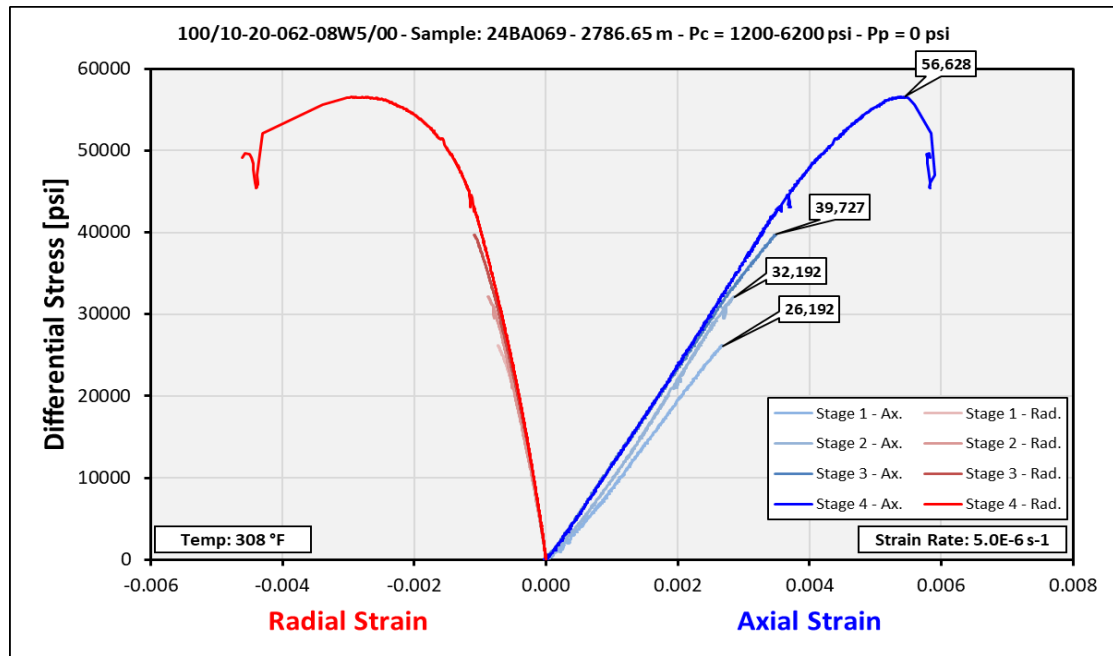


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test

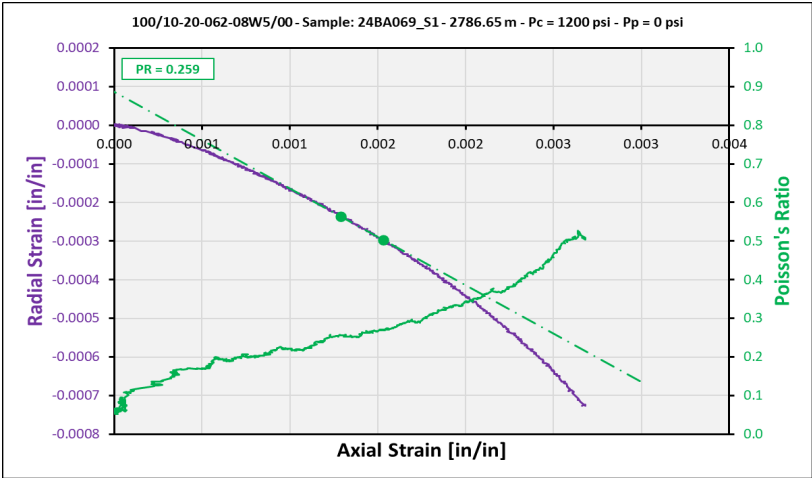
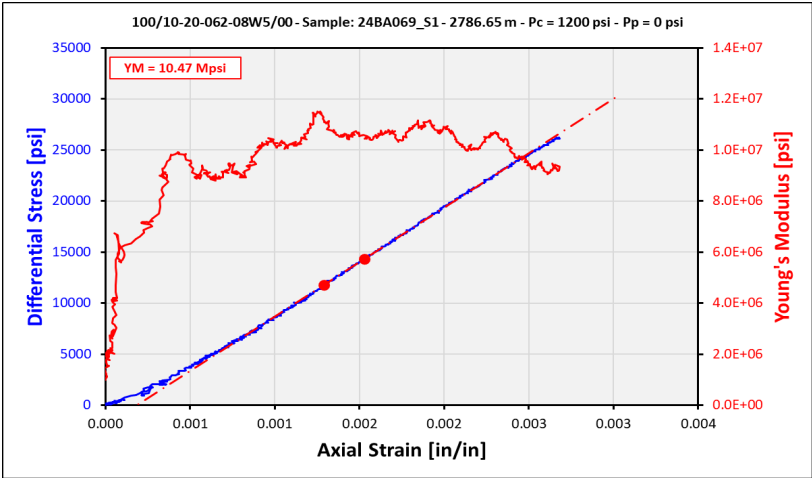


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 1

Sample Information		Results	
Sample Name:	24BA069_S1	Max. Compressive Stress [psi]:	27393
Depth [m]:	2786.65	Scaled Compressive Strength [psi]:	38058
Length [in]:	1.9881	Static Elastic Parameters	
Diameter [in]:	0.9787		
L:D Ratio:	2.031	YM & PR	
As-Received Mass [g]:	65.200	Range	
As-Received Density [g/cm ³]:	2.660	Young's Modulus [Mpsi]:	10.47 45%
Tested Mass [g]:	65.200	Poisson's Ratio:	0.259 55%
Tested Density [g/cm ³]:	2.660	Young's Modulus [Mpsi]:	11.33 39%
Saturation State:	As-Received	Poisson's Ratio:	0.254 49%
Testing Conditions		Young's Modulus [Mpsi]:	10.25 20%
		Poisson's Ratio:	0.221 45%
Confining Pressure [psi]:	1200	Young's Modulus [Mpsi]:	10.80 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.264 67%
Temperature [°F]:	314.3	Young's Modulus [Mpsi]:	9.33 15%
Nominal Strain Rate [s ⁻¹]:	5.0E-06	Poisson's Ratio:	0.198 25%

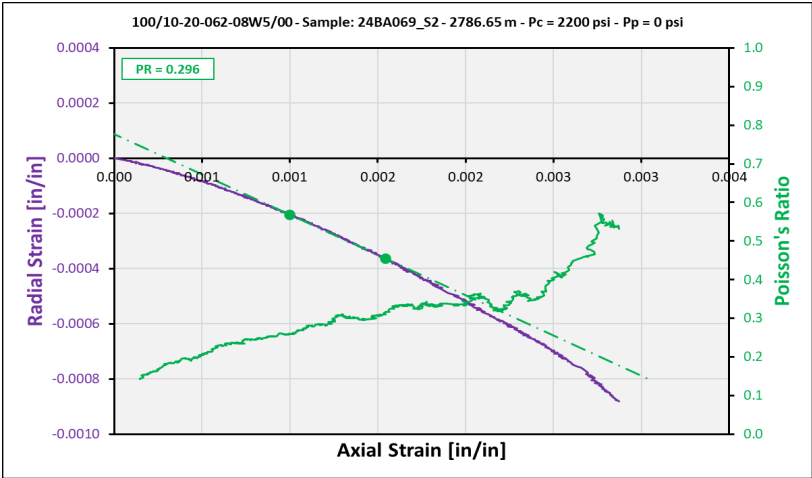
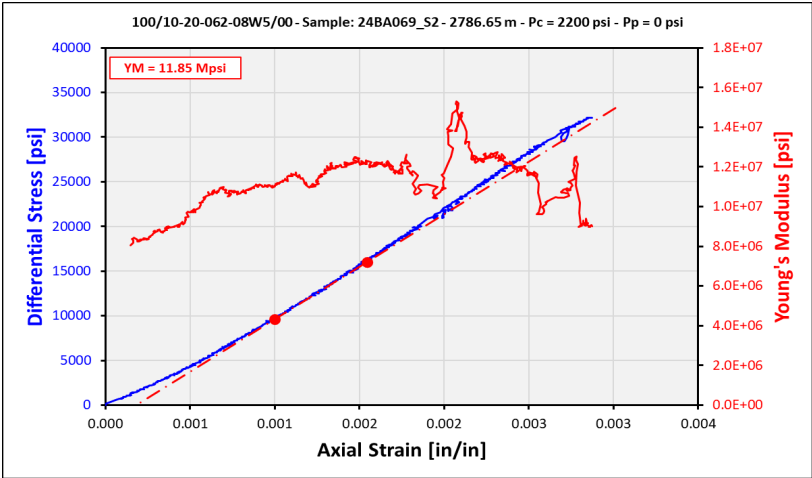


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 2

Sample Information			Results		
Sample Name:	24BA069_S2		Max. Compressive Stress [psi]:	34392	
Depth [m]:	2786.65		Scaled Compressive Strength [psi]:	43012	
Length [in]:	1.9881		Static Elastic Parameters		
Diameter [in]:	0.9787		YM & PR		
L:D Ratio:	2.031		Young's Modulus [Mpsi]:	12.31	45%
As-Received Mass [g]:	65.200		Poisson's Ratio:	0.319	55%
As-Received Density [g/cm ³]:	2.660		Young's Modulus [Mpsi]:	14.18	66%
Tested Mass [g]:	65.200		Poisson's Ratio:	0.359	76%
Tested Density [g/cm ³]:	2.660		Young's Modulus [Mpsi]:	11.85	30%
Saturation State:	As-Received		Poisson's Ratio:	0.296	50%
Testing Conditions			Young's Modulus [Mpsi]:	12.22	33%
Confining Pressure [psi]:	2200		Poisson's Ratio:	0.317	67%
Pore Pressure [psi]:	0		Young's Modulus [Mpsi]:	9.77	9%
Temperature [°F]:	309.1		Poisson's Ratio:	0.210	19%
Nominal Strain Rate [s-1]:	5.0E-06				

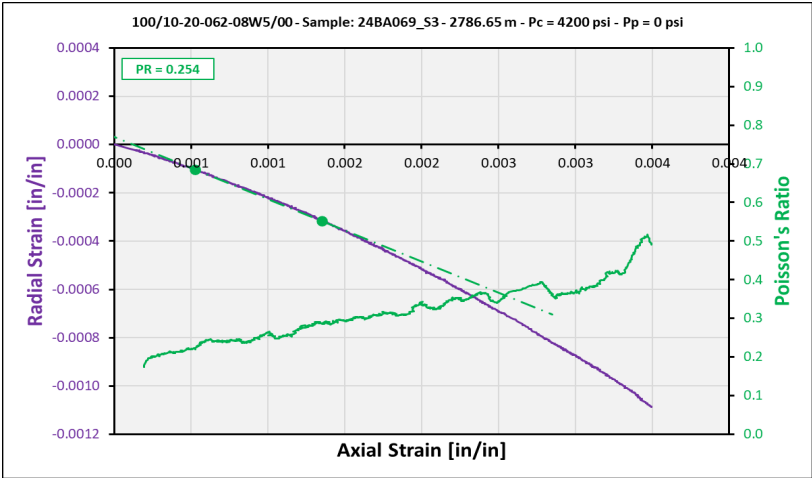
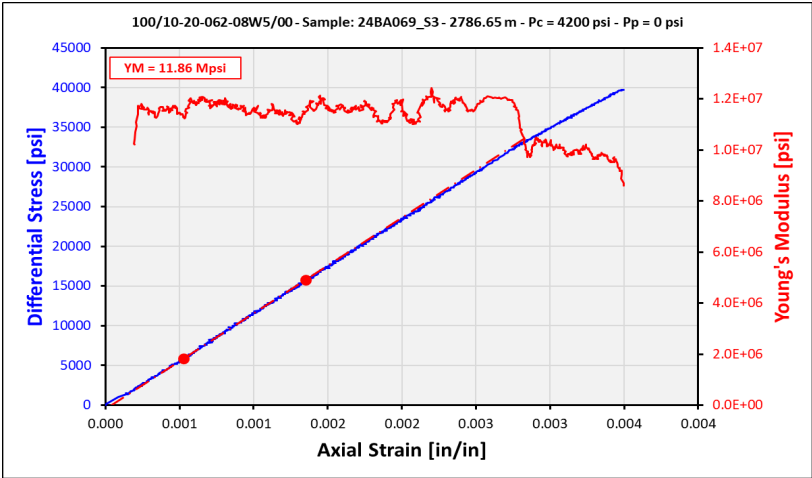


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 3

Sample Information			Results		
Sample Name:	24BA069_S3		Max. Compressive Stress [psi]:	43928	
Depth [m]:	2786.65		Scaled Compressive Strength [psi]:	52920	
Length [in]:	1.9881		Static Elastic Parameters		
Diameter [in]:	0.9787		YM & PR		
L:D Ratio:	2.031		Young's Modulus [Mpsi]:	11.86	45%
As-Received Mass [g]:	65.200		Poisson's Ratio:	0.310	55%
As-Received Density [g/cm ³]:	2.660		Young's Modulus [Mpsi]:	12.14	16%
Tested Mass [g]:	65.200		Poisson's Ratio:	0.244	26%
Tested Density [g/cm ³]:	2.660		Young's Modulus [Mpsi]:	11.86	15%
Saturation State:	As-Received		Poisson's Ratio:	0.254	40%
Testing Conditions			Young's Modulus [Mpsi]:	11.86	33%
Confining Pressure [psi]:	4200		Poisson's Ratio:	0.311	67%
Pore Pressure [psi]:	0		Young's Modulus [Mpsi]:	11.36	2%
Temperature [°F]:	312.6		Poisson's Ratio:	0.201	12%
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:	24BA069_S4	Compressive Strength [psi]:	62828
Depth [m]:	2786.65	Static Elastic Parameters	
Length [in]:	1.9881		
Diameter [in]:	0.9787	YM & PR	
L:D Ratio:	2.031		
As-Received Mass [g]:	65.200	Young's Modulus [Mpsi]:	12.63 45%
As-Received Density [g/cm ³]:	2.660	Poisson's Ratio:	0.353 55%
Tested Mass [g]:	65.200	Young's Modulus [Mpsi]:	12.88 52%
Tested Density [g/cm ³]:	2.660	Poisson's Ratio:	0.380 62%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	12.21 20%
Testing Conditions		Poisson's Ratio:	0.288 45%
		Young's Modulus [Mpsi]:	12.64 33%
Confining Pressure [psi]:	6200	Poisson's Ratio:	0.354 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	#N/A #N/A
Temperature [°F]:	309.1	Poisson's Ratio:	#N/A #N/A
Nominal Strain Rate [s ⁻¹]:	5.0E-06		

