



Certificate of Analysis

Number: 2500-22060191-002A

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

Tony Walton
Civitas Resources
4301 Industrial Parkway
Evans, CO 80620

June 30, 2022

Station Name: NPF A-E-22 HC GPM
Station Number: 68011140
Station Location: NPF K-22 Pad
Sample Point: Meter Tube Run
Analyzed: 06/29/2022 16:58:19 by SO

Sampled By: Russ Fox
Sample Of: Gas Spot
Sample Date: 06/24/2022 13:25
Sample Conditions: 146.31 psig, @ 88.95 °F
Method: GPA-2261M
Cylinder No: 2500-01896

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0001	NIL		GPM TOTAL C2+
Nitrogen	0.4191	0.523		GPM TOTAL C3+
Carbon Dioxide	2.1699	4.258		GPM TOTAL iC5+
Methane	72.9526	52.182		
Ethane	13.6969	18.363	3.677	
Propane	6.8067	13.383	1.882	
Iso-butane	0.7557	1.958	0.248	
n-Butane	2.0455	5.301	0.647	
Iso-pentane	0.3814	1.227	0.140	
n-Pentane	0.4298	1.383	0.156	
Hexanes Plus	0.3423	1.422	0.150	
	100.0000	100.000	6.900	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7772	3.2176
Calculated Molecular Weight	22.43	93.19
Compressibility Factor	0.9959	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1300	5141
Water Sat. Gas Base BTU	1278	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.