

# The API Workshop on **Commitment to Excellence in Hydraulic Fracturing**

**October 4-5, 2011**  
**Omni William Penn Hotel**  
**Pittsburgh, PA**

**Preliminary Program**  
*(Current as of September 13, 2011)*

## **Monday, October 3, 2011**

- 3:00 pm – 5:00 pm                      *Registration*
- 6:00 pm – 7:00 pm                      *Pre-Event Reception*

## **Tuesday, October 4, 2011**

- 7:00 am – 4:00 pm                      *Registration*
- 8:30 am – 8:45 am                      **Opening Remarks**  
*Jack Gerard, API*
- 8:45 am – 9:30 am                      **Keynote**  
*Senator Byron Dorgan*

U.S. Senator Byron L. Dorgan served as a Congressman and Senator for North Dakota for 30 years, 16 in Senate Leadership, before retiring from the U.S. Senate in 2011.

He is a recognized leader in the fields of energy policy, economic issues, trade policy, health care and more.

Senator Dorgan has authored two books, including the New York Times Bestseller, "Take This Job and Ship It." He is currently contracted to write two additional books with the next due to be published in early 2012.

In his post Senate life, Senator Dorgan is now active in teaching, speaking, consulting, investing and much more.

- 9:30 am – 9:45 am                      **API Standards Overview**  
*David Miller, API*

- 9:45 am – 10:00 am                      *Break*

- 10:00 am – 11:00 am                      **HF-1 Hydraulic Fracturing Operations – Well Construction and Integrity Guidelines, 1<sup>st</sup> Edition, October 2009**  
*Ron Sweatman, Halliburton*

Join a service and supply company representative in a session on industry practices for well construction and integrity for wells that will be hydraulically fractured. This session will also identify actions to protect shallow groundwater aquifers, while also enabling economically viable development of oil and natural gas resources.

**Endorsed by:**



# The API Workshop on **Commitment to Excellence in Hydraulic Fracturing**

October 4-5, 2011 Pittsburgh, PA

Preliminary Program, continued

## Tuesday, October 4, 2011, continued

11:00 am – 12:00 pm **HF-2 Water Management Associated with Hydraulic Fracturing, 1<sup>st</sup> Edition, June 2010**

*Brian Woodard, Devon Energy*

This session will provide industry analysis on identifying best practices used to minimize environmental and societal impacts associated with the acquisition, use, management, treatment, and disposal of water and other fluids associated with the process of hydraulic fracturing.

12:00 pm – 1:30 pm **Lunch with Guest Speaker, Sean George**

In 1975, a catastrophic workplace explosion left 19-year-old steamfitter Sean Patrick George with burns over 65% of his body, and one of his coworkers dead. 33 years later, he is now dedicated to promoting workplace safety through his intense, personal and highly motivational presentations.

1:30 pm – 2:30 pm **HF-3 Practices for Mitigating Surface Impacts Associated with Hydraulic Fracturing, 1<sup>st</sup> Edition, February 2011**

*Rebecca Thingelstad, Anadarko*

An industry expert will discuss best practices for minimizing surface environmental impacts associated with hydraulic fracturing operations. This session will cover protecting surface water, soils, wildlife, other surface ecosystems, and nearby communities, and discuss the transparency in disclosure of chemical ingredients, the state's role in determining reporting requirements, and the regulatory impacts at the federal, state and local level.

2:30 pm – 2:45 pm *Break*

2:45 pm – 3:45 pm **RP 51R Environmental Protection for Onshore Oil and Gas Production Operations and Leases, 1<sup>st</sup> Edition, July 2009**

*Michael Parker, ExxonMobil/XTO*

Join an industry member in this session, which will discuss API-recommended measures for protection of the environment surrounding onshore oil and gas drilling and production operations, including fracturing.

Annex A to the RP provides guidance for a company to consider as a "Good Neighbor" in order to better manage its relationships with surface users, communities, and others in the areas it operates.

3:45 pm – 4:00 pm *Break*

Endorsed by:



# The API Workshop on **Commitment to Excellence in Hydraulic Fracturing**

October 4-5, 2011 Pittsburgh, PA

Preliminary Program, continued

## Tuesday, October 4, 2011, continued

4:00 pm – 5:00 pm

**Std. 65-2 Isolating Potential Flow Zones During Well Construction, 2nd Edition, December 2010**

*Glen Bengel, Bengel Consulting*

This technical session, given by an expert consultant, will provide best practices for isolating potential flow zones, an integral element in maintaining well integrity. Focusing on the prevention of flow through or past barriers that are installed during well construction, this session will also cover mechanical barriers such as seals, cement, or hydrostatic head pressure or operational barriers such as flow detection practices.

5:30 pm – 7:00 pm

*Reception*

## Wednesday, October 5, 2011

7:00 am – 12:00 pm

*Registration*

8:30 am – 8:45 am

**Opening Remarks**

8:45 am – 10:15 am

**State Regulatory Panel**

*Scott Perry, Pennsylvania*

*Lori Wrotenbery, Oklahoma*

*Lynn Helms, North Dakota*

*Lawrence E. Bengal, Oil and Gas Commission*

Join state representatives in a discussion on how state regulations continue to evolve to effectively manage HF operations.

10:15 am – 10:30 am

*Break*

10:30 am – 11:15 am

**FracFocus**

*Joseph J. Lee, Jr., P.G. | Geologist Manager*

*PA Department of Environmental Protection*

*Past President of the Groundwater Protection Council*

A project of the Ground Water Protection Council (GWPC) and the Interstate Oil and Gas Compact Commission (IOGCC), FracFocus is a voluntary program allowing oil and natural gas operators to disclose, via a database, the chemicals used in the process of hydraulic fracturing.

Endorsed by:



# The API Workshop on **Commitment to Excellence in Hydraulic Fracturing**

October 4-5, 2011 Pittsburgh, PA

Preliminary Program, continued

## Wednesday, October 5, 2011, continued

11:15 am – 12:00 pm

### **STRONGER**

*Wilma Subra, Subra Company*  
*Tom Stewart, Ohio Oil and Gas Association*  
*Lori Wrotenbery, Oklahoma Corporation Commission*

STRONGER is an acronym for State Review of Oil and Natural Gas Environmental Regulations, Inc. STRONGER is a non-profit, multi-stakeholder organization, the purpose of which is to assist states in documenting the environmental regulations associated with the exploration, development and production of crude oil and natural gas. The work of STRONGER is extraordinarily important to any in-depth assessment of the effectiveness of state programs relating to E & P wastes.

12:00 pm – 1:30 pm

Lunch with Guest Speaker

1:30 pm – 2:15 pm

### **Communications Panel**

*Rachel Dawson, Northeast-Midwest Institute*  
*Ronald Bailey, Reason*  
*Tom Murphy, Pennsylvania State University*  
*Matthew Brouillette, Commonwealth Foundation for Public Policy Alternatives*

This session will feature a panel on the trends in hydraulic fracturing news coverage.

2:15 pm – 3:00 pm

### **Federal Outlook**

*Lee Fuller, IPAA*  
*Clint Gill, ConocoPhillips*

Join experts in their overview of federal agency activities surrounding hydraulic fracturing.

Endorsed by:

