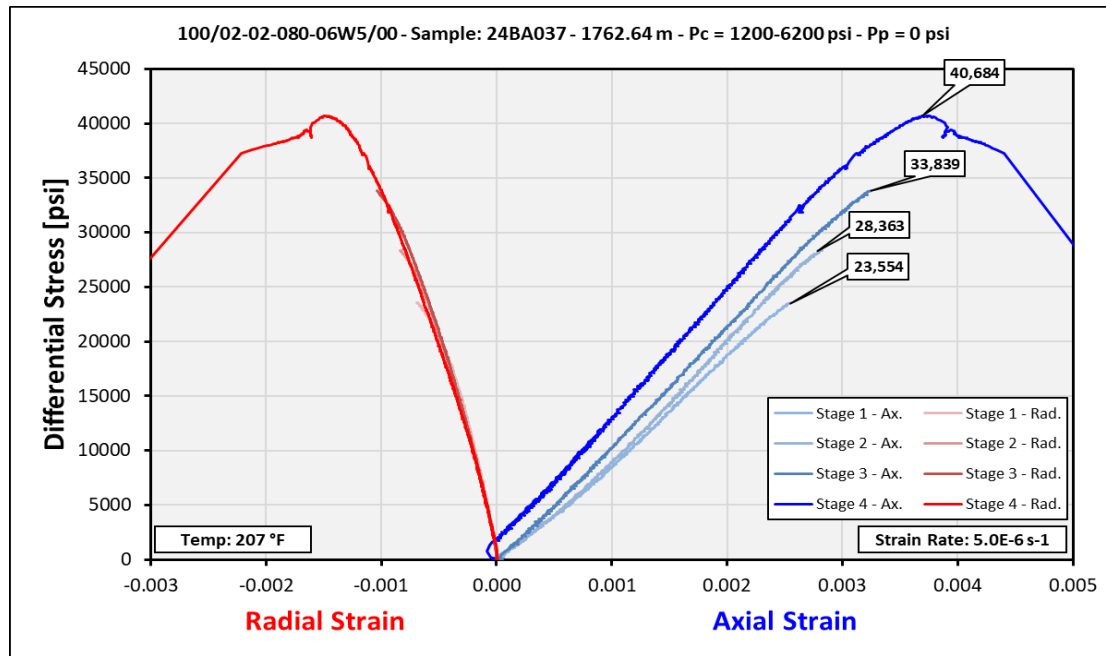


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

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

### Result of Triaxial Compressive Strength Test

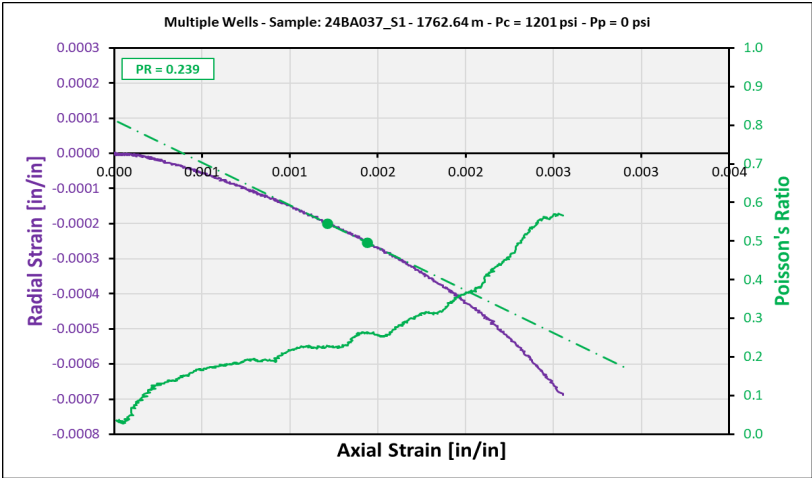
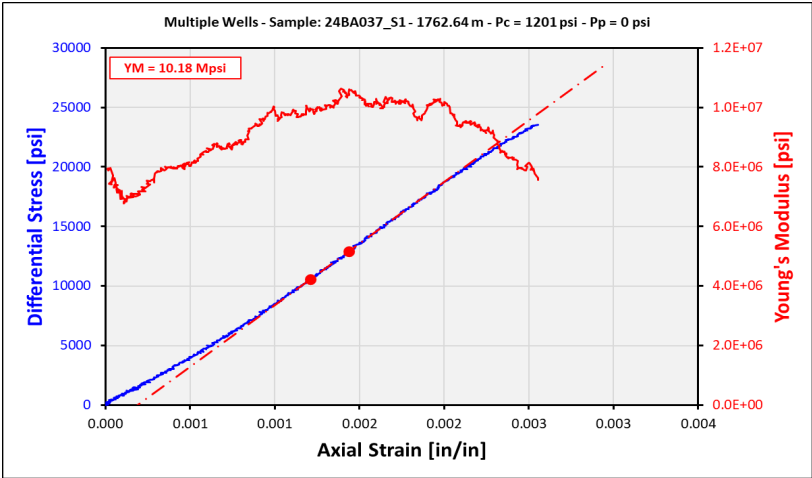


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 1

| Sample Information                        |             |  | Results                            |       |     |
|---|-------------|--|------------------------------------|-------|-----|
| Sample Name:                              | 24BA037_S1  |  | Max. Compressive Stress [psi]:     | 24755 |     |
| Depth (m):                                | 1762.64     |  | Scaled Compressive Strength [psi]: | 24546 |     |
| Length [in]:                              | 1.9453      |  | Static Elastic Parameters          |       |     |
| Diameter [in]:                            | 0.9991      |  | YM & PR Range                      |       |     |
| L:D Ratio:                                | 1.947       |  | Young's Modulus [Mpsi]:            | 10.18 | 45% |
| As-Received Mass [g]:                     | 68.800      |  | Poisson's Ratio:                   | 0.239 | 55% |
| As-Received Density [g/cm <sup>3</sup> ]: | 2.753       |  | Young's Modulus [Mpsi]:            | 10.51 | 51% |
| Tested Mass [g]:                          | 68.800      |  | Poisson's Ratio:                   | 0.262 | 61% |
| Tested Density [g/cm <sup>3</sup> ]:      | 2.753       |  | Young's Modulus [Mpsi]:            | 9.85  | 30% |
| Saturation State:                         | As-Received |  | Poisson's Ratio:                   | 0.222 | 50% |
| Testing Conditions                        |             |  | Young's Modulus [Mpsi]:            | 10.16 | 33% |
| Confining Pressure [psi]:                 | 1201        |  | Poisson's Ratio:                   | 0.244 | 67% |
| Pore Pressure [psi]:                      | 0           |  | Young's Modulus [Mpsi]:            | 8.11  | 9%  |
| Temperature [°F]:                         | Ambient     |  | Poisson's Ratio:                   | 0.155 | 19% |
| Nominal Strain Rate [s <sup>-1</sup> ]:   | 5.0E-06     |  |                                    |       |     |

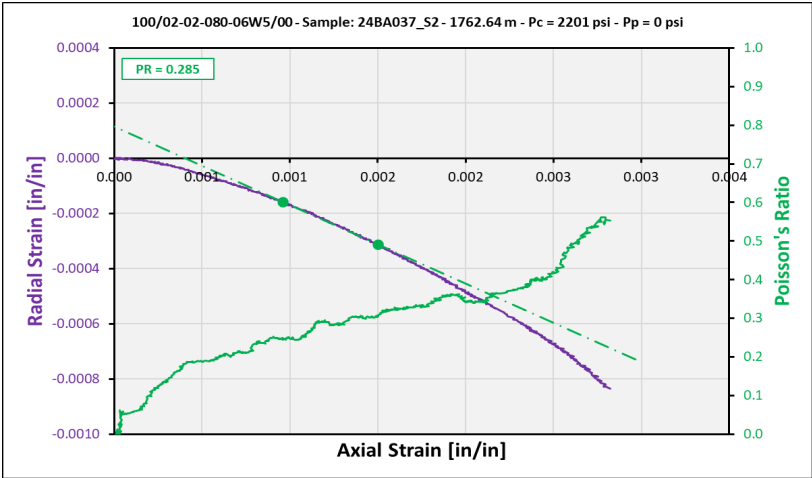
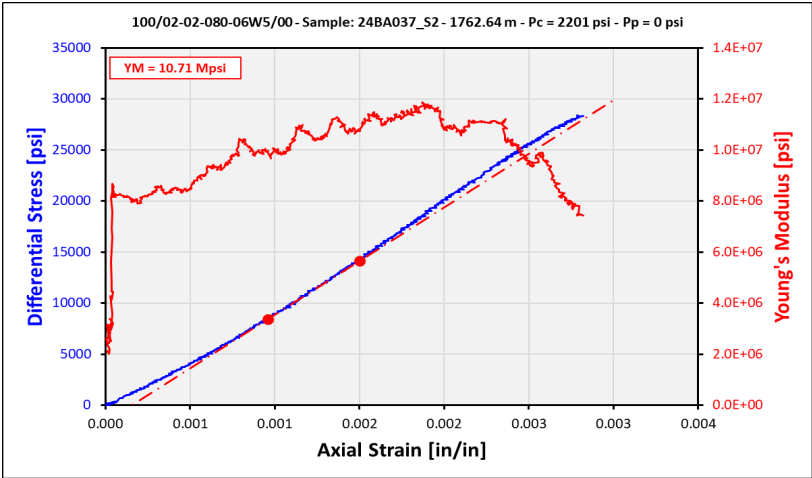


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 2

| Sample Information                        |             |  | Results                            |       |     |
|---|-------------|--|------------------------------------|-------|-----|
| Sample Name:                              | 24BA037_S2  |  | Max. Compressive Stress [psi]:     | 30564 |     |
| Depth (m):                                | 1762.64     |  | Scaled Compressive Strength [psi]: | 29018 |     |
| Length [in]:                              | 1.9453      |  | Static Elastic Parameters          |       |     |
| Diameter [in]:                            | 0.9991      |  | YM & PR                            |       |     |
| L:D Ratio:                                | 1.947       |  | Range                              |       |     |
| As-Received Mass [g]:                     | 68.800      |  | Young's Modulus [Mpsi]:            | 10.98 | 45% |
| As-Received Density [g/cm <sup>3</sup> ]: | 2.753       |  | Poisson's Ratio:                   | 0.310 | 55% |
| Tested Mass [g]:                          | 68.800      |  | Young's Modulus [Mpsi]:            | 11.79 | 59% |
| Tested Density [g/cm <sup>3</sup> ]:      | 2.753       |  | Poisson's Ratio:                   | 0.351 | 69% |
| Saturation State:                         | As-Received |  | Young's Modulus [Mpsi]:            | 10.71 | 30% |
| Testing Conditions                        |             |  | Poisson's Ratio:                   | 0.285 | 50% |
| Confining Pressure [psi]:                 | 2201        |  | Young's Modulus [Mpsi]:            | 11.16 | 33% |
| Pore Pressure [psi]:                      | 0           |  | Poisson's Ratio:                   | 0.312 | 67% |
| Temperature [°F]:                         | Ambient     |  | Young's Modulus [Mpsi]:            | 8.39  | 4%  |
| Nominal Strain Rate [s <sup>-1</sup> ]:   | 5.0E-06     |  | Poisson's Ratio:                   | 0.148 | 14% |

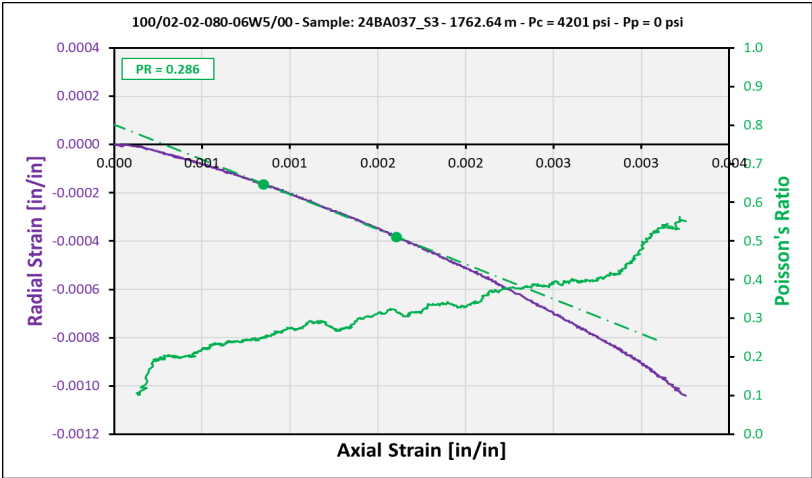
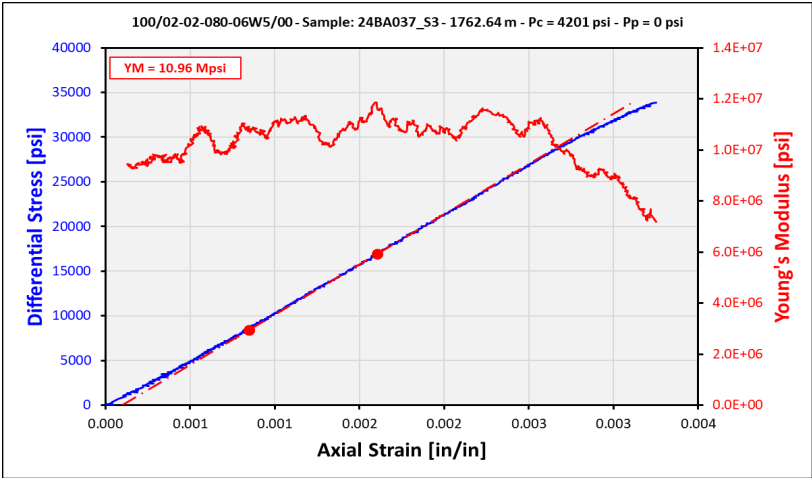


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 3

| Sample Information                        |             | Results                            |           |
|---|-------------|------------------------------------|-----------|
| Sample Name:                              | 24BA037_S3  | Max. Compressive Stress [psi]:     | 38040     |
| Depth (m):                                | 1762.64     | Scaled Compressive Strength [psi]: | 37954     |
| Length [in]:                              | 1.9453      | Static Elastic Parameters          |           |
| Diameter [in]:                            | 0.9991      |                                    |           |
| L:D Ratio:                                | 1.947       | YM & PR                            |           |
| As-Received Mass [g]:                     | 68.800      | Range                              |           |
| As-Received Density [g/cm <sup>3</sup> ]: | 2.753       | Young's Modulus [Mpsi]:            | 11.36 45% |
| Tested Mass [g]:                          | 68.800      | Poisson's Ratio:                   | 0.314 55% |
| Tested Density [g/cm <sup>3</sup> ]:      | 2.753       | Young's Modulus [Mpsi]:            | 11.51 67% |
| Saturation State:                         | As-Received | Poisson's Ratio:                   | 0.382 77% |
| Testing Conditions                        |             | Young's Modulus [Mpsi]:            | 10.96 25% |
|   |             | Poisson's Ratio:                   | 0.286 50% |
| Confining Pressure [psi]:                 | 4201        | Young's Modulus [Mpsi]:            | 11.04 33% |
| Pore Pressure [psi]:                      | 0           | Poisson's Ratio:                   | 0.314 67% |
| Temperature [°F]:                         | Ambient     | Young's Modulus [Mpsi]:            | #N/A #N/A |
| Nominal Strain Rate [s <sup>-1</sup> ]:   | 5.0E-06     | Poisson's Ratio:                   | #N/A #N/A |



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Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

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

#### Result of Triaxial Compressive Strength Test - Stage 4

| Sample Information                        |             | Results                     |           |
|---|-------------|-----------------------------|-----------|
| Sample Name:                              | 24BA037_S4  | Compressive Strength [psi]: | 46884     |
| Depth (m):                                | 1762.64     | Static Elastic Parameters   |           |
| Length [in]:                              | 1.9453      |                             |           |
| Diameter [in]:                            | 0.9991      | YM & PR Range               |           |
| L:D Ratio:                                | 1.947       |                             |           |
| As-Received Mass [g]:                     | 68.800      | Young's Modulus [Mpsi]:     | 10.93 45% |
| As-Received Density [g/cm <sup>3</sup> ]: | 2.753       | Poisson's Ratio:            | 0.356 55% |
| Tested Mass [g]:                          | 68.800      | Young's Modulus [Mpsi]:     | 11.31 58% |
| Tested Density [g/cm <sup>3</sup> ]:      | 2.753       | Poisson's Ratio:            | 0.382 68% |
| Saturation State:                         | As-Received | Young's Modulus [Mpsi]:     | 11.19 20% |
| Testing Conditions                        |             | Poisson's Ratio:            | 0.329 45% |
|   |             | Young's Modulus [Mpsi]:     | 11.14 33% |
| Confining Pressure [psi]:                 | 6200        | Poisson's Ratio:            | 0.363 67% |
| Pore Pressure [psi]:                      | 0           | Young's Modulus [Mpsi]:     | #N/A #N/A |
| Temperature [°F]:                         | Ambient     | Poisson's Ratio:            | #N/A #N/A |
| Nominal Strain Rate [s <sup>-1</sup> ]:   | 5.0E-06     | Young's Modulus [Mpsi]:     | #N/A #N/A |

