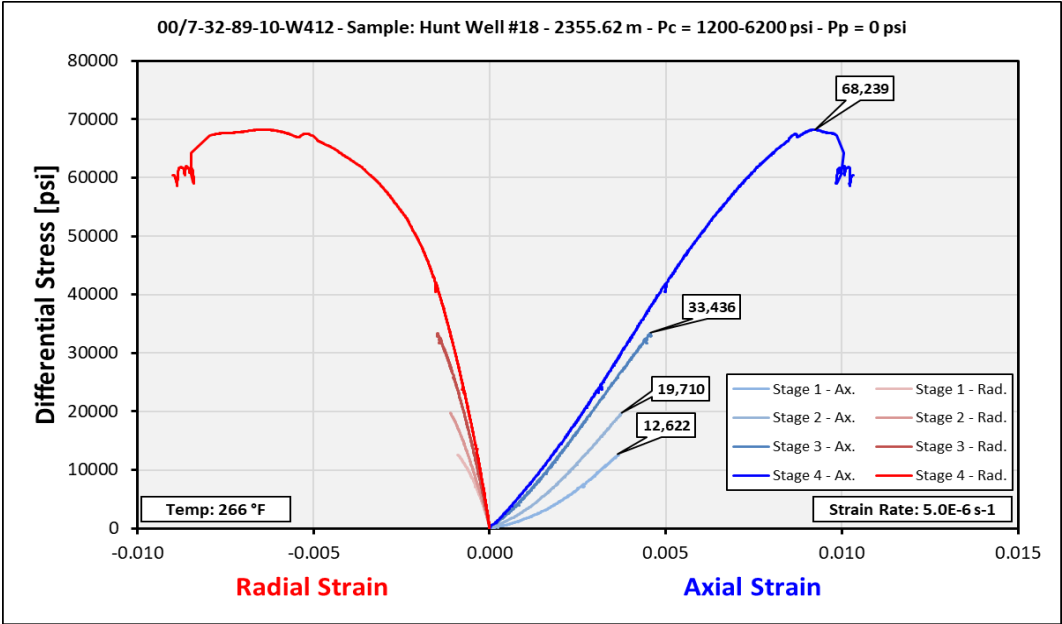


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada
Sample ID: Hunt Well #18 (old); 25BA_HW_018 (New)

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

Result of Triaxial Compressive Strength Test

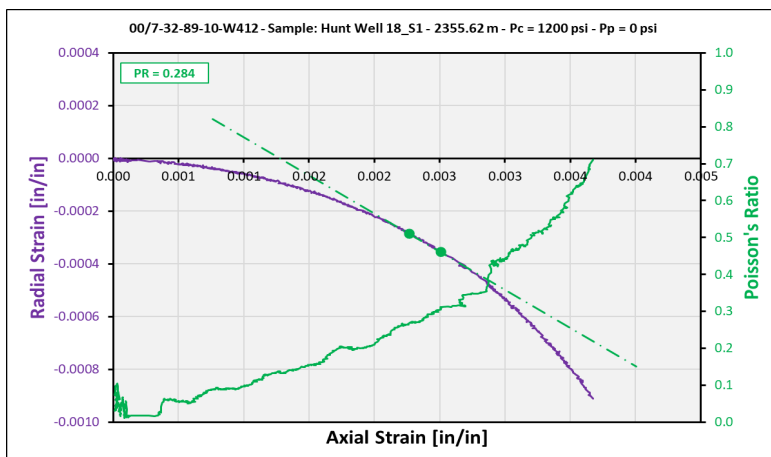
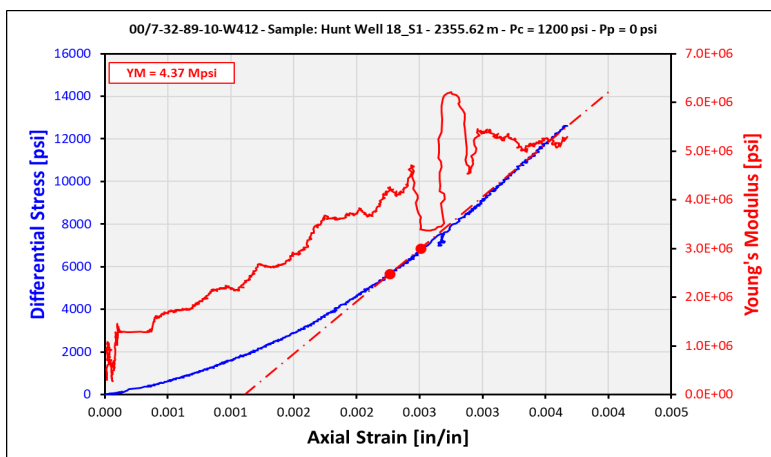


Company: Alberta Geological Survey, Alberta Energy Regulator
 Well: Multiple Wells
 Field: #N/A
 Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 1

Sample Information		Results	
Sample Name:	Hunt Well 18_S1	Max. Compressive Stress [psi]:	13822
Depth [m]:	2355.62	Scaled Compressive Strength [psi]:	37989
Length [in]:	2.3269	Static Elastic Parameters	
Diameter [in]:	1.5014		
L:D Ratio:	1.550	YM & PR	
As-Received Mass [g]:	180.800	Range	
As-Received Density [g/cm ³]:	2.678	Young's Modulus [Mpsi]:	4.37 45%
Tested Mass [g]:	180.800	Poisson's Ratio:	0.284 55%
Tested Density [g/cm ³]:	2.678	Young's Modulus [Mpsi]:	5.80 57%
Saturation State:	As-Received	Poisson's Ratio:	0.337 67%
Testing Conditions		Young's Modulus [Mpsi]:	3.88 30%
		Poisson's Ratio:	0.237 50%
Confining Pressure [psi]:	1200	Young's Modulus [Mpsi]:	4.18 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.283 67%
Temperature [°F]:	265.5	Young's Modulus [Mpsi]:	3.58 25%
Nominal Strain Rate [s ⁻¹]:	5.0E-06	Poisson's Ratio:	0.199 35%

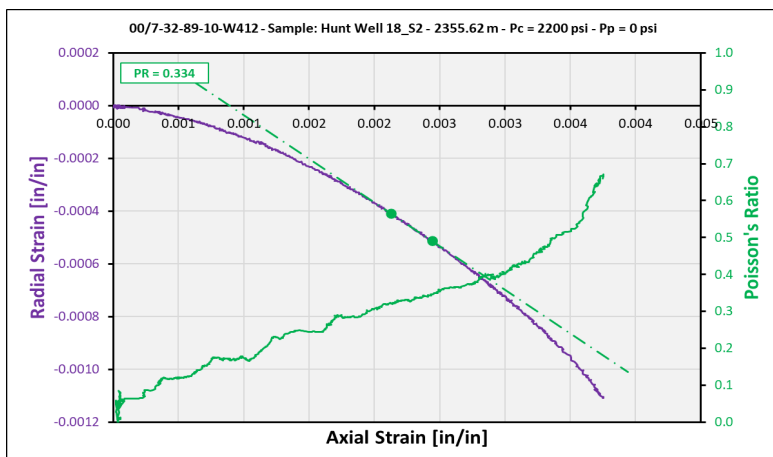
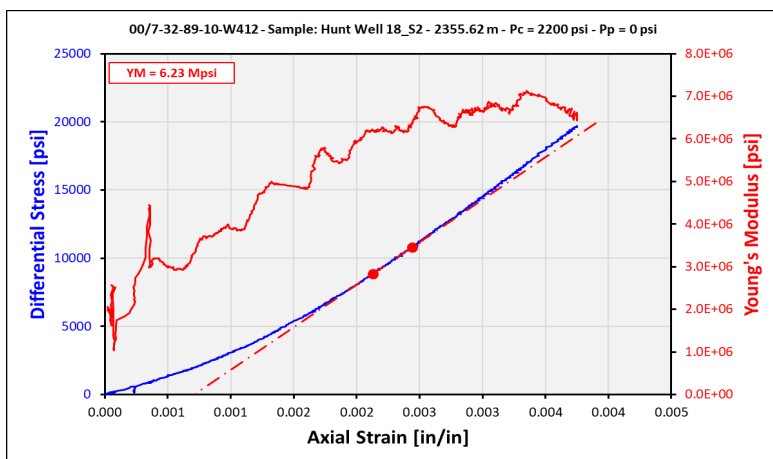


Company: Alberta Geological Survey, Alberta Energy Regulator
 Well: Multiple Wells
 Field: #N/A
 Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 2

Sample Information		Results	
Sample Name:	Hunt Well 18_S2	Max. Compressive Stress [psi]:	21910
Depth [m]:	2355.62	Scaled Compressive Strength [psi]:	45279
Length [in]:	2.3269	Static Elastic Parameters	
Diameter [in]:	1.5014		
L:D Ratio:	1.550	YM & PR	
As-Received Mass [g]:	180.800	Range	
As-Received Density [g/cm ³]:	2.678	Young's Modulus [Mpsi]:	6.23 45%
Tested Mass [g]:	180.800	Poisson's Ratio:	0.334 55%
Tested Density [g/cm ³]:	2.678	Young's Modulus [Mpsi]:	7.11 84%
Saturation State:	As-Received	Poisson's Ratio:	0.500 94%
Testing Conditions		Young's Modulus [Mpsi]:	5.83 30%
		Poisson's Ratio:	0.301 50%
Confining Pressure [psi]:	2200	Young's Modulus [Mpsi]:	6.22 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.331 67%
Temperature [°F]:	268.8	Young's Modulus [Mpsi]:	3.94 11%
Nominal Strain Rate [s ⁻¹]:	5.0E-06	Poisson's Ratio:	0.180 21%

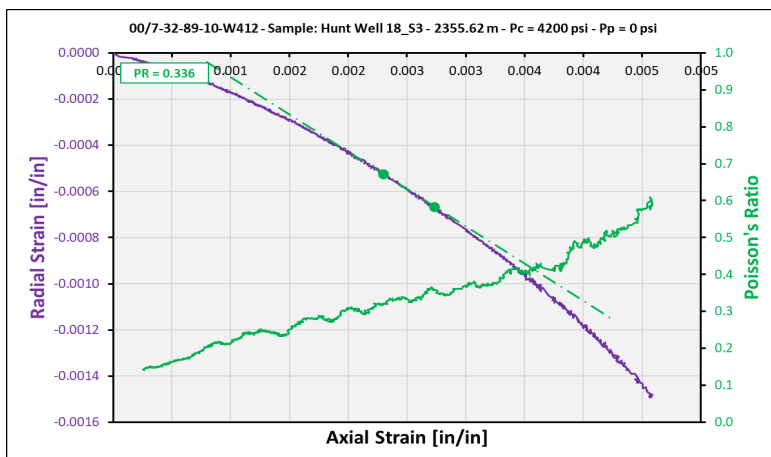
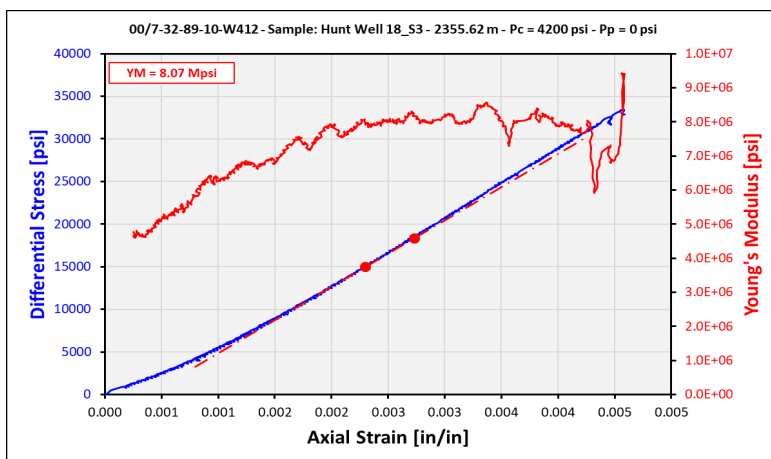


Company: Alberta Geological Survey, Alberta Energy Regulator
 Well: Multiple Wells
 Field: #N/A
 Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 3

Sample Information		Results	
Sample Name:	Hunt Well 18_S3	Max. Compressive Stress [psi]:	37636
Depth [m]:	2355.62	Scaled Compressive Strength [psi]:	59859
Length [in]:	2.3269	Static Elastic Parameters	
Diameter [in]:	1.5014		
L:D Ratio:	1.550	YM & PR	
As-Received Mass [g]:	180.800	Range	
As-Received Density [g/cm ³]:	2.678	Young's Modulus [Mpsi]:	8.07 45%
Tested Mass [g]:	180.800	Poisson's Ratio:	0.336 55%
Tested Density [g/cm ³]:	2.678	Young's Modulus [Mpsi]:	8.38 65%
Saturation State:	As-Received	Poisson's Ratio:	0.397 75%
Testing Conditions		Young's Modulus [Mpsi]:	7.84 30%
		Poisson's Ratio:	0.306 50%
Confining Pressure [psi]:	4200	Young's Modulus [Mpsi]:	8.07 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.336 67%
Temperature [°F]:	264.1	Young's Modulus [Mpsi]:	4.99 1%
Nominal Strain Rate [s ⁻¹]:	5.0E-06	Poisson's Ratio:	0.155 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 Well 18_S4	Compressive Strength [psi]: 74439	
Depth [m]:	2355.62	Static Elastic Parameters	
Length [in]:	2.3269		
Diameter [in]:	1.5014	YM & PR Range	
L:D Ratio:	1.550		
As-Received Mass [g]:	180.800	Young's Modulus [Mpsi]:	9.52 45%
As-Received Density [g/cm ³]:	2.678	Poisson's Ratio:	0.417 55%
Tested Mass [g]:	180.800	Young's Modulus [Mpsi]:	9.82 34%
Tested Density [g/cm3]:	2.678	Poisson's Ratio:	0.363 44%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	9.01 20%
Testing Conditions		Poisson's Ratio:	0.330 45%
		Young's Modulus [Mpsi]:	9.37 33%
Confining Pressure [psi]:	6200	Poisson's Ratio:	0.425 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	#N/A #N/A
Temperature [°F]:	267.5	Poisson's Ratio:	#N/A #N/A
Nominal Strain Rate [s-1]:	5.0E-06		

