



Certificate of Analysis
 Number: 2500-22040136-007A

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

Tony Walton
 Civitas Resources
 4301 Industrial Parkway
 Evans, CO 80620

Apr. 21, 2022

Station Name: SA B11-V41-2HNC GPM
 Station Number: 68011359
 Station Location: SA 14-2 Pad
 Sample Point: Meter Tube Run
 Analyzed: 04/21/2022 12:48:33 by SO

Sampled By: Paul Renslow
 Sample Of: Gas Spot
 Sample Date: 04/15/2022 14:15
 Sample Conditions: 110.82 psig, @ 61.63 °F
 Method: GPA-2261M
 Cylinder No: 896

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	NIL	NIL	GPM TOTAL C2+ 6.537	
Nitrogen	0.6917	0.874	GPM TOTAL C3+ 3.129	
Carbon Dioxide	2.4176	4.800	GPM TOTAL iC5+ 0.300	
Methane	73.5658	53.247		
Ethane	12.6964	17.225	3.408	
Propane	7.4701	14.862	2.066	
Iso-butane	0.6353	1.666	0.209	
n-Butane	1.7504	4.590	0.554	
Iso-pentane	0.2503	0.815	0.092	
n-Pentane	0.2903	0.945	0.106	
Hexanes Plus	0.2321	0.976	0.102	
	100.0000	100.000	6.537	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7680	3.2176
Calculated Molecular Weight	22.16	93.19
Compressibility Factor	0.9961	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1275	5141
Water Sat. Gas Base BTU	1253	5052

Comments: H2S Field Content 0.0 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.