

THE CHANGING OUTLOOK FOR U.S. ENERGY:

WILL SHALE GAS TRANSFORM
AMERICA'S ENERGY FUTURE?



WASHINGTON CONFERENCE & TECHNOLOGY WORKSHOP

September 24-25, 2012

Knight Conference Center at the Newseum

Washington, D.C.

Hosts

The Howard Baker Forum

Lawrence Livermore National Laboratory

Partners

Colorado School of Mines

Council on Competitiveness

Institute for 21st Century Energy, U.S. Chamber of Commerce

Jackson School of Geosciences, The University of Texas at Austin

Resources for the Future

Third Way

Public Policy Conference

September 24, 2012

Morning Session

7th Floor

- 8:00 AM *Registration*
- 8:30 AM Welcome
Scott Campbell, Director, The Howard Baker Forum
Dona Crawford, Associate Director for Computation,
 Lawrence Livermore National Laboratory
- Morning Session Co-Chairs
Christopher Guith, Vice President for Policy,
 U.S. Chamber of Commerce's Institute for 21st Century Energy
- Alan Krupnick, Director of the Center for Energy Economics and Policy,
 Resources for the Future
- 8:45 AM The First Hydrocarbon Revolution
Daniel Yergin, Founder, IHS Cambridge Energy Research Associates
- 9:30 AM The Second Hydrocarbon Revolution?
Amy Myers Jaffe, Wallace S. Wilson Fellow in Energy Studies,
 James A. Baker III Institute of Public Policy, Rice University
- 10:15 AM Coffee Break
- 10:30 AM The Reserve Calculus and the Future of Natural Gas Prices
Moderator: Steven Mufson, Reporter, The Washington Post
- Susan Tierney, Managing Principal, Analysis Group Inc.
 Scott Sheffield, Chairman & CEO, Pioneer Natural Resources Company
 Michael Levi, David M. Rubenstein Senior Fellow for Energy and the Environment,
 Council on Foreign Relations
- 12:00 PM Critical Energy Issues for the Next Administration
The Honorable David Freudenthal, Senior Counsel, Crowell & Moring
- 12:30 PM Luncheon Surrogate Debate: Sponsored by Bloomberg Government
- Crafting a National Energy Policy
Moderator: Sanford Reback, Managing Editor, Bloomberg Government
- Obama for President Campaign & Romney for President Campaign

Public Policy Conference

September 24, 2012

Afternoon Session

7th Floor

Afternoon Session Co-Chairs

William D. Budinger, Trustee, Third Way

JC Sandberg, Counsel, Baker, Donelson, Bearman, Caldwell & Berkowitz

1:30 PM

Hydraulic Fracturing: Weighing the Risks

Moderator: Andrew Restuccia, Energy Reporter, POLITICO

Mark Brownstein, Chief Counsel of the Energy Program,
Environmental Defense Fund

Alan Krupnick, Director of the Center for Energy Economics and Policy,
Resources for the Future

Peter Robertson, Senior Vice President of Legislative & Regulatory Affairs,
America's Natural Gas Alliance

2:45 PM

Coffee Break

3:00 PM

Energy Policy Perspectives

Moderator: Amy Harder, Energy and Environment Correspondent,
National Journal

The Honorable Deborah Wince-Smith, President & CEO,
Council on Competitiveness

The Honorable Philip Sharp, President, Resources for the Future

Joshua Freed, Vice President for the Clean Energy Program, Third Way

Christopher Guith, Vice President for Policy,

U.S. Chamber of Commerce's Institute for 21st Century Energy

4:30 PM

Closing Remarks: Scott Campbell, Director, The Howard Baker Forum

- 8:30 AM *Registration*
- 9:00 AM Welcome
Scott Campbell, Director, The Howard Baker Forum
Dona Crawford, Associate Director for Computation,
Lawrence Livermore National Laboratory
- 9:30 AM Keynote Address: Role of Science and Technology in Mitigating Risk
John Quigley, Principal, John H Quigley LLC
- 10: 15 AM Coffee Break
- 10:30 AM Technological Challenges
Moderator: Nick Snow, Washington Editor, Oil & Gas Journal

Terry Engelder, Professor of Geosciences, Pennsylvania State University
Ashok Belani, Executive Vice President Technology, Schlumberger Limited
Robert Ryan, Vice President - Global Exploration, Chevron Upstream & Gas
Vello Kuuskraa, President, Advanced Resources International, Inc.
- 12:00 PM Networking Lunch
- 1:00 PM Advanced Technology for Shale Systems
Moderator: Joel Kirkland, Deputy Editor, EnergyWire

Michael Sanders, Vice President Enterprise Engineering, Baker Hughes
Steven Bohlen, Deputy Program Director for Energy and Environmental Security,
Lawrence Livermore National Laboratory
- 2:15 PM Technology Policy Perspectives
Moderator: Rich Heidorn, Jr., Energy Analyst, Bloomberg Government

Julio Friedmann, Chief Energy Technologist, Lawrence Livermore National Laboratory
William Fisher, Leonidas T. Barrow Chair & Professor,
Jackson School of Geosciences, The University of Texas at Austin
Dag Nummedal, Director of the Colorado Energy Research Institute,
Colorado School of Mines
- 3:45 PM Closing: Dona Crawford, Associate Director for Computation,
Lawrence Livermore National Laboratory