



Certificate of Analysis

Number: 2500-22030208-008A

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

Tony Walton
Civitas Resources
4301 Industrial Parkway
Evans, CO 80620

Apr. 01, 2022

Station Name: SNP 11-36-1 XRLNB GLM
Station Number: 66010158
Station Location: SNP F-36
Sample Point: Port
Analyzed: 04/01/2022 11:45:53 by SO

Sampled By: Brandon Fox
Sample Of: Gas Spot
Sample Date: 03/24/2022
Sample Conditions: 1059 psig, @ 129.79 °F
Method: GPA-2261M
Cylinder No: 2500-00010

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0003	NIL		GPM TOTAL C2+ 6.904
Nitrogen	0.4217	0.531		GPM TOTAL C3+ 3.091
Carbon Dioxide	2.0564	4.065		GPM TOTAL iC5+ 0.364
Methane	72.9181	52.550		
Ethane	14.2048	19.187	3.813	
Propane	6.9217	13.711	1.914	
Iso-butane	0.6967	1.819	0.229	
n-Butane	1.8452	4.818	0.584	
Iso-pentane	0.2879	0.933	0.106	
n-Pentane	0.3421	1.109	0.124	
Hexanes Plus	0.3051	1.277	0.134	
	100.0000	100.000	6.904	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7714	3.2176
Calculated Molecular Weight	22.26	93.19
Compressibility Factor	0.9960	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1294	5141
Water Sat. Gas Base BTU	1272	5052

Comments: H2S Field Content 3 ppm

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.