



Certificate of Analysis
 Number: 2500-22060195-001A

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

Tony Walton
 Civitas Resources
 4301 Industrial Parkway
 Evans, CO 80620

June 30, 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: 06/29/2022 19:05:47 by SO

Sampled By: Russ Fox
 Sample Of: Gas Spot
 Sample Date: 06/16/2022 15:35
 Sample Conditions: 899.56 psig, @ 88.53 °F
 Method: GPA-2261M
 Cylinder No: 2500-00888

Analytical Data

| Components | Mol. % | Wt. % | GPM at 14.73 psia | |
|------------------|----------|---------|-------------------|-------|
| Hydrogen Sulfide | 0.0001 | NIL | GPM TOTAL C2+ | 6.516 |
| Nitrogen | 0.4162 | 0.531 | GPM TOTAL C3+ | 2.855 |
| Carbon Dioxide | 2.1530 | 4.314 | GPM TOTAL iC5+ | 0.388 |
| Methane | 74.2368 | 54.223 | | |
| Ethane | 13.6385 | 18.672 | 3.661 | |
| Propane | 6.2748 | 12.598 | 1.735 | |
| Iso-butane | 0.6269 | 1.659 | 0.206 | |
| n-Butane | 1.6626 | 4.400 | 0.526 | |
| Iso-pentane | 0.2874 | 0.944 | 0.105 | |
| n-Pentane | 0.3413 | 1.121 | 0.124 | |
| Hexanes Plus | 0.3624 | 1.538 | 0.159 | |
| | 100.0000 | 100.000 | 6.516 | |

| Calculated Physical Properties | Total | C6+ |
|--|--------|--------|
| Relative Density Real Gas | 0.7610 | 3.2176 |
| Calculated Molecular Weight | 21.96 | 93.19 |
| Compressibility Factor | 0.9961 | |
| GPA 2172 Calculation: | | |
| Calculated Gross BTU per ft³ @ 14.73 psia & 60°F | | |
| Real Gas Dry BTU | 1275 | 5141 |
| Water Sat. Gas Base BTU | 1254 | 5052 |

Comments: H2S Field Content 0.75 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.