



Certificate of Analysis

Number: 2500-22030127-009A

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

Tony Walton
Civitas Resources
4301 Industrial Parkway
Evans, CO 80620

Mar. 18, 2022

Station Name: AZ Fed SE3 4-62-2-4841CN Prd
Station Number: 20229
Station Location: AZ Fed SE3 4-62-2
Sample Point: Tube
Analyzed: 03/18/2022 13:18:08 by SO

Sampled By: Wally Young
Sample Of: Gas Spot
Sample Date: 03/10/2022 13:33
Sample Conditions: 112.49 psig, @ 118.02 °F
Method: GPA-2261M
Cylinder No: 2500-00003

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0005	0.001		GPM TOTAL C2+ 7.826
Nitrogen	0.7591	0.882		GPM TOTAL C3+ 4.574
Carbon Dioxide	2.2888	4.179		GPM TOTAL iC5+ 0.991
Methane	69.9963	46.582		
Ethane	12.1050	15.099	3.252	
Propane	8.4123	15.388	2.328	
Iso-butane	0.9137	2.203	0.300	
n-Butane	3.0168	7.274	0.955	
Iso-pentane	0.6306	1.887	0.232	
n-Pentane	0.8604	2.575	0.313	
Hexanes Plus	1.0165	3.930	0.446	
	100.0000	100.000	7.826	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8360	3.2176
Calculated Molecular Weight	24.11	93.19
Compressibility Factor	0.9952	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1383	5141
Water Sat. Gas Base BTU	1359	5052

Comments: H2S Field Content 5 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.