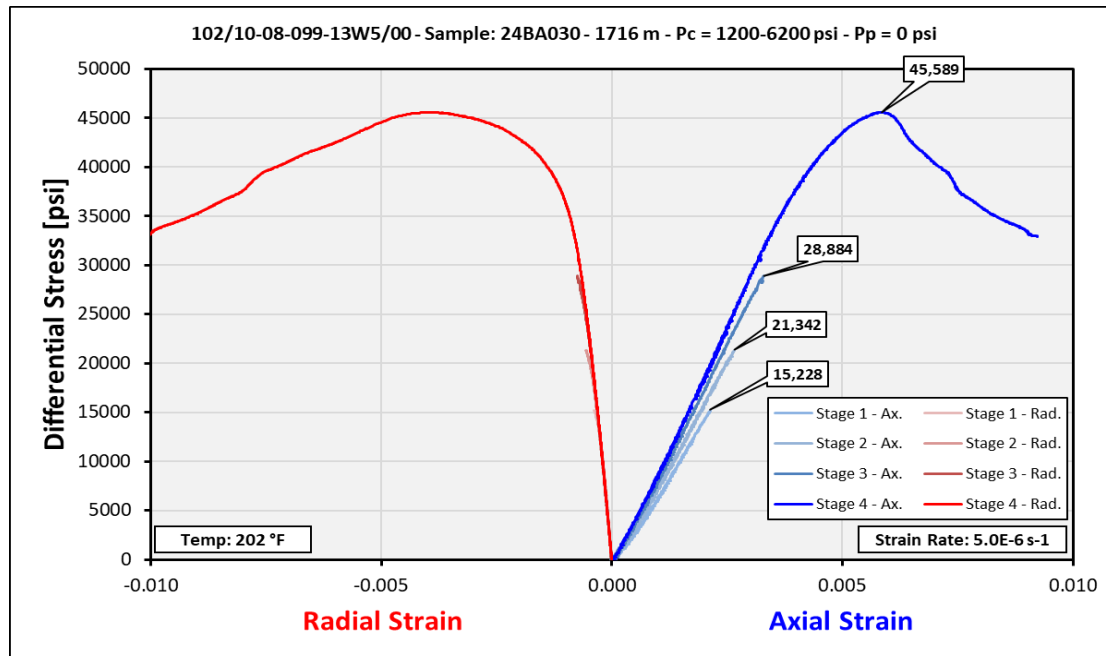


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test

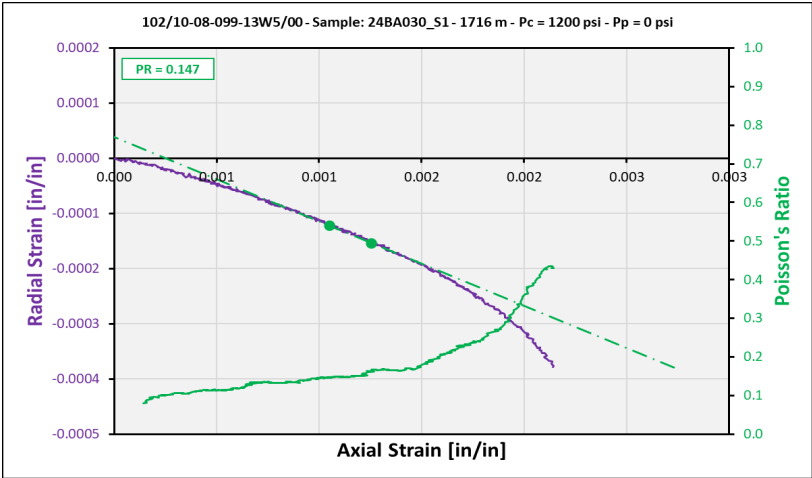
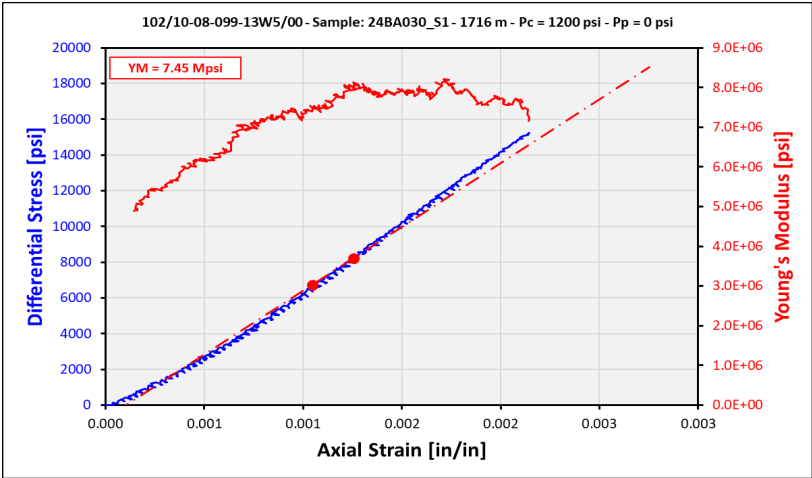


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 1

Sample Information		Results	
Sample Name:	24BA030_S1	Max. Compressive Stress [psi]:	16428
Depth [m]:	1716.00	Scaled Compressive Strength [psi]:	27347
Length [in]:	2.3213	Static Elastic Parameters	
Diameter [in]:	1.4777	YM & PR	
L:D Ratio:	1.571	Range	
As-Received Mass [g]:	179.600	Young's Modulus [Mpsi]:	7.45 45%
As-Received Density [g/cm ³]:	2.753	Poisson's Ratio:	0.147 55%
Tested Mass [g]:	179.600	Young's Modulus [Mpsi]:	8.08 75%
Tested Density [g/cm ³]:	2.753	Poisson's Ratio:	0.237 85%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	7.48 30%
Testing Conditions		Poisson's Ratio:	0.144 50%
Confining Pressure [psi]:	1200	Young's Modulus [Mpsi]:	7.87 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.155 67%
Temperature [°F]:	203.9	Young's Modulus [Mpsi]:	6.07 13%
Nominal Strain Rate [s ⁻¹]:	5.0E-06	Poisson's Ratio:	0.115 23%

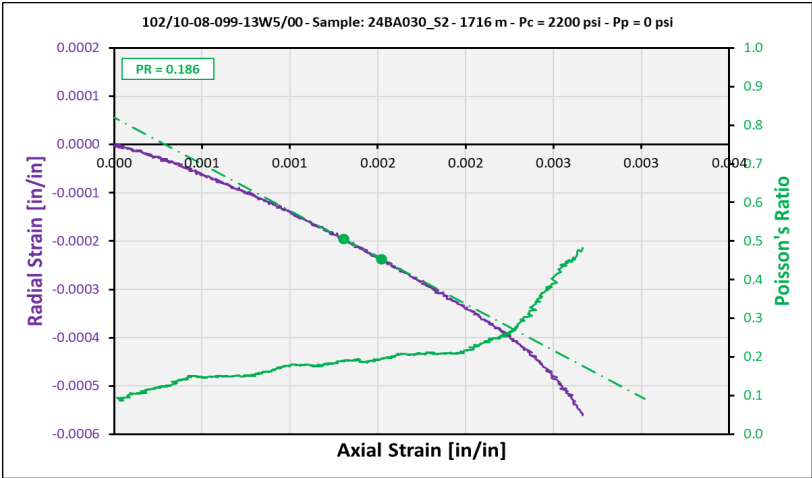
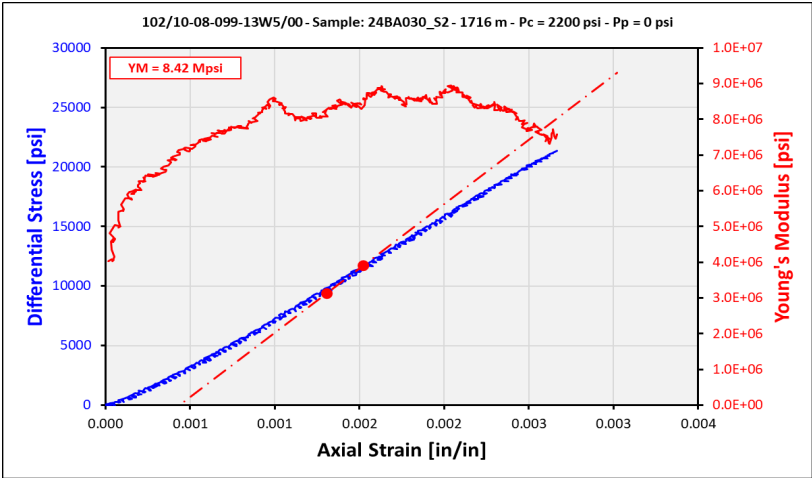


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 2

Sample Information		Results	
Sample Name:	24BA030_S2	Max. Compressive Stress [psi]:	23542
Depth [m]:	1716.00	Scaled Compressive Strength [psi]:	32236
Length [in]:	2.3213	Static Elastic Parameters	
Diameter [in]:	1.4777		
L:D Ratio:	1.571	YM & PR	
As-Received Mass [g]:	179.600	Range	
As-Received Density [g/cm ³]:	2.753	Young's Modulus [Mpsi]:	8.42 45%
Tested Mass [g]:	179.600	Poisson's Ratio:	0.186 55%
Tested Density [g/cm3]:	2.753	Young's Modulus [Mpsi]:	8.83 71%
Saturation State:	As-Received	Poisson's Ratio:	0.225 81%
Testing Conditions		Young's Modulus [Mpsi]:	8.39 25%
		Poisson's Ratio:	0.181 50%
Confining Pressure [psi]:	2200	Young's Modulus [Mpsi]:	8.60 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.194 67%
Temperature [°F]:	202.5	Young's Modulus [Mpsi]:	6.72 5%
Nominal Strain Rate [s-1]:	5.0E-06	Poisson's Ratio:	0.137 15%

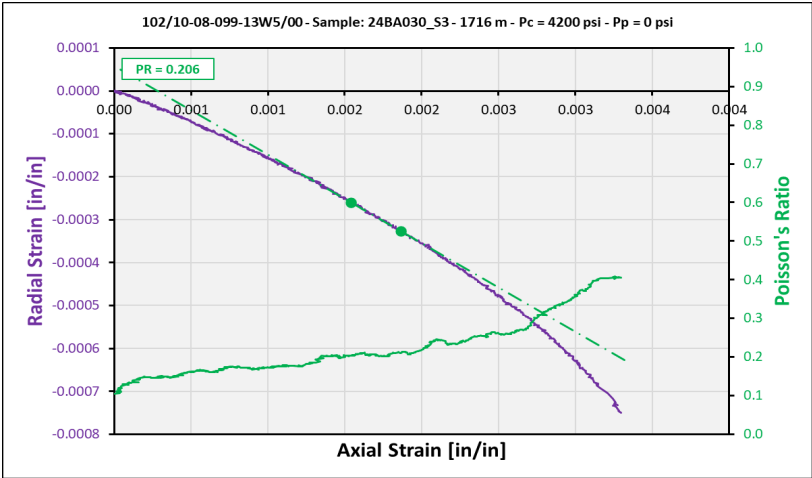
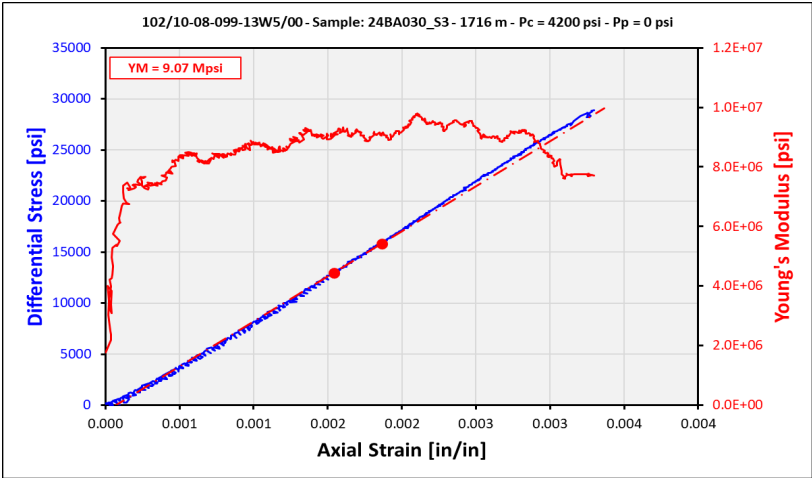


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 3

Sample Information		Results	
Sample Name:	24BA030_S3	Max. Compressive Stress [psi]:	33084
Depth [m]:	1716.00	Scaled Compressive Strength [psi]:	42012
Length [in]:	2.3213	Static Elastic Parameters	
Diameter [in]:	1.4777		
L:D Ratio:	1.571	YM & PR	
As-Received Mass [g]:	179.600	Range	
As-Received Density [g/cm ³]:	2.753	Young's Modulus [Mpsi]:	9.07 45%
Tested Mass [g]:	179.600	Poisson's Ratio:	0.206 55%
Tested Density [g/cm3]:	2.753	Young's Modulus [Mpsi]:	9.59 60%
Saturation State:	As-Received	Poisson's Ratio:	0.241 70%
Testing Conditions		Young's Modulus [Mpsi]:	9.00 20%
		Poisson's Ratio:	0.183 45%
Confining Pressure [psi]:	4200	Young's Modulus [Mpsi]:	9.26 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.210 67%
Temperature [°F]:	204.7	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 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:	24BA030_S4	Compressive Strength [psi]:	51789
Depth [m]:	1716.00	Static Elastic Parameters	
Length [in]:	2.3213		
Diameter [in]:	1.4777	YM & PR Range	
L:D Ratio:	1.571		
As-Received Mass [g]:	179.600	Young's Modulus [Mpsi]:	10.46 45%
As-Received Density [g/cm ³]:	2.753	Poisson's Ratio:	0.267 55%
Tested Mass [g]:	179.600	Young's Modulus [Mpsi]:	10.55 47%
Tested Density [g/cm3]:	2.753	Poisson's Ratio:	0.274 57%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	9.99 25%
Testing Conditions		Poisson's Ratio:	0.232 50%
		Young's Modulus [Mpsi]:	10.42 33%
Confining Pressure [psi]:	6200	Poisson's Ratio:	0.269 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	#N/A #N/A
Temperature [°F]:	202.3	Poisson's Ratio:	#N/A #N/A
Nominal Strain Rate [s-1]:	5.0E-06		

