



Certificate of Analysis

Number: 2500-24020213-002A

Greeley Laboratory
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Unit 6-8
Greeley, CO 80631

Tony Walton
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4301 Industrial Parkway
Evans, CO 80620

Mar. 01, 2024

Station Name: ANT FED T34-20-17 XRLNB GPM
Station Number: 68005068
Station Location: ANT O-20 Pad
Sample Point: Meter Tube Run
Analyzed: 02/29/2024 18:17:16 by VRM

Sampled By: Russ Fox
Sample Of: Gas Spot
Sample Date: 02/13/2024 13:00
Sample Conditions: 166.18 psig, @ 89.37 °F
Method: GPA-2261M
Cylinder No: 1247

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	NIL	NIL		GPM TOTAL C2+ 7.172
Nitrogen	0.8507	1.040		GPM TOTAL C3+ 3.629
Carbon Dioxide	2.3631	4.538		GPM TOTAL iC5+ 0.479
Methane	71.4440	50.008		
Ethane	13.1966	17.314	3.543	
Propane	7.8992	15.198	2.185	
Iso-butane	0.7727	1.960	0.254	
n-Butane	2.2455	5.695	0.711	
Iso-pentane	0.3685	1.160	0.135	
n-Pentane	0.4448	1.400	0.162	
Hexanes Plus	0.4149	1.687	0.182	
	100.0000	100.000	7.172	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7944	3.2176
Calculated Molecular Weight	22.92	93.19
Compressibility Factor	0.9958	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1315	5141
Water Sat. Gas Base BTU	1292	5052
Comments: H2S Field Content 0.25 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.