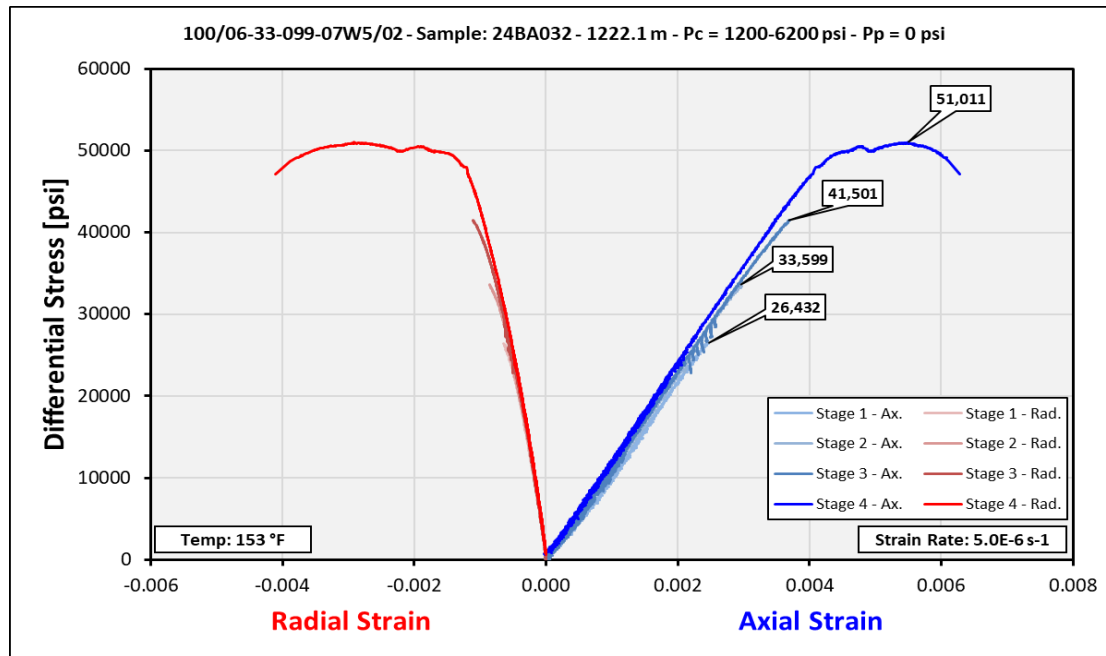


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

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

### Result of Triaxial Compressive Strength Test

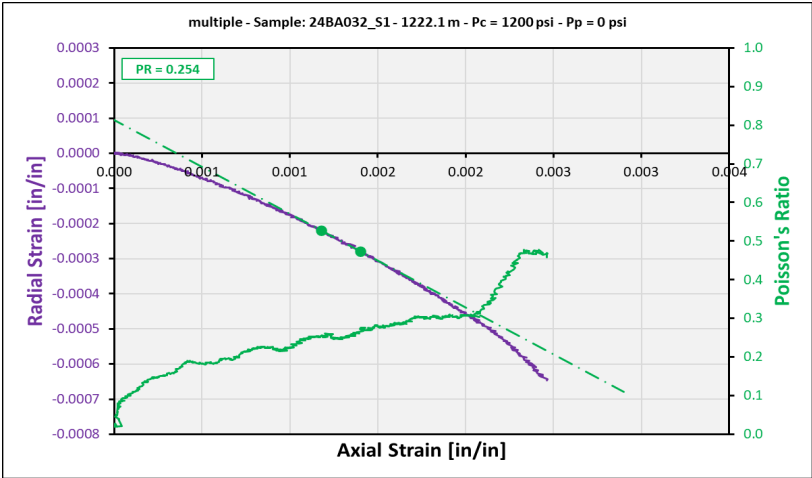
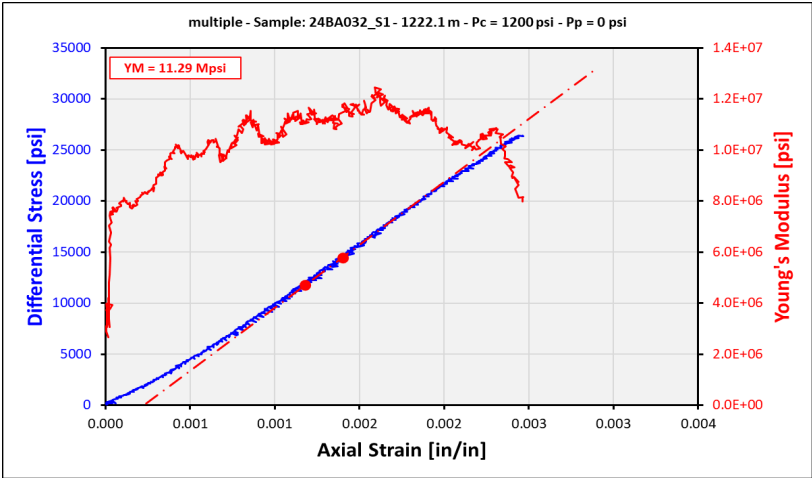


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 1

Sample Information		Results	
Sample Name:	24BA032_S1	Max. Compressive Stress [psi]:	27632
Depth (m):	1222.10	Scaled Compressive Strength [psi]:	32036
Length [in]:	1.8061	Static Elastic Parameters	
Diameter [in]:	1.0011		
L:D Ratio:	1.804	YM & PR	
As-Received Mass [g]:	60.900	Range	
As-Received Density [g/cm <sup>3</sup> ]:	2.614	Young's Modulus [Mpsi]:	11.29 45%
Tested Mass [g]:	60.900	Poisson's Ratio:	0.254 55%
Tested Density [g/cm <sup>3</sup> ]:	2.614	Young's Modulus [Mpsi]:	12.17 60%
Saturation State:	As-Received	Poisson's Ratio:	0.288 70%
Testing Conditions		Young's Modulus [Mpsi]:	11.35 25%
		Poisson's Ratio:	0.237 50%
Confining Pressure [psi]:	1200	Young's Modulus [Mpsi]:	11.79 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.263 67%
Temperature [°F]:	Ambient	Young's Modulus [Mpsi]:	8.66 4%
Nominal Strain Rate [s <sup>-1</sup> ]:	5.0E-06	Poisson's Ratio:	0.152 14%

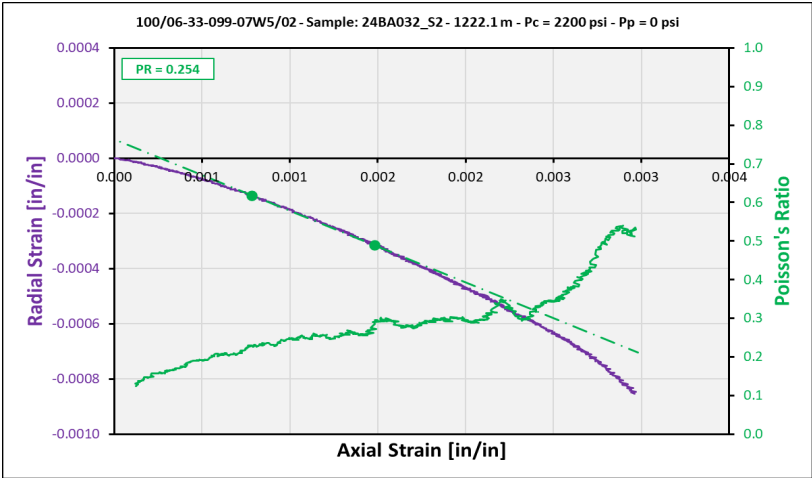
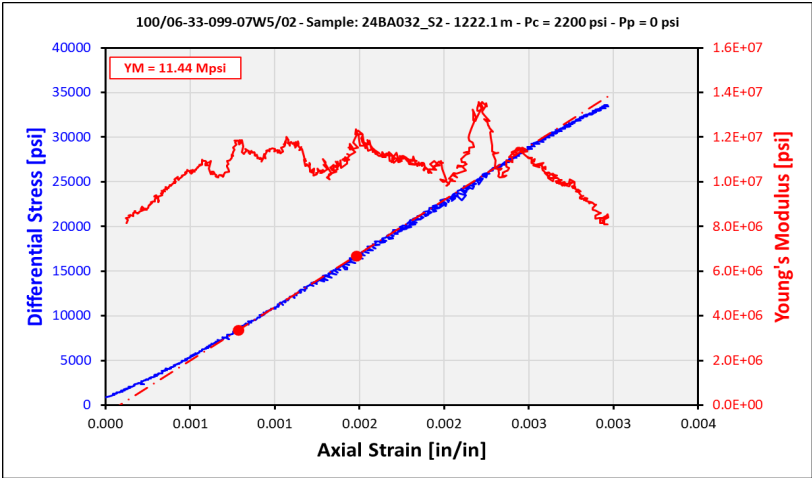


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 2

Sample Information		Results	
Sample Name:	24BA032_S2	Max. Compressive Stress [psi]:	35799
Depth (m):	1222.10	Scaled Compressive Strength [psi]:	37071
Length [in]:	1.8061	Static Elastic Parameters	
Diameter [in]:	1.0011		
L:D Ratio:	1.804	YM & PR	
As-Received Mass [g]:	60.900	Range	
As-Received Density [g/cm <sup>3</sup> ]:	2.614	Young's Modulus [Mpsi]:	12.11 45%
Tested Mass [g]:	60.900	Poisson's Ratio:	0.289 55%
Tested Density [g/cm <sup>3</sup> ]:	2.614	Young's Modulus [Mpsi]:	13.16 70%
Saturation State:	As-Received	Poisson's Ratio:	0.334 80%
Testing Conditions		Young's Modulus [Mpsi]:	11.44 25%
		Poisson's Ratio:	0.254 50%
Confining Pressure [psi]:	2200	Young's Modulus [Mpsi]:	11.84 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.283 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

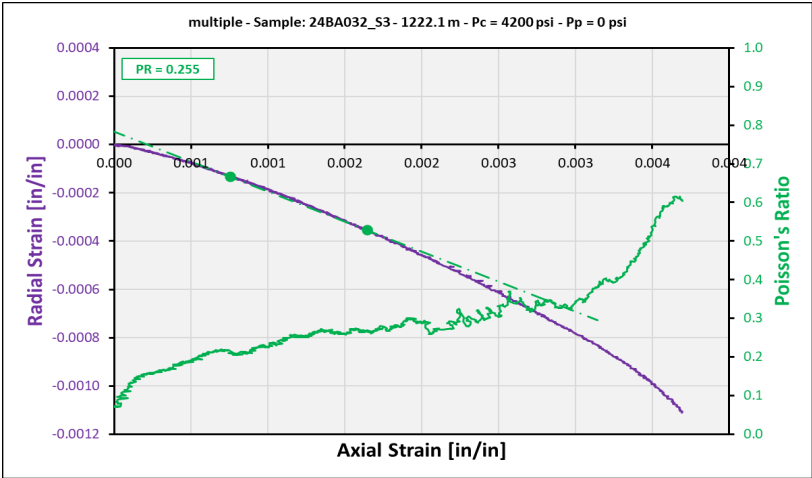
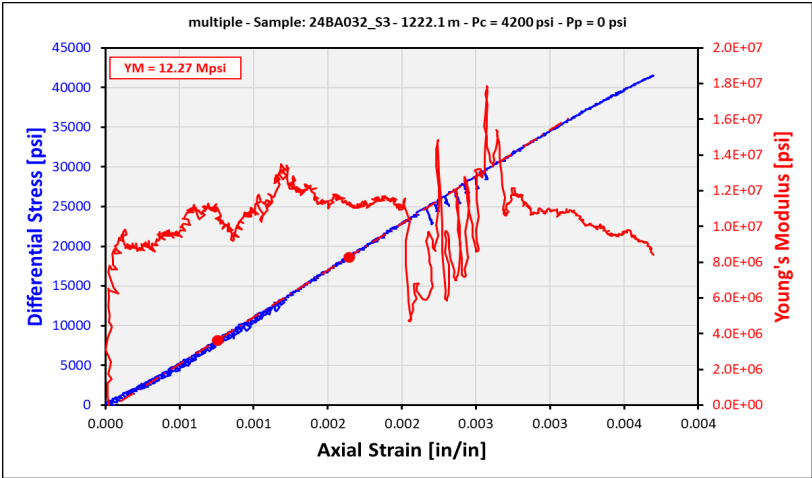


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 3

Sample Information		Results	
Sample Name:	24BA032_S3	Max. Compressive Stress [psi]:	45701
Depth (m):	1222.10	Scaled Compressive Strength [psi]:	47141
Length [in]:	1.8061	Static Elastic Parameters	
Diameter [in]:	1.0011		
L:D Ratio:	1.804	YM & PR	
As-Received Mass [g]:	60.900	Range	
As-Received Density [g/cm <sup>3</sup> ]:	2.614	Young's Modulus [Mpsi]:	11.74 45%
Tested Mass [g]:	60.900	Poisson's Ratio:	0.288 55%
Tested Density [g/cm <sup>3</sup> ]:	2.614	Young's Modulus [Mpsi]:	14.21 66%
Saturation State:	As-Received	Poisson's Ratio:	0.346 76%
Testing Conditions		Young's Modulus [Mpsi]:	12.27 20%
		Poisson's Ratio:	0.255 45%
Confining Pressure [psi]:	4200	Young's Modulus [Mpsi]:	11.03 39%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.294 72%
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



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:	24BA032_S4	Compressive Strength [psi]:	57211
Depth (m):	1222.10	Static Elastic Parameters	
Length [in]:	1.8061		
Diameter [in]:	1.0011	YM & PR Range	
L:D Ratio:	1.804		
As-Received Mass [g]:	60.900	Young's Modulus [Mpsi]:	12.38 45%
As-Received Density [g/cm <sup>3</sup> ]:	2.614	Poisson's Ratio:	0.296 55%
Tested Mass [g]:	60.900	Young's Modulus [Mpsi]:	12.85 46%
Tested Density [g/cm <sup>3</sup> ]:	2.614	Poisson's Ratio:	0.301 56%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	12.02 20%
Testing Conditions		Poisson's Ratio:	0.256 45%
		Young's Modulus [Mpsi]:	12.04 33%
Confining Pressure [psi]:	6200	Poisson's Ratio:	0.295 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

