Opening Comments:
An Industry Perspective on the Workshop Topic & Goals

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Keys To Success

Managing Risks
- Responsible operations philosophy
- Effective risk management framework

Managing Uncertainties
- Accounting for subsurface complexity
- Calibrating models with appropriate data
- Evaluating results based on risk mitigation, and the probabilities and consequences of the outcome

Generating Opportunities
- Energy security
- Job and revenue growth
- Emissions reduction

Collaborating with Stakeholders & Regulators
- Working with local communities to manage impacts
- Transparency and reasonable regulations to enable safe and sound development
Workshop Collaboration
A Unique Opportunity for Industry Participants

• Build relationships with all workshop participants
• Actively listen and learn from all stakeholders
• Provide industry experience and input that will further the study goals and offer practical insight into the process of hydraulic fracturing
• Support discussions that are scientifically sound and articulated in a collaborative manner and given appropriate context
• Support adoption and use of common vocabulary to facilitate a constructive scientific discussion

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<th>Citizen “Real World” Concerns</th>
<th>Industry’s “Technical” Responses</th>
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<td>Will my water be contaminated?</td>
<td>Well design and integrity Surface water management</td>
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<td>Will my children get sick?</td>
<td>Exposure pathways</td>
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<td>Will my faucet water catch on fire?</td>
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