



Certificate of Analysis

Number: 2500-22070050-004A

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 F-J-28 HNC GPM
Station Number: 68004838
Station Location: NP I-21 Pad
Sample Point: Meter Tube Run
Analyzed: 07/13/2022 08:00:34 by SO

Sampled By: Russ Fox
Sample Of: Gas Spot
Sample Date: 07/08/2022 10:30
Sample Conditions: 153.09 psig, @ 82.37 °F
Method: GPA-2261M
Cylinder No: 2500-01919

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0001	NIL		GPM TOTAL C2+ 7.236
Nitrogen	0.4240	0.523		GPM TOTAL C3+ 3.412
Carbon Dioxide	2.1372	4.141		GPM TOTAL iC5+ 0.548
Methane	71.8172	50.720		
Ethane	14.2414	18.851	3.824	
Propane	7.4960	14.551	2.073	
Iso-butane	0.7208	1.844	0.237	
n-Butane	1.7495	4.476	0.554	
Iso-pentane	0.4067	1.292	0.149	
n-Pentane	0.5709	1.813	0.208	
Hexanes Plus	0.4362	1.789	0.191	
	100.0000	100.000	7.236	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7873	3.2176
Calculated Molecular Weight	22.72	93.19
Compressibility Factor	0.9958	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1317	5141
Water Sat. Gas Base BTU	1294	5052
Comments: H2S Field Content 1.00 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.