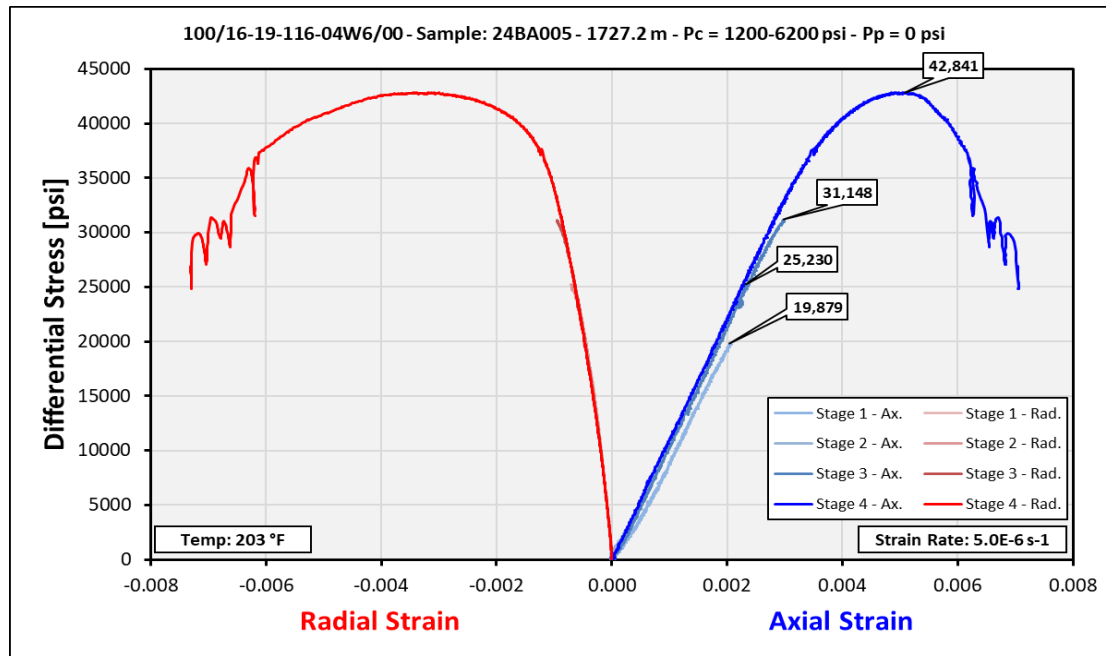


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

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

### Result of Triaxial Compressive Strength Test

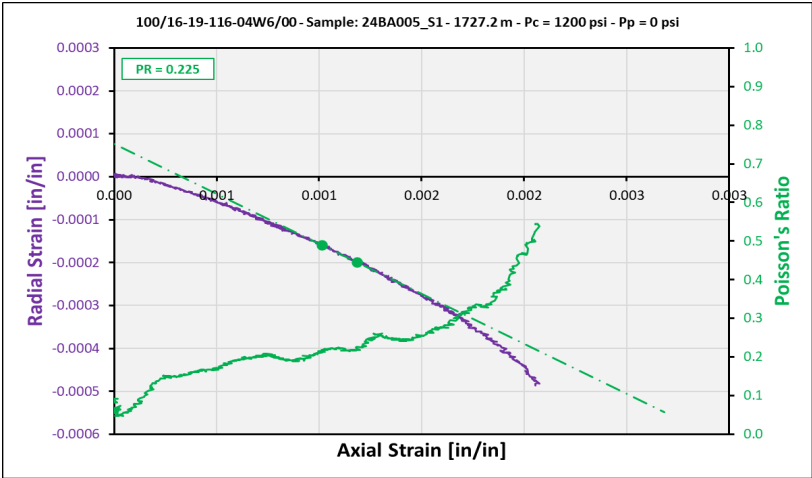
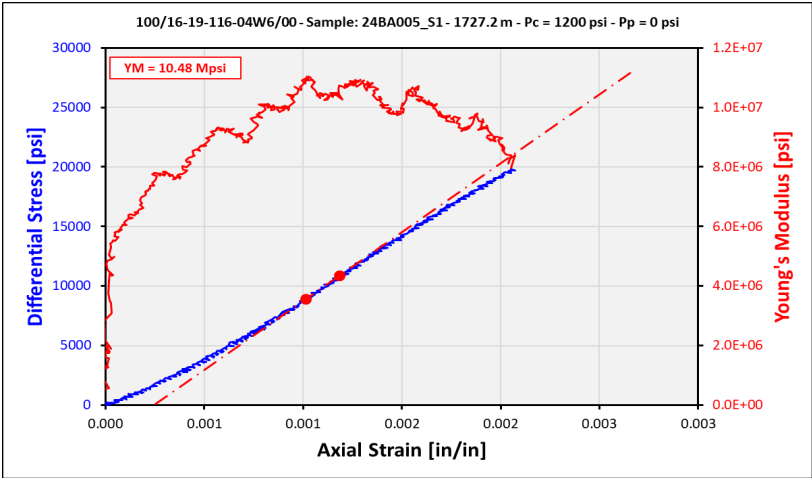


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 1

Sample Information		Results	
Sample Name:	24BA005_S1	Max. Compressive Stress [psi]:	21079
Depth (m):	1727.20	Scaled Compressive Strength [psi]:	29555
Length [in]:	1.8983	Static Elastic Parameters	
Diameter [in]:	0.9944		
L:D Ratio:	1.909	YM & PR	
As-Received Mass [g]:	66.500	Range	
As-Received Density [g/cm <sup>3</sup> ]:	2.753	Young's Modulus [Mpsi]:	10.48 45%
Tested Mass [g]:	66.500	Poisson's Ratio:	0.225 55%
Tested Density [g/cm <sup>3</sup> ]:	2.753	Young's Modulus [Mpsi]:	11.05 41%
Saturation State:	As-Received	Poisson's Ratio:	0.221 51%
Testing Conditions		Young's Modulus [Mpsi]:	10.35 25%
		Poisson's Ratio:	0.203 50%
Confining Pressure [psi]:	1200	Young's Modulus [Mpsi]:	10.91 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.225 67%
Temperature [°F]:	Ambient	Young's Modulus [Mpsi]:	7.98 10%
Nominal Strain Rate [s <sup>-1</sup> ]:	5.0E-06	Poisson's Ratio:	0.162 20%

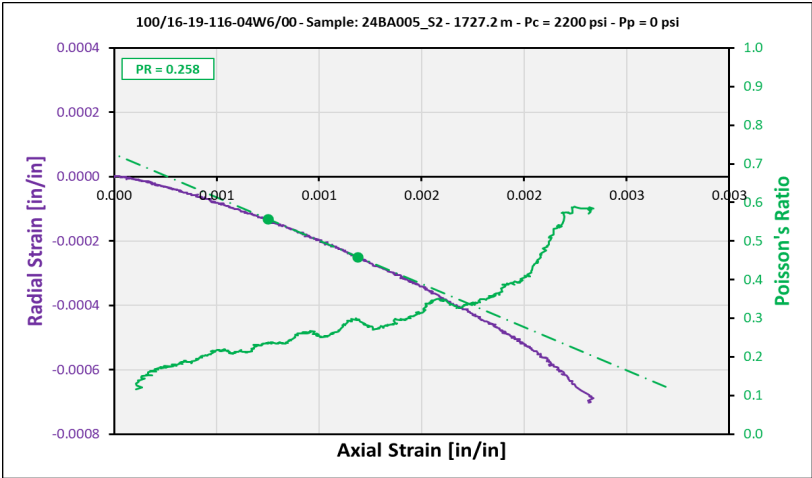
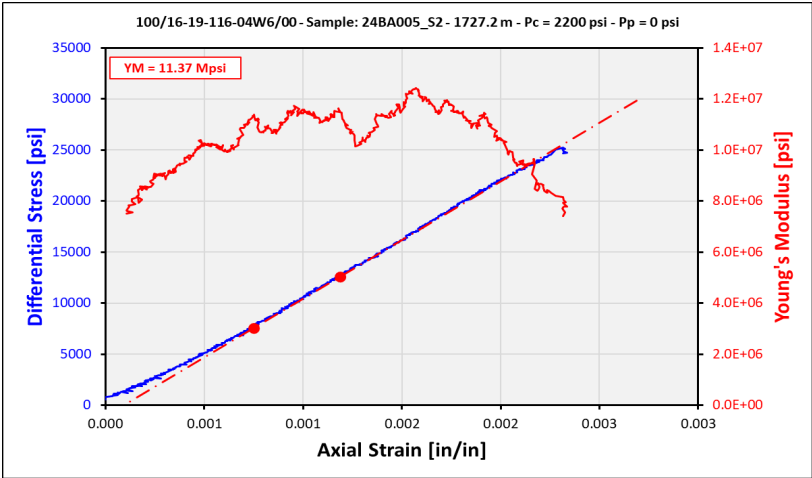


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 2

Sample Information		Results	
Sample Name:	24BA005_S2	Max. Compressive Stress [psi]:	27430
Depth (m):	1727.20	Scaled Compressive Strength [psi]:	33452
Length [in]:	1.8983	Static Elastic Parameters	
Diameter [in]:	0.9944		
L:D Ratio:	1.909	YM & PR	
As-Received Mass [g]:	66.500	Range	
As-Received Density [g/cm <sup>3</sup> ]:	2.753	Young's Modulus [Mpsi]:	11.24 45%
Tested Mass [g]:	66.500	Poisson's Ratio:	0.293 55%
Tested Density [g/cm <sup>3</sup> ]:	2.753	Young's Modulus [Mpsi]:	12.28 64%
Saturation State:	As-Received	Poisson's Ratio:	0.349 74%
Testing Conditions		Young's Modulus [Mpsi]:	11.37 30%
		Poisson's Ratio:	0.258 50%
Confining Pressure [psi]:	2200	Young's Modulus [Mpsi]:	11.30 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.282 67%
Temperature [°F]:	Ambient	Young's Modulus [Mpsi]:	8.52 4%
Nominal Strain Rate [s <sup>-1</sup> ]:	5.0E-06	Poisson's Ratio:	0.159 14%

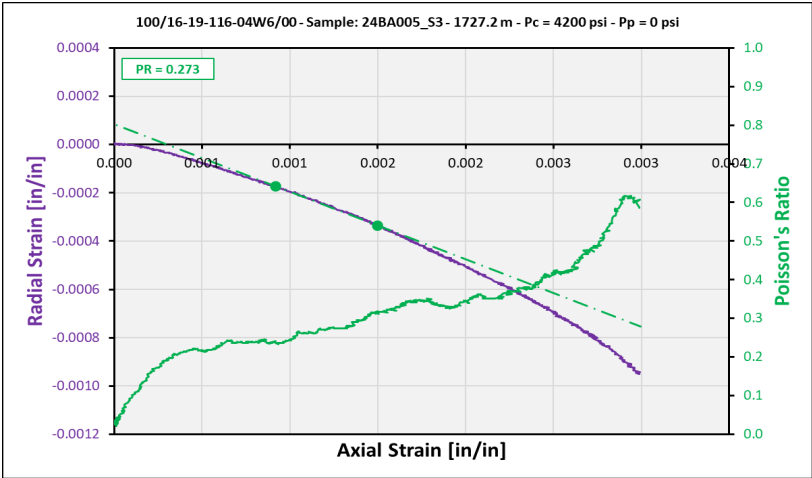
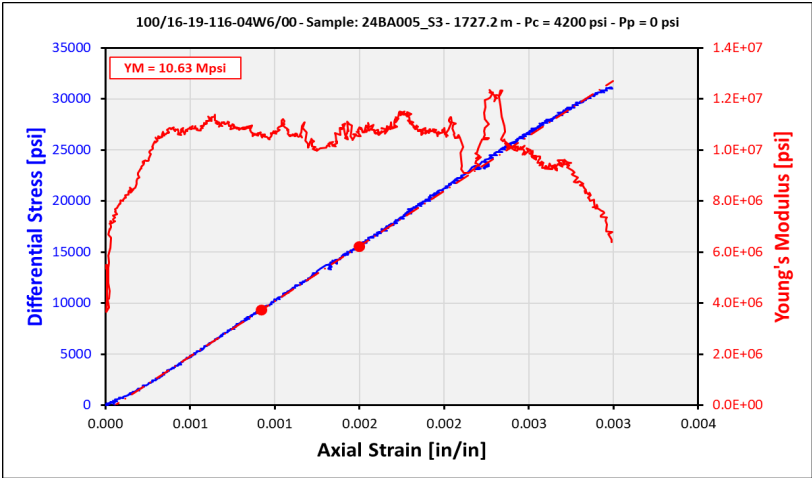


Company: Alberta Geological Survey, Alberta Energy Regulator  
Well: Multiple Wells  
Field: #N/A  
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 3

Sample Information		Results	
Sample Name:	24BA005_S3	Max. Compressive Stress [psi]:	35348
Depth (m):	1727.20	Scaled Compressive Strength [psi]:	41247
Length [in]:	1.8983	Static Elastic Parameters	
Diameter [in]:	0.9944		
L:D Ratio:	1.909	YM & PR	
As-Received Mass [g]:	66.500	Range	
As-Received Density [g/cm <sup>3</sup> ]:	2.753	Young's Modulus [Mpsi]:	10.70 45%
Tested Mass [g]:	66.500	Poisson's Ratio:	0.314 55%
Tested Density [g/cm <sup>3</sup> ]:	2.753	Young's Modulus [Mpsi]:	11.39 54%
Saturation State:	As-Received	Poisson's Ratio:	0.351 64%
Testing Conditions		Young's Modulus [Mpsi]:	10.63 30%
		Poisson's Ratio:	0.273 50%
Confining Pressure [psi]:	4200	Young's Modulus [Mpsi]:	10.98 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.312 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 4

Sample Information		Results	
Sample Name:	24BA005_S4	Compressive Strength [psi]:	49041
Depth (m):	1727.20	Static Elastic Parameters	
Length [in]:	1.8983		
Diameter [in]:	0.9944	YM & PR Range	
L:D Ratio:	1.909		
As-Received Mass [g]:	66.500	Young's Modulus [Mpsi]:	11.09 45%
As-Received Density [g/cm <sup>3</sup> ]:	2.753	Poisson's Ratio:	0.358 55%
Tested Mass [g]:	66.500	Young's Modulus [Mpsi]:	11.63 9%
Tested Density [g/cm <sup>3</sup> ]:	2.753	Poisson's Ratio:	0.245 19%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	10.83 15%
Testing Conditions		Poisson's Ratio:	0.280 40%
		Young's Modulus [Mpsi]:	11.21 33%
Confining Pressure [psi]:	6200	Poisson's Ratio:	0.359 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

