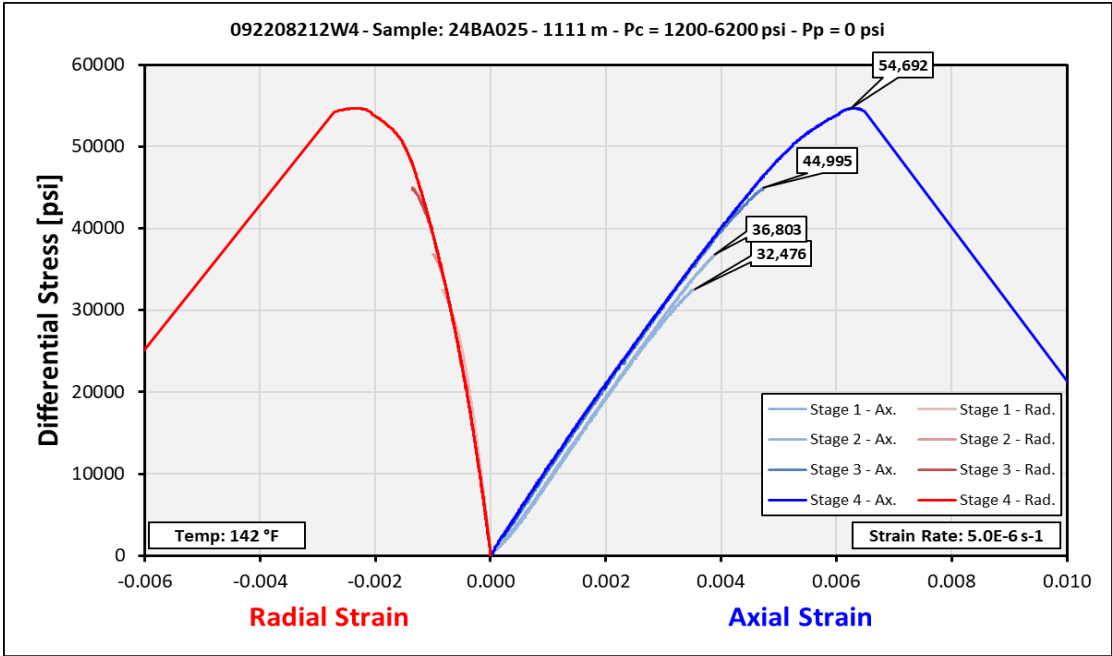


Company: Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test

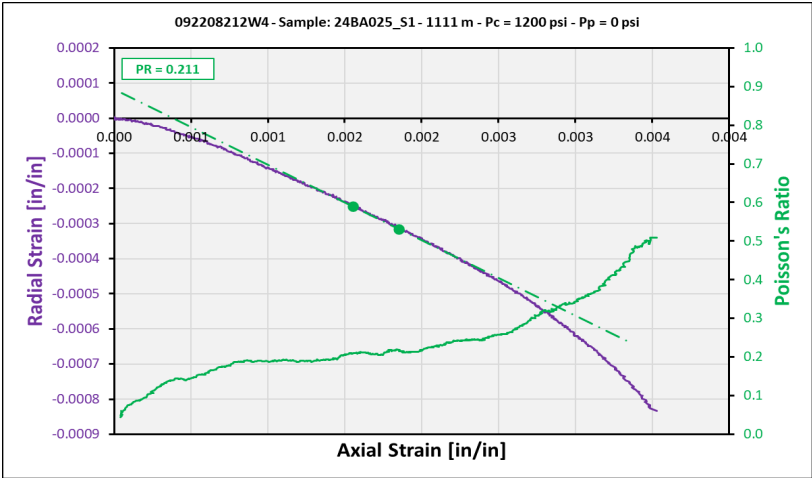
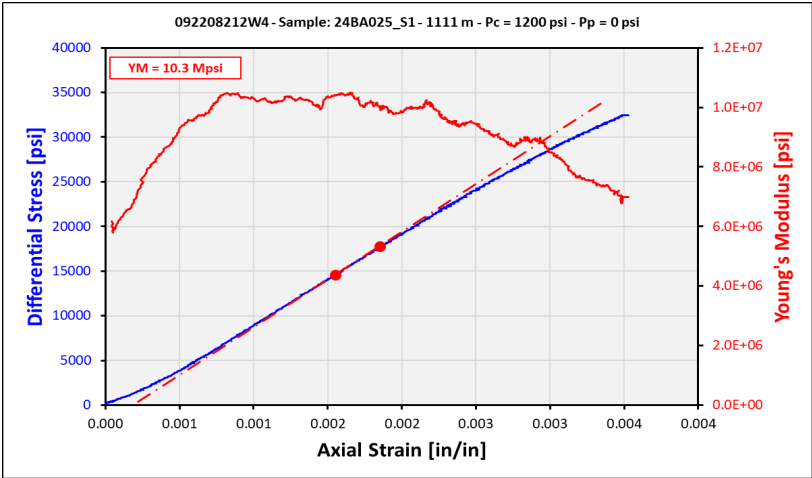


Company: Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 1

Sample Information		Results	
Sample Name:	24BA025_S1	Max. Compressive Stress [psi]:	33676
Depth [m]:	1111.00	Scaled Compressive Strength [psi]:	37617
Length [in]:	2.8284	Static Elastic Parameters	
Diameter [in]:	1.4785		
L:D Ratio:	1.913	YM & PR	
As-Received Mass [g]:	213.100	Range	
As-Received Density [g/cm ³]:	2.678	Young's Modulus [Mpsi]:	10.30 45%
Tested Mass [g]:	213.100	Poisson's Ratio:	0.211 55%
Tested Density [g/cm ³]:	2.678	Young's Modulus [Mpsi]:	10.45 18%
Saturation State:	As-Received	Poisson's Ratio:	0.189 28%
Testing Conditions		Young's Modulus [Mpsi]:	10.31 15%
		Poisson's Ratio:	0.188 40%
Confining Pressure [psi]:	1200	Young's Modulus [Mpsi]:	10.19 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.211 67%
Temperature [°F]:	142.1	Young's Modulus [Mpsi]:	8.16 3%
Nominal Strain Rate [s ⁻¹]:	5.0E-06	Poisson's Ratio:	0.129 13%

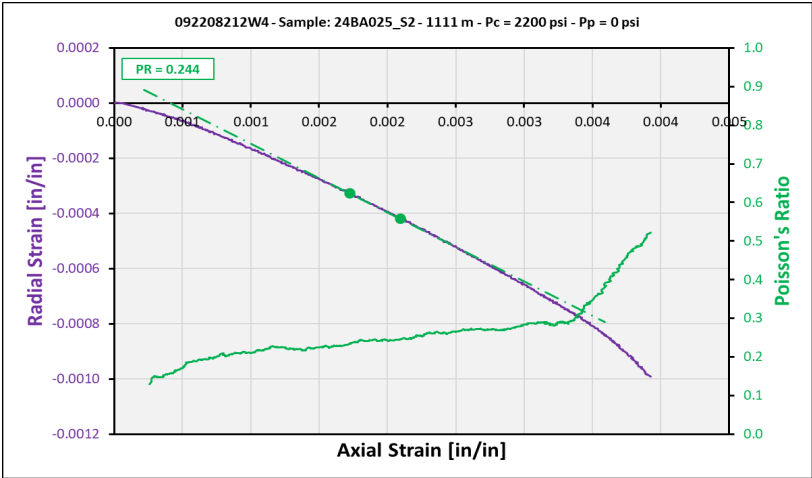
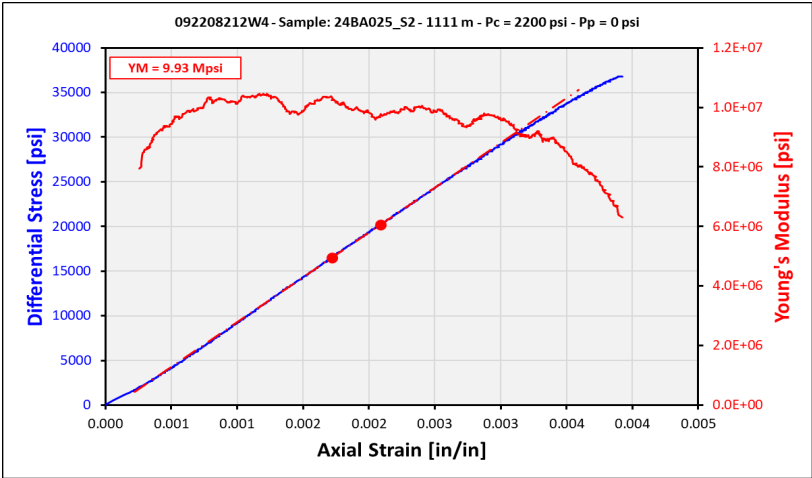


Company: Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 2

Sample Information			Results	
Sample Name:	24BA025_S2		Max. Compressive Stress [psi]:	39004
Depth [m]:	1111.00		Scaled Compressive Strength [psi]:	42272
Length [in]:	2.8284		Static Elastic Parameters	
Diameter [in]:	1.4785		YM & PR Range	
L:D Ratio:	1.913		Young's Modulus [Mpsi]:	9.93 45%
As-Received Mass [g]:	213.100		Poisson's Ratio:	0.244 55%
As-Received Density [g/cm ³]:	2.678		Young's Modulus [Mpsi]:	10.43 25%
Tested Mass [g]:	213.100		Poisson's Ratio:	0.224 35%
Tested Density [g/cm ³]:	2.678		Young's Modulus [Mpsi]:	10.27 15%
Saturation State:	As-Received		Poisson's Ratio:	0.217 40%
Testing Conditions			Young's Modulus [Mpsi]:	9.99 33%
Confining Pressure [psi]:	2200		Poisson's Ratio:	0.242 67%
Pore Pressure [psi]:	0		Young's Modulus [Mpsi]:	8.24 0%
Temperature [°F]:	142.1		Poisson's Ratio:	0.138 10%
Nominal Strain Rate [s-1]:	5.0E-06			

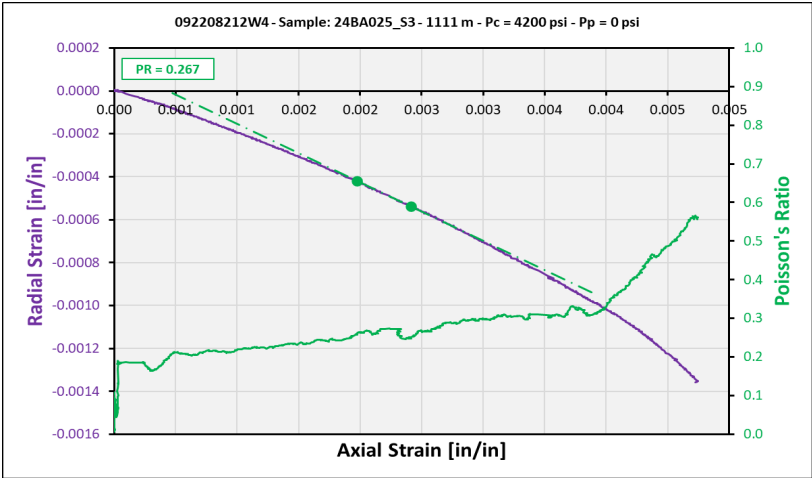
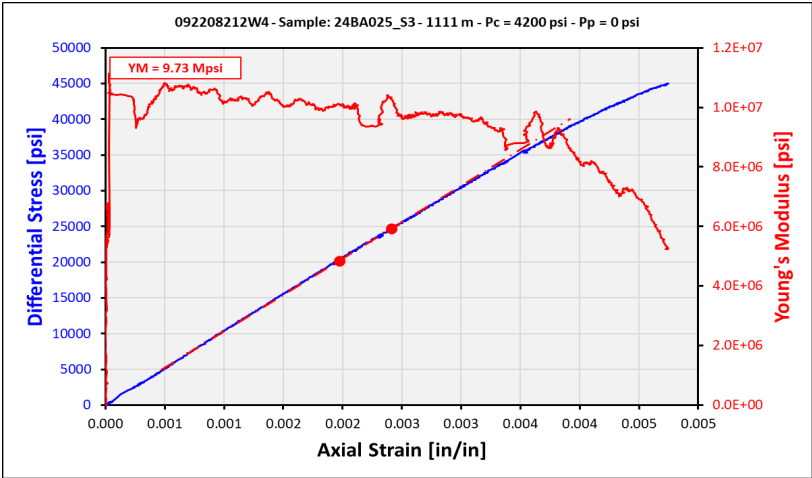


Company: Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 3

Sample Information		Results	
Sample Name:	24BA025_S3	Max. Compressive Stress [psi]:	49195
Depth [m]:	1111.00	Scaled Compressive Strength [psi]:	51582
Length [in]:	2.8284	Static Elastic Parameters	
Diameter [in]:	1.4785		
L:D Ratio:	1.913	YM & PR	
As-Received Mass [g]:	213.100	Range	
As-Received Density [g/cm ³]:	2.678	Young's Modulus [Mpsi]:	9.73 45%
Tested Mass [g]:	213.100	Poisson's Ratio:	0.267 55%
Tested Density [g/cm3]:	2.678	Young's Modulus [Mpsi]:	10.71 9%
Saturation State:	As-Received	Poisson's Ratio:	0.210 19%
Testing Conditions		Young's Modulus [Mpsi]:	10.33 15%
		Poisson's Ratio:	0.225 40%
Confining Pressure [psi]:	4200	Young's Modulus [Mpsi]:	9.93 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.263 67%
Temperature [°F]:	141.8	Young's Modulus [Mpsi]:	#N/A #N/A
Nominal Strain Rate [s-1]:	5.0E-06	Poisson's Ratio:	#N/A #N/A



Company: 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:	24BA025_S4	Compressive Strength [psi]:	60892
Depth [m]:	1111.00	Static Elastic Parameters	
Length [in]:	2.8284		
Diameter [in]:	1.4785	YM & PR Range	
L:D Ratio:	1.913		
As-Received Mass [g]:	213.100	Young's Modulus [Mpsi]:	9.70 45%
As-Received Density [g/cm ³]:	2.678	Poisson's Ratio:	0.281 55%
Tested Mass [g]:	213.100	Young's Modulus [Mpsi]:	11.18 0%
Tested Density [g/cm3]:	2.678	Poisson's Ratio:	0.204 10%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	10.17 15%
Testing Conditions		Poisson's Ratio:	0.228 40%
		Young's Modulus [Mpsi]:	9.68 33%
Confining Pressure [psi]:	6200	Poisson's Ratio:	0.279 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	#N/A #N/A
Temperature [°F]:	142.4	Poisson's Ratio:	#N/A #N/A
Nominal Strain Rate [s-1]:	5.0E-06		

