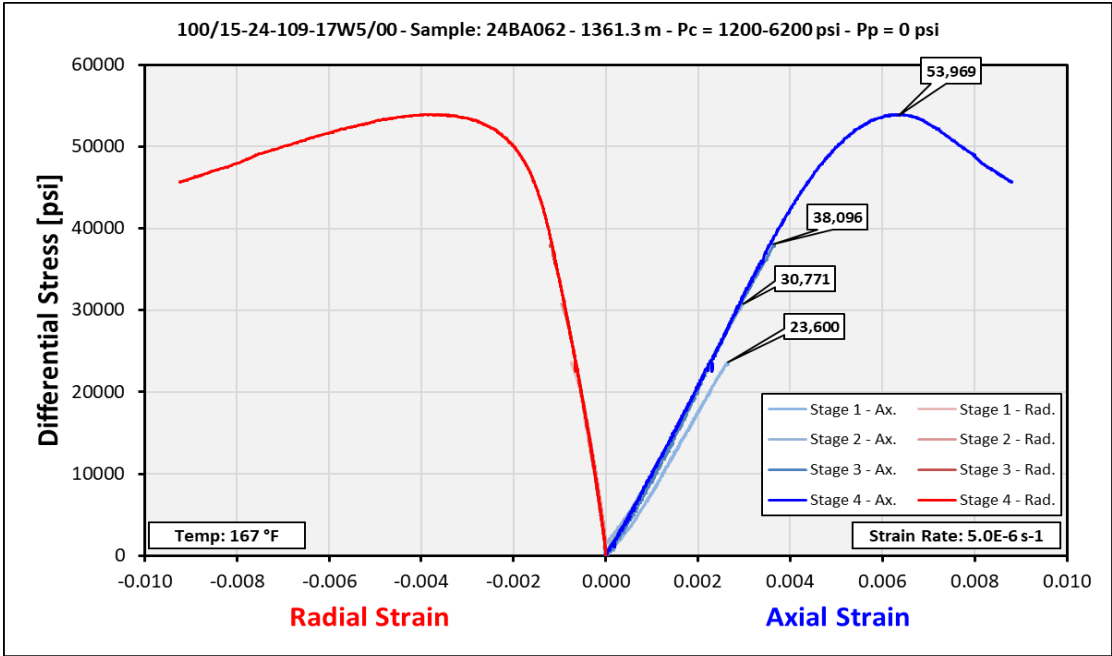


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test

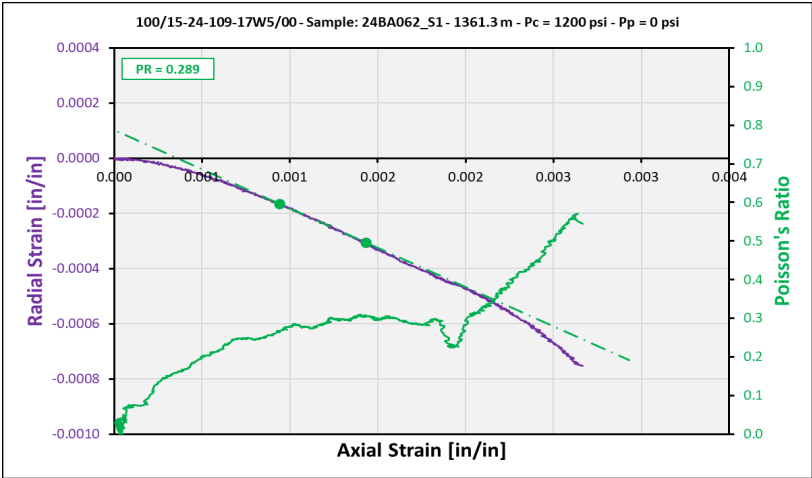
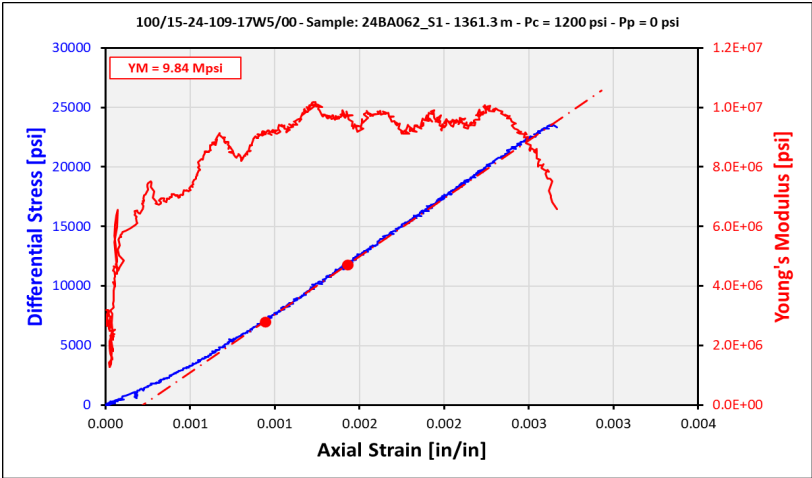


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 1

	Sample Information		Results		
	Sample Name:	24BA062_S1	Max. Compressive Stress [psi]:	24800	34484
	Depth (m):	1361.30	Scaled Compressive Strength [psi]:		
	Length [in]:	2.0644			
	Diameter [in]:	0.9786	Static Elastic Parameters		
	L:D Ratio:	2.110			YM & PR
	As-Received Mass [g]:	70.300			Range
	As-Received Density [g/cm³]:	2.763	Young's Modulus [Mpsi]:	9.87	40%
	Tested Mass [g]:	70.300	Poisson's Ratio:	0.305	60%
	Tested Density [g/cm³]:	2.763	Young's Modulus [Mpsi]:	9.99	34%
	Saturation State:	As-Received	Poisson's Ratio:	0.298	54%
			Young's Modulus [Mpsi]:	9.84	30%
			Poisson's Ratio:	0.289	50%
	Testing Conditions				
	Confining Pressure [psi]:	1200	Young's Modulus [Mpsi]:	9.89	33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.299	67%	
Temperature [°F]:	Ambient	Young's Modulus [Mpsi]:	7.90	6%	
Nominal Strain Rate [s⁻¹]:	5.0E-06	Poisson's Ratio:	0.207	26%	

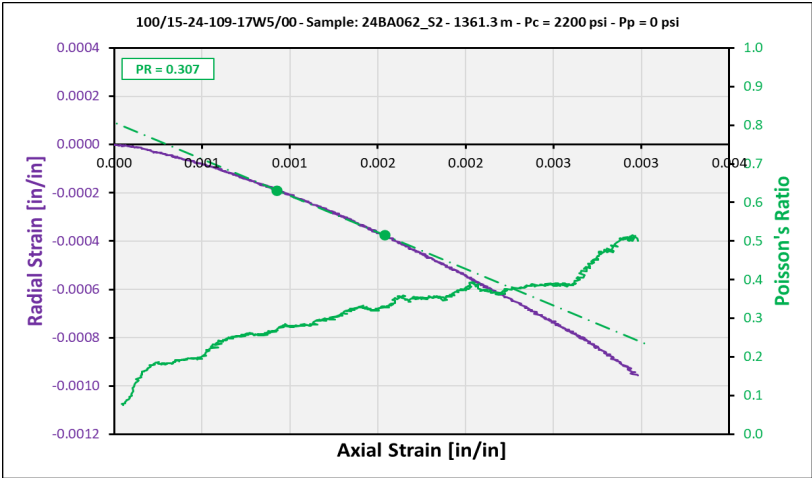
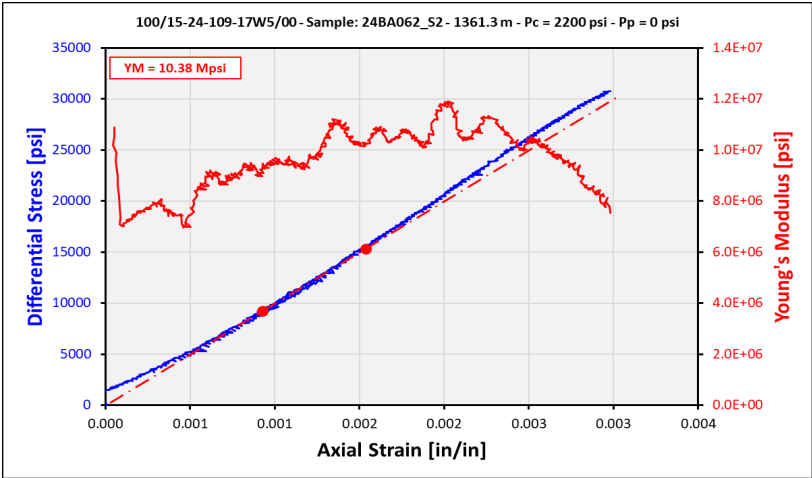


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 2

Sample Information			Results		
Sample Name:	24BA062_S2		Max. Compressive Stress [psi]:	32971	
Depth (m):	1361.30		Scaled Compressive Strength [psi]:	39621	
Length [in]:	2.0644		Static Elastic Parameters		
Diameter [in]:	0.9786		YM & PR		
L:D Ratio:	2.110		Range		
As-Received Mass [g]:	70.300		Young's Modulus [Mpsi]:	10.91	40%
As-Received Density [g/cm ³]:	2.763		Poisson's Ratio:	0.340	60%
Tested Mass [g]:	70.300		Young's Modulus [Mpsi]:	11.67	62%
Tested Density [g/cm ³]:	2.763		Poisson's Ratio:	0.380	72%
Saturation State:	As-Received		Young's Modulus [Mpsi]:	10.38	30%
Testing Conditions			Poisson's Ratio:	0.307	50%
Confining Pressure [psi]:	2200		Young's Modulus [Mpsi]:	10.77	33%
Pore Pressure [psi]:	0		Poisson's Ratio:	0.337	67%
Temperature [°F]:	Ambient		Young's Modulus [Mpsi]:	#N/A	#N/A
Nominal Strain Rate [s ⁻¹]:	5.0E-06		Poisson's Ratio:	#N/A	#N/A

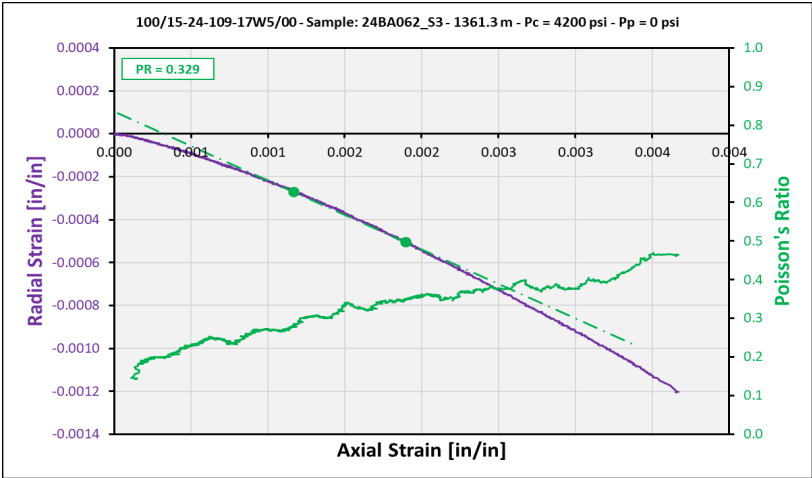
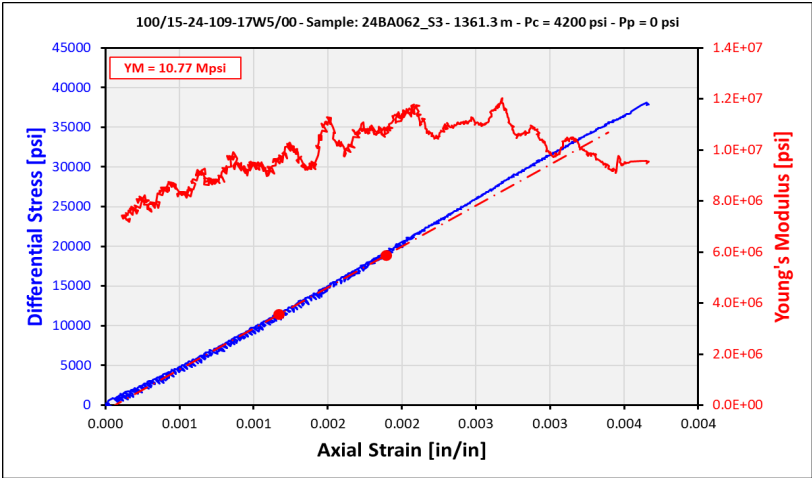


Company: Alberta Geological Survey, Alberta Energy Regulator
Well: Multiple Wells
Field: #N/A
Location: Onshore, Canada

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

Result of Triaxial Compressive Strength Test - Stage 3

Sample Information		Results	
Sample Name:	24BA062_S3	Max. Compressive Stress [psi]:	42296
Depth (m):	1361.30	Scaled Compressive Strength [psi]:	49895
Length [in]:	2.0644	Static Elastic Parameters	
Diameter [in]:	0.9786		
L:D Ratio:	2.110	YM & PR	
As-Received Mass [g]:	70.300	Range	
As-Received Density [g/cm ³]:	2.763	Young's Modulus [Mpsi]:	11.15 45%
Tested Mass [g]:	70.300	Poisson's Ratio:	0.352 55%
Tested Density [g/cm ³]:	2.763	Young's Modulus [Mpsi]:	11.62 50%
Saturation State:	As-Received	Poisson's Ratio:	0.361 60%
Testing Conditions		Young's Modulus [Mpsi]:	10.77 30%
		Poisson's Ratio:	0.329 50%
Confining Pressure [psi]:	4200	Young's Modulus [Mpsi]:	11.17 33%
Pore Pressure [psi]:	0	Poisson's Ratio:	0.350 67%
Temperature [°F]:	Ambient	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:	24BA062_S4	Compressive Strength [psi]:	60169
Depth (m):	1361.30	Static Elastic Parameters	
Length [in]:	2.0644		
Diameter [in]:	0.9786	YM & PR Range	
L:D Ratio:	2.110		
As-Received Mass [g]:	70.300	Young's Modulus [Mpsi]:	11.51 45%
As-Received Density [g/cm ³]:	2.763	Poisson's Ratio:	0.397 55%
Tested Mass [g]:	70.300	Young's Modulus [Mpsi]:	11.70 43%
Tested Density [g/cm ³]:	2.763	Poisson's Ratio:	0.390 53%
Saturation State:	As-Received	Young's Modulus [Mpsi]:	10.64 20%
Testing Conditions		Poisson's Ratio:	0.338 45%
		Young's Modulus [Mpsi]:	11.18 33%
Confining Pressure [psi]:	6200	Poisson's Ratio:	0.386 67%
Pore Pressure [psi]:	0	Young's Modulus [Mpsi]:	#N/A #N/A
Temperature [°F]:	Ambient	Poisson's Ratio:	#N/A #N/A
Nominal Strain Rate [s ⁻¹]:	5.0E-06	Young's Modulus [Mpsi]:	#N/A #N/A

