

The Canadian Institute's

WELL & PIPELINE Abandonment, Suspension & Discontinuation

The Latest Strategies for Effectively
Managing Your Abandonment Projects



September 24 & 25, 2007
Calgary Exhibition and Stampede
Calgary, AB

Don't miss this opportunity to receive the most up-to-date regulatory, operational and technical information to optimize your well and pipeline abandonment, suspension and discontinuation practices:

- **LEARN** about Choice Resources' 10-year liability management plan for the Pincher Creek gas plant
- **IMPROVE** compliance initiatives for suspended wells and discontinued pipelines
- **DISCOVER** how to apply chemical and isotopic forensics to determine sources of gas migration
- **EXAMINE** the latest strategies in facility abandonment and decommissioning
- **MINIMIZE** the risk of leaking gas with the latest cementing techniques
- **FORGE** better relations with landowners by understanding their concerns

PLUS! Get added value by enrolling in our post-conference interactive learning session:

Cementing Techniques for Cased Hole and Open Hole Abandonment

HEAR STRATEGIES THAT
WORK FROM:

Alberta Energy and
Utilities Board

Ackroyd LLP

Choice Resources Corp.

Global Training Centre

LCS-LaFonte Consulting Services

JSK Consulting

Priddis Environmental Solutions Ltd.

Ceridian Canada Ltd.

Alberta Building Trades
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Lionhead Engineering
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Official Publications:



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Do you have all the tools you need to optimize your abandonment activity?

Inactive wells not only pose many risks to our health and to the environment, they are also a major financial liability to the industry. According to the Alberta Energy and Utilities Board, there are approximately 54,000 inactive well licences in this province, which represent about \$2 billion in estimated liability.

Further, properly abandoning wells and pipelines now involve a new set of technical challenges, as well as stricter regulations. Issues such as better compliance with Directive 13, accurately isolating leaking gas sources and successfully managing liabilities are only a few of the topics that will be addressed at **The Canadian Institute's Well & Pipeline Abandonment, Suspension & Discontinuation**.

This is a one-of-a-kind opportunity to hear from leading industry experts on their best practices and latest strategies to effectively manage abandonment projects.

Highlights from this event include:

- A case study on the reclamation of the Pincher Creek gas plant

- Essential regulatory updates on abandonment and discontinuations processes
- Identifying potential contaminated groundwater sources through isotopic compositions
- Labour retention: Recruiting more skilled workers
- Analyzing proactive and reactive approaches to facility decommissioning

Don't forget to sign up for our post-conference interactive learning session, which has been developed to help you stay ahead of the industry:

Cementing Techniques for Cased Hole and Open Hole Abandonment

Be where your colleagues and competitors are! Get the hands-on tools you need to implement an effective abandonment plan.

Register today by calling 1-877-927-7936 or online at www.CanadianInstitute.com/wellandpipe

DISTINGUISHED FACULTY

CONFERENCE CHAIR:

Richard Secord
Partner
Ackroyd LLP

SPEAKERS:

Tom Badura
Vice-President, Production
Choice Resources Corp.

Kary Cuthill
President and CEO
Lionhead Engineering
and Consulting LTD

Gunnar DeBruijn
Technical Manager for Canada
Well Cementing Services
Schlumberger

Gerry Donnelly
Manager, Government
and Public Relations
Alberta Building Trades
Council of Unions

Howard Fedorak
Section Leader,
Liability Management Section
Corporate Compliance Group
Alberta Energy and Utilities Board

David Knight
Quality Assurance Manager
Global Training Centre

Norma LaFonte
Land Agent/Advocate
LCS-LaFonte Consulting Services

Michael Palmer
Global Practice Leader, Talent
Acquisition Practice
Ceridian Canada Ltd.

Tashi Sheka
Outreach Program Co-ordinator,
Liability Management Section
Alberta Energy and Utilities Board

Bryan Szatowksi
Founder
GCHEM Ltd.

Farzad Tahmourpour
Technical Manager-Cementing
Halliburton

Tim Taylor
Principal
Priddis Environmental Solutions Ltd.

Mike Thygesen
President
JSK Consulting

WHO YOU WILL MEET:

Presidents, CEOs, VPs, Managers and Directors of Business Development, Strategic Planning, Operations, Production, Engineering, Drilling, Completions, Cementing, and Well and Pipeline Abandonment from:

- Oil and gas producers
- Pipeline and processing companies
- Drilling and completions service providers
- Energy-focused engineering and IT companies
- Energy- and environment-focused legal firms
- Provincial and federal regulatory bodies
- Energy-focused industry associations

DAY ONE: Monday, September 24, 2007

8:00 Registration Opens and Coffee Served ☕

9:00 Opening Remarks from the Conference Chair

Richard Secord
Partner
Ackroyd LLP

9:15 Critical Regulatory Updates on the Well and Pipeline Abandonment and Discontinuation Processes

Richard Secord
Partner
Ackroyd LLP

- What are the latest updates on EUB Directives concerning the abandonment process?
- Essential updates on the industry:
 - How many wells and pipelines are being drilled?
 - How many wells and pipelines are being abandoned?
 - How many pipelines are being pulled out?
 - What can industry expect in the future?
- What are the regulatory differences between discontinuing and abandoning wells and pipelines?
- What is the protocol for restarting the use of a pipeline?

10:00 Effective Tips and Techniques to Successfully Manage Liabilities

Howard Fedorak
Section Leader, Liability Management Section
Corporate Compliance Group
Alberta Energy and Utilities Board

Tashi Sheka
Outreach Program Co-ordinator,
Liability Management Section
Corporate Compliance Group
Alberta Energy and Utilities Board

- General historical overview:
 - Why is there a need for liability management?
 - Active vs. inactive well population and estimated liability
- What are current programs available?
 - LLR, LFP and waste programs
- What are the concerns of the EUB?
 - Increasing number of inactive licences
 - Abandonment of licences not in line with inactivity
- What are effective techniques in managing liability?

- Operational
- Data quality
- Development of a liability management plan
- What are the pros and cons of managing liabilities?

11:00 Networking Coffee Break ☕

11:15 Timing is Everything: Choice Resources' Liability Management Plan for Pincher Creek Gas Plant

Tom Badura
Vice-President, Production
Choice Resources Corp.

This case study will examine Choice Resources' 10-year plan to reclaim Alberta's first sour gas plant.

- Detailed outline of Pincher Creek's liability management plan
- What were the challenges in reclaiming the Pincher Creek gas plant and how were they overcome?
- How was the 10-year liability management plan developed?
- What lessons can industry learn from this project?

CASE STUDY

12:00 Networking Luncheon for Delegates and Speakers 

1:15 Examining the Latest Protocols in Facility Abandonment and Decommissioning

Mike Thygesen
Principal
JSK Consulting Ltd.

Tim Taylor
Principal
Priddis Environmental Solutions Ltd.

- Proactive vs. reactive approach to decommissioning
- Thorough site inspections and cost estimating
- Importance of pre-planning
- Recouping some decommissioning costs
- Proper suspension of equipment
- Waste recovery and recycling opportunities
- Synergies between decommissioning and remediation processes

2:15 Networking Refreshment Break

2:30 Addressing Landowners' Concerns: From Health Issues to Land Saleability

Norma LaFonte
Land Agent/Advocate
LCS- LaFonte Consulting Services

- How do pipeline projects impact agriculture and future development?
- What are existing landowners' concerns about nearby pipeline projects?
- What are the long-term concerns?
- Agriculture and industry: ideas for co-existence
- Partnerships vs. precedents: working into the future

3:15 Filling the Work Shortage Gap: Strategies in Recruiting Skilled Workers

Michael Palmer

Global Practice Leader, Talent Acquisition Practice
Ceridian Canada Ltd.

Gerry Donnelly

Manager, Government and Public Relations
Alberta Building Trades Council of Unions

In the next 20 years, talent will become the most important corporate resource. Consider the facts: within just one year, for every two workers leaving the workforce, only one will enter. And by 2020, there will be an estimated shortage of one million skilled workers. Are you prepared to face the daunting task of attracting and retaining top talent in a tight labour market?

In this session, Michael Palmer will address the following key questions:

- What strategies is industry using to fill the void as people start retiring in the next five to 15 years?
- What is employment branding and how can your organization leverage it successfully?
- What are the benefits of a collaborative approach in this industry?
- What are the short-term solutions to addressing the work shortage issue?
- What are the long-term solutions to addressing the work shortage issue?
- How can recruitment outsourcing support your efforts?

In this session, Gerry Donnelly will address the following key questions:

- How can your organization better recruit within Alberta and Canada?
- What are essential trades people qualifications in Alberta?
- What are successful pre-apprentice training programs for Aboriginal peoples?
- Why should we be currently investing in education at the high school level?
- How do you work with government in relation to human resources in areas of advanced education, employment and industry?

4:30 Chair's Recap and Conference Adjourns

DAY TWO: Tuesday, September 25, 2007

8:30 Coffee Served ☕

9:00 Opening Remarks from the Conference Chair

9:15 Inactive Wells and Pipelines Compliance: Managing Abandonment Projects

Kary Cuthill

President and CEO

Lionhead Engineering and Consulting LTD

- Current statistics on industry inactive wells and pipelines
- Examining EUB Directive 13: Suspended well compliance
- A cost-effective strategy for implementing D13 compliance
- Integrating well and pipeline compliance initiatives

10:00 Networking Coffee Break ☕

10:15 Applying Chemical and Isotopic Forensics to Determine Sources of Leaking Natural Gas

Bryan Szatkowski

Founder

GCHEM Ltd.

- How does the isotopic composition of natural gases provide information regarding its geological origin?
- How can isotopic compositions be used in identifying potential contaminated ground water sources?

11:00 Cementing Techniques for Cased Hole and Open Hole Abandonment

Farzad Tahmourpour

Technical Manager-Cementing

Halliburton

Gunnar DeBruijn

Technical Manager for Canada Well Cementing Services

Schlumberger

- Best practices overview: from design to cement placement and after
- Some of the effective technologies available to the industry
- Proper design of cement slurries for permanent abandonment

12:15 Networking Luncheon for Delegates and Speakers 

1:30 Incorporating Reclamation and Remediation Practices at the Pre-Abandonment Stage

- Why is it important to establish a procedure for reclamation and remediation at the pre-abandonment stage?

- Essential updates on Alberta Reclamation and Remediation regulations
- What contamination issues should be addressed?
 - Hydrocarbon spills
 - Saline-product spills
- How do drilling practices affect reclamation and remediation practices?
- What are companies' current experiences with reclamation and remediation?
- Bioremediation: What works and what does not work?

2:15 Avoiding Line Hits and Crossings: Industry Best Practices

David Knight

Quality Assurance Manager
Global Training Centre

- How many line hits occur annually and what is the impact on industry?
- What are the available resources to identify line locations?
- What in-house practices are being used to mitigate the risk of hitting underground lines?
 - How effective have these practices been to date?
- What are the latest techniques in ground disturbance to avoid line strikes?
- How can companies perform due diligence to avoid line hits?

3:00 Closing Remarks from the Conference Chair Conference Adjourns



Post-Conference Interactive Learning Session:
Wednesday, September 26, 2007

CEMENTING TECHNIQUES FOR CASED HOLE AND OPEN HOLE ABANDONMENT

9:00 a.m. – 12:30 p.m.

(Registration opens at 8:30 a.m.)

Farzad Tahmourpour

Technical Manager-Cementing
Halliburton

In this interactive learning session, delegates will learn the latest cementing strategies. Topics to be examined in this workshop are:

- Overview of the best practices in abandonment cementing
- The pros and cons of cementing technology available to the industry
- Effective design of cement slurries for permanent abandonment
- Cement recommendations for specific job criteria

Farzad Tahmourpour has a degree in Bachelors of Applied Petroleum Engineering with diversified experience in production enhancement, drilling fluids and cementing services. Farzad has experience deep water and land, Canadian and international operations. He currently serves Halliburton as Technical Manager for Cementing Product Service Line (PSL). He has been with Halliburton since 1994.



For over 20 years, The Canadian Institute conferences, summits and executive briefings have provided the business intelligence that Canadian decision makers need to respond to challenges and opportunities both here at home, and around the world. The Canadian Institute operates as a think tank, monitoring trends and developments in all major industry sectors, in the

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Top Reasons to Attend

- ✓ Learn the newest strategies in surface casing vent flows
- ✓ Hear about the latest liability management case study
- ✓ Get insight from experts at Alberta EUB
- ✓ Receive critical regulatory updates
- ✓ Network with industry thought leaders, colleagues and competitors

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YES! Please register the following delegate(s) for the
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Fee Per Delegate

- Conference only \$1895 + \$113.70 (6%) GST = \$2008.70
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