



Certificate of Analysis
 Number: 2500-21100200-005A

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

Tony Walton
 Bonanza Creek
 4301 Industrial Parkway
 Evans, CO 80620

Nov. 03, 2021

Station Name: ANT FED 34-20-17XRLNC GPM
 Station Number: 68005067
 Station Location: ANT O-20 Pad
 Sample Point: Meter Tube Run
 Analyzed: 11/03/2021 13:38:44 by RGA

Sampled By: Russ Fox
 Sample Of: Gas Spot
 Sample Date: 10/20/2021 09:20
 Sample Conditions: 131.73 psig, @ 97.33 °F
 Method: GPA-2261M
 Cylinder No: 2500-00957

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0002	ND	GPM TOTAL C2+	7.348
Nitrogen	0.5964	0.719	GPM TOTAL C3+	3.832
Carbon Dioxide	2.3025	4.361	GPM TOTAL iC5+	0.718
Methane	71.4273	49.312		
Ethane	13.0922	16.941	3.516	
Propane	7.5172	14.265	2.080	
Iso-butane	0.7893	1.974	0.259	
n-Butane	2.4489	6.125	0.775	
Iso-pentane	0.4879	1.515	0.179	
n-Pentane	0.6392	1.985	0.233	
Hexanes Plus	0.6989	2.803	0.306	
	100.0000	100.000	7.348	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8056	3.2176
Calculated Molecular Weight	23.24	93.19
Compressibility Factor	0.9956	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1338	5141
Water Sat. Gas Base BTU	1315	5052

Comments: H2S Field Content 2.00 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.