The lifecycle of an unconventional development, from reservoir characterization, through asset design, installation, optimization, and infill development to retirement will be discussed. The targeted outcome is to identify significant cost drivers that risk competitiveness, and identify opportunities for improvement through implementation of industry best practices using a continuous improvement approach.

Topics will include asset development strategies; component optimization including KPI’s such as production, cash flow, Opex, NPV, IRR, $/bbl; integrated planning and execution concepts; technology integration; and consideration for wind-down and abandonment.
GENERAL INFORMATION

Accessibility
Our events and functions are accessible to all attendees with wheelchairs. If you require special arrangements, please contact our staff at the registration desk.

Alcohol Policy
SPE recognizes the legitimate serving of alcoholic beverages in the process of conducting business and social activities. We also recognize that the use and consumption of alcohol carries with it the requirement for all attendees to consume those beverages responsibly.

Commercialism
In remaining consistent with workshop objectives and SPE guidelines, commercialism in presentations will not be permitted. Company logos should be used only to indicate the affiliation of the presenter(s).

Continuing Education Units
Attendees will receive 1.0 CEUs. One CEU equals 10 contact hours of participation. CEUs will be awarded through SPE Professional Development for participation and completion of SPE workshop. A permanent record of a participant’s involvement and awarding of CEUs will be maintained by SPE.

Documentation
Following the workshop a URL containing released copies of the workshop presentations will be available to all attendees.

Electronic Devices
As a courtesy to the speakers and your fellow registrants, please turn off all electronic devices during presentations.

Name Badges
Please wear your badge at all times. It is a courtesy to your fellow registrants, speakers and sponsors.

Photography and Recording Policy
SPE reserves the exclusive rights to all video/audio recording or reproductions of the workshop. Unauthorized video/audio recording is expressly prohibited in the session room(s) or poster area, whether by video, still or digital camera, mobile phone, or any other means or form of reproduction. Any person attending may be photographed or videotaped, and by your attendance, you give permission to use your image in possible future marketing publications including print, online, and video.

Workshop Format
Workshops maximize the exchange of ideas among attendees and presenters through brief technical presentations followed by extended Q&A periods. Focused topics attract an informed audience eager to discuss issues critical to advancing both technology and best practices. Many of the presentations are in the form of case studies, highlighting engineering achievements and lessons learned. In order to stimulate frank discussion, no proceedings are published and members of the press are not invited to attend.

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TECHNICAL AGENDA

THURSDAY, 15 JUNE
All technical sessions are located in Palomino’s A-C.

0700-0800 | Registration
  Palomino Entrance
  Breakfast
  Palomino D

0800-0815 | Opening Remarks

0815-0945 | Session 1: Development Planning
Session Chairs: Mark Conacher, Suncor Energy
  Eric Diggins, Frontier Project Solutions
This session discusses several elements to efficient and effective development strategies that focus on maximizing value by employing emerging best practices for unconventional assets. Examples of key enablers to achieving optimum development strategy selection will be presented.
  ▪ Presentation 1: Urban Planning Approach to Oil Field Development
    Mike Taillon, Cenovus
  ▪ Presentation 2: AER’s Single Decision Approach Impacts on Full Field Development
    Michael Hallett, Suncor Energy
  ▪ Presentation 3: Optimized Approach for Minimizing Oil and Gas Asset Remediation and Reclamation Liability Cost
    Nana Yaw Amponsah, Athabasca University

0945-1015 | Coffee Break
  Palomino Foyer

1015-1145 | Session 2: Economics
Session Chairs: Greg Owen, GPO & Associates
  George Brindle, Ausenco
This session will present an economic outlook on the competitiveness of the Unconventional Plays in Canada to attract capital as well as provide an understanding of the difference and similarities in economic drivers for different unconventional plays in Western Canada.
  ▪ Presentation 1: Economic Review of Unconventional Plays in Canada
    Greg Owen, GPO & Associates
SPE Workshop: Life Cycle Asset Management for Unconventional Field Development

- **Presentation 2:** Forecasting is Hard, How Can We Be Less Wrong?
  Tyler Schlosser, GLJ Petroleum Consultant

- **Presentation 3:** Effective Long Term Planning in Industrial Property Taxes
  Salvador Hernandez, Verus Energy

1145-1300 | Networking Lunch  
Sponsored by: Palomino D

1300-1430 | Session 3: Execution Excellence  
**Session Chairs:** Eric Diggins, Frontier Project Solutions  
Kyle Klam, Peyto Exploration
Execution excellence is the achievement of deliverables which surpass expectations with consistency and reliability. Key to attaining this is the development and implementation of best practices. In this session examples of industry best practices, their implementation, and the results attained in the cost effective monetization of assets will be presented.

- **Presentation 1:** It is Possible to Get Reliable and Accurate Real Time Pressure and Temperature in a 240°C Environment. Now what??  
John Graham, Suncor  
Ivan Mombourquette, Promore

- **Presentation 2:** Achieving Execution Excellence Through Surface / Subsurface Collaboration  
Peter Dimmell, Go Productivity

- **Presentation 3:** Thermal Wellpad Design Driven By The Business Case  
George Brindle, Ausenco Engineering, and Eric Diggins, Frontier Project Solutions

1430-1500 | Coffee Break  
Palomino Foyer

1500-1630 | Session 4: Continuous Improvements  
**Session Chairs:** George Brindle, Ausenco  
Brad Lamson, Seven Generations
This session presents examples of actions implemented to provide feedback into the execution phase using a consistent and reliable methods of measurement. The presentations demonstrate how conducting periodic reviews and the adoption of best practices have resulted in optimization and cost efficiency whilst aiding in an improved understanding of the asset.

- **Presentation 1:** Driving to the Left - Improving CSU through Planning Best Practices  
Kevin Hashem, Sancon Commissioning

- **Presentation 2:** Full Cycle Multi Disciplined Continuous Improvement Review  
Elizabeth Chmelyk, Seven Generations

- **Presentation 3:** Making our Seniors Work: Continuous Improvement in Surveillance of a Mature Sour Gas Field  
Maxime Chin and Jean-Philippe Rioux, Shell Canada

1630-1800 | Networking Reception  
Sponsored by: Palomino Foyer

On Behalf of all the speakers and committee members of the SPE Workshop: Life Cycle Asset Management for Unconventional Field Development and in lieu of speaker/committee gifts, SPE Canada has made a donation to Calgary Food Bank. The Calgary Food Bank is a charitable, non-profit organization dedicated to gathering and distributing quality emergency food to those in need. www.calgaryfoodbank.com

What Do You Think?
Please take a quick survey to provide your thoughts and feedback on the workshop. Your input will help shape future SPE events. [www.spe.org/go/SPEaca417](http://www.spe.org/go/SPEaca417).