



Certificate of Analysis
 Number: 2500-22050015-003A

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

Tony Walton
 Civitas Resources
 4301 Industrial Parkway
 Evans, CO 80620

May 04, 2022

Station Name: ANT Y44-U41-18HNC GLM
 Station Number: 66010126
 Station Location: ANT 18-I Pad
 Sample Point: Meter Tube Run
 Analyzed: 05/04/2022 10:00:43 by SO

Sampled By: Russ Fox
 Sample Of: Gas Spot
 Sample Date: 04/26/2022 13:05
 Sample Conditions: 731.69 psig, @ 81.90 °F
 Method: GPA-2261M
 Cylinder No: 2500-00655

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0001	NIL	GPM TOTAL C2+	6.683
Nitrogen	0.4737	0.600	GPM TOTAL C3+	2.978
Carbon Dioxide	2.1864	4.350	GPM TOTAL iC5+	0.374
Methane	73.5340	53.334		
Ethane	13.8013	18.762	3.705	
Propane	6.7973	13.551	1.880	
Iso-butane	0.6464	1.699	0.212	
n-Butane	1.6170	4.249	0.512	
Iso-pentane	0.2498	0.815	0.092	
n-Pentane	0.2985	0.974	0.109	
Hexanes Plus	0.3955	1.666	0.173	
	100.0000	100.000	6.683	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7664	3.2176
Calculated Molecular Weight	22.12	93.19
Compressibility Factor	0.9961	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1282	5141
Water Sat. Gas Base BTU	1260	5052

Comments: H2S Field Content 1.00 ppm

Data reviewed by: Carson Souther, Laboratory Analyst

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.