



Certificate of Analysis
 Number: 2500-25080052-002A

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

Tony Walton
 Civitas Resources
 4301 Industrial Parkway
 Evans, CO 80620

Station Name: ANT Y44-U41-18HNC GPM
 Station Number: 68002389
 Station Location: ANT 18-I Pad
 Sample Point: Meter Tube Run
 Cylinder No: 1904
 Instrument: Agilent 990, 1
 Analyzed: 08/12/2025 15:55:24 by ACR

Report Date: 08/13/2025
 Sampled By: Russ Fox
 Sample Of: Gas Spot
 Sample Conditions: 168.99 psia, @ 91.70 °F
 Sample Date: 07/15/2025 13:16
 Received Date: 08/04/2025
 Login Date: 08/06/2025
 Method: GPA-2261M

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.0002	NIL		GPM TOTAL C2+	7.416
Nitrogen	0.4804	0.579		GPM TOTAL C3+	3.697
Carbon Dioxide	2.3420	4.437		GPM TOTAL iC5+	0.878
Methane	71.2943	49.233			
Ethane	13.8489	17.925	3.719		
Propane	7.2988	13.854	2.019		
Iso-butane	0.7113	1.780	0.234		
n-Butane	1.7886	4.475	0.566		
Iso-pentane	0.5567	1.729	0.204		
n-Pentane	0.8251	2.563	0.300		
Hexanes Plus	0.8537	3.425	0.374		
	100.0000	100.000	7.416		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8053	3.2176
Calculated Molecular Weight	23.23	93.19
Compressibility Factor	0.9956	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1338	5141
Water Sat. Gas Base BTU	1316	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. The test results apply to the sample as received.