



Certificate of Analysis
 Number: 2500-23100057-002A

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

Tony Walton
 Civitas Resources
 4301 Industrial Parkway
 Evans, CO 80620

Oct. 12, 2023

Station Name: SA A11-U41-2HNC GPM
 Station Number: 68011357
 Station Location: SA 14-2 Pad
 Sample Point: Meter Tube Run
 Analyzed: 10/12/2023 08:44:35 by RHJ

Sampled By: Paul Renslow
 Sample Of: Gas Spot
 Sample Date: 09/29/2023 10:00
 Sample Conditions: 121.69 psig, @ 75.92 °F
 Method: GPA-2261M
 Cylinder No: 81

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0001	NIL	GPM TOTAL C2+	8.083
Nitrogen	0.6080	0.711	GPM TOTAL C3+	4.339
Carbon Dioxide	2.5920	4.760	GPM TOTAL iC5+	0.678
Methane	68.4739	45.842		
Ethane	13.9371	17.489	3.744	
Propane	9.0316	16.620	2.499	
Iso-butane	0.8966	2.175	0.295	
n-Butane	2.7368	6.638	0.867	
Iso-pentane	0.4682	1.410	0.172	
n-Pentane	0.6018	1.812	0.219	
Hexanes Plus	0.6539	2.543	0.287	
	100.0000	100.000	8.083	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8309	3.2176
Calculated Molecular Weight	23.96	93.19
Compressibility Factor	0.9953	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1370	5141
Water Sat. Gas Base BTU	1347	5052

Comments: H2S Field Content 1.0 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.