



Certificate of Analysis
 Number: 2500-21070204-001A

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

Tony Walton
 Bonanza Creek
 4301 Industrial Parkway
 Evans, CO 80620

Aug. 03, 2021

Station Name: Mustang V41-34-33 XRLNB GPM
 Station Number: 68004589
 Station Location: Mustang 42-34 Pad
 Sample Point: Meter Tube Run
 Analyzed: 08/03/2021 12:52:06 by RGA

Sampled By: Russ Fox
 Sample Of: Gas Spot
 Sample Date: 07/28/2021 11:15
 Sample Conditions: 64.23 psig, @ 120.79 °F
 Method: GPA-2261M
 Cylinder No: 2500-00030

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	ND	ND	GPM TOTAL C2+ 9.830	
Nitrogen	0.4126	0.443	GPM TOTAL C3+ 5.882	
Carbon Dioxide	1.8526	3.124	GPM TOTAL iC5+ 1.540	
Methane	64.3112	39.533		
Ethane	14.6822	16.916	3.948	
Propane	9.6823	16.359	2.682	
Iso-butane	1.2790	2.848	0.421	
n-Butane	3.9094	8.706	1.239	
Iso-pentane	0.9377	2.592	0.345	
n-Pentane	1.2322	3.406	0.449	
Hexanes Plus	1.7008	6.073	0.746	
	100.0000	100.000	9.830	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.9060	3.2176
Calculated Molecular Weight	26.10	93.19
Compressibility Factor	0.9942	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1508	5141
Water Sat. Gas Base BTU	1483	5052

Comments: H2S Field Content 0.25 ppm

Data reviewed by: Carson Souther, Laboratory Analyst

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.