



## **PETROLEUM ENVIRONMENTAL RESEARCH FORUM (PERF)**

**Meeting Theme: Environmental Challenges of Heavy Oils**

**Hosted by ConocoPhillips  
October 16-18, 2007**

**Meeting Location  
ConocoPhillips Bartlesville Technology Center  
Highway 60 & 123  
Bartlesville, Oklahoma 74004**

### **Hotels**

Hotel Phillips  
821 S. Johnstone, Bartlesville, OK 74003  
[www.hotelphillips.com](http://www.hotelphillips.com)  
Tel: 1-918-336-5600

OR

MicroTel Inn  
2696 South East Washington Blvd  
Bartlesville, OK  
Tel: 1-918-333-2100

**Tuesday October 16:**

- 1:00 – 4:00 PM      PERF Research Managers Discussion Group (RMDC) Meeting  
(Discussion Group Members only) - **Room 114 RF Bartlesville  
Technology Center**
- 4:00 – 6:00          PERF Board Meeting (Board Members only) - **Room 112 RF  
Bartlesville Technology Center**
- 6:30 PM              Dinner - PERF Board of Directors and PERF RMDC Members (Members  
only)

**Wednesday October 17: Room 112RF Bartlesville Technology Center**

- 7:30 – 8:00 AM      Breakfast
- 8:00 – 8:20 AM      Welcome & Safety Moment – PERF Chair Dave Fashimpaur, BP
- 8:20 – 8:40 AM      Opening Remarks – Sung-I Johnson will introduce Merl Lindstrom,  
General Manager R&D & Shared Services , ConocoPhillips Technology,  
who will give the opening remarks
- 08:40 – 09:10 AM    PERF Overview - PERF Chair Dave Fashimpaur, BP
- 09:10 – 09:40 AM    Overview of Environmental Challenges in Heavy Oil - Bruce Kennedy,  
KBW Process Consultant Inc.
- 09:40 – 10:10 AM    Refinery Waste Water Treatment Plant Issues Pertaining to Canadian  
Crude Processing - Gary Scoggin, BP HSE manager
- 10:10 –10:30 AM     Break
- 10:30 – 11:00 AM    Advanced Electrostatic Technologies for Dehydration of Heavy Oil – Bill  
Thomason, ConocoPhillips
- 11:00 –11:30 AM     Heavy Oil Emulsion Viscosity Prediction –Probjot, Singh ConocoPhillips
- 11:30 – 12:00 PM    Growing a Sustainable Energy Company – Sue Lowell, Suncor
- 12:00 PM              **Lunch – Room 114 RF**
- 1:00-1:30 PM        Filterable Solids in Crude oil - Ernesto Romito, Repsol YPF
- 1:30 – 2:00 PM      Chloride Management in Refineries & Upgraders – Paul Eaton ,  
Champion Technology

2:00 – 2:20 PM	BREAK
2:20 – 2:50 PM	An Update on Efficiency of Oil/Water Separation Controlled by Gas Bubble Size – Doug Lee, GLR Solutions
2:50 – 3:20 PM	OHSOL Emulsion Breaking Test Results of ConocoPhillips Alaska and BP Alaska – Ken DeBerry, Unipure Corp
3:20 – 3:50 PM	Canadian Crude Quality Technical Association (CCQTA) Overview – Bruce Kennedy, KBW Process Consultant Inc.
3:50 – 4:20 PM	Chemical Application for Improving Bitumen Recovery in Bitumen Extraction Process – Xiaoli Yang, Champion Technology
4:20 -4:50 PM	Process Effluent Treating and Re-Use at Shell’s Scotford Bitumen Upgrader – Ed Brost, Shell Canada
4:50 – 5:20 PM	New Treatment Options for High oil Load Emulsions – Alberto Franco-Fuenmayor, Baker Petrolite
5:45 – 6:30 PM	<b>Phillips Museum Tour</b>
6:30 PM	<b>PERF Meeting Reception – Phillips Tower Terrace Room</b>

**Thursday October 18: Room 112RF Bartlesville Technology Center**

07:30 – 08:00 AM	Breakfast
08:00 – 8:10 AM	Meeting Agenda – PERF Chair Dave Fashimpaur, BP
8:10 – 10:00 AM	Heavy Oil Panel Discussion : Facilitated by John Wilkinson (ExxonMobil) and Tommi Miller (ConocoPhillips)

The objective of this panel discussion is to bring out the emerging issues associated with the meeting theme of Environmental Challenges of Heavy Oils: what are the technologies needed, what things are currently in progress, where are the gaps, etc.

Panel Members:

- KBW Process Consultant Inc. – Bruce Kennedy (formerly with PetroCanada)
- ConocoPhillips – Chris Lehecka, Director Downstream Technology Applications, COP Canada Oil Sands
- Syncrude Canada - Warren Zubot

Aramco – James Findley, Environmental Specialist, Saudi Aramco, Dhahran

Champion Technology – Robert Cleary (Specialist Team Leader with Champion on heavy oil especially as it relates to oil sands)

Shell – Gary Mueller (Global Discipline Lead for Air Quality with Shell)

BP – Dave Fashimpaur (PERF chair)

DOE – Jennifer Spinti

10:00 – 10:20 AM	Break
10:20 – 10:40 AM	VSEP Solutions for Produced Water, Desalters, and Stripped Sour Water – Mark Galimberti, New Logic Corp
10:40 – 11:00 AM	Impact of Desalter pH on Effluent Quality – Jerry Weers, Baker Petrolite
11:00 – 11:20 AM	Problems in Dealing with Heavy Oil Spills – Jim Myers, Chevron
11:20 – 12:00 AM	PERF New Project Proposals
12:00 PM	Lunch Keynote speaker Jennifer Spinti with DOE:  An Assessment of Environmental Issues Related to North American Oil Shale, Oil Sands, and Heavy Oil Resource Development and PERF Business Meeting
1:30 PM	Adjourn