



Certificate of Analysis

Number: 2500-22070050-006A

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

Tony Walton
Civitas Resources
4301 Industrial Parkway
Evans, CO 80620

July 13, 2022

Station Name: NP A11-E14-28HNB GLM
Station Number: 66004865
Station Location: NP I-21 Pad
Sample Point: Meter Tube Run
Analyzed: 07/13/2022 08:27:07 by SO

Sampled By: Russ Fox
Sample Of: Gas Spot
Sample Date: 07/08/2022 11:45
Sample Conditions: 995.93 psig, @ 108.15 °F
Method: GPA-2261M
Cylinder No: 2500-01835

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0002	NIL		GPM TOTAL C2+ 6.818
Nitrogen	0.4824	0.606		GPM TOTAL C3+ 3.174
Carbon Dioxide	2.0256	3.995		GPM TOTAL iC5+ 0.440
Methane	73.3228	52.709		
Ethane	13.5749	18.291	3.644	
Propane	6.8467	13.529	1.893	
Iso-butane	0.7075	1.843	0.232	
n-Butane	1.9236	5.010	0.609	
Iso-pentane	0.3152	1.019	0.116	
n-Pentane	0.3673	1.187	0.134	
Hexanes Plus	0.4338	1.811	0.190	
	100.0000	100.000	6.818	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7733	3.2176
Calculated Molecular Weight	22.32	93.19
Compressibility Factor	0.9960	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1297	5141
Water Sat. Gas Base BTU	1275	5052
Comments: H2S Field Content 1.75 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.