

COILED TUBING & WELL INTERVENTION CONFERENCE & EXHIBITION



2012

27–28 March 2012

The Woodlands, Texas, USA

The Woodlands Waterway Marriott
Hotel and Convention Center

Conference Preview

www.spe.org/events/ctwi



Society of Petroleum Engineers
www.spe.org

ICOTA
Intervention & Coiled Tubing Association

www.icota.com

WELCOME LETTER

Dear Well Intervention and Coiled Tubing Colleagues,

On behalf of the Society of Petroleum Engineers (SPE) and the Intervention and Coiled Tubing Association (ICoTA), we would like to invite and encourage you and your colleagues to attend the 2012 Coiled Tubing and Well Intervention Conference and Exhibition, to be held 27–28 March at the Woodlands Waterway Marriott Hotel and Convention Center.

Volunteers from the ICoTA and SPE membership select and organize the technical program, ensuring that the content is of the highest quality and relevance.

The technical sessions, combined with the exhibition and Knowledge Sharing ePoster sessions, will provide an excellent venue for networking, sharing, and advancing the full spectrum of well intervention technologies.

This conference covers all well intervention activities including—but not limited to—well control; HSE; horizontal/high-angle applications; electric wireline; slickline; coiled-tubing applications; fracturing and stimulation; intervention solutions; operational efficiency; subsea/offshore interventions; and equipment, tools, and material.

As many of us well intervention professionals know, some of the lowest cost-per-barrel equivalents can be achieved through well interventions. Staying abreast of the latest technologies, tools, and techniques can help position your company or your customer to take advantage of these more readily accessible and already proven reserves.

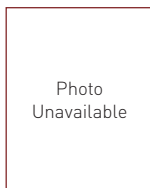
Focused conferences, such as this one, offers a time- and cost-effective way to share knowledge, see new tools, and learn of new techniques that can significantly improve “the bottom line” in your well intervention activities.

We look forward to seeing you at the Woodlands.

Sincerely,



Cindy Taff, Lead Chairperson
Shell E&P



Alan Patrick, Vice Chairperson
Halliburton

PROGRAM COMMITTEE

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Bobby Smith
Boots & Coots

Mike Wisniewski
Hunt Oil

Michael Witte
Encana

Conference Focus

The Coiled Tubing and Well Intervention Conference continues its tradition as the global E&P industry's foremost venue for the latest intervention technologies, like electric line, slickline, hydraulic workover, and coiled tubing used in the well-servicing industry.

Who Should Attend

- ◆ Design and drilling engineers
- ◆ Completion engineers
- ◆ Production engineers
- ◆ Business development professionals
- ◆ R&D professionals
- ◆ Operations managers
- ◆ Executives
- ◆ Consultants

Topics Covered

- ◆ Well interventions
- ◆ Coiled tubing
- ◆ Wireline
- ◆ Slickline
- ◆ Stimulation
- ◆ HSE
- ◆ Well abandonments
- ◆ Well control and integrity

About SPE

The Society of Petroleum Engineers (SPE) is a not-for-profit professional association whose members are engaged in energy resources development and production. SPE serves more than 97,000 members in 118 countries worldwide. SPE is a key resource for technical knowledge related to the oil and gas exploration and production industry and provides services through its publications, events, training courses, and online resources at www.spe.org.

About ICoTA

The Intervention and Coiled Tubing Association (ICoTA) is a not-for-profit, member-funded organization with the primary objective of improving communication and promotion of technical awareness within the well intervention and coiled tubing industries. Membership comprises individuals from all sectors of these industries, which includes service users, service providers and manufacturers of related tubing and equipment.

SCHEDULE OF EVENTS

(as of 24 October 2011)

Monday, 26 March

0700-0800	Training Course Registration
0730-0800	Morning Coffee Break
0800-1200	Training Course: Introduction to Distributed Temperature Sensing
0800-1700	Training Course: Coiled Tubing and Its Applications
0930-1000	Coffee Break
1200-1300	Training Participant Networking Lunch
1200-1700	Conference Registration
1330-1730	Training Course: Introduction to Wireline Tractors
1415-1445	Afternoon Coffee Break
1700-1830	Opening Reception

Tuesday, 27 March

0700-1700	Conference Registration
0800-0830	Morning Coffee Outside the Technical Session Rooms
0830-1145	Technical Sessions
0930-1830	Exhibition
1000-1045	Coffee Break on the Exhibit Floor/ Knowledge Sharing ePosters
1200-1300	Keynote Luncheon
1300-1345	Dessert & Coffee on the Exhibit Floor
1345-1700	Technical Sessions
1515-1600	Coffee Break on the Exhibit Floor/ Knowledge Sharing ePosters
1700-1830	Expo Reception

Wednesday, 28 March

0730-1200	Conference Registration
0800-0830	Morning Coffee outside the Technical Session Rooms
0830-1145	Technical Sessions
0930-1400	Exhibition
1000-1045	Coffee Break on the Exhibit Floor/ Knowledge Sharing ePosters
1200-1345	Networking Luncheon / Dessert & Coffee on the Exhibit Floor
1345-1700	Technical Sessions
1515-1600	Coffee Break Outside the Technical Session Rooms

All events for the 2012 Coiled Tubing and Well Intervention Conference and Exhibition will be held at the Woodlands Waterway Marriott Hotel & Convention Center.

SPECIAL EVENTS

Training Courses

Monday, 26 March

0800–1200

Introduction to Distributed Temperature Sensing (DTS)

Duration/Credit Hours: 1/2-day/0.4 CEU

Instructor: James J. Smolen

This newly developed, half-day session succinctly covers the emerging technology of distributed temperature sensing. With DTS, downhole temperature surveys can be taken unobtrusively in real time along the full depth of the well. Such systems have found application in high-cost horizontal and multilateral wells where reentry with a logging tool is difficult, if not impossible. The course offers a networking lunch after the class.

Monday, 26 March

1330–1730

Tractor Technologies for Well Interventions

Duration/Credit Hours: 1/2-day/0.4 CEU

Instructors: Brian Schwanitz and Alex Crabtree

Get an operational perspective on the state of light intervention technology and how it is changing the way some operators design their wells to be more intervention friendly. This half-day course will address the merits of integrating more contingency planning into subsea, intelligent, and unconventional wells. Learn how this emerging technology helps with reduced cost, less HSE risk, and improved reservoir recovery in subsea wells.

Monday, 26 March

0800–1700

Coiled Tubing and Its Applications

Duration/Credit Hours: 1-day/0.8 CEU

Instructor: Ed Smalley

This 1-day course presents coiled tubing (CT) as a tool for workover, drilling, and completion services. It provides an overview of conventional CT workover and completion applications, including its properties, manufacture, surface equipment utilized for deployment, and subsurface tools for applications. A significant portion of the course covers mechanical performance of CT, including working limits, buckling, and fatigue. The course also includes discussion of CT drilling technology and hydraulics.

Opening Reception

Monday, 26 March

1700–1830

Explore the newest technologies in the coiled tubing and well intervention industry and preview the more than 65 exhibiting companies during the opening reception. Come and view the coiled tubing units on display! This event is an exclusive opportunity for attendees to visit with exhibitors, enjoy appetizers and beverages, and have a chance to win a variety of door prizes.

Expo Reception

Tuesday, 27 March

1700–1830

After the technical sessions, join us in the exhibit hall to network with exhibitors and colleagues during the Expo Reception. This event is another opportunity to explore the exhibits and enjoy appetizers and beverages.

Keynote Luncheon

Tuesday, 27 March

1200–1300

The Complexities of Performing Coiled-Tubing Operations in Subsea Wells

Separate ticket purchase required—USD 45

Speaker: Ray Stawaisz, Global Well Intervention Manager, Chevron

Ray Stawaisz is global subsea well intervention manager within the drilling and completions organization at Chevron. His responsibilities include supporting global subsea well intervention operations and subsea and surface BOPE acceptance and troubleshooting which ensures safe operations of Chevron's well operations.

For Chevron, Stawaisz has held a number of positions of increasing complexity and supervisory responsibility in global locations for the last 31 years.

He received his bachelor's degree in Earth and Mineral Science from Penn State in 1980.

Knowledge Sharing ePosters

Tuesday, 27 March–Wednesday, 28 March

The authors will present during coffee breaks. See schedule of events for times.

An ePoster is an electronic version of a traditional poster presented on a plasma screen. It offers the added benefit of animation, audio, and video and enhances the visual experience to provide greater interactivity between the attendee and the poster author.

TECHNICAL PROGRAM (As of 18 November 2011)

Tuesday, 27 March

0830-1145

Horizontal/High-Angle Well Applications

Session Chairpersons:

Ian Retalic, Senergy
Alastair Buchanan, Statoil

Horizontal and extended-reach well applications have increased significantly in recent years, not only in offshore plays, but also in unconventional onshore gas plays. Operational effectiveness in these challenging wellbores is critical in delivering well programs and overall performance. This session will focus on improving operational effectiveness in horizontal and extended-reach well applications.

Tuesday, 27 March

0830-1145

Offshore and Subsea Well Intervention Operations

Session Chairpersons:

Rex Burgos, Schlumberger
Bobby Smith, Boots & Coots

This session will highlight some of the methods, techniques, and tools that are utilized often in a collaborative effort to perform subsea well interventions. The efficiency and conservation of effort in these operations aim to safely and successfully achieve an operator's goal, resulting in an acceptable economic margin.

Tuesday, 27 March

1345-1700

Electric, Slick, and Braided Wireline Applications

Session Chairpersons:

Andrew Patterson, Consultant
Brian Schwanitz, Welltec

In an increasingly cost-conscious environment, this session focuses on how the development of these applications has led to new ways of delivering well solutions. The speakers will present real field problems, both land and offshore, where slickline and wireline applications delivered successful outcomes.

Tuesday, 27 March

1345-1700

Latest Developments in Equipment, Tools, and Materials

Session Chairpersons:

Ian Chapman, ExxonMobil
Greg Gervasio, Baker Hughes

Our industry has continuously found innovative solutions to develop and produce the world's oil and gas resources. The need for new technology and methods to meet the economic and technical challenges presented by increasingly complex and difficult to access reservoirs and well designs has never been more apparent. This session will cover new or recent equipment, tools, and materials developed to meet today's current coiled tubing and well intervention challenges.

Wednesday, 28 March

0830-1145

Improving Operational Efficiency

Session Chairpersons:

Hayes Chow, ConocoPhillips
Scott Quigley, 4 Seasons Technical Services

What does a new dynamic model for optimizing jarring operations have in common with a well completion design that reduces the cost of future CT drilling operations in it? What do refinements in planning and executing plug milling operations have in common with a new downhole mud motor design? They all share the common objective of improving operational efficiency to minimize risk and maximize value. These presentations will illustrate the diverse approaches for achieving this objective.

Wednesday, 28 March

0830-1145

Fracturing and Stimulation

Session Chairpersons:

Brian Perry, Shell
Subhash Shah, University of Oklahoma

In multistage horizontal completions and multilayer vertical completions, it all comes down to efficiency. This session will focus on safely reducing cycle time, downtime, and risk using coiled tubing, frac sleeves, downhole mixing, and mechanical diverters.

Wednesday, 28 March

1345-1700

Unique Coiled Tubing Applications

Session Chairpersons:

Michael Witte, EnCana
Mike Wisniewski, Hunt Oil

Our industry is continually pushing the physical and theoretical limits of technology to new levels. The advances in conventional coiled tubing operations are at the heart of this innovative mindset, however, it is the unconventional and unique uses of this technology that often provide the most impact for a company. This session will discuss innovative coiled tubing applications that ultimately lead to new operational efficiencies.

Wednesday, 28 March

1345-1700

Well Intervention

Session Chairpersons:

Steven Deshotels, National Oilwell Varco
Cindy Taff, Shell E&P

Improve your knowledge on well intervention applications for sand control and water shut off. This session will enhance your understanding of tubing straighteners and coiled tubing fatigue, and will offer GOM technical review on well services and advances in HWO safety.

REGISTRATION

Register by **12 March 2012** and save **USD 100** on full registration at www.spe.org/events/ctwi

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 by 1 March 2012. Registrations received after 1 March 2012 and all exhibitor and international attendee badges 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 12 March 2012. Cancellations made after 12 March will not be refunded. Send cancellation requests by email to registration@spe.org; by fax to +1.866.460.3032 (toll-free US/Canada) or +1.972.852.9292; or by mail to SPE Registration, PO Box 833836, Richardson, TX 75083.

SPE On Demand: SPE On Demand is an online portal to access presentations, digitally recorded and available as audio synchronized to PowerPoint presentations. Following the conference, SPE On Demand will be available complimentary to attendees who paid the full registration fees.

Housing Information: Rooms have been reserved at the Woodlands Waterway Marriott Hotel. Visit www.spe.org/events/ctwi to make your housing arrangements online or call +1.281.367.9797. When calling, please reference "tubtuba" to receive the conference rate. All reservations must be received by 1 March 2012 to be guaranteed at the conference rate.

Travel Directions: The Woodlands Waterway Marriott Hotel is just 27 miles north of downtown Houston and 20 minutes from the George Bush Intercontinental Airport.

From Houston Intercontinental (IAH): *approximately 21 miles*
When exiting from the airport, take the Hardy Toll Road North. This will merge with I-45. Exit at Woodlands Parkway. At the second traffic light, Six Pines Drive, turn right. At the second traffic light, Lake Robbins Drive, turn right. The hotel is on the right.

From Houston/William P. Hobby (HOU): *approximately 45 miles*
When exiting from the airport, follow the signs for I-45 North. Take I-45 North for approximately 35 miles. Exit at Woodlands Parkway. At the second traffic light, Six Pines Drive, turn right. At the second traffic light, Lake Robbins Drive, turn right. The hotel is on the right.

Full Registration All prices listed in US dollars (USD)	By 12 March	After 12 March
SPE/ICoTA Member*	450	600
Nonmember*	600	700
Author/Speaker*	350	350
Spouse**	60	60
Student**	50	50

* Full registration includes technical sessions, receptions, coffee breaks, networking luncheon on exhibit floor, exhibition, and one copy of the Proceedings.

** Spouse and student registration does not include the Proceedings or keynote luncheon. College students must show a valid student ID to register and receive badge on-site.

Luncheon tickets and additional Proceedings may be purchased on-site for an additional fee:

Keynote Speaker Luncheon—USD 45

Proceedings for Members—USD 65

Nonmembers—USD 75

1-Day Registration	By 12 March	After 12 March
SPE/ICoTA Member	350	350
Nonmember	450	450
Author/Speaker	250	250

Training Course Registration

Introduction to Distributed Temperature Sensing (DTS)*	
SPE/ICoTA Member	350
Nonmember	550
Tractor Technologies for Well Interventions*	
SPE/ICoTA Member	350
Nonmember	550
Coiled Tubing and Its Applications	
SPE/ICoTA Member	750
Nonmember	950

* Half-Day Course (includes lunch)

Questions?

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

Sponsors (as of 13 November 2011)

Conference Sponsors



Tuesday Morning
Coffee Break Sponsor

Lanyards Sponsor



EXHIBITOR LISTING (as of 28 November 2011)

Access Downhole LLC	Foremost Industries	ROSEN
Advanced Drilling Technologies LLC	FORTA Corporation–Drilling Prod. Div.	Sanjel U.S.A. Inc.
Aker Well Service Inc.	Forum Energy Technologies	Schlumberger
American Jereh International Corporation	Global Tubing, LLC	Seal-Tite International
Anti-Stall Technology LLC	Hailey Specialty Tools	SERVAgroup
Aradia	ICoTA	Society of Petroleum Engineers
Archer	Inspection Oilfield Services	Stewart & Stevenson
Ashmin LC	Interwell Norway	Surefire USA LLC
Baker Hughes	K Newman Engineering	TAM International
Boots & Coots, a Halliburton service	Kenjer Inc.	TD Tools, Inc.
Coil Tubing Technology, Inc.	L & S Cryogenics, Inc.	Tenaris
CoorsTek Technical Ceramics	Lime Instruments	Thru Tubing Solutions
Crane Works Inc.	M-I SWACO	Total Equipment/C&J Energy Services Inc
CS&P Technologies	National Oilwell Varco	Trinity Tool Rentals LLC
C-Tech Design & Manufacturing	Nexus Engineering & Machine Inc.	Varel International
Cudd Energy Services	Omega Completion Technology	Weatherford
Devin	Power Hydraulics	Well Control School
Dyna-Drill	ProActive Diagnostic Services	Welltec
Dynalloy Industries, Inc.	REEF/A Rockwater Co	Wright's Well Control Services, LLC
Dynamic Solutions Inc.	Robbins & Meyers Energy Service Group	WWT International (formerly Western Well Tool)
EV Offshore	Rolls-Royce	

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