



Certificate of Analysis
 Number: 2500-25050270-001A

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: 10536
 Instrument: Agilent 990, 1
 Analyzed: 06/02/2025 12:38:22 by VRM

Report Date: 06/02/2025
 Sampled By: Russ Fox
 Sample Of: Gas Spot
 Sample Conditions: 157.44 psig, @ 57.73 °F
 Sample Date: 05/24/2025 13:20
 Received Date: 05/27/2025
 Login Date: 05/28/2025
 Method: GPA-2261M

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.0001	NIL		GPM TOTAL C2+	7.116
Nitrogen	0.5390	0.663		GPM TOTAL C3+	3.451
Carbon Dioxide	2.4228	4.685		GPM TOTAL iC5+	0.476
Methane	71.8416	50.637			
Ethane	13.6520	18.036	3.665		
Propane	7.5181	14.565	2.079		
Iso-butane	0.7237	1.848	0.238		
n-Butane	2.0801	5.312	0.658		
Iso-pentane	0.3678	1.166	0.135		
n-Pentane	0.4458	1.413	0.162		
Hexanes Plus	0.4090	1.675	0.179		
	100.0000	100.000	7.116		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7888	3.2176
Calculated Molecular Weight	22.76	93.19
Compressibility Factor	0.9958	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1310	5141
Water Sat. Gas Base BTU	1288	5052

Comments: H2S Field Content: 1.00 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.