

Conference Preview

SPE Liquids-Rich Basins Conference: New Technology for Old Plays

21-22 September 2011, Midland Convention Center, Midland, TX, USA

www.spe.org/events/pbc

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New SPE Event!***



Society of Petroleum Engineers

*With the support of
the SPE Permian
Basin Section*

Message from the Program Chairperson



We are pleased to invite you to the inaugural **SPE Liquids-Rich Basins Conference**, 21–22 September, in Midland, Texas, USA.

Assets rich in hydrocarbon liquids have become hot properties for many producers. Liquids-rich resource plays are providing some of the best economics in North America. Considered “harvest operations” until recently, properties in mature basins are being revitalized through new and improved technologies applied in innovative ways.

Economic success in producing these resources relies upon an understanding of reservoir characteristics and the proper application of completion, stimulation, and production techniques. Industry professionals in the Anadarko, DJ, Permian, Williston, and Western Gulf Basins are at the forefront of facing challenges and creating opportunities in liquids-rich plays such as Granite Wash, Niobrara, Wolfberry, Bakken, and Eagle Ford.

This single-track conference will focus on current operations practices and the development of tactics which are driving today’s exploitation of these liquids-rich reservoirs. Speakers will offer case histories on the revolution that has turned source-rock into reservoirs and created new-fields-within-old fields. We encourage engineers of all disciplines, operations and management personnel, and all within the geological fields to attend.

I look forward to seeing you!

Sincerely,

Billy W. Harris
Wagner & Brown, Ltd.
Program Chairperson

Conference Focus

This unique 2-day conference will examine case histories and highlight innovative technologies and techniques applied throughout the drilling, completion, and production life of wells in the current liquids-rich plays. Emphasis will be placed on “data-calibrated optimization” as opposed to “opinion-based design.” The program will include case histories focused on the successful transfer of field experience from liquids-rich resource plays in other regions of North America. An emphasis will be placed on geosciences, engineering, resource assessment, and economic evaluation of these plays.

Topics Covered

Dynamic discussions will cover a broad scope of technical and resource topics including:

- Understand critical characteristics and differences in liquids-rich reservoirs
- Optimize well completions
- Improve well performance analysis
- Control well costs to optimize economics and recovery

Program Committee

Program Chairperson
Billy W. Harris
Wagner & Brown, Ltd.

Tom Blasingame
Texas A&M University

Myra Dria
Ristra Energy

Clyde Findlay II
ConocoPhillips

Keith Hudson
Core Laboratories

Robin Hussey
ConocoPhillips

Randy Lafollette
Baker Hughes

Robert Reyes
Halliburton Energy Services Group

Lance Robertson
Pioneer Natural Resources USA

Hoxie Smith
Midland College

Doug Walser
Pinnacle, a Halliburton Service

The **Society of Petroleum Engineers** is a not-for-profit organization. Income from this event will be invested back into SPE to support many other Society programs. When you attend, sponsor, or exhibit at an SPE event, you help provide even more opportunities for industry professionals to enhance their technical and professional competence. Scholarships, certification, the Distinguished Lecturer program, and SPE’s energy education program Energy4me are just a few examples of programs that are supported by SPE.

Schedule of Events *as of 18 May 2011*

Tuesday, 20 September

0700–0800	Training Course Registration
0800–1700	Training Course
1400–1700	Conference Registration
1730–1900	Welcome Reception at Petroleum Club

Wednesday, 21 September

0700–1800	Registration
0930–1800	Exhibition
0800–0815	Opening Session
0815–0945	Technical Session 1
0945–1015	Coffee Break on Exhibit Floor
1015–1145	Technical Session 2
1200–1330	Keynote Luncheon at Petroleum Club (separate ticket purchase required)
1330–1500	Technical Session 3
1500–1530	Coffee Break on Exhibit Floor
1530–1700	Technical Session 4
1700–1800	Wednesday Night Reception on Exhibit Floor

Thursday, 22 September

0700–1500	Registration
0930–1500	Exhibition
0800–0930	Technical Session 5
0930–1000	Coffee Break on Exhibit Floor
1000–1130	Technical Session 6
1130–1300	Networking Luncheon on Exhibit Floor
1300–1430	Technical Session 7
1430–1500	Coffee Break on Exhibit Floor
1500–1630	Technical Session 8
1630–1700	Closing Session

All events are held at the Midland Center unless otherwise noted above.

Training Course

Introduction to Distributed Temperature Sensing (DTS)

Tuesday, 20 September, 0800–1700

Separate registration required.

Instructor: James J. Smolen

The science behind distributed temperature sensing (DTS) and its applications are still emerging. This 1-day course is a comprehensive look at the latest advances in DTS technology. If you have been following this technology and would like to learn more, this course will be beneficial to you. Learn more at www.spe.org/trainingcourses.

Wednesday, 21 September 0800–0815

Opening Session: Chairperson

Opening Remarks

Session Chairperson:

Billy W. Harris, Wagner & Brown, Ltd.

Wednesday, 21 September 0815–0945

Session 1: Thinking Strategically

Session Chairpersons:

Billy W. Harris, Wagner & Brown, Ltd.
Myra Dria, Ristra Energy

Speakers:

Timothy Leach, CEO, Concho Resources
Ward Polzin, Managing Director, Investment Banking,
Tudor, Pickering, Holt & Co.

Wednesday, 21 September 1015–1145

Session 2: Reserves And Well-Spacing: What Is The Answer?

Session Chairpersons:

Robert Reyes, Halliburton Energy Services Group
Tom McGray, COG Operating

Wednesday, 21 September 1330–1500

Session 3: Artificial Lift

Session Chairperson:

Hoxie Smith, Midland College

Wednesday, 21 September 1530–1700

Session 4: Play By Play I

Session Chairpersons:

Lance Robertson, Pioneer Natural Resources USA
Randy Lafollette, Baker Hughes

Presentations in this session will focus on the Avalon/
Bone Springs, Bakken, and Eagle Ford plays.

Thursday, 22 September 0800–0930

Session 5: Play By Play II

Session Chairpersons:

Randy Lafollette, Baker Hughes
Keith Hudson, Core Laboratories

Presentations in this session will focus on the Granite
Wash, Niobrara, and Wolfberry plays.

Thursday, 22 September 1000–1130

Session 6: Advanced Techniques: Fiber Optics And Interventionless Operations

Session Chairpersons:

Doug Walser, Baker Hughes
Robin Hussey, ConocoPhillips

Thursday, 22 September 1300–1430

Session 7: Tactics And Equipment

Session Chairpersons:

Lance Robertson, Pioneer Natural Resources USA
Myra Dria, Ristra Energy

Thursday, 22 September 1500–1630

Session 8: Stimulation

Session Chairpersons:

Randy Lafollette, Baker Hughes
Robin Hussey, ConocoPhillips

Thursday, 22 September 1630–1700

Closing Session

Session Chairpersons:

Billy W. Harris, Wagner & Brown, Ltd.
Lance Robertson, Pioneer Natural Resources USA

Copyright Information

All SPE sessions are protected by US copyright laws. Photography and video/audio recording of any kind are strictly prohibited in the sessions and throughout the exhibition area.

Exhibitors *as of 26 May 2011*

Basic Energy Services
Cudd Energy Services
Frac Tech Services
G&K Service
Peak Completions
Permian Production Equipment, Inc.
Wellkeeper

Registration

Register now at www.spe.org/events/psc.

Due to the anticipated high interest in this conference and the size limitation of the convention center, we must limit conference attendance to the first 300 registrants. We encourage you to register early.

Conference participants can register via the Internet, mail, or fax. Advance registrants may pay in US dollars by check or credit card. Checks are acceptable from US bank checking accounts only and should be written for the amount of purchase only. SPE accepts American Express, Visa, MasterCard, and Diners Club credit cards. Payment can also be made by wire transfer; contact registration@spe.org for bank details.

Badge Information

Domestic attendee badges and any purchased tickets will be mailed prior to the conference if registration is processed on or before **24 August**. Registrations received after 24 August and all international attendee registrations will be held for pickup on-site. Please be prepared to show photo ID (passport or driver's license) in order to pick up your conference badge.

Cancellation Deadline

To receive a full refund, all cancellations must be received in writing no later than **7 September 2011**. Cancellations made after 7 September will not be refunded. Send cancellation requests to registration@spe.org, by fax to +1.866.460.3032 (US) or +1.972.852.9292 (outside US) or to SPE Registration, PO Box 833836, Richardson, TX 75083.

Questions?

Contact us by email (registration@spe.org) or by phone (+1.972.952.9393, ext 216).

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A portion of your dues is allocated to a *JPT* subscription and is not deductible or refundable.

Sponsor *as of 7 June 2011*

Conference Lanyards



Registration Prices

All prices listed in US dollars (USD).

Fees	By 7 September	After 7 September
SPE Member*	USD 600	USD 700
Nonmember*	USD 700	USD 800
Author*	USD 500	USD 500

*Full registration fees include access to technical sessions, exhibition, receptions, coffee breaks, and networking luncheon. The keynote luncheon requires a separate ticket purchase (USD 50).

1-Day Training Course

SPE Member	USD 749
Nonmember	USD 949

Accommodations and Travel

Hilton Midland Plaza
 117 West Wall Street,
 Midland, Texas, USA 79701
 Tel: +1.432.683.6131 Fax: +1.432.683.0958

Rooms have been reserved for the SPE Liquids-Rich Basins Conference at the Hilton Midland Plaza Hotel at the rate of USD 128. The conference will be held at the Midland Center.

Visit www.spe.org/events/psc to make your housing arrangements online or call +1.432.683.6131. When calling, please reference the SPE Liquids-Rich Basins Conference to receive the group rate. All reservations must be received by **5 September 2011** to be guaranteed at the conference rate.

Driving Directions from Midland International Airport to Midland Center

- Head north on N Service Rd
- Continue onto La Force
- Keep right at the fork
- Turn left to merge onto I-20 BUS E
- Continue onto W Wall St
- Turn left onto N Main St
- Destination will be on the left