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This month the <u>General Meeting</u> features an SPE distinguished lecturer, David Waldo, of Gaffney, Cline and Associates, discussing successful aspects of shale gas plays. Be sure to check it out. We also have a <u>Reservoir Engineering Study Group</u> study group lined up for this month on PVT reports. Please take note that Denver SPE Section has a new phone number, 303-928-3277, if you like to call in to register for meetings.

The <u>SPE Denver Annual Golf Tournament</u> is now open for early registration for sponsoring individuals or companies. Starting May 15th, registrations without associated sponsorship will be open. The facilities at The Ridge at Castle Pines North are spectacular and challenging. We hope that you can be a part of the 2015 SPE Golf Tournament.

Kelly Wilson

Newsletter Editor

Nominations for the 2015/16 SPE Denver Section Board of Directors

These persons have been nominated by the board for election to the 2015/16 Denver Section Board of Directors. In accordance with the Section's bylaws, the election will be by show of hands at the May General Meeting.

Chair - Leen Weijers Program Chair - Julianna Sipeki Treasurer - Nick Schnurr Membership - Kelly Wilson Secretary - Deb Ryan

We would like to thank these individuals for their service to the Section.

May 4, 2015

GENERAL MEETING

Geologic Factors Associated with Successful Shale Gas Plays

David Waldo, Gaffney, Cline, and Associates

May 20th, 2015 Penver Athletic Club

Shale is the most common sedimentary rock-type in the world, and massive shale deposits can be found on every continent. A lithologic unit is classified as shale if it is composed of fine-grained sediments. To determine if a particular shale is viable as an unconventional



Face<u>book</u>

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hydrocarbon play, various geologic factors must be understood about those sediments. As an example, the shale's mineralogy must have certain characteristics that will allow it to be fractured. The recent shale revolution also required the development of

innovative drilling and completion technologies to transform a shale that previously acted as an impermeable seal or barrier for conventional hydrocarbon traps into a producible reservoir. This presentation outlines the key geologic factors required to have a successful shale gas play. It also highlights the fact that all shales are different, and understanding those differences is key to successful shale exploration.

David Waldo is a senior consultant with Gaffney, Cline, and Associates. During the past seven years, he has been involved in the evaluation of shale plays in Canada, the United States, and southeast Asia. He has more than thirty years of experience in petroleum exploration and development, with a focus on the creation, evaluation, and valuation of international oil and gas opportunities. He is an honors graduate in geology from Texas A&M University.



Early Registration-SPE Denver Annual Golf Tournament

August 6-7, 2015 The Ridge at Castle Pines North

- · Lunch and dinner are included each day.
- · Separate award ceremonies and raffle drawings take place immediately following each flight, thereby eliminating the need to return in the evening to collect prizes.
- · All golfers are always invited to join us for dinner the day you

The proceeds from the tournament benefit the SPE Scholarship Fund and are distributed to petroleum engineering students in the Rocky Mountain Region.

We offer four levels of sponsorship donation. from \$5,000 or more to \$250. The sponsoring companies will be recognized on both days of the tournament and in the SPE Newsletter.

Only sponsors are allowed early registration as well as priority in preferred tee times through mid-May; the tournament fills up quickly so please get your entries in.

Non-sponsorship registration will be available starting May 15th.



The facilities at The Ridge at Castle Pines North are spectacular and challenging. We hope that you can be a part of the 2015 SPE Golf Tournament.

Any questions or concerns with registration, please contact Erin

Reservoir Engineering Study Group

How Good is Your PVT Study

Toddy Guidry, Corelab

May 28th, 2015 Halliburton Offices



Society of Petroleum Engineers - Denver Section

Americas 222 Palisades Creek Dr.

Asia Pacific Level 35, Gardens South Tower Richardson, TX 75080-2040 USA Mid Valley City, Lingkaran Syed Putra

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