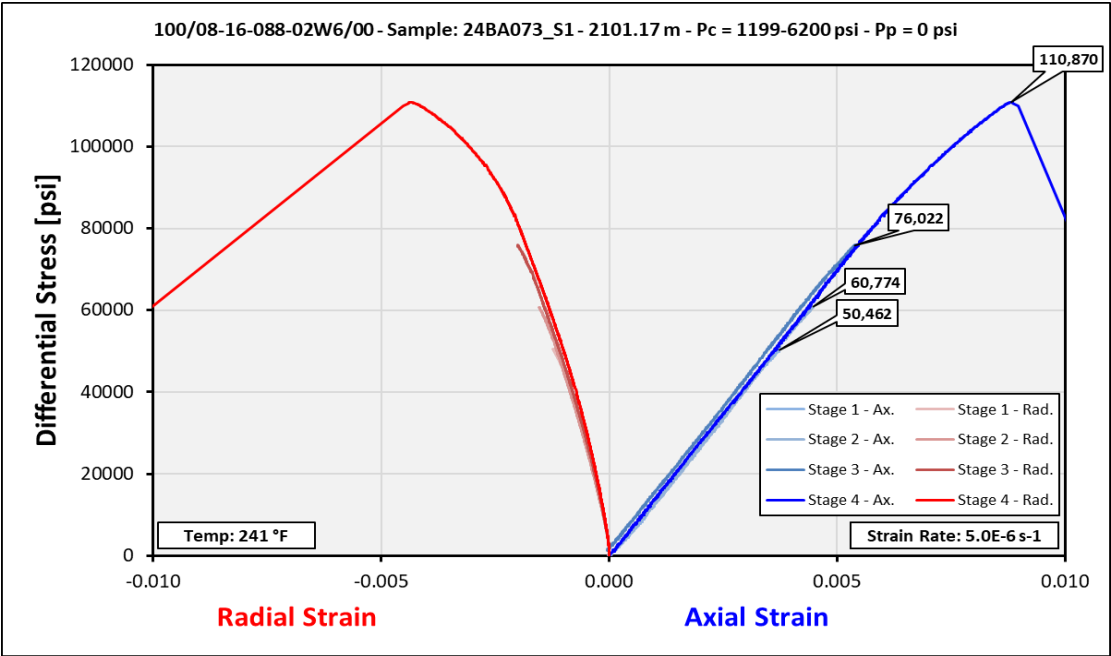


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test

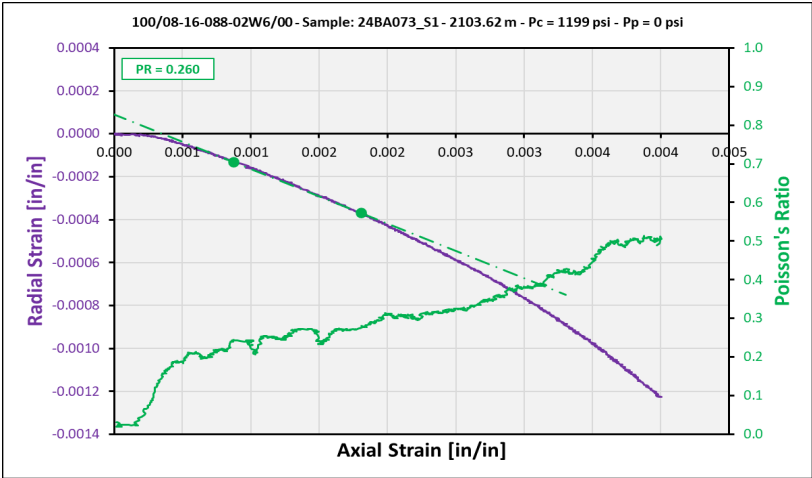
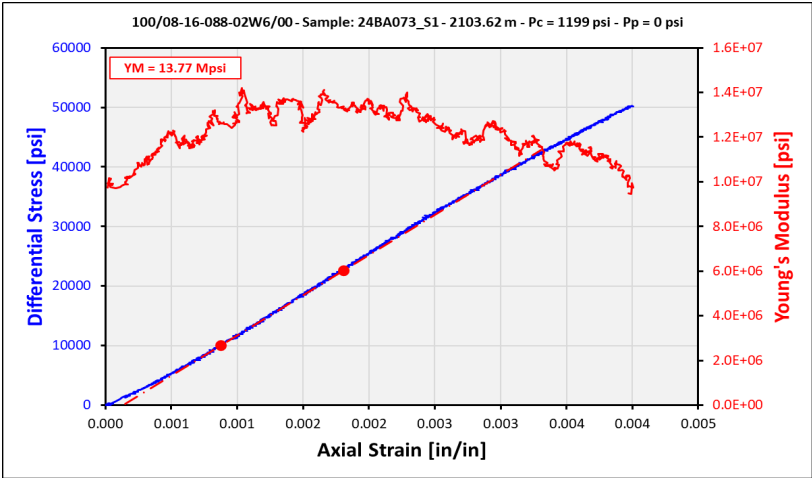


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 1

Sample Information		Results	
Sample Name:	24BA073_S1	Max. Compressive Stress [psi]:	51441
Depth [m]:	2103.62	Scaled Compressive Strength [psi]:	73934
Length [in]:	2.0193	Static Elastic Parameters	
Diameter [in]:	0.9789		
L:D Ratio:	2.063	YM & PR	
As-Received Mass [g]:	65.100	Young's Modulus [Mpsi]:	13.73 45%
As-Received Density [g/cm ³]:	2.614	Poisson's Ratio:	0.305 55%
Tested Mass [g]:	65.100	Young's Modulus [Mpsi]:	13.83 38%
Tested Density [g/cm ³]:	2.614	Poisson's Ratio:	0.276 48%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	13.77 20%
Testing Conditions		Poisson's Ratio:	0.260 45%
		Young's Modulus [Mpsi]:	13.76 33%
Confining Pressure [psi]:	1199	Poisson's Ratio:	0.298 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	11.90 5%
Temperature [°F]:	239.6	Poisson's Ratio:	0.185 15%
Nominal Strain Rate [s ⁻¹]:	5.0E-06		

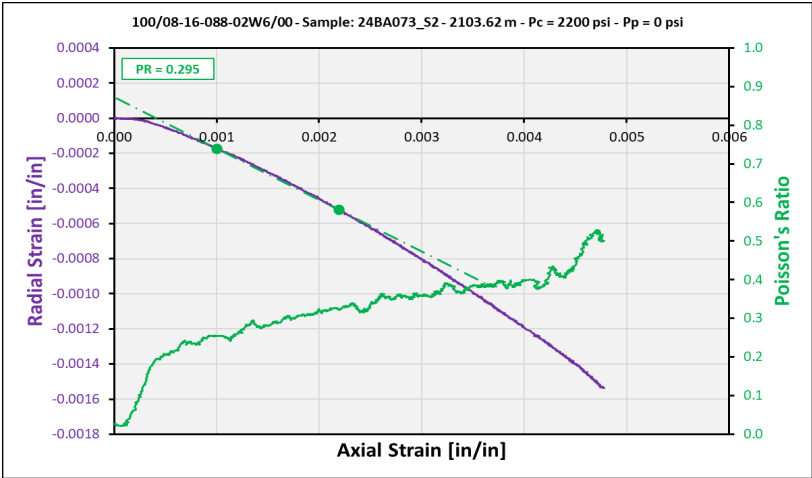
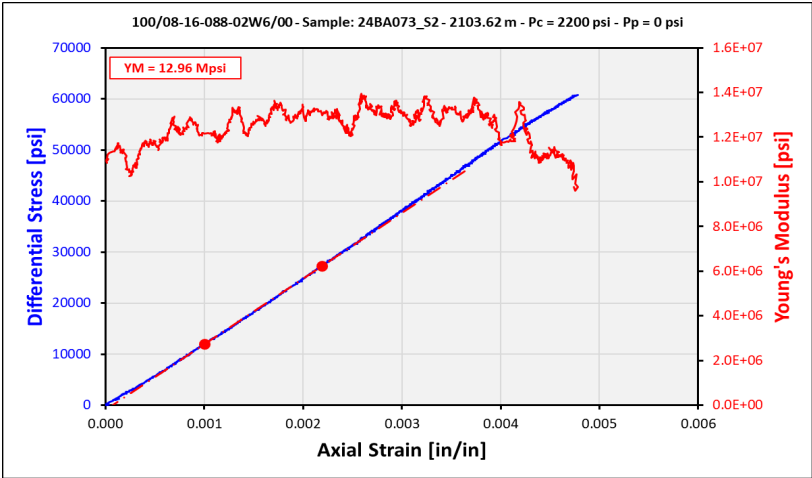


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 2

Sample Information			Results		
Sample Name:	24BA073_S2		Max. Compressive Stress [psi]:	62936	
Depth [m]:	2103.62		Scaled Compressive Strength [psi]:	82546	
Length [in]:	2.0193		Static Elastic Parameters		
Diameter [in]:	0.9789		YM & PR		
L:D Ratio:	2.063		Young's Modulus [Mpsi]:	13.01	45%
As-Received Mass [g]:	65.100		Poisson's Ratio:	0.336	55%
As-Received Density [g/cm ³]:	2.614		Young's Modulus [Mpsi]:	13.64	51%
Tested Mass [g]:	65.100		Poisson's Ratio:	0.361	61%
Tested Density [g/cm ³]:	2.614		Young's Modulus [Mpsi]:	12.96	20%
Saturation State:	As-Received		Poisson's Ratio:	0.295	45%
Testing Conditions			Young's Modulus [Mpsi]:	13.31	33%
Confining Pressure [psi]:	2200		Poisson's Ratio:	0.340	67%
Pore Pressure [psi]:	0		Young's Modulus [Mpsi]:	11.52	3%
Temperature [°F]:	241.4		Poisson's Ratio:	0.178	13%
Nominal Strain Rate [s ⁻¹]:	5.0E-06				

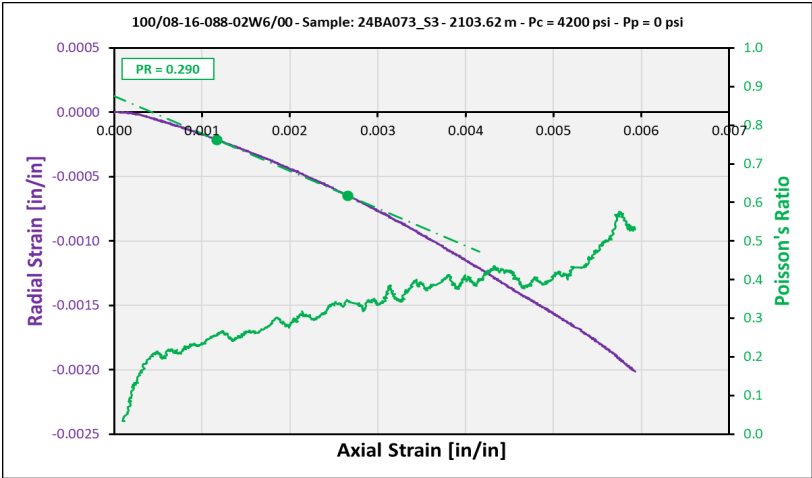
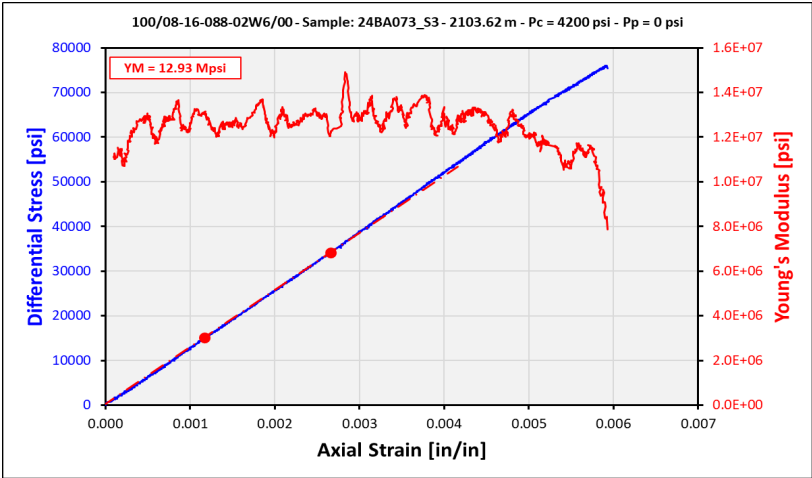


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 3

Sample Information		Results	
Sample Name:	24BA073_S3	Max. Compressive Stress [psi]:	80185
Depth [m]:	2103.62	Scaled Compressive Strength [psi]:	99753
Length [in]:	2.0193	Static Elastic Parameters	
Diameter [in]:	0.9789		
L:D Ratio:	2.063	YM & PR	
As-Received Mass [g]:	65.100	Young's Modulus [Mpsi]:	13.46 45%
As-Received Density [g/cm ³]:	2.614	Poisson's Ratio:	0.350 55%
Tested Mass [g]:	65.100	Young's Modulus [Mpsi]:	13.51 57%
Tested Density [g/cm ³]:	2.614	Poisson's Ratio:	0.394 67%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	12.93 20%
Testing Conditions		Poisson's Ratio:	0.290 45%
		Young's Modulus [Mpsi]:	13.24 33%
Confining Pressure [psi]:	4200	Poisson's Ratio:	0.350 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	12.28 0%
Temperature [°F]:	241.5	Poisson's Ratio:	0.145 10%
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 4

Sample Information		Results	
Sample Name:	24BA073_S4	Compressive Strength [psi]: 116960	
Depth [m]:	2103.62	Static Elastic Parameters	
Length [in]:	2.0193		
Diameter [in]:	0.9789	YM & PR	
L:D Ratio:	2.063		
As-Received Mass [g]:	65.100	Young's Modulus [Mpsi]:	13.10 45%
As-Received Density [g/cm ³]:	2.614	Poisson's Ratio:	0.404 55%
Tested Mass [g]:	65.100	Young's Modulus [Mpsi]:	13.42 51%
Tested Density [g/cm ³]:	2.614	Poisson's Ratio:	0.425 61%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	12.86 20%
Testing Conditions		Poisson's Ratio:	0.311 45%
		Young's Modulus [Mpsi]:	13.20 33%
Confining Pressure [psi]:	6200	Poisson's Ratio:	0.398 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	#N/A #N/A
Temperature [°F]:	242.3	Poisson's Ratio:	#N/A #N/A
Nominal Strain Rate [s ⁻¹]:	5.0E-06	Young's Modulus [Mpsi]:	#N/A #N/A

