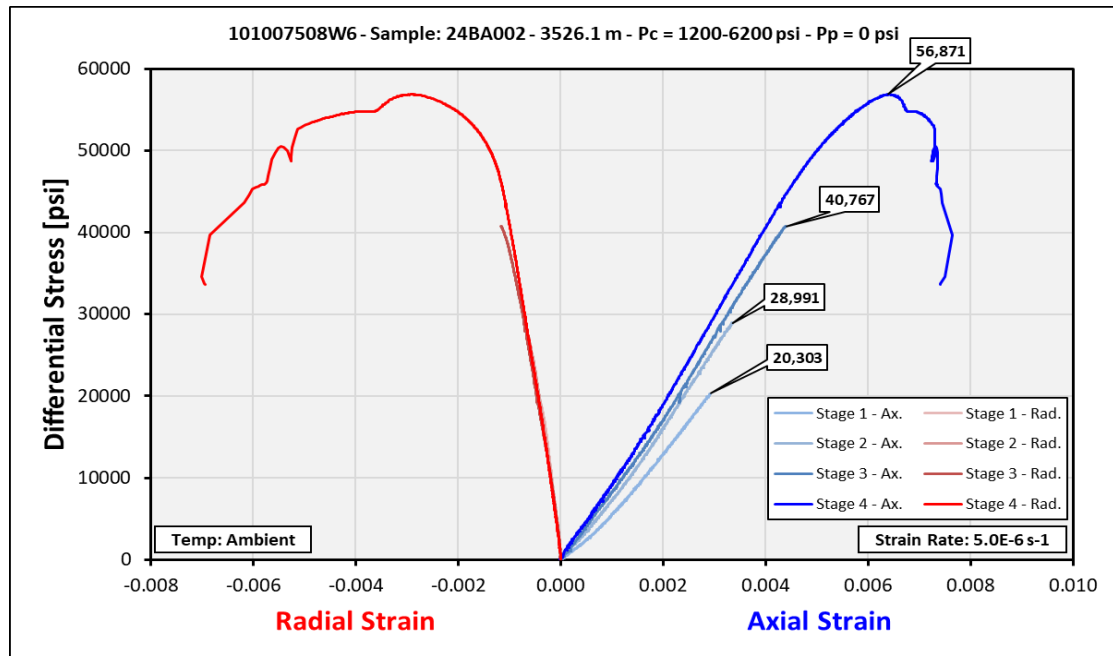


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

Date: 31-Mar-2025  
File: 202500182  
Saturated Fluid: As-Received

### Result of Triaxial Compressive Strength Test

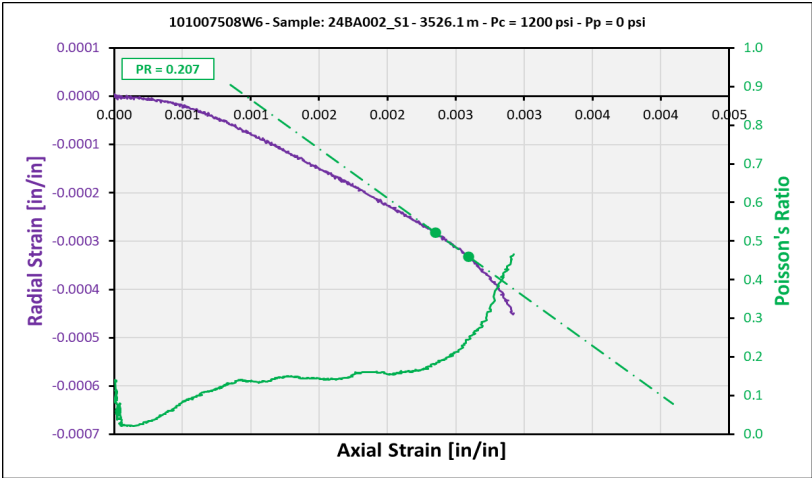
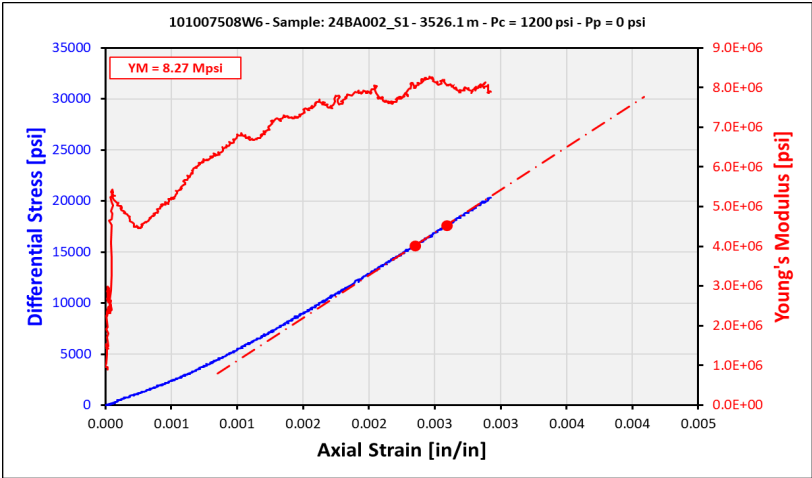


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

Date: 31-Mar-2025  
File: 202500182  
Saturated Fluid: As-Received

Result of Triaxial Compressive Strength Test - Stage 1

| Sample Information                        |             | Results                            |           |
|---|-------------|------------------------------------|-----------|
| Sample Name:                              | 24BA002_S1  | Max. Compressive Stress [psi]:     | 21503     |
| Depth [m]:                                | 3526.10     | Scaled Compressive Strength [psi]: | 29929     |
| Length [in]:                              | 2.8473      | Static Elastic Parameters          |           |
| Diameter [in]:                            | 1.4758      |                                    |           |
| L:D Ratio:                                | 1.929       | YM & PR                            |           |
| As-Received Mass [g]:                     | 220.000     | Range                              |           |
| As-Received Density [g/cm <sup>3</sup> ]: | 2.756       | Young's Modulus [Mpsi]:            | 7.67 45%  |
| Tested Mass [g]:                          | 220.000     | Poisson's Ratio:                   | 0.143 55% |
| Tested Density [g/cm <sup>3</sup> ]:      | 2.756       | Young's Modulus [Mpsi]:            | 8.27 77%  |
| Saturation State:                         | As-Received | Poisson's Ratio:                   | 0.207 87% |
| Testing Conditions                        |             | Young's Modulus [Mpsi]:            | 7.27 30%  |
|   |             | Poisson's Ratio:                   | 0.146 50% |
| Confining Pressure [psi]:                 | 1200        | Young's Modulus [Mpsi]:            | 7.62 33%  |
| Pore Pressure [psi]:                      | 0           | Poisson's Ratio:                   | 0.149 67% |
| Temperature [°F]:                         | 385.3       | Young's Modulus [Mpsi]:            | 6.71 26%  |
| Nominal Strain Rate [s <sup>-1</sup> ]:   | 5.0E-06     | Poisson's Ratio:                   | 0.140 36% |

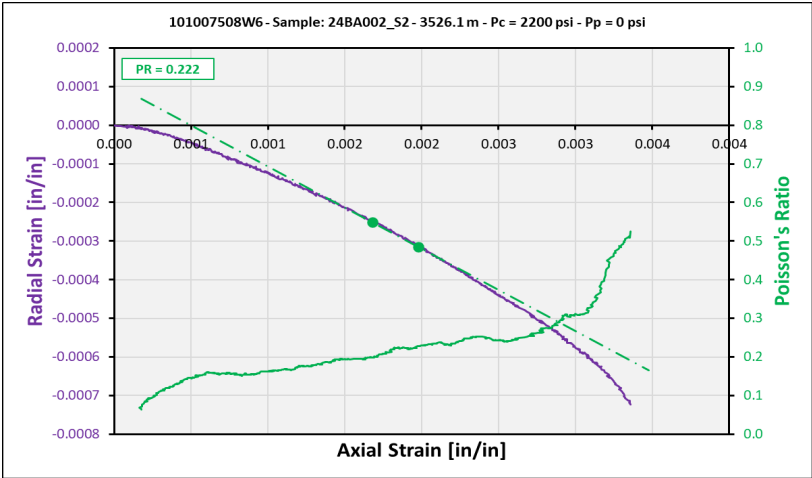
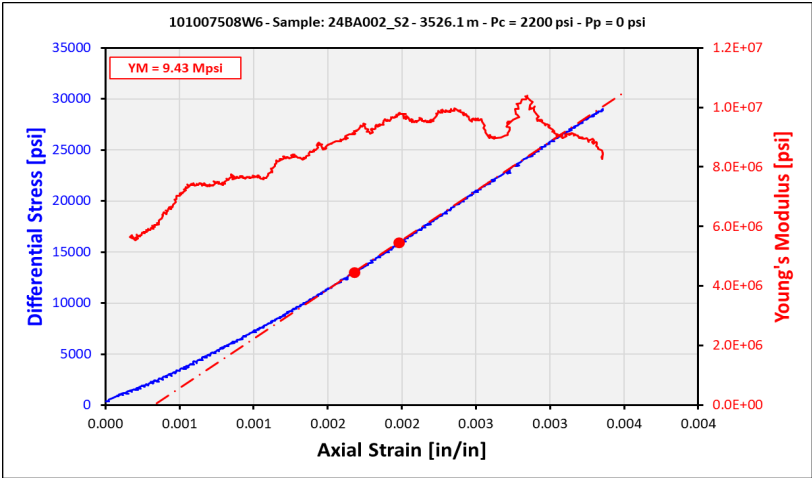


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

Date: 31-Mar-2025  
File: 202500182  
Saturated Fluid: As-Received

Result of Triaxial Compressive Strength Test - Stage 2

| Sample Information                        |             | Results                            |           |
|---|-------------|------------------------------------|-----------|
| Sample Name:                              | 24BA002_S2  | Max. Compressive Stress [psi]:     | 31191     |
| Depth [m]:                                | 3526.10     | Scaled Compressive Strength [psi]: | 36557     |
| Length [in]:                              | 2.8473      | Static Elastic Parameters          |           |
| Diameter [in]:                            | 1.4758      | YM & PR                            |           |
| L:D Ratio:                                | 1.929       | Range                              |           |
| As-Received Mass [g]:                     | 220.000     | Young's Modulus [Mpsi]:            | 9.43 45%  |
| As-Received Density [g/cm <sup>3</sup> ]: | 2.756       | Poisson's Ratio:                   | 0.222 55% |
| Tested Mass [g]:                          | 220.000     | Young's Modulus [Mpsi]:            | 10.10 79% |
| Tested Density [g/cm <sup>3</sup> ]:      | 2.756       | Poisson's Ratio:                   | 0.286 89% |
| Saturation State:                         | As-Received | Young's Modulus [Mpsi]:            | 8.83 30%  |
| Testing Conditions                        |             | Poisson's Ratio:                   | 0.193 50% |
| Confining Pressure [psi]:                 | 2200        | Young's Modulus [Mpsi]:            | 9.36 33%  |
| Pore Pressure [psi]:                      | 0           | Poisson's Ratio:                   | 0.215 67% |
| Temperature [°F]:                         | 383.6       | Young's Modulus [Mpsi]:            | 7.56 15%  |
| Nominal Strain Rate [s <sup>-1</sup> ]:   | 5.0E-06     | Poisson's Ratio:                   | 0.156 25% |

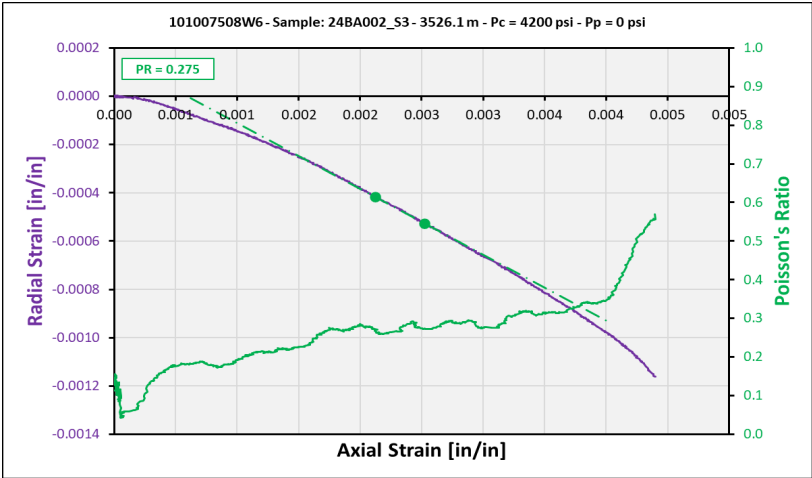
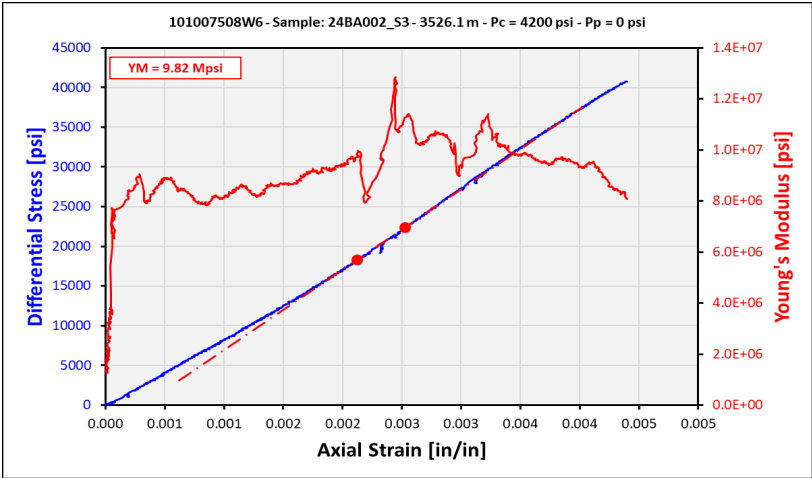


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

Date: 31-Mar-2025  
File: 202500182  
Saturated Fluid: As-Received

Result of Triaxial Compressive Strength Test - Stage 3

| Sample Information                        |             |  | Results                            |       |     |
|---|-------------|--|------------------------------------|-------|-----|
| Sample Name:                              | 24BA002_S3  |  | Max. Compressive Stress [psi]:     | 44967 |     |
| Depth [m]:                                | 3526.10     |  | Scaled Compressive Strength [psi]: | 49814 |     |
| Length [in]:                              | 2.8473      |  | Static Elastic Parameters          |       |     |
| Diameter [in]:                            | 1.4758      |  | YM & PR                            |       |     |
| L:D Ratio:                                | 1.929       |  | Range                              |       |     |
| As-Received Mass [g]:                     | 220.000     |  | Young's Modulus [Mpsi]:            | 9.82  | 45% |
| As-Received Density [g/cm <sup>3</sup> ]: | 2.756       |  | Poisson's Ratio:                   | 0.275 | 55% |
| Tested Mass [g]:                          | 220.000     |  | Young's Modulus [Mpsi]:            | 11.27 | 49% |
| Tested Density [g/cm <sup>3</sup> ]:      | 2.756       |  | Poisson's Ratio:                   | 0.282 | 59% |
| Saturation State:                         | As-Received |  | Young's Modulus [Mpsi]:            | 9.09  | 25% |
| Testing Conditions                        |             |  | Poisson's Ratio:                   | 0.259 | 50% |
| Confining Pressure [psi]:                 | 4200        |  | Young's Modulus [Mpsi]:            | 10.02 | 33% |
| Pore Pressure [psi]:                      | 0           |  | Poisson's Ratio:                   | 0.279 | 67% |
| Temperature [°F]:                         | 382.3       |  | Young's Modulus [Mpsi]:            | 8.68  | 6%  |
| Nominal Strain Rate [s-1]:                | 5.0E-06     |  | Poisson's Ratio:                   | 0.179 | 16% |



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Well: Multiple Wells  
Field: #N/A  
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Result of Triaxial Compressive Strength Test - Stage 4

| Sample Information                        |             | Results                     |           |
|---|-------------|-----------------------------|-----------|
| Sample Name:                              | 24BA002_S4  | Compressive Strength [psi]: | 63071     |
| Depth [m]:                                | 3526.10     | Static Elastic Parameters   |           |
| Length [in]:                              | 2.8473      |                             |           |
| Diameter [in]:                            | 1.4758      | YM & PR                     |           |
| L:D Ratio:                                | 1.929       | Range                       |           |
| As-Received Mass [g]:                     | 220.000     | Young's Modulus [Mpsi]:     | 10.90 45% |
| As-Received Density [g/cm <sup>3</sup> ]: | 2.756       | Poisson's Ratio:            | 0.285 55% |
| Tested Mass [g]:                          | 220.000     | Young's Modulus [Mpsi]:     | 11.07 50% |
| Tested Density [g/cm <sup>3</sup> ]:      | 2.756       | Poisson's Ratio:            | 0.287 60% |
| Saturation State:                         | As-Received | Young's Modulus [Mpsi]:     | 10.38 20% |
| Testing Conditions                        |             | Poisson's Ratio:            | 0.260 45% |
| Confining Pressure [psi]:                 | 6200        | Young's Modulus [Mpsi]:     | 10.88 33% |
| Pore Pressure [psi]:                      | 0           | Poisson's Ratio:            | 0.285 67% |
| Temperature [°F]:                         | 380.1       | Young's Modulus [Mpsi]:     | 8.51 1%   |
| Nominal Strain Rate [s <sup>-1</sup> ]:   | 5.0E-06     | Poisson's Ratio:            | 0.174 11% |

