

# 10<sup>th</sup> Annual GAS SHALES SUMMIT

June 7 - 8, 2011 | The Worthington Renaissance Fort Worth Hotel | Fort Worth, TX



## PROGRAM CHAIR

**Sheila Slocum Hollis**  
Chair of the Washington, D.C. office  
Duane Morris LLP



## Conference highlights:

- The key issues and trends for the current natural gas market
- Why rig count remains high despite falling prices
- Most likely long-term price curve
- M&A activity and trends
- How much new pipeline infrastructure will be required?
- Implications for the natural gas transportation network in North America?
- Unconventional strategies to gauge new plays and the revitalization of mature basins
- Current operating regulations and future trends
- Aggregation of emission sources
- Protecting human health and the environment
- Most recent developments in the Texas Legislature regarding the oil and gas industry
- Role of Government in the developing policy battle over the gas shales source
- Balancing market demand and environmental risks
- China's energy investment strategy in gas shales
- Technology answers for global energy challenge

## KEYNOTE ADDRESSES

**Justin Furnace**  
President  
TIPRO



**Carl Michael Smith**  
Executive Director  
IOGCC



**Richard R. Hoffmann**  
Executive Director  
The INGAA Foundation, Inc.



**Andrew D. Weissman**  
Publisher and Editor-in-Chief  
Energy Business Watch



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An **ALM** Event

Dear Colleague,

Natural gas shales development is front and center across the media landscape.

The phenomenon of shale gas development is reshaping the energy economy of the U.S. and beyond. The availability, on a massive scale, of a resource previously considered to be in its waning phases of availability has turned some alternate energy development upside down, precipitated critical examination of the role of imported LNG, and called into question a host of “immutable truths”. The opportunities emerging from the technological breakthroughs freeing up shale gas and increasing acceptability of natural gas as a cleaner fuel are shaping up to be previously unimaginable in their scope, consequences and benefits.

Yes, nothing of this magnitude comes without a price. This tremendous possibility is being analyzed, reviewed and questioned aggressively. Environmental players, state, local and federal regulators are all jumping into the fray with new demands and perceptions affecting the pace, scale and profitability of the shale gas plays. Royalty owners, taxing authorities, landowners are all seeing opportunities for themselves as well.

This **Insight Information** program brings together the key players, frames the debates and concerns and sets out the possibilities! Come be a player at the table of this exciting and comprehensive **GAS SHALES SUMMIT**.

The **10th Annual GAS SHALES SUMMIT** will provide industry, government and environmental groups from across the nation a forum for a healthy and open exchange of the facts and opinions on issues surrounding the development of gas shales.

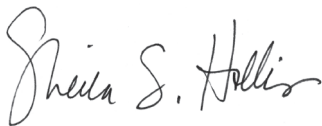
For the SUMMIT, we have assembled for you a roster of leading North American Government and industry leaders and experts who will provide their insights on the current state of play in gas shales development, emerging issues facing the industry, and what it takes to succeed in developing the resource.

You will be able ask questions and network with your colleagues in industry and Government in each session or informally during breaks.

All attendees will receive Conference materials, prepared by the speakers, which should be a lasting and valuable resource for you following the Conference.

We look forward to seeing you at this industry event.

Sincerely,



**Sheila Slocum Hollis**

*Chair of the Washington, D.C. office*

*Duane Morris LLP*

## WHO SHOULD ATTEND

### The program will have most direct appeal to:

- Oil and Gas Companies Executives
- Pipeline and Midstream Companies Executives
- Operations and Project Managers
- Exploration and Production Managers
- Business Development Managers
- Exploration/Petroleum Geologists and Hydrologists
- Geo-Engineers and Reservoir Engineers
- Geologic Consultants
- Gas Marketing Experts
- Industry and Energy Research Analysts
- Financial and Investment Advisors and Analysts
- Government and Regulatory Bodies

### Executives from:

- Regulatory and Community Affairs Professionals
- Energy Related Law Firms and Industry Associations
- NGOs

8:00

## Registration and Continental Breakfast

9:00

## Welcoming Remarks from Insight Informaton

9:05

## Opening Remarks from the Chair

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**Sheila Slocum Hollis**

*Chair of the Washington, D.C. office  
Duane Morris LLP*

9:20

## Balancing Market Impacts, Energy Security and Glut Risks

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**Surya Rajan**

*Director, Upstream Research and Global Gas  
IHS CERA*

- The evolution of the North American natural gas landscape
- The key issues and trends for the current natural gas market
- The future outlook for production in North America

**Richard R. Hoffmann**

*Executive Director  
The INGAA Foundation, Inc.*

- How much new pipeline infrastructure will be required to bring shale gas to market?
- What are the issues in connection with developing such projects?
- What are the broader implications for the natural gas transportation network in North America?

10:30

## Networking Coffee Break

10:45

## M&A Activity and Trends in the Gas Shales Industry

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**David Lehmann**

*Environmental Resources Management*

**Bill Spence**

*Environmental Resources Management*

- Transaction activity and the need to quickly identify "environmental" risks and valuation issues

- Technical and non-technical screens to quickly assess large acquisitions risks
- Developing unconventional strategies to gauge new plays and the revitalization of mature basins
- Role in acreage selection process, papering the deal
- Lassoing a moving target: water resource and disposal risks

11:45

## Networking Luncheon

12:45

### Luncheon Keynote

**Andrew D. Weissman**

*Publisher and Editor-in-Chief  
Energy Business Watch*

- Paradigm shift that is occurring in price and supply of natural gas due to breakthroughs in techniques for shale
- Likelihood of significant further declines in production costs
- Need for a major national program to increase natural gas use in order to take full advantage of available supplies
- Reasons why rig count remains high despite falling prices
- Most likely long-term price curve for natural gas
- Key national policy issues at stake

1:30

## Gas Shales Producers' Challenges in the New Economic Environment

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**Justin Furnace**

*President  
Texas Independent Producers  
& Royalty Owners Association (TIPRO)*

The presentation will focus on the most recent developments in the Texas Legislature regarding the Oil and Gas Industry

**Michael John**

*President  
Northeast Natural Energy*

### Acreage Acquisition:

- Mineral Ownership (title to the minerals)
  - mineral severances / fragmented ownership
- Small tract size

- Indigenous shallow producing assets
- Lack of regulatory pooling provisions
- Price and royalty expectation of mineral owners

#### **Operations:**

- Regulatory Issues - changing regulations, greater reporting requirements, significant increase in fees and more time required to obtain permits
- Resource challenges (size and talent of workforce, rigs, frac crews, etc)
- Environmental concerns - public unrest due to incomplete understanding of what we do and how we do it
- Heightened concerns over amount of water used in fracing and water disposal
- Limited public information regarding competitor activity

#### **Financing:**

- Capital intense play
- Everyone always looking for lower cost of capital
- Indications that capital is more available now than it has been for a few years

#### **Why it is worth it?**

- What makes the Marcellus special
- Why natural gas will become even more important

2:45

### **Networking Refreshment Break**

3:00

### **Current Operating Regulations and Future Trends**

#### **Seth v.d.H. Cooley**

*Partner*

*Duane Morris LLP*

- Scope of federal regulation of Gas Shale Development under the Clean Air Act, Superfund, Clean Water Act, Safe Drinking Water Act and Resource Conservation, Recovery Act, including:
  - Federal regulation of hydraulic fracturing
  - Aggregation of emission sources

#### **Carl Michael Smith**

*Executive Director*

*Interstate Oil and Gas Compact Commission (IOGCC)*

The presentation will focus on the IOGCC's role in protecting human health and the environment through sound regulation of hydraulic fracturing and ensuring an adequate level of production of much-needed oil and natural gas resources at a time when the nation's energy security is critical.

#### **John A Satterfield**

*Director, Regulatory Affairs*

*Chesapeake Energy Corporation*

The presentation will provide an overview of air emissions around oil and gas operations, analysis, and potential regulatory implications.

4:45

### **Day One Summing-up by the Chair and Conference Adjourns for the Day**

JUNE 8, 2011

8:30

### **Continental Breakfast**

9:00

### **Opening Remarks by Chair**

#### **Sheila Slocum Hollis**

*Chair of the Washington, D.C. office*

*Duane Morris LLP*

9:15

### **Role of Government in the Developing Policy Battle over the Gas Shales Source**

#### **David M. DeSalle**

*Partner*

*Duane Morris LLP*

- Transactional and regulatory issues impacting the resource development
  - report on the evolution of lease terms and conditions
  - emerging regulatory issues as Eastern states react to horizontal drilling and hydraulic fracture
- Role of government in the developing policy battle over this largely untapped energy source:
  - water use, treatment and disposal
  - taxes
  - role of local government
  - jurisdictional issues related to infrastructure build out

10:00

### **Networking Coffee Break**

10:15

## Balancing Market Demand and Environmental Risks: State of Play

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**Sheila Slocum Hollis**

*Chair of the Washington, D.C. office  
Duane Morris LLP*

- Evolving GHG emission policies and their impact on gas shales
- Best practices in corporate response to climate change

11:00

## China's Energy Investment Strategy in Gas Shales

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**Ralph E Winnie, Jr.**

*Director  
The Eurasian Business Coalition's China Program*

Igniting China's shale gas boom:

- China energy scramble
- China's coal conundrum
- Shale gas: China's natural gas gamble
- China's continued reliance on foreign expertise: how long will foreign participation be encouraged?
- Global pricing and market conditions
- Long term projections for shale gas exploration

11:45

## Networking Luncheon

1:00

## In the Foothills of the Energy Revolution - Technology Answers for Global Energy Challenge

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**Charles McCloskey**

*Director Business Development  
Siemens Water Technologies*

The presentation will focus on the experience with Veirsep dissolved gas flotation and multi-stage filtration for treatment of flow back and produced waters.

**Jonathan R. Matias**

*Executive Director  
Poseidon Sciences Group*

Alternative biocidal technology to reduce the environmental impact of fracking:

Clogging of proppants by biofilms due to overgrowth iron and sulfur bacteria necessitates the use of biocides in hydraulic fracturing operations. This in turn resulted in claims of contamination of the aquifer by such toxic chemicals. Collaborative research between Poseidon Sciences and Selenium, Inc. has enabled the validation of the antimicrobial action of covalently bound selenium on coated surfaces including proppants. Selenium is a food grade mineral supplement with antimicrobial effects. By permanently binding selenium on the surface, biofilm growth and clogging are prevented without the chemical leaving the surface of proppants or iron pipelines. This technology will help reduce the need for biocides and help in developing sustainable, ecofriendly methods for hydraulic fracturing operations.

**Bernd Wacker**

*Head of Technology & Innovation  
Siemens Oil & Gas Onshore Solutions  
Siemens AG, Energy Sector, Oil & Gas Division*

Integrated project approach to unconventional gas:

Unconventional gas projects need an unconventional approach to surface equipment, with processes such as produced water treatment and gas gathering systems needing extensive attention from the beginning in order to optimise the main business drivers of economics, HSE, efficiency and reduced CO2 footprint.

3:15

## Closing Remarks by the Chair and Conference Ends

## Sponsorship Opportunities



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For further details, please contact Amy Leung at 416.642.6128 or [aleung@alm.com](mailto:aleung@alm.com)

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#### Registration Fee: (Includes meals and documentation)

Please check your choice:

- Early Bird Special Register and pay by**
- March 18th**      **\$1,595.00**
- April 15th**      **\$1,795.00**
- Regular Conference Price (after April 15th)      \$1,995.00
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#### HOTEL RESERVATIONS:

The Worthington Renaissance Fort Worth Hotel is conveniently located at 200 Main Street, Fort Worth, TX. A block of rooms will be held until May 15, 2011, at a special rate of \$159.00 per night.

For reservations, please call 817-870-1000 and mention the 10th Annual Gas Shales Summit.

#### CANCELLATION AND REFUND POLICY:

A refund (less an administration fee of \$200.00) will be made if notice of cancellation is received in writing three weeks before the event. We regret that no refund will be given after this period. A substitute delegate is welcome at any time.

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