

Overview of Thursday Workshop at Williams



**Dag Nummedal
CSM**

Rulison Field, Piceance Basin

Comprehensive Project Review

April 21st, 2011 at Williams, Denver

Reservoir Connectivity and Stimulating Gas Flow in Tight Sands

Project No 07122-15

Paul Weimer, CU-Boulder. What do regional subsurface studies of the Piceance basin tell us about its evolution that outcrops cannot begin to address?

Piret Plink-Bjørklund, CSM. Facies, lithostratigraphic and diagenetic boundaries: evaluation of their relative roles as reservoir controls in deltaic sandbodies.

Rex Cole and Matt Pranter, Mesa State and CU-Boulder. Coastal and alluvial-plain architectural elements of the Upper Cretaceous Williams Fork Formation, southwest Piceance basin, Colorado: outcrop analogs for subsurface reservoir characterization.

Bruce Trudgill, CSM. Integrated structural analysis in the Piceance Basin: Basin scale restorations to outcrop scale fracture analysis.

Bill Woodruff, CSM. New insights in SP anomalies in the Piceance basin.

Huabing Wang, Jim Gilman, and Reinaldo Michelena, iReservoir.com, Mamm Creek Field – dynamic modeling update.

Ilya Tsvankin, CSM. Fracture detection using amplitude analysis of reflection and borehole seismic data.

Related Piceance Basin Projects

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Nick Harris, Department of Earth & Atmospheric Sciences, University of Alberta, Edmonton, Alberta, Canada. Gas sources and migration pathways in Mamm Creek-Rulison-Parachute-Grand Valley gas fields: Results from a comprehensive gas geochemistry study.

Jennifer Aschoff, Department of Geology and Geol Eng. Colorado School of Mines, Golden, CO: Basin-scale outcrop to subsurface sequence-stratigraphic correlation of the lower Williams Fork Formation: A basic framework for future models.

Tzahi Cath, Department of Environmental Science and Engineering, Colorado School of Mines, Golden, CO: Coalbed methane produced water: quantity, quality, and potential reuse in the Rocky Mountain basins.

Xiaolong Yin, Department of Petroleum Engineering, Colorado School of Mines, Golden, CO: Numerical and laboratory study of gas flow in unconventional reservoir rocks.

Junko Munakata Marr and Lee Landkamer, Department of Environmental Science and Engineering, Colorado School of Mines. Microbial production of methane from coal: community and chemistry.

Azra Tutuncu, Department of Petroleum Engineering, CSM
UNGI and the collaboration effort with the RPSEA In-Situ Lab