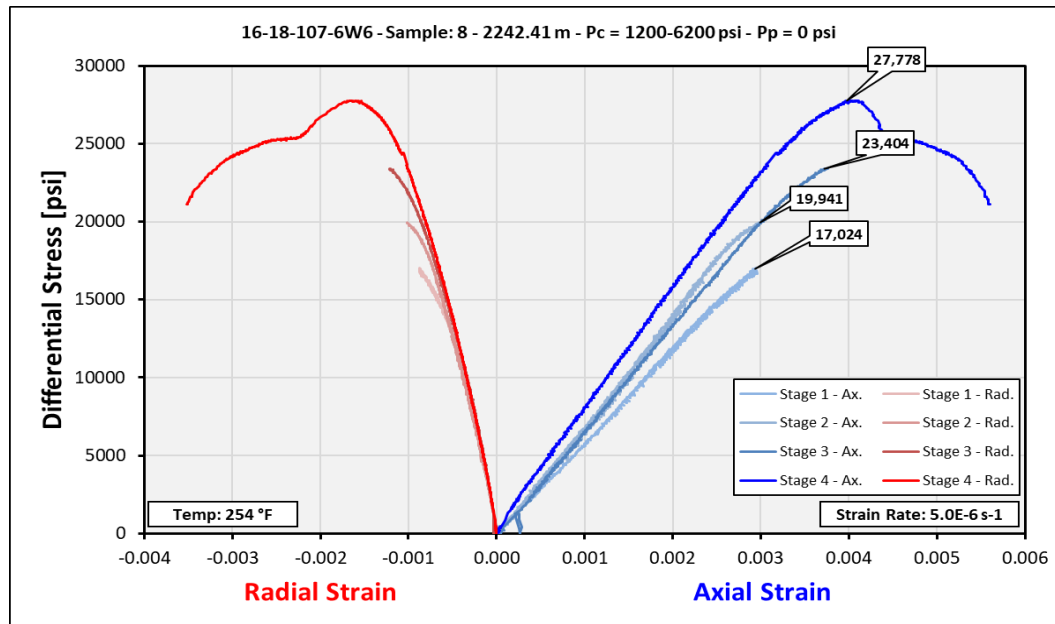


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada
Sample ID: 8 (old); 25BA021 (New)

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

Result of Triaxial Compressive Strength Test

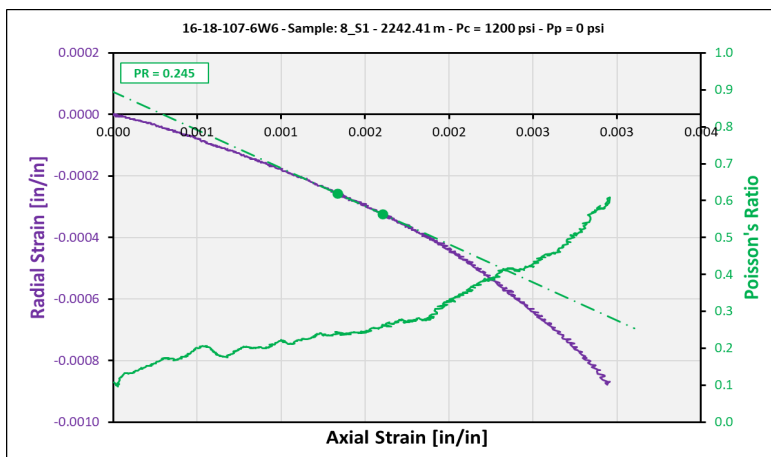
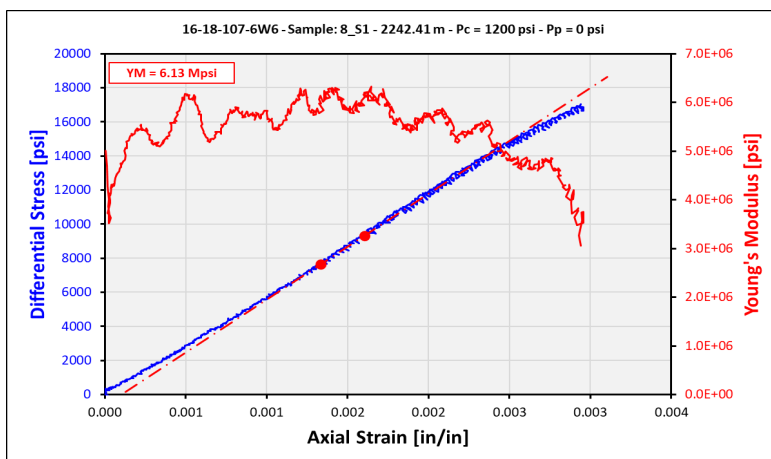


Company: Alberta Geological Survey, Alberta Energy Regulator
 Well: Multiple Wells
 Field: #N/A
 Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 1

Sample Information		Results	
Sample Name:	8_S1	Max. Compressive Stress [psi]:	18225
Depth [m]:	2242.41	Scaled Compressive Strength [psi]:	19556
Length [in]:	1.8884	Static Elastic Parameters	
Diameter [in]:	0.9804		
L:D Ratio:	1.926	YM & PR	
As-Received Mass [g]:	63.400	Young's Modulus [Mpsi]:	6.13 45%
As-Received Density [g/cm ³]:	2.714	Poisson's Ratio:	0.245 55%
Tested Mass [g]:	63.400	Young's Modulus [Mpsi]:	6.20 43%
Tested Density [g/cm ³]:	2.714	Poisson's Ratio:	0.246 53%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	5.76 20%
Testing Conditions		Poisson's Ratio:	0.212 45%
		Young's Modulus [Mpsi]:	6.18 33%
Confining Pressure [psi]:	1200	Poisson's Ratio:	0.253 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	5.48 17%
Temperature [°F]:	254.5	Poisson's Ratio:	0.189 27%
Nominal Strain Rate [s ⁻¹]:	5.0E-06		

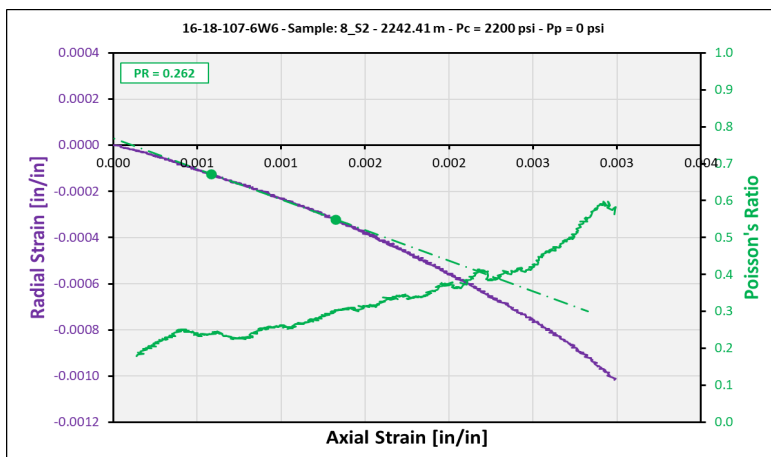
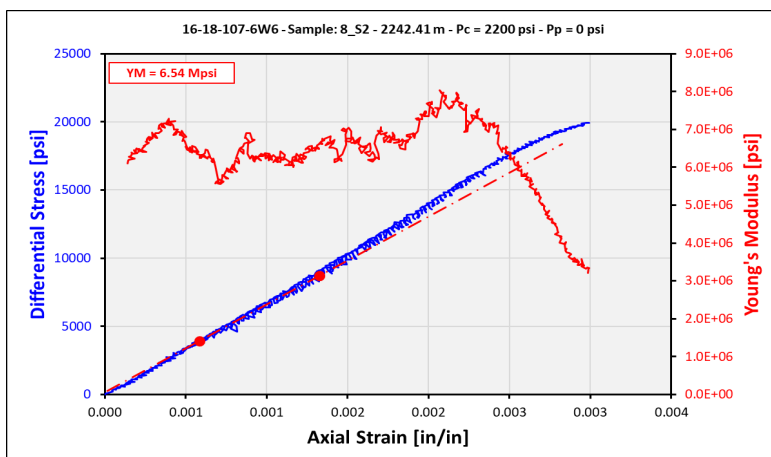


Company: Alberta Geological Survey, Alberta Energy Regulator
 Well: Multiple Wells
 Field: #N/A
 Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 2

Sample Information		Results	
Sample Name:	8_S2	Max. Compressive Stress [psi]:	22141
Depth [m]:	2242.41	Scaled Compressive Strength [psi]:	22440
Length [in]:	1.8884	Static Elastic Parameters	
Diameter [in]:	0.9804		
L:D Ratio:	1.926		YM & PR
As-Received Mass [g]:	63.400	Young's Modulus [Mpsi]:	6.83 45%
As-Received Density [g/cm ³]:	2.714	Poisson's Ratio:	0.312 55%
Tested Mass [g]:	63.400	Young's Modulus [Mpsi]:	7.82 66%
Tested Density [g/cm ³]:	2.714	Poisson's Ratio:	0.377 76%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	6.54 20%
		Poisson's Ratio:	0.262 45%
Testing Conditions		Young's Modulus [Mpsi]:	7.10 33%
Confining Pressure [psi]:	2200	Poisson's Ratio:	0.324 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	#N/A #N/A
Temperature [°F]:	250.6	Poisson's Ratio:	#N/A #N/A
Nominal Strain Rate [s ⁻¹]:	5.0E-06		

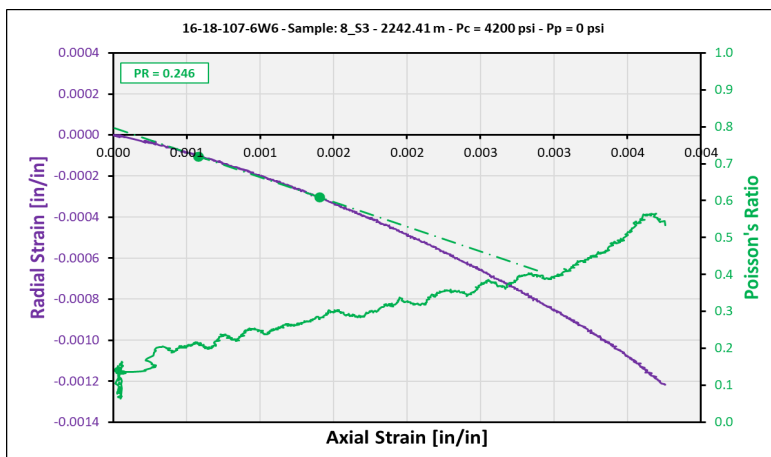
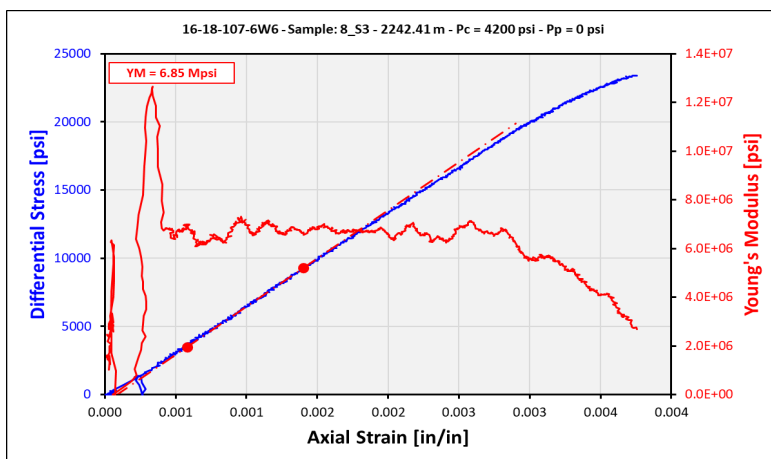


Company: Alberta Geological Survey, Alberta Energy Regulator
 Well: Multiple Wells
 Field: #N/A
 Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 3

Sample Information		Results	
Sample Name:	8_S3	Max. Compressive Stress [psi]:	27604
Depth [m]:	2242.41	Scaled Compressive Strength [psi]:	28209
Length [in]:	1.8884	Static Elastic Parameters	
Diameter [in]:	0.9804		
L:D Ratio:	1.926		
As-Received Mass [g]:	63.400		
As-Received Density [g/cm ³]:	2.714	Young's Modulus [Mpsi]:	6.74 45%
Tested Mass [g]:	63.400	Poisson's Ratio:	0.301 55%
Tested Density [g/cm ³]:	2.714	Young's Modulus [Mpsi]:	7.03 24%
Saturation State:	As-Received	Poisson's Ratio:	0.250 34%
Testing Conditions		Young's Modulus [Mpsi]:	6.85 15%
		Poisson's Ratio:	0.246 40%
Confining Pressure [psi]:	4200	Young's Modulus [Mpsi]:	6.79 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.308 67%
Temperature [°F]:	257.4	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:	8_S4	Compressive Strength [psi]:	33978
Depth [m]:	2242.41	Static Elastic Parameters	
Length [in]:	1.8884		
Diameter [in]:	0.9804	YM & PR	
L:D Ratio:	1.926		
As-Received Mass [g]:	63.400	Young's Modulus [Mpsi]:	7.99 45%
As-Received Density [g/cm³]:	2.714	Poisson's Ratio:	0.355 55%
Tested Mass [g]:	63.400	Young's Modulus [Mpsi]:	8.02 43%
Tested Density [g/cm³]:	2.714	Poisson's Ratio:	0.344 53%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	7.65 15%
Testing Conditions		Poisson's Ratio:	0.289 40%
		Young's Modulus [Mpsi]:	7.74 33%
Confining Pressure [psi]:	6200	Poisson's Ratio:	0.346 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	#N/A #N/A
Temperature [°F]:	253.2	Poisson's Ratio:	#N/A #N/A
Nominal Strain Rate [s⁻¹]:	5.0E-06		

