



Certificate of Analysis
 Number: 2500-23040056-003A

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

Tony Walton
 Civitas Resources
 4301 Industrial Parkway
 Evans, CO 80620

Apr. 13, 2023

Station Name: SNP F-J-36HC GPM
 Station Number: 68011196
 Station Location: SNP F-36
 Sample Point: Meter
 Analyzed: 04/13/2023 09:40:10 by SO

Sampled By: Paul Renslow
 Sample Of: Gas Spot
 Sample Date: 04/05/2023 12:15
 Sample Conditions: 133.25 psig, @ 64.41 °F
 Method: GPA-2261M
 Cylinder No: 1892

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0002	NIL	GPM TOTAL C2+ 7.684	
Nitrogen	0.4323	0.520	GPM TOTAL C3+ 3.745	
Carbon Dioxide	2.2606	4.272	GPM TOTAL iC5+ 0.643	
Methane	70.2941	48.421		
Ethane	14.6675	18.937	3.939	
Propane	7.6131	14.414	2.106	
Iso-butane	0.8169	2.039	0.268	
n-Butane	2.2993	5.738	0.728	
Iso-pentane	0.4007	1.241	0.147	
n-Pentane	0.4926	1.526	0.179	
Hexanes Plus	0.7227	2.892	0.317	
	100.0000	100.000	7.684	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8074	3.2176
Calculated Molecular Weight	23.29	93.19
Compressibility Factor	0.9956	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.73 psia & 60°F

Real Gas Dry BTU	1345	5141
Water Sat. Gas Base BTU	1322	5052

Comments: H2S Field Content 2.0 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.