



RPSEA is pleased to announce: **RPSEA UNCONVENTIONAL GAS CONFERENCE 2011: TECHNOLOGICAL KEYS TO UNLOCKING ADDITIONAL RESERVES** – a conference to disseminate results from the RPSEA Unconventional Gas Research Program. The event will take place April 19-20 in Denver, Colorado. This two day meeting will be followed by a comprehensive review of the RPSEA Piceance Basin, Mamm Creek Field Project to be held at Williams Exploration's office in Downtown Denver.

RPSEA has an active research program with a current portfolio of projects all targeting development of unconventional gas in the U.S. This conference offers an ideal opportunity to hear the latest perspectives and exchange ideas with industry experts.

Program Highlights Include:

Opening Session Speaker

James Schroeder, President Western Energy Alliance, RPSEA Board Member

Luncheon Speaker

Tisha Conoly Schuller, President & CEO Colorado Oil and Gas Association

Keynote Speaker

Mike Ming, Secretary of Energy – State of Oklahoma

Technology Topics:

- The Latest in Well Stimulation
- Produced Water Handling
- Re-fracturing of Low Permeability Wells
- Low k Field Development and Optimization
- Shale Resources
- Horizontal Well Fracturing
- Many Others – See Agenda

There is a **\$50 registration fee** for RPSEA Members (**\$100 Non-Members**) to help offset cost of the meeting.

In addition to the RPSEA project review there will be a one day overview of the RPSEA Piceance Basin, Mamm Creek Field project. It will be held at Williams Exploration, Denver, Colorado. There is no charge for this event but sign up is required.

**Piceance Basin, Mamm Creek Field Project Review
April 21, 2011
Williams Exploration's Offices
Downtown Denver**



Agenda

RPSEA UNCONVENTIONAL GAS CONFERENCE 2011: *TECHNOLOGICAL KEYS TO UNLOCKING ADDITIONAL RESERVES*

**April 19-20, 2011
Denver Marriott City Center
Denver, CO**

Meeting Location:

Denver Marriott City Center
1701 California Street
Denver, CO 80202
1 303-297-1300

Special Meeting Rate = \$159 per night. **Please make reservations by March 31th, 2011.**

Day One Agenda – Tuesday, April 19th

Tuesday, April 19th

7:00 a.m. – 8:00 a.m. Continental Breakfast
8:00 a.m. Welcome

Bob Siegfried-RPSEA

8:05-8:30 a.m. Opening Session Speaker: James Schroeder, President Western Energy Alliance, RPSEA Board Member

8:30 a.m. – 9:00 a.m. Meeting Overview –Agenda Kent Perry-RPSEA

Session #1– Shale Gas Resources

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

10:30-10:45 Break

10:45- 11:15 Design of Multi-Transverse Fracture Horizontal Wells Dr. C. Ehlig-Economides-TAM
11:15-11:45 High Resolution Imaging for Gas Shales Dr. Silin-LBNL

Session #2 – Tight Gas Sands

11:45-12:00 Reservoir Connectivity, Mamm Creek Field Overview of Thursday Workshop at Williams Energy Dr. Nummedal, CSM

12:00-1:15 p.m. Lunch

Luncheon Speaker: Tisha Conoly Schuller, President &CEO Colorado Oil and Gas Association

1:15-1:45 p.m. Keynote Speaker: Mike Ming, Secretary of Energy – State of Oklahoma

1:45-2:15 Gas Production Forecasting-Tight Gas Sands Dr. Deo- U of Utah
2:15-2:45 Optimizing Unconventional Gas Development Dr. McVay-Texas A&M

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. Marcellus Hydraulic Fracturing/NAS Results Jordan Ciezobka - GTI
4:00-4:30 Hydraulic Fracturing - Tight Gas Reservoirs Dr. Hill/Zhu – Texas A&M
4:30-5:00 New Project Overview Charlotte Schroeder - RPSEA
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 20th

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	Re-fracturing of Tight and Gas Shale Wells	Dr. Sharma-U of Texas
8:45-9:15	Fracturing w/Light Weight Proppant	Dr. Mohanty- U of Texas
9:15-9:45	Gas Composition and Migration Pathways	Dr. Harris- Colo. Mines

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	LBNL
11:30-12:00	Produced Water Research Project	Dr. Drewes- CSM

12:00-1:00 p.m. Lunch

1:00-1:30 p.m.	Novel Gas Isotope Interpretation Tools To Optimize Gas Shale Production	Yongchun Tang - PEER Institute
1:30-2:00	Coupled Flow-Geo-mechanical-Geophysical-Geochemical (F3G) Analysis of Tight Gas Production	LBNL
2:00-2:30	Sustaining Fracture Area and Conductivity of Gas Shale Reservoirs for Enhancing Long-Term Production and Recovery	Hugo Morales-Terra Tek
2:30-3:00	Comprehensive Investigation of Factors Enhancing Microbially Generated Coal Bed Methane	Dr. Marr, CSM
3:00-3:30	Marcellus Shale Geophysics	Diana Sava – BEG/UT
3:30	Adjourn	

Thursday, April 21, 2011
Piceance Basin, Mamm Creek Field Project Review
8:00 am to 5:00 pm