



Certificate of Analysis

Number: 2500-22030155-011A

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

Tony Walton
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4301 Industrial Parkway
Evans, CO 80620

Mar. 23, 2022

Station Name: North Platte Fed A-E-22 HC GLM
Station Number: 66010319
Station Location: NPF F-22 Pad
Sample Point: Meter Tube Run
Analyzed: 03/23/2022 12:26:09 by SO

Sampled By: Russ Fox
Sample Of: Gas Spot
Sample Date: 03/16/2022 09:15
Sample Conditions: 967.76 psig, @ 81.66 °F
Method: GPA-2261M
Cylinder No: 2500-01868

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0002	NIL		GPM TOTAL C2+ 6.512
Nitrogen	0.4120	0.526		GPM TOTAL C3+ 2.855
Carbon Dioxide	2.0950	4.200		GPM TOTAL iC5+ 0.398
Methane	74.3232	54.322		
Ethane	13.6247	18.664	3.657	
Propane	6.2735	12.603	1.735	
Iso-butane	0.6337	1.678	0.208	
n-Butane	1.6254	4.304	0.514	
Iso-pentane	0.2779	0.913	0.102	
n-Pentane	0.3414	1.122	0.124	
Hexanes Plus	0.3930	1.668	0.172	
	100.0000	100.000	6.512	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7605	3.2176
Calculated Molecular Weight	21.95	93.19
Compressibility Factor	0.9961	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1276	5141
Water Sat. Gas Base BTU	1254	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.