

17th WILLISTON BASIN PETROLEUM CONFERENCE & PROSPECT EXPO

April 26 to 28, 2009

(Post-conference workshop follows on April 29 and 30, 2009)

Delta Regina Hotel and Casino Regina Show Lounge

Regina, Saskatchewan, Canada

Program

Sunday, April 26, 2009

- 8:00 a.m. to 4:45 p.m. **Workshop** – Robert G. Knoll (Maurer Technology Inc.): *Complex Well Technology for Earth Scientists/Engineers 2009, A Multidiscipline Review of Application Screening, Design, Implementation and Intervention of Horizontal and Complex Wells*; continental breakfast and lunch included with course registration; **Verdi Room, Delta Hotel, Regina**
- 8:30 a.m. to 1:00 p.m. **Core Workshop 1: Subsurface Geological Laboratory**,
201 Dewdney Avenue E., Regina; lunch included with course registration
- 12:00 p.m. to 1:00 p.m. **Core Workshop Lunch: Subsurface Geological Laboratory**
- 12:00 p.m. to 4:45 p.m. **Core Workshop 2: Subsurface Geological Laboratory**,
201 Dewdney Avenue E., Regina; lunch included with course registration
- 1:00 p.m. to 6:00 p.m. **Prospect Expo (Commercial Displays) Set-Up:**
Convention Level, Delta Regina
- 1:00 p.m. to 6:00 p.m. **Poster Presentation Set-Up: Convention Level, Delta Regina**
- 4:00 p.m. to 9:00 p.m. **Conference Registration: Convention Level, Delta Regina**
- 6:30 p.m. to 10:00 p.m. **Ice Breaker in Expo Area: Convention Level, Delta Regina**

Monday, April 27, 2009

- 7:00 a.m. **Speakers' and Sponsors' Breakfast: Verdi Room, Delta Regina**
- 7:30 a.m. to 6:00 p.m. **Conference Registration: Convention Level, Delta Regina**
- 7:30 a.m. to 6:00 p.m. **Prospect Expo: Convention Level, Delta Regina**

Monday A.M. Presentations: *Casino Regina Show Lounge*

Chairs: **Chris Gilboy, Saskatchewan Energy and Resources**
 Lynn Helms, North Dakota Department of Mineral Resources

8:25 a.m. Introduction and Welcoming Address

8:35 a.m. Opening Remarks: The Honourable Bill Boyd,
Minister of Energy and Resources for Saskatchewan

8:40 a.m. Jane McLeod (*Saskatchewan Ministry of Energy and Resources*)
 2008 Oil and Gas Activity Update for Saskatchewan

9:00 a.m. Keith Lowdon (*Manitoba Science, Technology, Energy, and Mines*)
 2008 Oil and Gas Activity Update for Manitoba

9:20 a.m. Lynn Helms (*North Dakota Department of Mineral Resources*)
 2008 Oil and Gas Activity Update for North Dakota

9:40 a.m. Lynn Helms (*North Dakota Department of Mineral Resources*)
 2008 Oil and Gas Activity Update for South Dakota

**10:00 a.m. Break: *Convention Level, Delta Regina*
Expo and Technical Posters – Coffee and Refreshments**

Monday A.M. Presentations (continued): *Casino Regina Show Lounge*

- 10:40 a.m.** Monte Besler (*Hohn Engineering*)
2008 Oil and Gas Activity Update for Montana
- 11:00 a.m. Peter Taylor (*Enbridge Pipeline Inc.*)
Enbridge's Williston Basin Pipeline Solutions:
Continuous Change...Continuous Growth
- 11:20 a.m. Justin Kringstad (*North Dakota Pipeline Authority*)
North Dakota's Pipeline Infrastructure and the Feasibility of
Transporting Bakken Crude in the Keystone Pipelines
- 11:40 a.m. Lunch: *Casino Regina Show Lounge* (white name tags),
Casino Regina Telegraph Room (salmon name tags),
Delta Regina Convention Level (green name tags)**
- Keynote Speaker: The Honourable Bill Boyd,
Minister of Energy and Resources for Saskatchewan
*Casino Regina Show Lounge***

Monday P.M. Presentations: *Casino Regina Show Lounge*

- Chairs: Ron Ness, North Dakota Petroleum Council
Carolyn Preston, Petroleum Technology Research Centre**
- 2:00 p.m.** Will Gosnold (*University of North Dakota*)
Heat Flow and Thermal Maturity in the Williston Basin
- 2:20 p.m. Erik Nickel (*Saskatchewan Ministry of Energy and Resources*)
Saskatchewan Exploration and Development Plays – More than
just the Bakken!
- 2:40 p.m. Sid Leggett (*Husky Energy Inc.*)
Geology of the Gull Lake North ASP Tertiary Flood,
Upper Shaunavon Formation, Southwest Saskatchewan
- 3:00 p.m. Michelle Nicolas (*Manitoba Geological Survey*)
Cretaceous Shale Gas Prospects of Southwestern Manitoba:
Preliminary Results
- 3:20 p.m. Fred Anderson (*North Dakota Geological Survey*)
Lineament Mapping and Analysis in the
Northeastern Williston Basin of North Dakota
- 3:40 p.m. to 6:00 p.m. Prospect Expo and Technical Posters:
Convention Level, Delta Regina
Cash Bar, Coffee and Snacks**

6:00 p.m. to 10:00 p.m. Come-and-Go Social:
Telegraph Room, Casino Regina
Cash Bar, snacks

6:30 p.m. to 8:30 p.m. WBPC Organizing Committee Meeting: *Verdi Room, Delta Regina*

Tuesday, April 28, 2009

7:00 a.m. **Speakers' and Sponsors' Breakfast:** *Verdi Room, Delta Regina*

7:30 a.m. to 12:00 noon **Conference Registration:** *Convention Level, Delta Regina*

7:30 a.m. to 1:20 p.m. **Prospect Expo:** *Convention Level, Delta Regina*

Tuesday A.M. Presentations: *Casino Regina Show Lounge*

Chairs: Melinda Yurkowski, Saskatchewan Energy and Resources
Ed Murphy, North Dakota Department of Mineral Resources

8:30 a.m. Opening Remarks

8:40 a.m. Steve Whittaker (*Petroleum Technology Research Centre*)
Saskatchewan Phanerozoic Fluids and Petroleum Systems Assessment

9:00 a.m. Bob McKishnie (*Apache Canada Ltd.*)
Update on the Midale Unit CO₂ Miscible Flood Expansion Project

9:20 a.m. James Sorensen (*University of North Dakota,*
Energy & Environmental Research Center)
The Plains CO₂ Reduction (PCOR) Partnership:
Activities and Results in the Williston Basin

9:40 a.m. David Hume (*Canadian Discovery Ltd.*)
An Evaluation of the Unconventional Oil Resource Potential
of the Bakken Formation in Saskatchewan and North Dakota

10:00 a.m. Break: *Convention Level, Delta Regina*
Expo and Technical Posters – Coffee and Refreshments

Tuesday A.M. Presentations (continued): *Casino Regina Show Lounge*

10:40 a.m. George Hassler (*Tristar Oil and Gas Ltd.*)
A Comparative Analysis of Multi-Stage Fracture Stimulation
Treatments within the Bakken Formation, Kisbey Area,
SE Saskatchewan

11:00 a.m. Doug McCrady (*XTO Energy*)
Overview of Bakken Research Consortium, North Dakota

11:20 a.m. Ernest Gomez (*Schlumberger Data and Consulting Services*)
Bakken and Three Forks Logging Acquisition for
Reservoir Characterization and Completion Optimization

11:40 a.m. Lunch: *Casino Regina Show Lounge* (white name tags),
Casino Regina Telegraph Room (salmon name tags),
Delta Regina Convention Level (green name tags)

Keynote Speaker: Dustin Duncan,
Member of Legislative Assembly for Weyburn-Big Muddy
SaskPower – Supply Plans for Southeast Saskatchewan
Casino Regina Show Lounge

Tuesday P.M. Presentations: *Casino Regina Show Lounge*

Chairs: **Lynn Helms, North Dakota Department of Mineral Resources**
Chris Gilboy, Saskatchewan Energy and Resources

1:20 p.m. Thomas Olsen (*Schlumberger Data and Consulting Services*)
Stimulation Results and Completion Implications from the
Consortium Multi-well Project in the North Dakota Bakken Shale

1:40 p.m. David Brimberry (*Marathon Oil Corporation*)
Surface Imaging of Bakken Stimulation Projects Supported by
ND Oil and Gas Research Council

2:00 p.m. Closing Remarks (Conference Co-Chairs)

Wednesday, April 29, 2009

8:00 a.m. to 4:30 p.m. **Practical Quantative Log Analysis Workshop – Day 1**
E.R. (Ross) Crain, P.Eng. (Spectrum 2000 Petrophysical Services):
Practical Quantitative Log Analysis;
continental breakfast and lunch included with course registration;
Novara Room, Delta Hotel, Regina

Thursday, April 30, 2009

8:00 a.m. to 4:30 p.m. **Practical Quantative Log Analysis Workshop – Day 2**
E.R. (Ross) Crain, P.Eng. (Spectrum 2000 Petrophysical Services):
Practical Quantitative Log Analysis;
continental breakfast and lunch included with course registration;
Novara Room, Delta Hotel, Regina