



Certificate of Analysis
 Number: 2500-23040056-006A

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 K-O-36 HC GLM
 Station Number: 66010157
 Station Location: SNP F-36
 Sample Point: Meter Tube
 Analyzed: 04/13/2023 10:45:09 by SO

Sampled By: Paul Renslow
 Sample Of: Gas Spot
 Sample Date: 04/07/2023 12:30
 Sample Conditions: 1015.12 psig, @ 93.01 °F
 Method: GPA-2261M
 Cylinder No: 1860

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0001	NIL	GPM TOTAL C2+ 7.001	
Nitrogen	0.5371	0.668	GPM TOTAL C3+ 3.159	
Carbon Dioxide	2.2315	4.363	GPM TOTAL iC5+ 0.506	
Methane	72.4565	51.637		
Ethane	14.3091	19.114	3.842	
Propane	6.7046	13.134	1.854	
Iso-butane	0.6943	1.793	0.228	
n-Butane	1.8047	4.660	0.571	
Iso-pentane	0.2872	0.921	0.105	
n-Pentane	0.3488	1.118	0.127	
Hexanes Plus	0.6261	2.592	0.274	
	100.0000	100.000	7.001	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7801	3.2176
Calculated Molecular Weight	22.51	93.19
Compressibility Factor	0.9959	

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

Real Gas Dry BTU	1301	5141
Water Sat. Gas Base BTU	1279	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.