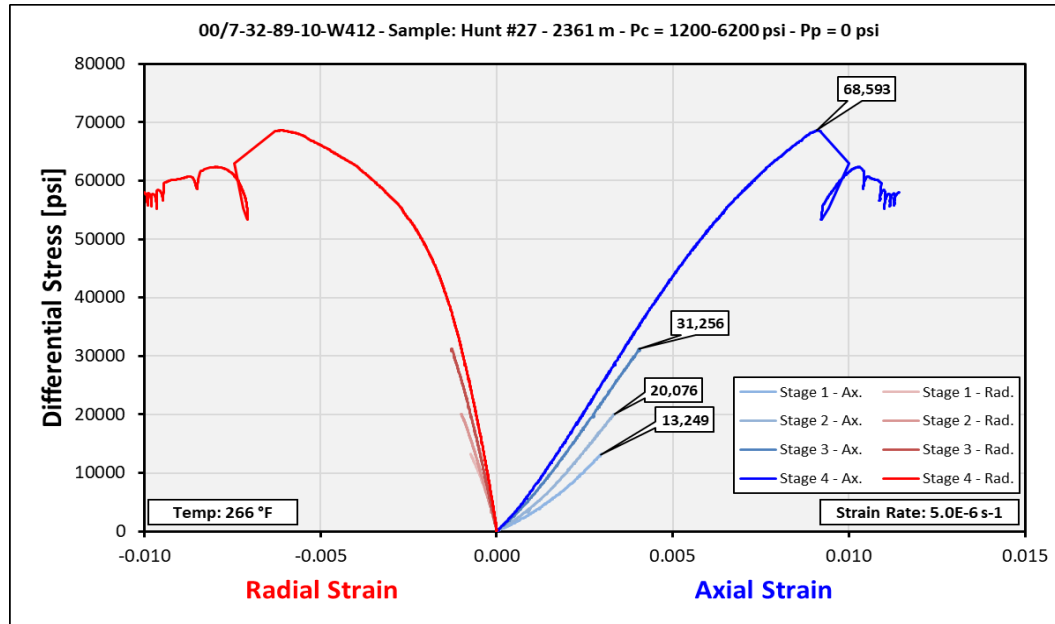


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada
Sample ID: Hunt Well #27 (Old); 25BA_HW_027 (New)

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

Result of Triaxial Compressive Strength Test

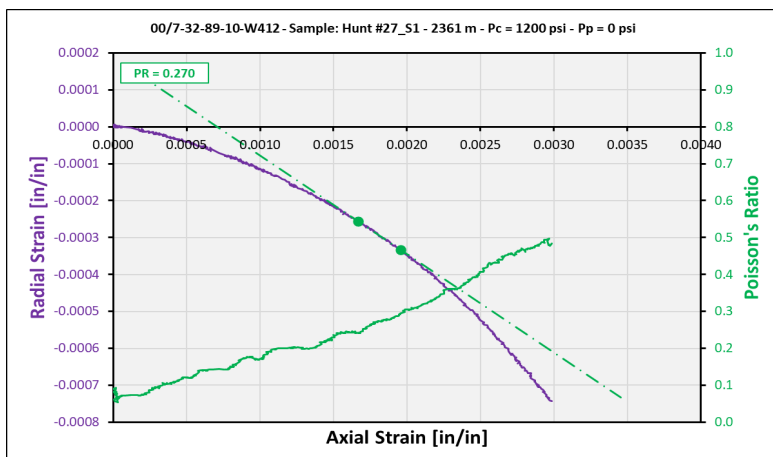
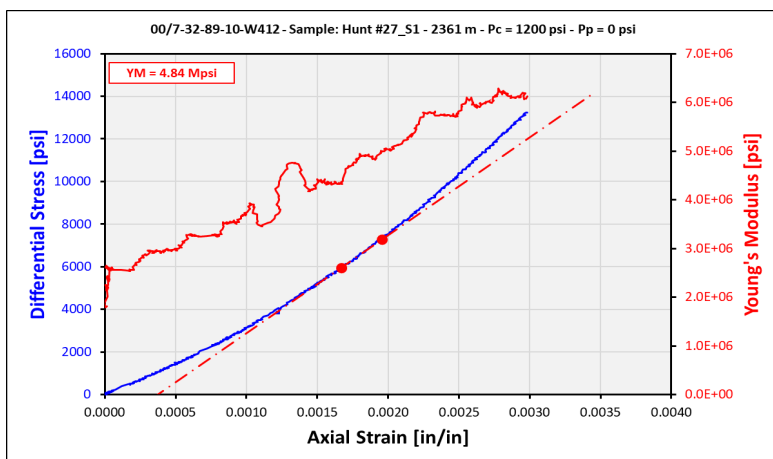


Company: Alberta Geological Survey, Alberta Energy Regulator
 Well: Multiple Wells
 Field: #N/A
 Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 1

Sample Information		Results	
Sample Name:	Hunt #27_S1	Max. Compressive Stress [psi]:	14449
Depth [m]:	2361.00	Scaled Compressive Strength [psi]:	41490
Length [in]:	2.2715	Static Elastic Parameters	
Diameter [in]:	1.5011		
L:D Ratio:	1.513	YM & PR	
As-Received Mass [g]:	173.700	Range	
As-Received Density [g/cm ³]:	2.637	Young's Modulus [Mpsi]:	4.84 45%
Tested Mass [g]:	173.700	Poisson's Ratio:	0.270 55%
Tested Density [g/cm ³]:	2.637	Young's Modulus [Mpsi]:	6.23 87%
Saturation State:	As-Received	Poisson's Ratio:	0.464 97%
Testing Conditions		Young's Modulus [Mpsi]:	4.48 30%
		Poisson's Ratio:	0.227 50%
Confining Pressure [psi]:	1200	Young's Modulus [Mpsi]:	4.77 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.270 67%
Temperature [°F]:	265.9	Young's Modulus [Mpsi]:	3.78 24%
Nominal Strain Rate [s ⁻¹]:	5.0E-06	Poisson's Ratio:	0.199 34%

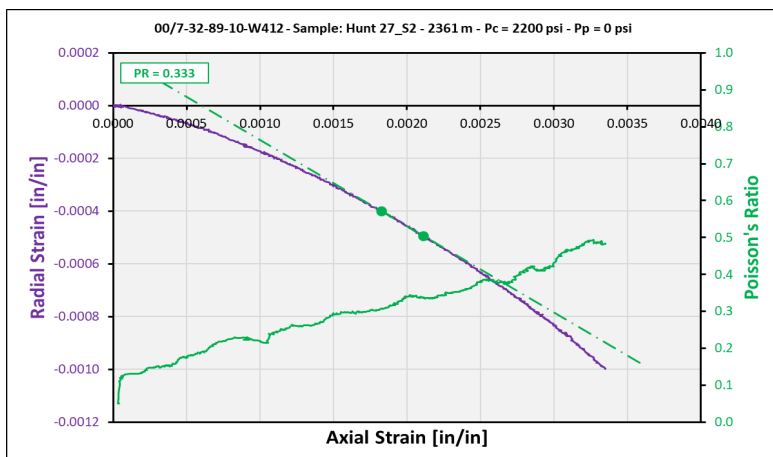
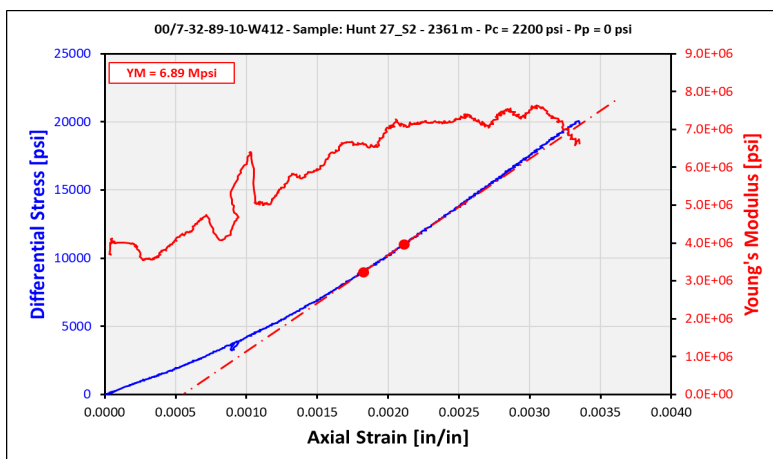


Company: Alberta Geological Survey, Alberta Energy Regulator
 Well: Multiple Wells
 Field: #N/A
 Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 2

Sample Information		Results	
Sample Name:	Hunt 27_S2	Max. Compressive Stress [psi]:	22276
Depth [m]:	2361.00	Scaled Compressive Strength [psi]:	48150
Length [in]:	2.2715	Static Elastic Parameters	
Diameter [in]:	1.5011		
L:D Ratio:	1.513	YM & PR	
As-Received Mass [g]:	173.700	Range	
As-Received Density [g/cm ³]:	2.637	Young's Modulus [Mpsi]:	6.89 45%
Tested Mass [g]:	173.700	Poisson's Ratio:	0.333 55%
Tested Density [g/cm ³]:	2.637	Young's Modulus [Mpsi]:	7.59 85%
Saturation State:	As-Received	Poisson's Ratio:	0.453 95%
Testing Conditions		Young's Modulus [Mpsi]:	6.40 30%
		Poisson's Ratio:	0.299 50%
Confining Pressure [psi]:	2200	Young's Modulus [Mpsi]:	6.84 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.323 67%
Temperature [°F]:	267.8	Young's Modulus [Mpsi]:	6.84 11%
Nominal Strain Rate [s ⁻¹]:	5.0E-06	Poisson's Ratio:	0.323 21%

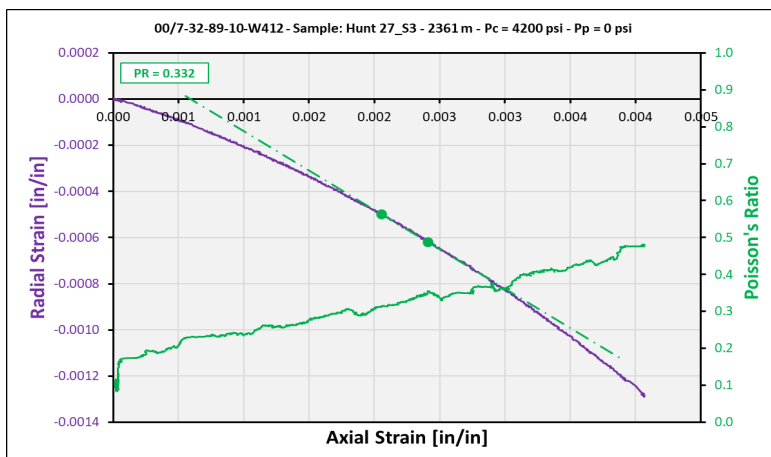
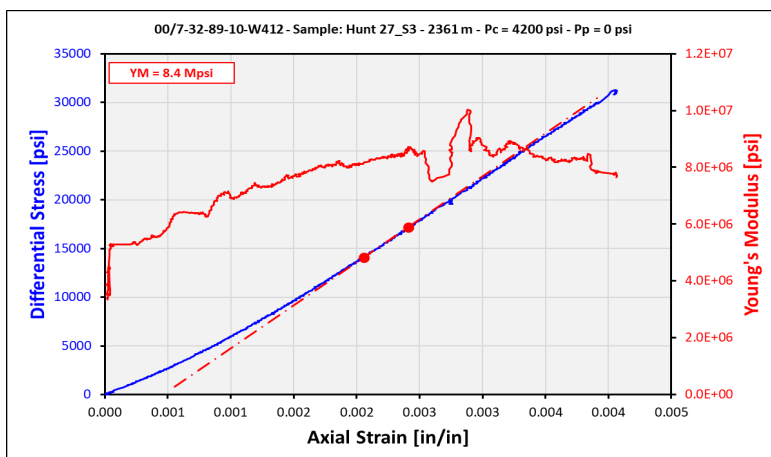


Company: Alberta Geological Survey, Alberta Energy Regulator
 Well: Multiple Wells
 Field: #N/A
 Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 3

Sample Information		Results	
Sample Name:	Hunt 27_S3	Max. Compressive Stress [psi]:	35456
Depth [m]:	2361.00	Scaled Compressive Strength [psi]:	61471
Length [in]:	2.2715	Static Elastic Parameters	
Diameter [in]:	1.5011		
L:D Ratio:	1.513	YM & PR	
As-Received Mass [g]:	173.700	Range	
As-Received Density [g/cm ³]:	2.637	Young's Modulus [Mpsi]:	8.40 45%
Tested Mass [g]:	173.700	Poisson's Ratio:	0.332 55%
Tested Density [g/cm ³]:	2.637	Young's Modulus [Mpsi]:	9.27 63%
Saturation State:	As-Received	Poisson's Ratio:	0.367 73%
Testing Conditions		Young's Modulus [Mpsi]:	8.09 30%
		Poisson's Ratio:	0.299 50%
Confining Pressure [psi]:	4200	Young's Modulus [Mpsi]:	8.29 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.325 67%
Temperature [°F]:	265.7	Young's Modulus [Mpsi]:	5.55 1%
Nominal Strain Rate [s ⁻¹]:	5.0E-06	Poisson's Ratio:	0.196 11%



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:	Hunt 27_S4	Compressive Strength [psi]: 74793	
Depth [m]:	2361.00	Static Elastic Parameters	
Length [in]:	2.2715		
Diameter [in]:	1.5011	YM & PR Range	
L:D Ratio:	1.513		
As-Received Mass [g]:	173.700	Young's Modulus [Mpsi]:	9.29 45%
As-Received Density [g/cm ³]:	2.637	Poisson's Ratio:	0.414 55%
Tested Mass [g]:	173.700	Young's Modulus [Mpsi]:	9.60 30%
Tested Density [g/cm ³]:	2.637	Poisson's Ratio:	0.347 40%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	9.47 20%
Testing Conditions		Poisson's Ratio:	0.337 45%
		Young's Modulus [Mpsi]:	9.15 33%
Confining Pressure [psi]:	6200	Poisson's Ratio:	0.429 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	#N/A #N/A
Temperature [°F]:	266.9	Poisson's Ratio:	#N/A #N/A
Nominal Strain Rate [s ⁻¹]:	5.0E-06		

