

Hydraulic Fracturing –Measurement, Characterization, and Analysis

Monday, February 16, 2009, 8:30 am – 4 pm,

Colorado School of Mines, Berthoud Hall 241

Fee: \$195, includes food at breaks, class notes, and PDH certificate

Instructor: Jennifer Miskimins, Colorado School of Mines

This one-day workshop is intended to demonstrate recent advances in hydraulic fracturing techniques and how they can be used to characterize the producing reservoir. The basics of hydraulic fracturing are discussed and lead into the complexities associated with treatment design and analysis. Special issues such as non-Darcy flow, G-function analysis, and “mapping” techniques are covered. Case studies demonstrating analysis and various fracturing practices (such as “slickwater” fracs) are presented. The class is designed to be accommodating to all disciplines.

Source Rocks 101 - What the Exploration Geologist, Geophysicist, and Production Engineer Should Know about Petroleum Source Rocks

Monday, February 23, 2009, 8:30 am – 5 pm

Colorado School of Mines, Ben Parker Student Center Ballroom D

Fee: \$195, includes food at breaks, class notes, and PDH certificate

Instructor: Dr. Nick Harris, Colorado School of Mines.

Source rocks are the foundation of the petroleum system. This course will provide a succinct overview of the characteristics of source rocks, the processes involved in source rock deposition and hydrocarbon generation and how to evaluate source rocks. Attendees will learn through lecture and exercises how to evaluate and predict source rock quality and the amount and quality of hydrocarbons generated from these source rocks. Topics to be covered: What is a source rock? Source rocks are not created equal. How do you evaluate a source rock? Relationship between source rock type and the hydrocarbons they generate. Models for source rock deposition. The role of thermal history in source rock generation and migration.

Register online: www.pttcrockies.org

For more information, contact Mary Carr, 303.273.3107, mcarr@mines.edu