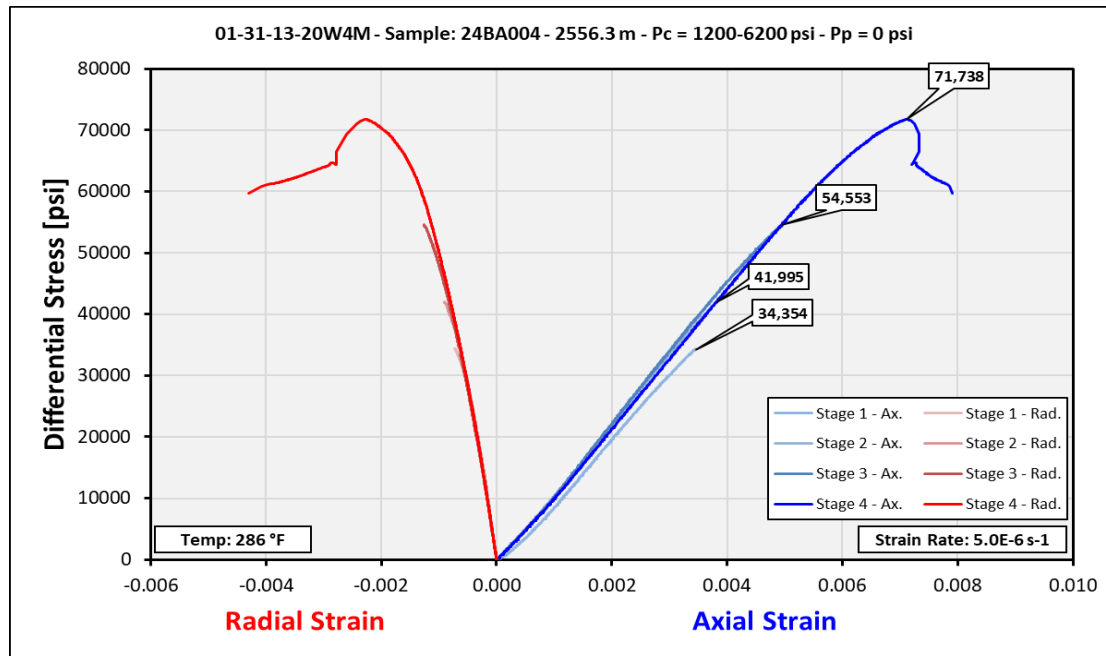


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test

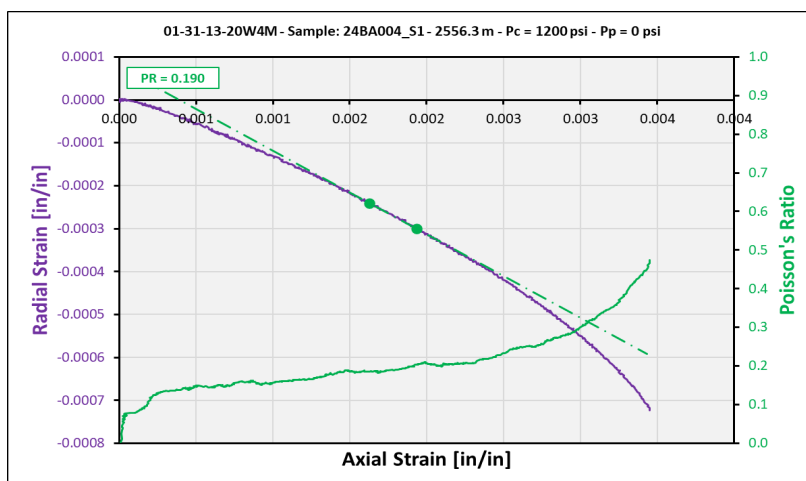
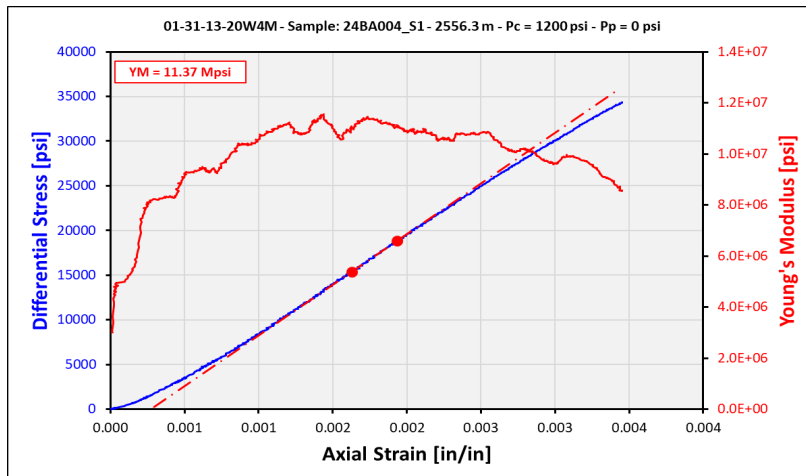


Company: Alberta Geological Survey, Alberta Energy Regulator
 Well: Multiple Wells
 Field: #N/A
 Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 1

Sample Information		Results	
Sample Name:	24BA004_S1	Max. Compressive Stress [psi]:	35554
Depth [m]:	2556.30	Scaled Compressive Strength [psi]:	41747
Length [in]:	3.0168	Static Elastic Parameters	
Diameter [in]:	1.4743		
L:D Ratio:	2.046	YM & PR Range	
As-Received Mass [g]:	227.600	Young's Modulus [Mpsi]:	11.37 45%
As-Received Density [g/cm ³]:	2.697	Poisson's Ratio:	0.190 55%
Tested Mass [g]:	227.600	Young's Modulus [Mpsi]:	11.38 44%
Tested Density [g/cm ³]:	2.697	Poisson's Ratio:	0.187 54%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	11.03 20%
Testing Conditions		Poisson's Ratio:	0.170 45%
		Young's Modulus [Mpsi]:	11.13 33%
Confining Pressure [psi]:	1200	Poisson's Ratio:	0.194 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	9.43 10%
Temperature [°F]:	290.4	Poisson's Ratio:	0.149 20%
Nominal Strain Rate [s ⁻¹]:	5.0E-06		

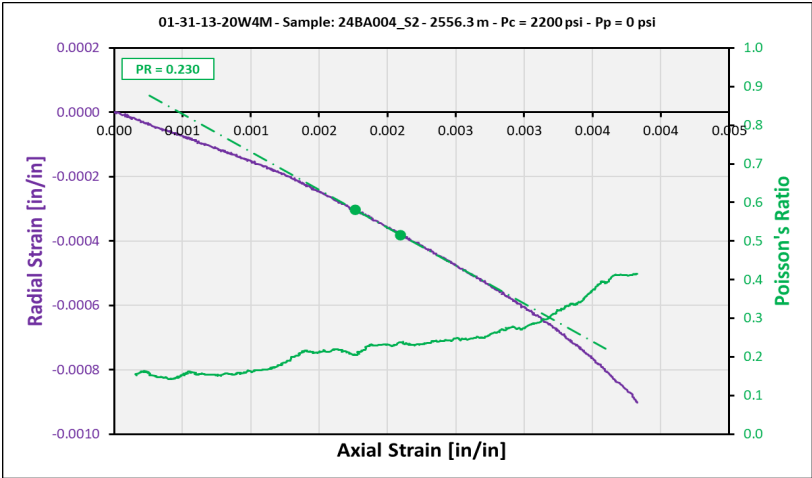
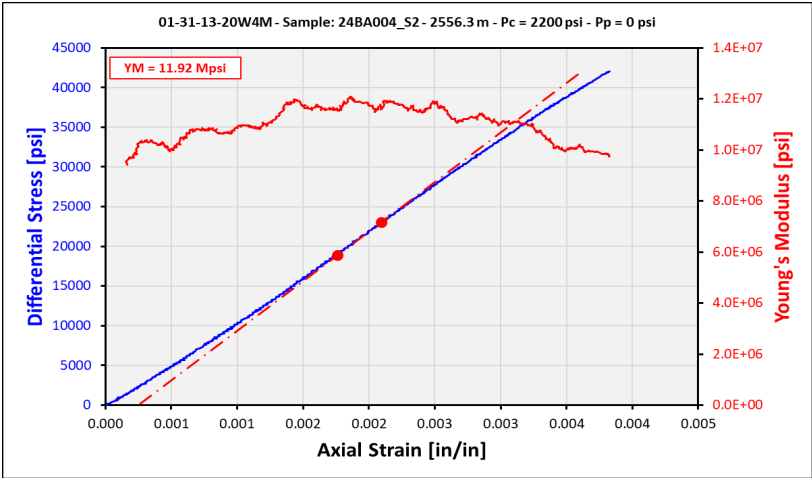


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 2

Sample Information		Results	
Sample Name:	24BA004_S2	Max. Compressive Stress [psi]:	44195
Depth [m]:	2556.30	Scaled Compressive Strength [psi]:	48985
Length [in]:	3.0168	Static Elastic Parameters	
Diameter [in]:	1.4743		
L:D Ratio:	2.046	YM & PR	
As-Received Mass [g]:	227.600	Range	
As-Received Density [g/cm ³]:	2.697	Young's Modulus [Mpsi]:	11.92 45%
Tested Mass [g]:	227.600	Poisson's Ratio:	0.230 55%
Tested Density [g/cm ³]:	2.697	Young's Modulus [Mpsi]:	11.92 43%
Saturation State:	As-Received	Poisson's Ratio:	0.222 53%
Testing Conditions		Young's Modulus [Mpsi]:	11.40 20%
Confining Pressure [psi]:	2200	Poisson's Ratio:	0.192 45%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	11.83 33%
Temperature [°F]:	282.4	Poisson's Ratio:	0.226 67%
Nominal Strain Rate [s ⁻¹]:	5.0E-06	Young's Modulus [Mpsi]:	10.25 6%
		Poisson's Ratio:	0.151 16%

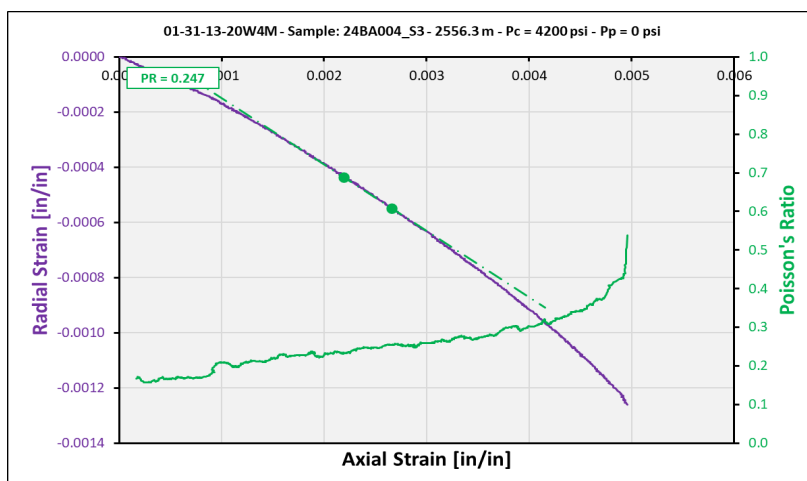
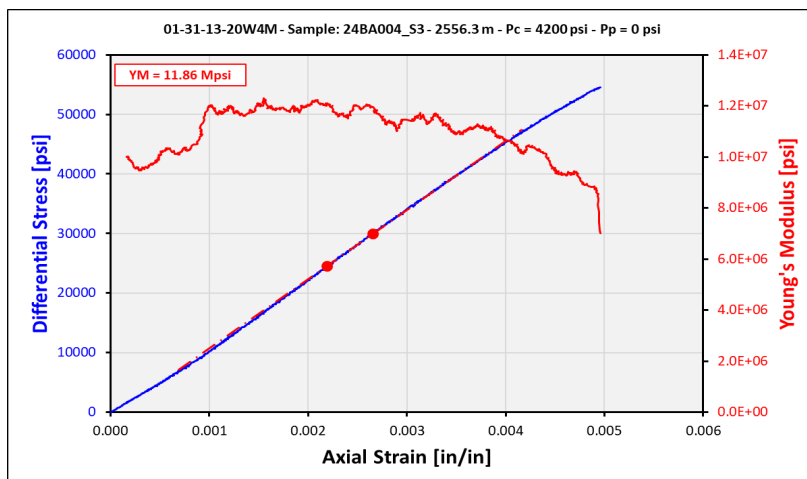


Company: Alberta Geological Survey, Alberta Energy Regulator
 Well: Multiple Wells
 Field: #N/A
 Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 3

Sample Information		Results	
Sample Name:	24BA004_S3	Max. Compressive Stress [psi]:	58753
Depth [m]:	2556.30	Scaled Compressive Strength [psi]:	63461
Length [in]:	3.0168	Static Elastic Parameters	
Diameter [in]:	1.4743		
L:D Ratio:	2.046	YM & PR	
As-Received Mass [g]:	227.600	Range	
As-Received Density [g/cm ³]:	2.697	Young's Modulus [Mpsi]:	11.86 45%
Tested Mass [g]:	227.600	Poisson's Ratio:	0.247 55%
Tested Density [g/cm ³]:	2.697	Young's Modulus [Mpsi]:	12.12 38%
Saturation State:	As-Received	Poisson's Ratio:	0.232 48%
Testing Conditions		Young's Modulus [Mpsi]:	11.99 20%
		Poisson's Ratio:	0.223 45%
Confining Pressure [psi]:	4200	Young's Modulus [Mpsi]:	11.85 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.246 67%
Temperature [°F]:	283.8	Young's Modulus [Mpsi]:	9.80 1%
Nominal Strain Rate [s ⁻¹]:	5.0E-06	Poisson's Ratio:	0.165 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:	24BA004_S4	Compressive Strength [psi]:	77938
Depth [m]:	2556.30	Static Elastic Parameters	
Length [in]:	3.0168		
Diameter [in]:	1.4743	YM & PR Range	
L:D Ratio:	2.046		
As-Received Mass [g]:	227.600	Young's Modulus [Mpsi]:	11.49 45%
As-Received Density [g/cm ³]:	2.697	Poisson's Ratio:	0.251 55%
Tested Mass [g]:	227.600	Young's Modulus [Mpsi]:	11.52 30%
Tested Density [g/cm ³]:	2.697	Poisson's Ratio:	0.222 40%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	11.45 15%
Testing Conditions		Poisson's Ratio:	0.210 40%
		Young's Modulus [Mpsi]:	11.42 33%
Confining Pressure [psi]:	6200	Poisson's Ratio:	0.254 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	#N/A #N/A
Temperature [°F]:	286.7	Poisson's Ratio:	#N/A #N/A
Nominal Strain Rate [s ⁻¹]:	5.0E-06		

