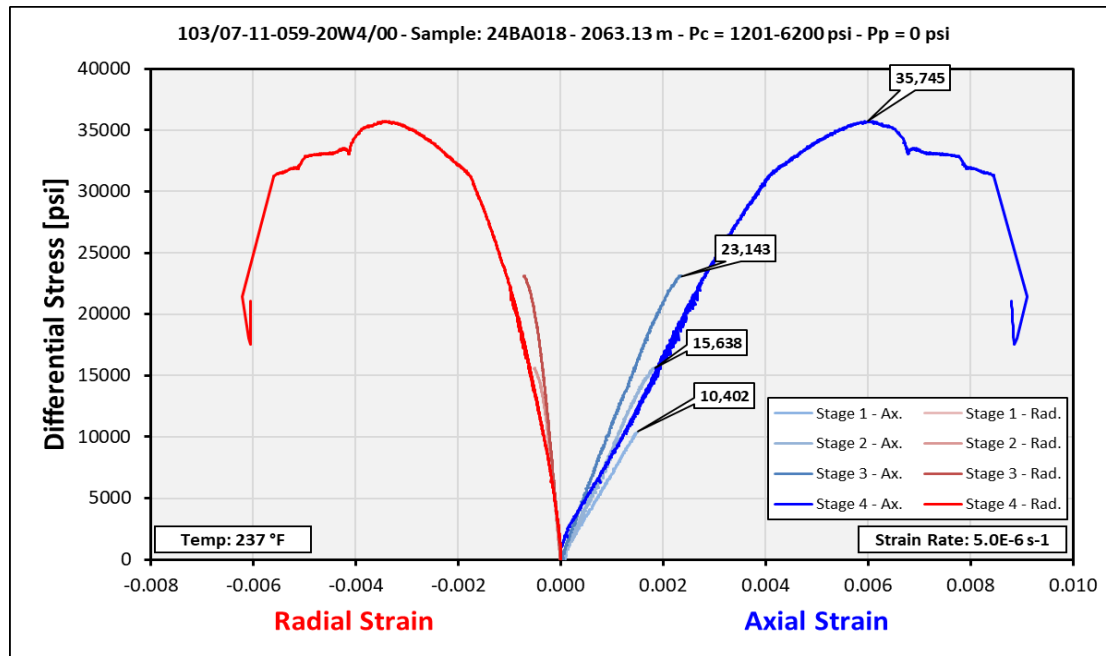


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test

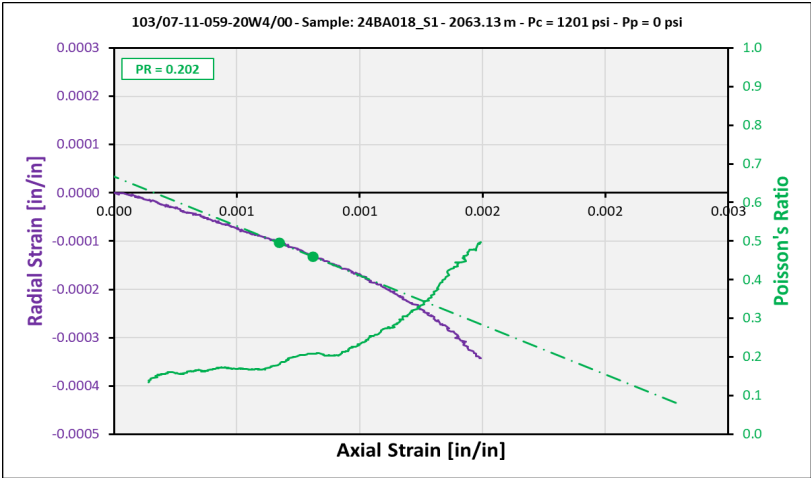
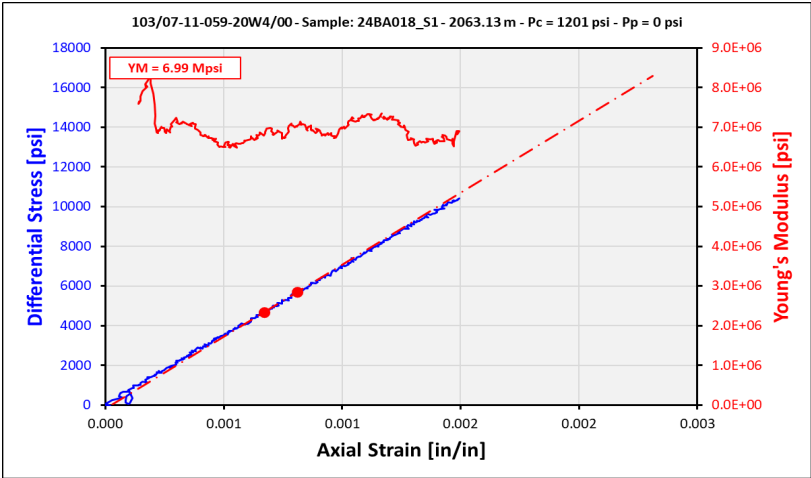


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 1

Sample Information		Results	
Sample Name:	24BA018_S1	Compressive Strength [psi]:	11603
Depth [m]:	2063.13	Static Elastic Parameters	
Length [in]:	2.0476		
Diameter [in]:	1.0019	YM & PR	
L:D Ratio:	2.044		
As-Received Mass [g]:	73.400	Young's Modulus [Mpsi]:	6.99 45%
As-Received Density [g/cm ³]:	2.775	Poisson's Ratio:	0.202 55%
Tested Mass [g]:	73.400	Young's Modulus [Mpsi]:	7.56 17%
Tested Density [g/cm ³]:	2.775	Poisson's Ratio:	0.166 27%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	6.88 15%
Testing Conditions		Poisson's Ratio:	0.168 40%
		Young's Modulus [Mpsi]:	6.90 33%
Confining Pressure [psi]:	1201	Poisson's Ratio:	0.193 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	6.52 25%
Temperature [°F]:	241.1	Poisson's Ratio:	0.169 35%
Nominal Strain Rate [s ⁻¹]:	5.0E-06		

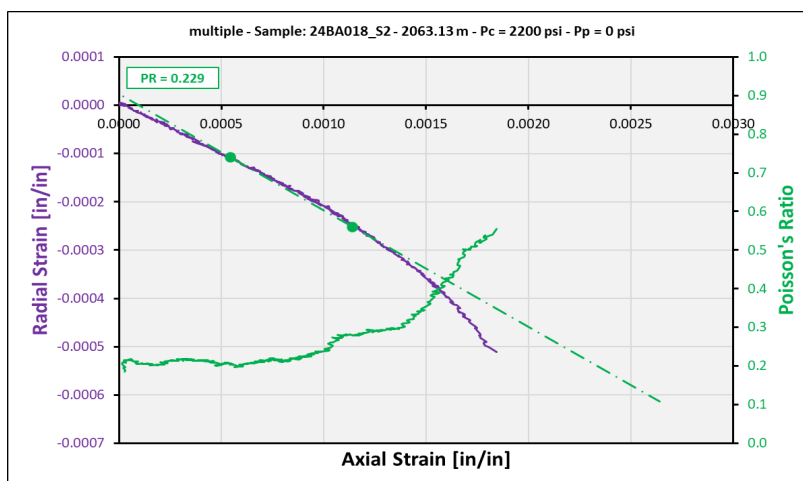
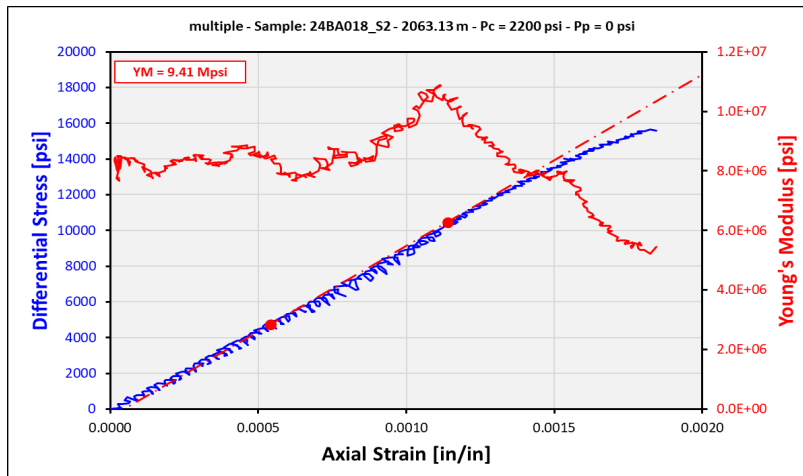


Company: Alberta Geological Survey, Alberta Energy Regulator
 Well: Multiple Wells
 Field: #N/A
 Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 2

Sample Information		Results	
Sample Name:	24BA018_S2	Compressive Strength [psi]:	17839
Depth [m]:	2063.13	Static Elastic Parameters	
Length [in]:	2.0476		
Diameter [in]:	1.0019	YM & PR	
L:D Ratio:	2.044		
As-Received Mass [g]:	73.400	Young's Modulus [Mpsi]:	8.06 45%
As-Received Density [g/cm ³]:	2.775	Poisson's Ratio:	0.219 55%
Tested Mass [g]:	73.400	Young's Modulus [Mpsi]:	10.48 58%
Tested Density [g/cm ³]:	2.775	Poisson's Ratio:	0.278 68%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	8.61 15%
Testing Conditions		Poisson's Ratio:	0.209 40%
		Young's Modulus [Mpsi]:	9.41 31%
Confining Pressure [psi]:	2200	Poisson's Ratio:	0.229 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	7.99 10%
Temperature [°F]:	236.2	Poisson's Ratio:	0.210 20%
Nominal Strain Rate [s ⁻¹]:	5.0E-06		

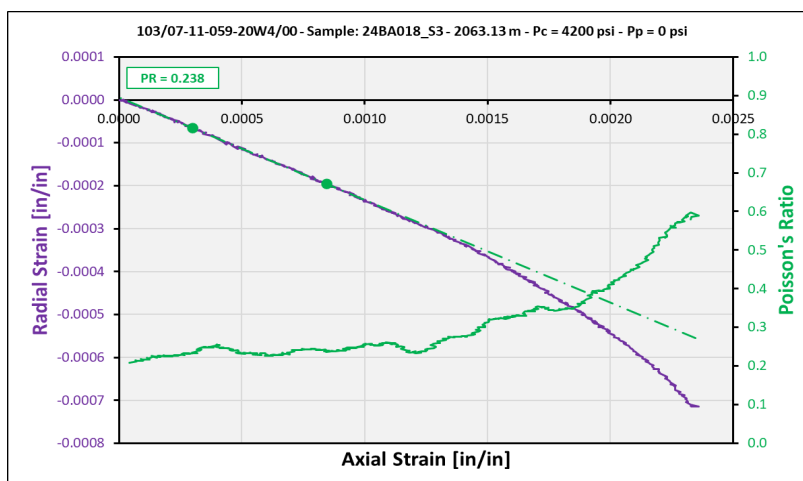
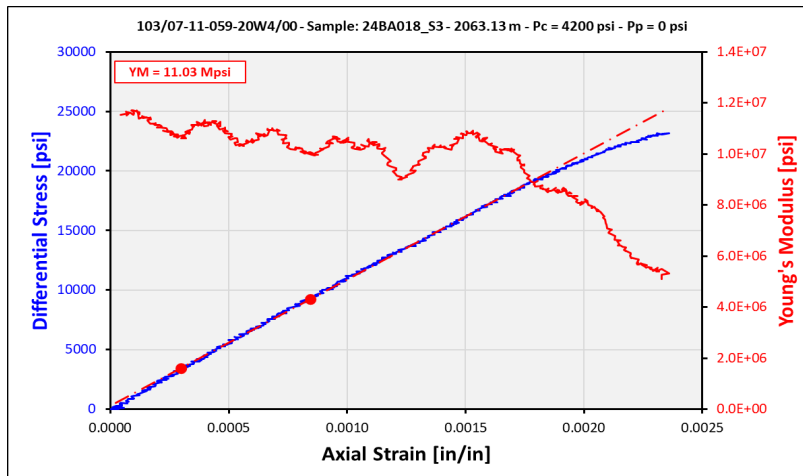


Company: Alberta Geological Survey, Alberta Energy Regulator
 Well: Multiple Wells
 Field: #N/A
 Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 3

Sample Information		Results	
Sample Name:	24BA018_S3	Compressive Strength [psi]:	27343
Depth [m]:	2063.13	Static Elastic Parameters	
Length [in]:	2.0476		
Diameter [in]:	1.0019	YM & PR	
L:D Ratio:	2.044		
As-Received Mass [g]:	73.400	Young's Modulus [Mpsi]:	10.49 45%
As-Received Density [g/cm ³]:	2.775	Poisson's Ratio:	0.255 55%
Tested Mass [g]:	73.400	Young's Modulus [Mpsi]:	11.76 0%
Tested Density [g/cm ³]:	2.775	Poisson's Ratio:	0.217 10%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	11.03 15%
Testing Conditions		Poisson's Ratio:	0.238 40%
		Young's Modulus [Mpsi]:	10.35 33%
Confining Pressure [psi]:	4200	Poisson's Ratio:	0.251 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	#N/A #N/A
Temperature [°F]:	236.4	Poisson's Ratio:	#N/A #N/A
Nominal Strain Rate [s ⁻¹]:	5.0E-06	Young's Modulus [Mpsi]:	#N/A #N/A
		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:	24BA018_S4	Compressive Strength [psi]:	41945
Depth [m]:	2063.13	Static Elastic Parameters	
Length [in]:	2.0476		
Diameter [in]:	1.0019	YM & PR	
L:D Ratio:	2.044		
As-Received Mass [g]:	73.400	Young's Modulus [Mpsi]:	7.87 45%
As-Received Density [g/cm ³]:	2.775	Poisson's Ratio:	0.453 55%
Tested Mass [g]:	73.400	Young's Modulus [Mpsi]:	8.54 49%
Tested Density [g/cm ³]:	2.775	Poisson's Ratio:	0.484 59%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	7.38 15%
Testing Conditions		Poisson's Ratio:	0.338 40%
		Young's Modulus [Mpsi]:	8.24 33%
Confining Pressure [psi]:	6200	Poisson's Ratio:	0.472 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	#N/A #N/A
Temperature [°F]:	236.8	Poisson's Ratio:	#N/A #N/A
Nominal Strain Rate [s ⁻¹]:	5.0E-06		

