



Certificate of Analysis

Number: 2500-22050190-005A

Greeley Laboratory

2881 S. 31st Ave

Unit 6-8

Greeley, CO 80631

Tony Walton
Civitas Resources
4301 Industrial Parkway
Evans, CO 80620

June 07, 2022

Station Name: NP E14-A11-23HNB GPM
Station Number: 68004533
Station Location: SNP F-26 PAD
Sample Point: Meter Tube Run
Analyzed: 05/31/2022 13:22:10 by SO

Sampled By: Russ Fox
Sample Of: Gas Spot
Sample Date: 05/16/2022 10:15
Sample Conditions: 139.03 psig, @ 81.10 °F
Method: GPA-2261M
Cylinder No: 674

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0001	NIL		GPM TOTAL C2+
Nitrogen	0.3609	0.430		GPM TOTAL C3+
Carbon Dioxide	2.1977	4.117		GPM TOTAL iC5+
Methane	70.1559	47.913		
Ethane	14.2763	18.274	3.834	
Propane	7.7294	14.509	2.139	
Iso-butane	0.8793	2.176	0.289	
n-Butane	2.5242	6.246	0.799	
Iso-pentane	0.5313	1.632	0.195	
n-Pentane	0.7061	2.169	0.257	
Hexanes Plus	0.6388	2.534	0.280	
	100.0000	100.000	7.793	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8144	3.2176
Calculated Molecular Weight	23.49	93.19
Compressibility Factor	0.9955	

GPA 2172 Calculation:

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

Real Gas Dry BTU	1358	5141
Water Sat. Gas Base BTU	1335	5052

Comments: H2S Field Content 0.75 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.