



April 6-7, 2010
Golden, Colorado

**RPSEA UNCONVENTIONAL GAS
CONFERENCE 2010: TECHNOLOGICAL
KEYS TO UNLOCKING ADDITIONAL
RESERVES**



RPSEA is pleased to announce: **RPSEA UNCONVENTIONAL GAS CONFERENCE 2010: TECHNOLOGICAL KEYS TO UNLOCKING ADDITIONAL RESERVES** – a conference to disseminate results from the RPSEA Unconventional Gas Research Program. The event will take place April 6-7 in Golden, Colorado.

RPSEA has an active research program with a current portfolio of 28 projects all targeting development of unconventional gas in the U.S. including activities in coalbed methane, tight gas formations, and shale gas. Unconventional gas currently represents almost one-half the domestic production in the U.S.

This conference offers an ideal opportunity to hear the latest perspectives and exchange ideas with industry experts.

**Tuesday,
April 6**

Research Results to be Highlighted Include:

- Utah Gas Shale Potential
- Understanding Piceance Basin Tight Sands – Mamm Creek Field Example
- New Albany Shale Potential

***Keynote Speaker: Tom Sheffield, Vice President,
Pioneer Natural Resources***

**Wednesday,
April 7**

- The Latest in Well Stimulation
- Produced Water Handling
- Re-fracturing of Low Permeability Wells
- Low k Field Development and Optimization

See Agenda for Full Lineup of Technology to be Reviewed

There is a **\$50 registration fee** for RPSEA Members (**\$75 Non-Members**) to help offset cost of the meeting.



Agenda

RPSEA UNCONVENTIONAL GAS CONFERENCE 2010: *TECHNOLOGICAL KEYS TO UNLOCKING ADDITIONAL RESERVES*

**April 6-7, 2010
Denver Marriott West
Golden, CO**

Meeting Location:

Denver Marriott West
1717 Denver West Boulevard
Golden, CO 80401
303-279-9100

Special Meeting Rate = \$130 per night. Please make reservations by March 12th, 2010.

Day One Agenda – Tuesday, April 6th

Tuesday, April 6th

7:00 a.m. – 8:00 a.m.	Continental Breakfast	
8:00 a.m.	Welcome	Mike Ming-RPSEA
8:00 a.m. – 8:30 a.m.	Introductions – Meeting Overview –Agenda	Kent Perry-RPSEA

Session #1– Shale Gas Resources

8:30-9:00	Paleozoic Shale Gas Resources	Tom Chidsey-Utah Geo Survey
9:00-9:30	Geologic Foundation for Diverse Shales	Dr. Pashin-Alabama Geo Survey
9:30-10:00	New Albany Shale Gas Geology	Dr. Gale - BEG

10:00-10:15 Break

10:15- 10:45	New Albany Shale Engineering	Iraj Salehi - GTI
10:45-11:15	High Resolution Imaging for Gas Shales	Dr. Silin-LBNL
11:15-11:30	Discussion	

Session #2 – Tight Gas Sands

11:30-12:00	Gas Production Forecasting-Tight Gas Sands	Dr. Deo- U of Utah
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12:00-1:00

Lunch

1:00-1:45 p.m.

Keynote Speaker Tom Sheffield, VP, Pioneer Natural Resources

1:45-2:45

Reservoir Connectivity, Mamm Creek

- Project overview (5 min)- Dr. Nummedal, CSM
- Mamm Creek reservoir – Geostatic modeling (25 min) – Dr. Pranter, CU Boulder, and Dr. Michelena, iReservoir
- Identification and role of anisotropy in tight gas sandstones (15 min) – Dr. Tsvankin, CSM
- Stratigraphic controls on tight-gas sandstones (15 min) – Dr. Aschoff

2:45-3:00

Break

3:00-3:30

Optimizing Wamsutter Well Locations

Dr. Kelkar- U of Tulsa

Session #3

Cross Cutting Unconventional Gas Technologies

3:30-4:00 p.m.

Gas Composition and Migration Pathways

Dr. Harris- Colo. Mines

4:00-4:30

Fracturing w/Light Weight Proppant

Dr. Mohanty- U of Texas

4:30-5:00

Hydraulic Fracturing - Tight Gas Reservoirs

Dr. Zhu – Texas A&M

5:00-5:15

Discussion

5:15

Adjourn for Day

5:30-7:00 p.m.

Reception at the Hotel

Day Two Agenda – Wednesday, April 7th

7:00 a.m. – 8:00 a.m.

Continental Breakfast

All

8:00 a.m. - 8:15a.m.

Agenda Overview

Kent Perry-RPSEA

Session #3 Continued - Cross Cutting Unconventional Gas Technologies

8:15-8:45

Optimizing Unconventional Gas Development

Dr. Bickel-U of Texas

8:45-9:15

Re-fracturing of Tight and Gas Shale Wells

Dr. Sharma-U of Texas

9:15-9:45

Novel Fluids for Productivity Enhancement

Dr. Mahadevan - U of Tulsa

9:45-10:00

Break

10:00- 10:30

Environmentally Friendly Drilling System

Dr. Haut - HARC

10:30-11:00

Gas Condensate and Tight Gas Sands

Dr. Horne-Stanford

11:00-11:30

Expert System for Low Perm Reservoirs

Dr. Moridis-LBNL

11:30-12:00
12:00-12:15

Produced Water Research Projects
Discussion and Wrap-up

Dr. Hayes - GTI

12:15-1:15 p.m.

Lunch and Adjourn

RPSEA Unconventional Gas Project Advisor Committee Meeting
Attended by Unconventional Project Advisors Only

1:15-1:45

PAC Update Items and Agenda

1:45-2:45

Research Project Discussion

2:45-3:45

Planning for Next Research Solicitation

3:45-4:30

Discussion of 2011 RPSEA R&D Plan
Next Steps and Adjourn