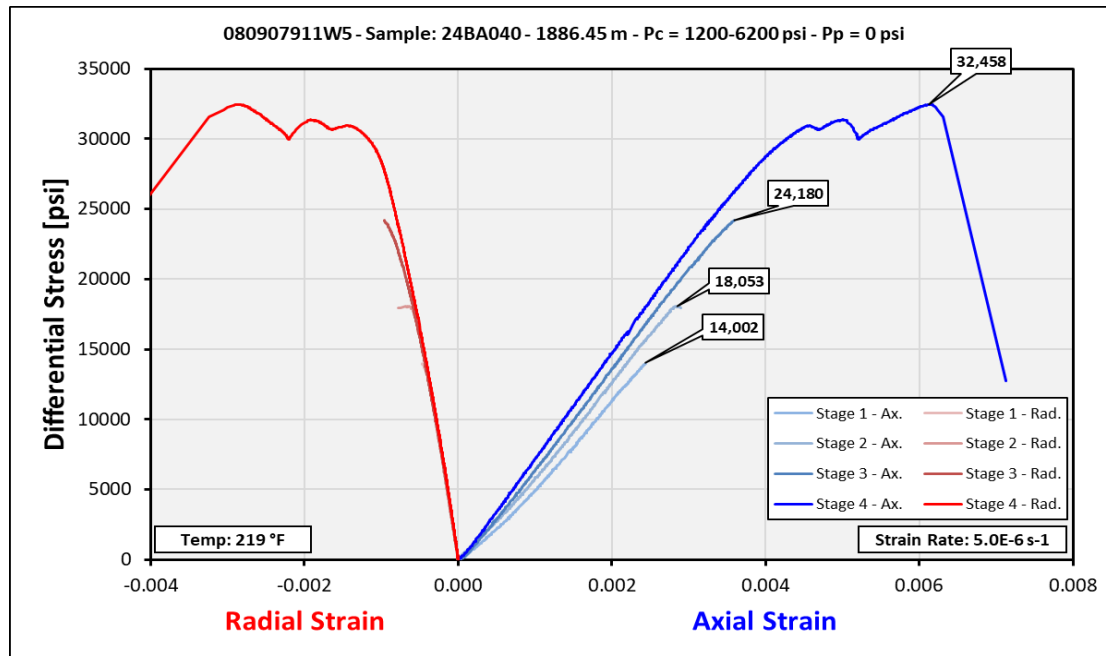


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

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

### Result of Triaxial Compressive Strength Test

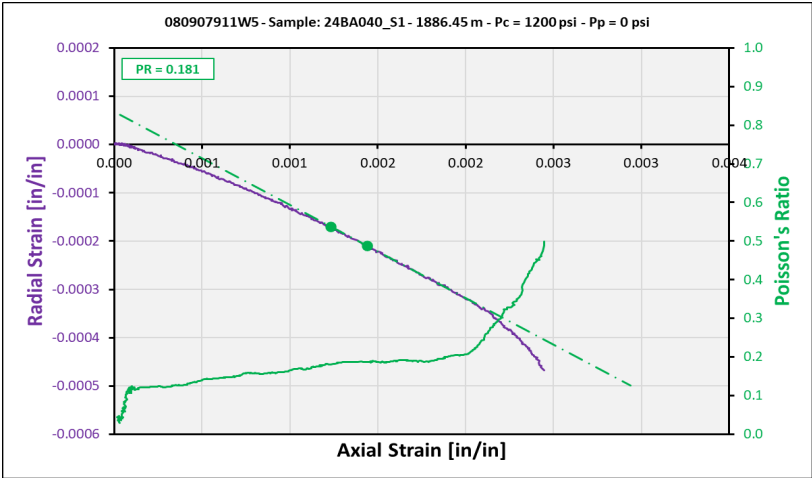
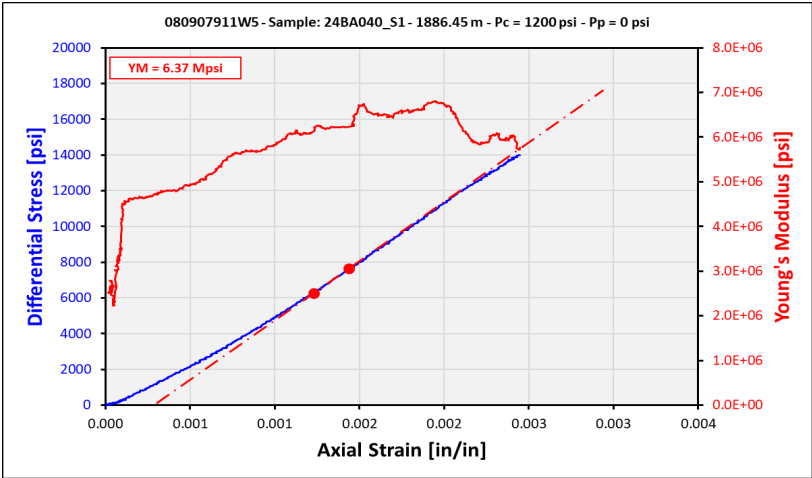


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 1

Sample Information		Results	
Sample Name:	24BA040_S1	Max. Compressive Stress [psi]:	15202
Depth [m]:	1886.45	Scaled Compressive Strength [psi]:	18390
Length [in]:	2.7251	Static Elastic Parameters	
Diameter [in]:	1.4749	YM & PR	
L:D Ratio:	1.848	Range	
As-Received Mass [g]:	201.200	Young's Modulus [Mpsi]:	6.37 45%
As-Received Density [g/cm <sup>3</sup> ]:	2.637	Poisson's Ratio:	0.181 55%
Tested Mass [g]:	201.200	Young's Modulus [Mpsi]:	6.83 75%
Tested Density [g/cm <sup>3</sup> ]:	2.637	Poisson's Ratio:	0.208 85%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	6.01 30%
Testing Conditions		Poisson's Ratio:	0.173 50%
Confining Pressure [psi]:	1200	Young's Modulus [Mpsi]:	6.25 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.183 67%
Temperature [°F]:	219.0	Young's Modulus [Mpsi]:	5.23 16%
Nominal Strain Rate [s <sup>-1</sup> ]:	5.0E-06	Poisson's Ratio:	0.148 26%

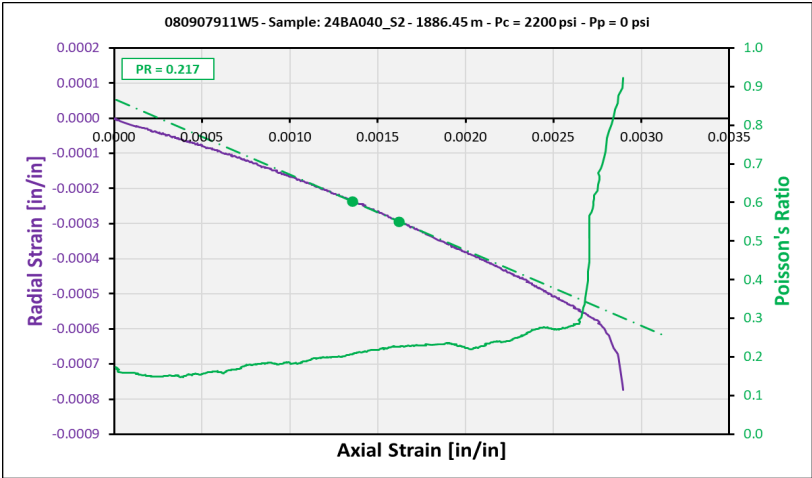
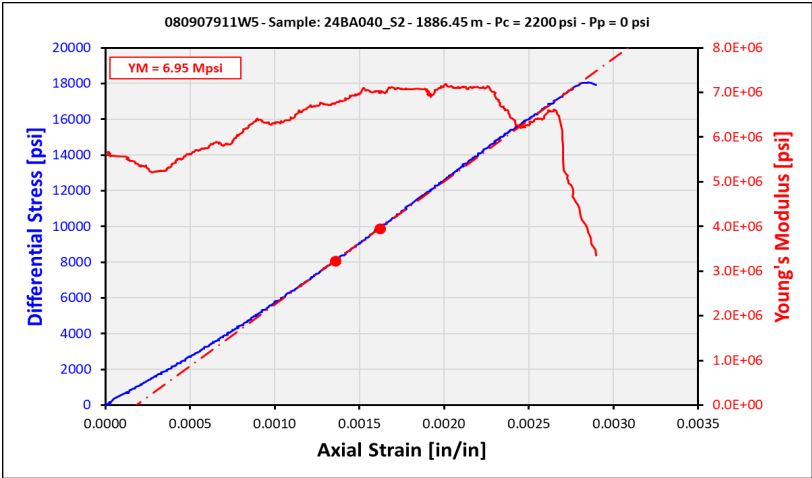


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 2

Sample Information		Results	
Sample Name:	24BA040_S2	Max. Compressive Stress [psi]:	20253
Depth [m]:	1886.45	Scaled Compressive Strength [psi]:	22444
Length [in]:	2.7251	Static Elastic Parameters	
Diameter [in]:	1.4749	YM & PR Range	
L:D Ratio:	1.848	Young's Modulus [Mpsi]:	6.95 45%
As-Received Mass [g]:	201.200	Poisson's Ratio:	0.217 55%
As-Received Density [g/cm <sup>3</sup> ]:	2.637	Young's Modulus [Mpsi]:	7.16 66%
Tested Mass [g]:	201.200	Poisson's Ratio:	0.224 76%
Tested Density [g/cm <sup>3</sup> ]:	2.637	Young's Modulus [Mpsi]:	6.64 30%
Saturation State:	As-Received	Poisson's Ratio:	0.199 50%
Testing Conditions		Young's Modulus [Mpsi]:	6.91 33%
Confining Pressure [psi]:	2200	Poisson's Ratio:	0.217 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	5.38 7%
Temperature [°F]:	219.0	Poisson's Ratio:	0.153 17%
Nominal Strain Rate [s-1]:	5.0E-06		

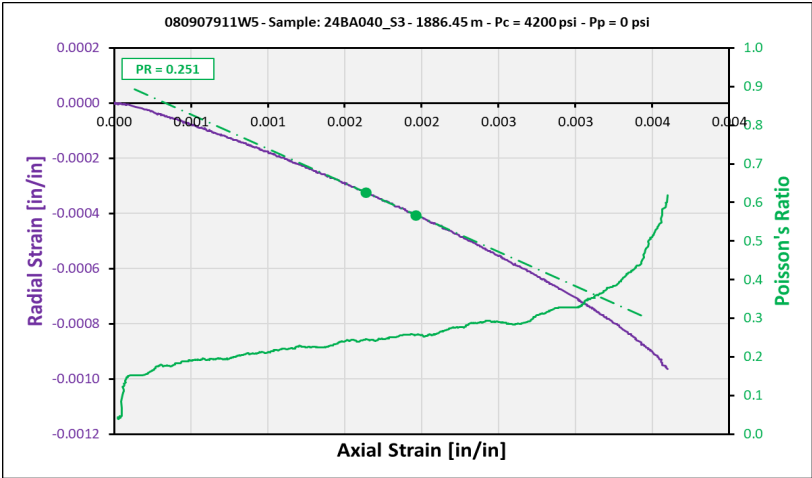
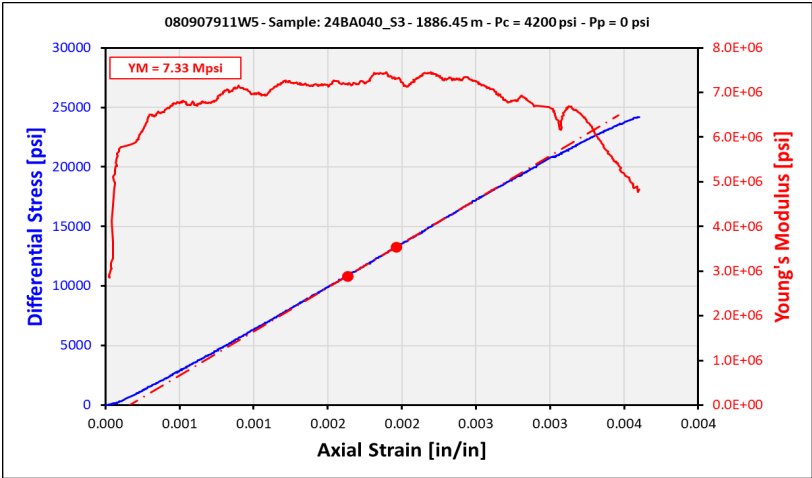


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 3

Sample Information		Results	
Sample Name:	24BA040_S3	Max. Compressive Stress [psi]:	28380
Depth [m]:	1886.45	Scaled Compressive Strength [psi]:	30551
Length [in]:	2.7251	Static Elastic Parameters	
Diameter [in]:	1.4749		
L:D Ratio:	1.848	YM & PR	
As-Received Mass [g]:	201.200	Range	
As-Received Density [g/cm <sup>3</sup> ]:	2.637	Young's Modulus [Mpsi]:	7.33 45%
Tested Mass [g]:	201.200	Poisson's Ratio:	0.251 55%
Tested Density [g/cm <sup>3</sup> ]:	2.637	Young's Modulus [Mpsi]:	7.40 47%
Saturation State:	As-Received	Poisson's Ratio:	0.253 57%
Testing Conditions		Young's Modulus [Mpsi]:	7.13 20%
		Poisson's Ratio:	0.224 45%
Confining Pressure [psi]:	4200	Young's Modulus [Mpsi]:	7.28 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.251 67%
Temperature [°F]:	219.0	Young's Modulus [Mpsi]:	#N/A #N/A
Nominal Strain Rate [s-1]:	5.0E-06	Poisson's Ratio:	#N/A #N/A



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 4

Sample Information		Results	
Sample Name:	24BA040_S4	Compressive Strength [psi]:	38658
Depth [m]:	1886.45	Static Elastic Parameters	
Length [in]:	2.7251		
Diameter [in]:	1.4749	YM & PR	
L:D Ratio:	1.848	Range	
As-Received Mass [g]:	201.200	Young's Modulus [Mpsi]:	7.48 45%
As-Received Density [g/cm <sup>3</sup> ]:	2.637	Poisson's Ratio:	0.263 55%
Tested Mass [g]:	201.200	Young's Modulus [Mpsi]:	7.62 23%
Tested Density [g/cm <sup>3</sup> ]:	2.637	Poisson's Ratio:	0.232 33%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	7.57 15%
Testing Conditions		Poisson's Ratio:	0.233 40%
		Young's Modulus [Mpsi]:	7.51 33%
Confining Pressure [psi]:	6200	Poisson's Ratio:	0.267 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	#N/A #N/A
Temperature [°F]:	219.0	Poisson's Ratio:	#N/A #N/A
Nominal Strain Rate [s-1]:	5.0E-06		

