	5141
Water Sat. Gas Base BTU	1277	5052
Comments: H2S Field Content 1.25 ppm		

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.