



Certificate of Analysis

Number: 2500-21090194-002A

Greeley Laboratory

2881 S. 31st Ave

Unit 6-8

Greeley, CO 80631

Tony Walton
Bonanza Creek
4301 Industrial Parkway
Evans, CO 80620

Oct. 04, 2021

Station Name: Ansch ST 5-62-35-1724CH2 Prd
Station Number: 18990
Station Location: Ansch ST 5-62-35 NW
Sample Point: Tube
Analyzed: 10/04/2021 11:20:43 by RGA

Sampled By: Wally Young
Sample Of: Gas Spot
Sample Date: 09/22/2021 10:37
Sample Conditions: 149.36 psig, @ 112.25 °F
Method: GPA-2261M
Cylinder No: 2500-01890

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0004	0.001		GPM TOTAL C2+
Nitrogen	0.7662	0.905		GPM TOTAL C3+
Carbon Dioxide	2.4129	4.477		GPM TOTAL iC5+
Methane	70.0250	47.366		
Ethane	12.5582	15.921	3.373	
Propane	8.6514	16.085	2.394	
Iso-butane	0.9096	2.229	0.299	
n-Butane	2.9532	7.237	0.935	
Iso-pentane	0.5029	1.530	0.185	
n-Pentane	0.6139	1.867	0.223	
Hexanes Plus	0.6063	2.382	0.266	
	100.0000	100.000	7.675	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8223	3.2176
Calculated Molecular Weight	23.72	93.19
Compressibility Factor	0.9954	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1358	5141
Water Sat. Gas Base BTU	1335	5052
Comments: H2S Field Content 4 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.