



# Well Integrity Technical Forum: Decommissioning

## Agenda

November 26 and 27, 2025 | 8:00 a.m. – 4:00 p.m.

University of Calgary, Downtown Campus

906 8<sup>th</sup> Avenue SW, Calgary

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### Day 1: November 26, 2025

8:00 Registration and Networking

8:25 Introduction  
Speaker: Allan Fogwill, PTAC

8:30 Keynote: Leveraged Closure Management with R3 Driven Prioritization, Planning and Execution  
Speaker: Mark Proud, Ensift

9:15 Alternatives to Cement for Well Decommissioning. Phases 1 and 2  
Speaker: Kent Devlin, Frontier Project Solutions

9:45 Understanding Displacement Flow Regimes for Enhanced Well Integrity  
Speaker: Seyed Mohammad Taghavi, Université Laval

10:30 Networking Break

10:45 Casing Expansion Technology - An Innovative Approach to Surface Casing Vent Flows  
Speaker: Mark Warman, Radical Casing Solutions

- 11:15 Well Cement Integrity in Decommissioned Oil and Gas Wells- Effects of Water and Oil Contamination  
Speaker: Ergun Kuru, University of Alberta
- 11:45 Investigation of Penetration and Plugging Performance of Cement Blends Used for Squeeze Cementing in sub 150  $\mu\text{m}$  Gaps  
Speaker: Gunnar DeBruijn, Sanjel Energy Services
- 12:15 Predicting Well Leakage and Squeeze Cementing Effectiveness  
Speaker: Ian Frigaard, University of British Columbia
- 12:45 Lunch
- 13:30 Pathways to Mitigating Methane Emissions from Non-producing Oil and Gas Wells  
Speaker: Mary Kang, McGill University
- 14:00 Durability of Well Cement Systems in Carbon Capture and Storage: Insights into Long-Term Carbonation Under Supercritical CO<sub>2</sub> and CO<sub>2</sub>-Saturated-Brine Exposure  
Speaker: Ergun Kuru, University of British Columbia
- 14:30 Vent Capture of Surface Casings to Improve Emissions Management  
Speaker: Brian Van Vliet/Kelly Parker, Spartan Controls
- 15:00 Closing the Gap: How Precision Measurement Validates Well Integrity Post-Decommissioning  
Speaker: Michael Beck, Ventmedic
- 15:30 Evolution of Cements to Replace Class G Portland Cement  
Speaker: Johnathan Heseltine, Innotech Alberta
- 16:00 – 18:00 Networking Reception



## Day 2: November 27, 2025

- 8:30 Day 2 Introduction and Summary of Day 1  
Speaker: Allan Fogwill, PTAC
- 8:45 Keynote: An Update on the Alberta Mature Asset Strategy  
Speaker: David Yager, Special Advisor to the Premier of Alberta
- 9:30 Risk Tool – Site Prioritization and Emission Closure Guidelines  
Speaker: Anthony Knafla, Equilibrium Environmental
- 10:00 Break
- 10:20 Controlled Methane Injection Pilot Demonstration of a Biocover Concept for Mitigating Leaking Oil and Gas Wells  
Speaker: Ian Hers, Millennium EMS Solutions
- 10:50 Experimental Investigation of Casing Plug Performance with Dump Bailing Placement  
Speaker: Jonathan Heseltine, Innotech Alberta
- 11:20 Off-bottom Cement Plugs: Placement and Stability.  
Speaker: Ida Karimfazli, Concordia University
- 11:50 Quantification and Source Attributed Characterization of Greenhouse Gas Emissions from GM/SCVF.  
Speaker: Scott Mundle, University of Windsor
- 12:20 Lunch
- 13:00 Enhancing Well Integrity Remediation  
Speaker: Katja Student, Innotech Alberta
- 13.30 SEAL: An Engineering Software Platform for Cementing and Well Integrity  
Speaker: Ian Frigaard, University of British Columbia



14:00 Optimization of Asset Retirement using AI  
Speaker: Albert Lee, Closure

14:30 Break

14:45 Challenges and Opportunities in Applying New Barrier Materials for Surface Casing Vent Flow (SCVF)  
Speaker: Bernard Leung, TS-Nano

15:15 Imperial's Venting Pilot Update  
Speaker: Leah Davies, Imperial Oil

16:00 Final Remarks and Review of Key Technical Gaps for Well Integrity Research  
Speaker: Ian Frigaard, University of British Columbia

