



Certificate of Analysis

Number: 2500-22060160-003A

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

Tony Walton
Civitas Resources
4301 Industrial Parkway
Evans, CO 80620

June 27, 2022

Station Name: SSH O-K-6HNB GLM
Station Number: 66010072
Station Location: SSH T-6 Pad
Sample Point: Meter Tube Run
Analyzed: 06/27/2022 09:44:42 by SO

Sampled By: Paul Renslow
Sample Of: Gas Spot
Sample Date: 06/15/2022 09:00
Sample Conditions: 437.13 psig, @ 46.89 °F
Method: GPA-2261M
Cylinder No: 2500-01892

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0001	NIL		GPM TOTAL C2+
Nitrogen	0.6032	0.775		GPM TOTAL C3+
Carbon Dioxide	2.0600	4.157		GPM TOTAL iC5+
Methane	74.5845	54.857		
Ethane	13.1934	18.189	3.541	
Propane	6.5313	13.205	1.806	
Iso-butane	0.6218	1.657	0.204	
n-Butane	1.6513	4.400	0.522	
Iso-pentane	0.2287	0.757	0.084	
n-Pentane	0.2529	0.837	0.092	
Hexanes Plus	0.2728	1.166	0.119	
	100.0000	100.000	6.368	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7557	3.2176
Calculated Molecular Weight	21.81	93.19
Compressibility Factor	0.9962	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1266	5141
Water Sat. Gas Base BTU	1245	5052
Comments: H2S Field Content 1.0 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.