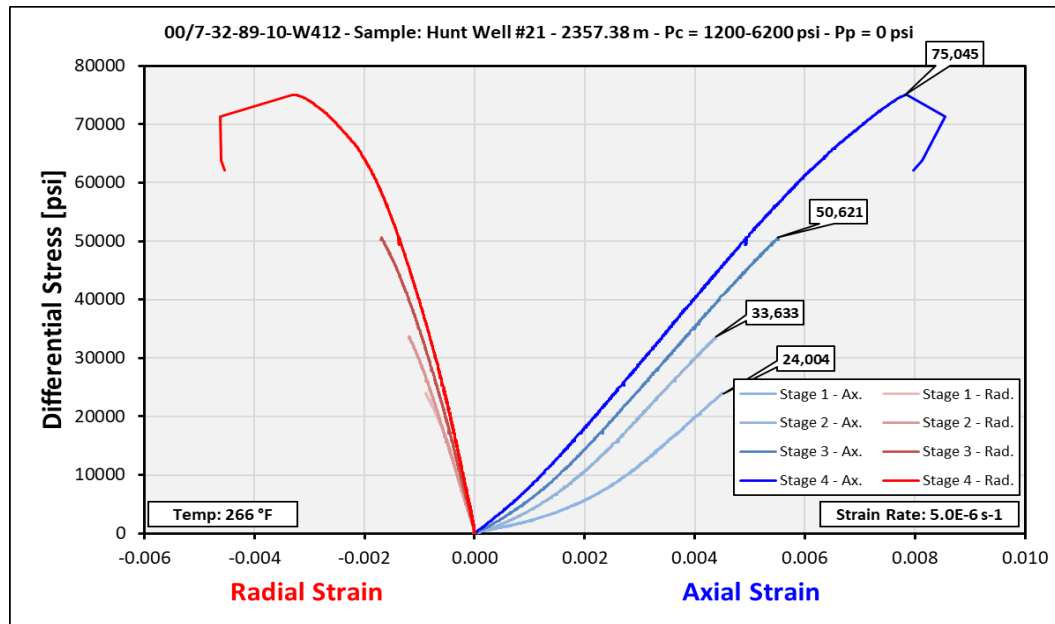


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada
Sample ID: Hunt Well #21 (Old); 25BA_HW_021 (New)

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

Result of Triaxial Compressive Strength Test

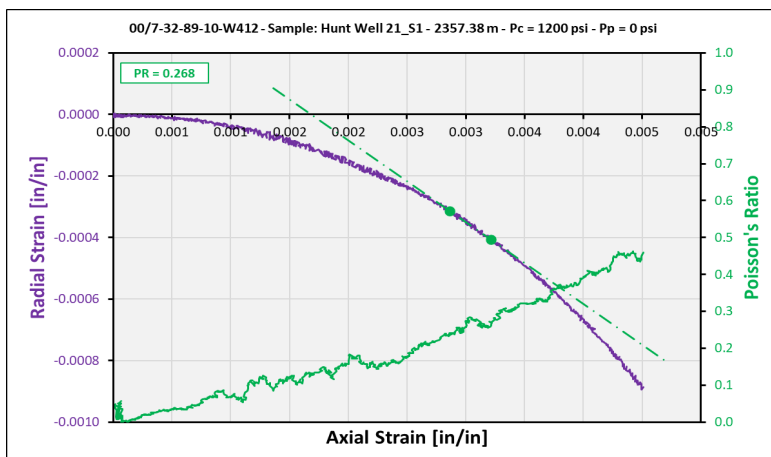
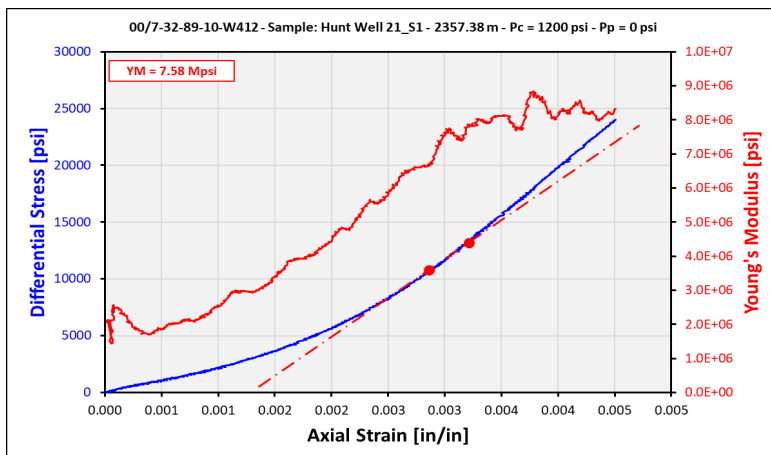


Company: Alberta Geological Survey, Alberta Energy Regulator
 Well: Multiple Wells
 Field: #N/A
 Location: Onshore, Canada

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 21_S1	Max. Compressive Stress [psi]:	25204
Depth [m]:	2357.38	Scaled Compressive Strength [psi]:	38924
Length [in]:	2.3169	Static Elastic Parameters	
Diameter [in]:	1.5008		
L:D Ratio:	1.544	YM & PR	
As-Received Mass [g]:	181.900	Range	
As-Received Density [g/cm ³]:	2.708	Young's Modulus [Mpsi]:	7.58 45%
Tested Mass [g]:	181.900	Poisson's Ratio:	0.268 55%
Tested Density [g/cm ³]:	2.708	Young's Modulus [Mpsi]:	8.74 71%
Saturation State:	As-Received	Poisson's Ratio:	0.367 81%
Testing Conditions		Young's Modulus [Mpsi]:	6.49 30%
		Poisson's Ratio:	0.212 50%
Confining Pressure [psi]:	1200	Young's Modulus [Mpsi]:	7.30 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.252 67%
Temperature [°F]:	264.4	Young's Modulus [Mpsi]:	3.78 13%
Nominal Strain Rate [s ⁻¹]:	5.0E-06	Poisson's Ratio:	0.123 23%

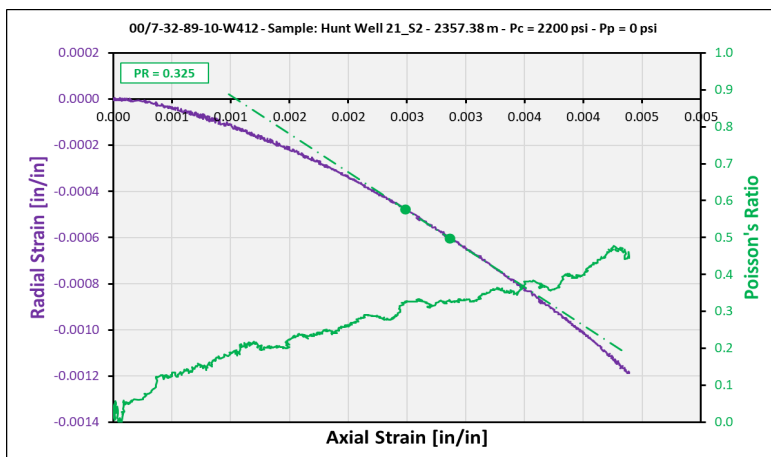
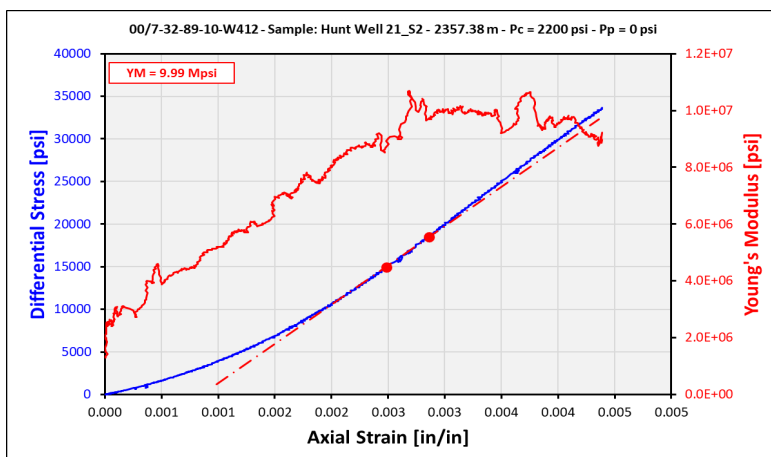


Company: Alberta Geological Survey, Alberta Energy Regulator
 Well: Multiple Wells
 Field: #N/A
 Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 2

Sample Information		Results	
Sample Name:	Hunt Well 21_S2	Max. Compressive Stress [psi]:	35833
Depth [m]:	2357.38	Scaled Compressive Strength [psi]:	47388
Length [in]:	2.3169	Static Elastic Parameters	
Diameter [in]:	1.5008		
L:D Ratio:	1.544	YM & PR	
As-Received Mass [g]:	181.900	Range	
As-Received Density [g/cm ³]:	2.708	Young's Modulus [Mpsi]:	9.99 45%
Tested Mass [g]:	181.900	Poisson's Ratio:	0.325 55%
Tested Density [g/cm ³]:	2.708	Young's Modulus [Mpsi]:	10.26 47%
Saturation State:	As-Received	Poisson's Ratio:	0.324 57%
Testing Conditions		Young's Modulus [Mpsi]:	8.85 30%
		Poisson's Ratio:	0.297 50%
Confining Pressure [psi]:	2200	Young's Modulus [Mpsi]:	9.60 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.319 67%
Temperature [°F]:	264.4	Young's Modulus [Mpsi]:	5.04 6%
Nominal Strain Rate [s ⁻¹]:	5.0E-06	Poisson's Ratio:	0.178 16%

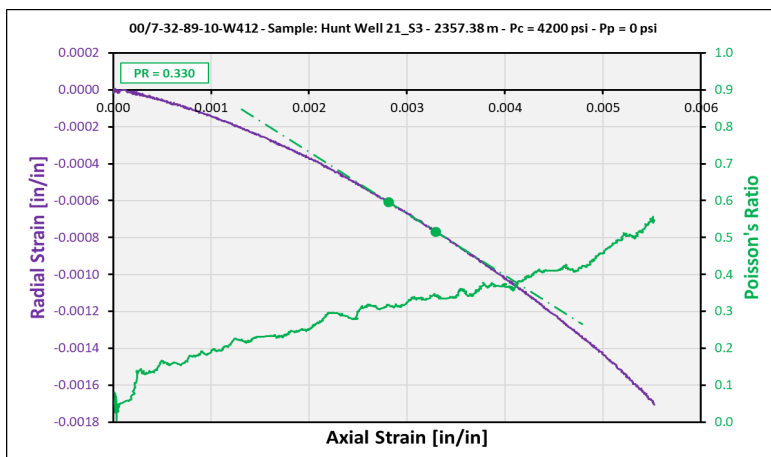
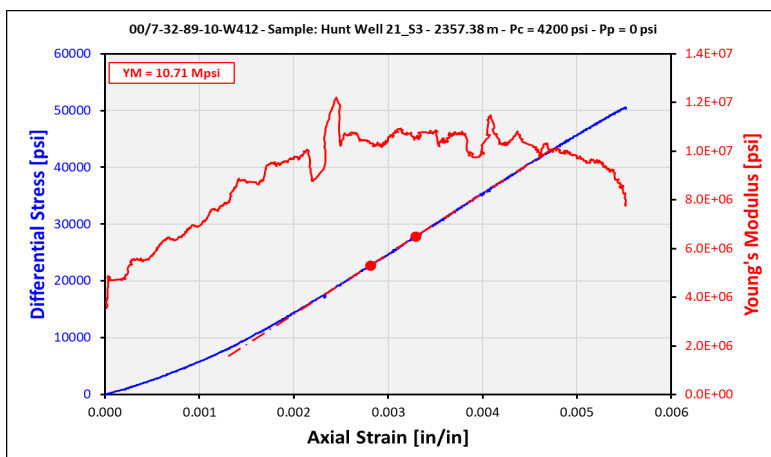


Company: Alberta Geological Survey, Alberta Energy Regulator
 Well: Multiple Wells
 Field: #N/A
 Location: Onshore, Canada

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 21_S3	Max. Compressive Stress [psi]:	54821
Depth [m]:	2357.38	Scaled Compressive Strength [psi]:	64316
Length [in]:	2.3169	Static Elastic Parameters	
Diameter [in]:	1.5008		
L:D Ratio:	1.544	YM & PR	
As-Received Mass [g]:	181.900	Range	
As-Received Density [g/cm ³]:	2.708	Young's Modulus [Mpsi]:	10.71 45%
Tested Mass [g]:	181.900	Poisson's Ratio:	0.330 55%
Tested Density [g/cm ³]:	2.708	Young's Modulus [Mpsi]:	10.93 33%
Saturation State:	As-Received	Poisson's Ratio:	0.300 43%
Testing Conditions		Young's Modulus [Mpsi]:	10.29 25%
		Poisson's Ratio:	0.295 50%
Confining Pressure [psi]:	4200	Young's Modulus [Mpsi]:	10.66 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.329 67%
Temperature [°F]:	266.3	Young's Modulus [Mpsi]:	5.61 0%
Nominal Strain Rate [s ⁻¹]:	5.0E-06	Poisson's Ratio:	0.132 10%



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 21_S4	Compressive Strength [psi]:	81245
Depth [m]:	2357.38	Static Elastic Parameters	
Length [in]:	2.3169		
Diameter [in]:	1.5008	YM & PR Range	
L:D Ratio:	1.544		
As-Received Mass [g]:	181.900	Young's Modulus [Mpsi]:	11.14 45%
As-Received Density [g/cm ³]:	2.708	Poisson's Ratio:	0.349 55%
Tested Mass [g]:	181.900	Young's Modulus [Mpsi]:	11.30 42%
Tested Density [g/cm ³]:	2.708	Poisson's Ratio:	0.340 52%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	11.01 20%
Testing Conditions		Poisson's Ratio:	0.290 45%
		Young's Modulus [Mpsi]:	11.08 33%
Confining Pressure [psi]:	6200	Poisson's Ratio:	0.349 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	#N/A #N/A
Temperature [°F]:	266.7	Poisson's Ratio:	#N/A #N/A
Nominal Strain Rate [s ⁻¹]:	5.0E-06		

