



Certificate of Analysis
 Number: 2500-22040136-001A

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 12-42-2 HNB GPM
 Station Number: 68011391
 Station Location: SA 14-2 Pad
 Sample Point: Meter Tube Run
 Analyzed: 04/21/2022 11:46:31 by SO

Sampled By: Paul Renslow
 Sample Of: Gas Spot
 Sample Date: 04/15/2022 12:00
 Sample Conditions: 119.01 psig, @ 58.29 °F
 Method: GPA-2261M
 Cylinder No: 699

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0001	NIL	GPM TOTAL C2+ 6.819	
Nitrogen	0.6665	0.827	GPM TOTAL C3+ 3.412	
Carbon Dioxide	2.4130	4.703	GPM TOTAL iC5+ 0.461	
Methane	72.8019	51.723		
Ethane	12.6919	16.901	3.407	
Propane	7.4961	14.639	2.073	
Iso-butane	0.7020	1.807	0.231	
n-Butane	2.0443	5.262	0.647	
Iso-pentane	0.3508	1.121	0.129	
n-Pentane	0.4527	1.446	0.165	
Hexanes Plus	0.3807	1.571	0.167	
	100.0000	100.000	6.819	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7825	3.2176
Calculated Molecular Weight	22.58	93.19
Compressibility Factor	0.9959	

GPA 2172 Calculation:
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F

Real Gas Dry BTU	1298	5141
Water Sat. Gas Base BTU	1276	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.