



SPE SUBSEA WELL

**ABANDONMENT** 

WORKSHOP

P. 25

# 



**BOARD OF DIRECTORS** 

SPEGCS.ORG

# CHAIR'S CORNER



**JEANNE PERDUE** 2014-2015 SPE-GCS Chair

Welcome to the new program year for the SPE Gulf Coast Section
– and a new face in the Chair's Corner. I haven't had the chance
to write a regular monthly column for about five years, so I
relish this opportunity to hop up on my soapbox and opine.
I plan to use this bully pulpit to do all kinds of good things: inform,
entertain, motivate, acknowledge, and maybe even inspire.

But first, let me share with you my personal motto: "Learning, Loving, Serving." I figure a life spent doing these three things is a life well spent. The reason I share this with y'all is that this motto fits so well with what SPE is all about.

Learning – SPE provides many ways to learn new things in our industry, from SPE papers and journals, to international and regional conferences and workshops, to local study group luncheons and continuing education classes. Plus, SPE has opportunities for members to help others learn, through Ambassador Lectures to the public, the SPE mentoring program, SPE Student Chapter support, scholarships and internships, and Energy4Me kits for schools. It's always good to learn something new every day, and one of my favorite expressions is: "Knowledge shared is knowledge squared."

Loving – This means treating other people like they are something special and helping them be happy, healthy, and successful. SPE focuses on developing its members, helping them be successful in their careers, not only by teaching them, but through networking. My mom always said: "It's not what you know, it's who you know," and while not grammatically correct, it is spot on in concept. In my 33 years of SPE membership, I have made so many friends that I can hardly get to any SPE papers at the Annual Meeting because I'm so busy catching up with people on the way. And you will notice that I sign my SPE emails and columns "Love, Jeanne" because I really, truly love people.

Serving — SPE offers so many ways to volunteer, even if you're a young, Yankee, female chemist like I was when I joined. And if you keep on volunteering, eventually they'll make you Chair — even if you're not a petroleum engineer and never drilled a well or been to an oilfield in your life. Not only does serving give you experience that you may not get at work, such as running a \$1.5 million organization with 18,000 members, but it brings you immense satisfaction to see the fruits of your labor and see others benefit from them. As with all aspects in life, "The more you put into it, the more you get out of it."

So my "Learning, Loving, Serving" motto dovetails nicely with my theme and goals for the 2014–15 year: "E-N-V = Education, Networking, Volunteering."

#### **EDUCATION**

Increase Study Group attendance and webinars and continuing education classes.

Increase scholarships (both number and amount) and internships.

Provide better Student Chapter support and encourage them to attend Study Groups.

Resurrect the CHASE program at U of H for master math teachers.

#### **NETWORKING**

Launch two new FUNdraisers for scholarships: the OilSim Challenge and the Poker Tournament.

Resurrect the quarterly Membership Networking Events and the Executive Breakfast.

Launch a new Legion of Honor Dinner so YPs can capture and document some of their stories.

Improve the Connect newsletter, the e-Newsletter, social media, and the SPEGCS.org website to communicate better with our members.

#### **VOLUNTEERING**

Create new volunteer positions of Publisher and Sponsorship Chair to offer special packages to companies wishing to support our Section's events and activities.

Update the Section Operations Manual (dated 2003) and consolidate our policies into a nice spreadsheet.

Conduct the biannual financial review and investigate better investment options.

Boost our volunteer recognition programs through awards, publicity, and gifts.

If we can accomplish all these things together, surely we will be the E-N-V (envy) of SPE
Sections around the world! I cordially invite all current and would-be Section volunteers to attend our free Annual Kickoff Meeting on
Friday, August 22, 1–4 pm at the Hilton Houston
Westchase Hotel. Gifts, refreshments, exciting plans, new ideas, networking — what better excuse is there to leave the office early? I hope to see you there!

# CONTENTS







## STUDY GROUPS

7

# Projects Facilities & Construction 08.06.2014

Summer Series: BuoyantTower™

9

# Health Safety & Environment 08.21.2014

Major Capital Projects – Increasing Safety Assurance in Construction, Load out, Transportation, Installation, Hookup and Commissioning

11

# Business Development 8.27.2014

SPE Business Development Study Group and SPE Young Professionals Group: 2014-15 Season Social Kickoff

#### COMMITTEES

13

SPE-GCS 31st Annual Tennis Tournament

11.06.2014 - 11.07.2014

16

2014-2015 SPE-GCS Kick Off Meeting 08.22.2014

17

Young Professionals Volunteering at the Beacon 08.03.2014

### **MORE**

5

Membership Extravaganza 08.28.2014

#### IN EVERY ISSUE

5

SPE-GCS June Membership Report

10

Event Recap Sporting Clays Tournament

26

SPE-GCS Directory

23

SPE Overview of Subsea Well Abandonment Training Course

09.22.2014

25

SPE SUBSEA WELL ABANDONMENT WORKSHOP 09.23.2014 - 09.24.2014

BOARD OF DIRECTORS

MEETING

THURSDAY, AUGUST 14 / 7:30 AM TO 10:30 AM

Location SPE HOUSTON OFFICE

10777 Westheimer Rd., Suite 1075, Houston, TX 77042

**Event Contact SHARON HARRIS** 

713-457-6821 EXT. 821 / 713-779-4216 FAX / sharris@spe.org



# one reliable solution. Entero®MOSAIC™

With over ten years of continuous progress and innovation for corporate reserves and evaluations, Mosaic has the product stability and client responsiveness that E&P companies have come to expect. Discover what it's like to have a system and team you can depend on to achieve your end goal.

- Better Productivity
- Higher Efficiency
- Faster Speed
- Trusted Information



Expect More. Accomplish More. Learn More at www.entero.com/mosaic Contact Jill Wyatt at: (713) 446-4633

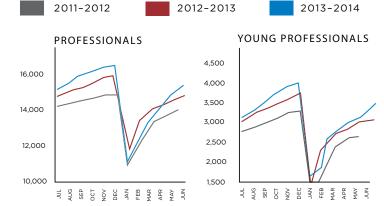
# SPE-GCS MEMBERSHIP REPORT June 2014

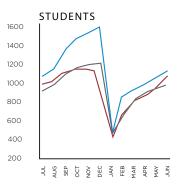
June 2014 TOTAL: 14,789

May 2014

OTAL: **14,789** YP: **3,208**  TOTAL: **14,519** YP: **3,051** 

|                       | JU     | NE     | MAY    |        |
|-----------------------|--------|--------|--------|--------|
| SPE-GCS MEMBERS       | TOTAL  | ΥP     | TOTAL  | ΥP     |
| New Members           | 60     | 26     | 29     | 14     |
| Transfered to Section | 4      | 1      | 1      | N/A    |
| Unpaid                | 3,146  | 1,203  | 3,581  | 1,329  |
|                       |        |        |        |        |
| STUDENT MEMBERS       | PAID   | UNPAID | PAID   | UNPAID |
| Texas A&M             | 734    | 214    | 703    | 234    |
| Rice                  | 38     | 25     | 34     | 26     |
| НСС                   | 50     | 20     | 48     | 20     |
| UH                    | 306    | 177    | 479    | 191    |
| Total                 | 1,128  | 436    | 1,264  | 471    |
| Total Paid/Unpaid     | 15,917 | 3,582  | 15,783 | 4,052  |
| % Paid                | 81.6%  |        | 79.6%  |        |









SPE-GCS

# MEMBERSHIP EXTRAVAGANZA!

THURSDAY, AUGUST 28 6:30 - 9:30 PM

Come join us for a fun evening to help promote SPE membership growth and retention and to foster professional networking. Bowling, billiards, appetizers, and soft drinks included; cash bar available. New, old, transferred, and prospective members are invited.

Location LUCKY STRIKE HOUSTON

1201 San Jacinto, Suite 321 / Houston, TX 77002

Event Contact XUAN VANDEBERG

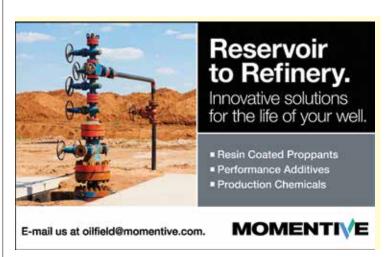
832-444-5143 / STEMfields@gmail.com

\$10 Online Registration / \$15 At Door

Event Sponsor FUGRO

# TEXAS A&M

Congratulations! Texas A&M University Chapter is receiving a Gold Standard Student Chapter Award again this year at the ATCE in Amsterdam.





You have the experience and expertise of the global leader in wellbore intervention on speed dial to solve problems so production can resume.

Call us or visit BakerHughes.com/GOM today for peace of mind tomorrow.



© 2014 Baker Hughes Incorporated. All Rights Reserved. 40430 06/2014



## PROJECTS FACILITIES & CONSTRUCTION

# BuoyantTower™

Session 6 of the Summer Series on "Floating Production Systems" presents the similarities and differences between Spars and the BuoyantTower™ and how each design met the challenges and delivered solutions to the clients.

The Spars have been a deepwater enabling technology in the offshore oil and gas industry. The first drilling and production classic spar, Neptune, was installed in the Gulf of Mexico. The design has evolved from the classic spar, to the truss spar and on to the cell spar, based on the Ed Horton portfolio of intellectual properties.

Today, the same group that brought the spar to market has now developed a self-installing shallow water compliant tower spar as a cost-effective, relocatable enabler, which can be favorably compared to a jacket for production and drilling. Named the BuoyantTower™, the unit is operating today offshore Peru, configured for drilling and production.

#### **GREG NAVARRE**



Mr. Greg Navarre has over 30 years of oil and gas experience. A Marine Engineering and Naval Architecture graduate of the United States Merchant Marine Academy, Greg has extensive experience in the design, engineering, and construction, of gravity-based platforms, jackups and floating drilling facilities.

Mr. Navarre is a member of the Society of Petroleum Engineers, the Marine Technology Society, and the American Association of Drilling Engineers. He holds a U.S.C.G. Unlimited Chief Engineer's License and served for 20 years in the US Naval Reserve, attaining the rank of Lt. Cdr.







Reserves Management System

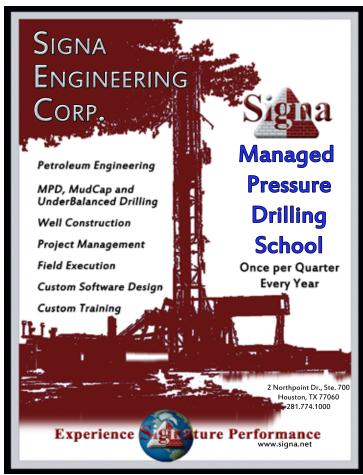
The complete solution for evaluating, managing, and reporting reserves and performance data.

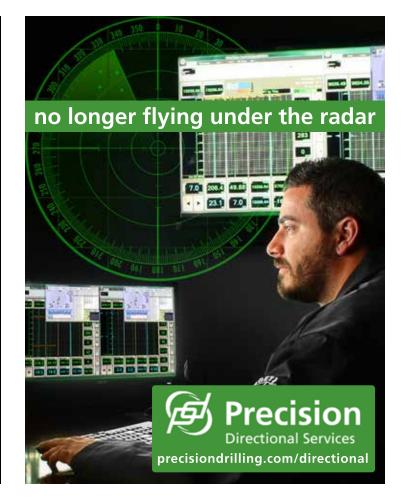
Schedule an Online presentation

TRC Consultants, LC

888-248-8062

www.phdwin.com





## HEALTH SAFETY & ENVIRONMENT

## Major Capital Projects - Increasing Safety Assurance in Construction, Load out, Transportation, Installation, Hookup and Commissioning

The challenges and opportunities facing operators planning Major Capital Projects (MCPs) in today's oil and gas environment include turnkey contracting strategies, global supply chains, evolving technologies, increasingly stringent regulations, competition for scarce resources, and inflationary pressures, to name a few. These factors have the potential to impact personal and process safety performance, directly or indirectly, throughout the project's lifecycle. The implementation of a formal, stage gate project management system and decision quality process is critical in order to alleviate the project risks, assure operational excellence, and improve the constructability, operability and maintainability of the future asset. By way of example, this presentation will dwell on the Execute phase activities of an offshore MCP, from design and engineering to construction, installation, hookup and commissioning.

#### STEVE FRAMPTON



Steve Frampton is the Construction and Commissioning Manager for Marathon Oil's Global Projects Organization. His work experience spans over 30 years in international offshore developments and production operations. Steve joined Marathon Oil in 1981 and supported the design, engineering, construction, offshore hookup and commissioning of the three Brae North Sea platform complexes (5 years each), enabling an initial production rate of around 100k

BOPD from each platform. From the North Sea, Steve joined the design team in Houston for the Sakhalin 2 project (100k BPD) before relocating to South Korea for the construction and onshore commissioning phase. Steve eventually served as the Offshore Installation Manager on Sakhalin 2. Steve's next project in Equatorial Guinea involved the management of construction activities of the Marathon Equatorial Guinea Production Ltd (MEGPL) onshore gas facility (950 MMSCFD/70k BPD) on Bioko Island in Malabo. At the end of the construction phase, he stayed with the project, becoming the Operations Superintendent. In 2006, Steve relocated to Gabon as Operations Manager for Marathon's Tchatamba offshore assets. In 2010, he joined the Marathon Norway Operations group for a short time before moving back to Houston. In the last four years, Steve has been working on new projects for Kurdistan and Equatorial Guinea. His current assignment is the new Alba Compression Platform (950 MMCFD), offshore Bioko Island, which will be field-commissioned in 2016.

Steve graduated with a BSc. (Hons.) in Mechanical Engineering from Lanchester Polytechnic, Coventry and completed an indentured apprenticeship with Rolls Royce Limited (Aero division) in the UK.





# **EVENT INFO**

Thursday **8.21.14** 

11:00 AM TO 1:00 PM

#### **SPEAKER**

Steve Frampton
Major Projects - Construction
and Commissioning Manager
Marathon Oil Company

#### LOCATION

Petroleum Club of Houston 800 Bell St Houston, TX 77401

#### **EVENT CONTACT**

Trey Shaffer 832-209-8790 trey.shaffer@erm.com

**MEMBERS** 

\$40

NON-MEMBERS \$50









## BUSINESS DEVELOPMENT

# Business Development and Young Professionals: 2014-15 Season Social Kickoff

The SPE Business Development Study Group and SPE Young Professionals Group are kicking off the 2014–15 season with a second annual joint social at Sambuca Restaurant downtown. Come out and hear what the groups have planned for the season. In addition to enjoying great food and company, we will be soliciting mentors and mentees to be a part of the SPE mentoring program. Whether you are starting off in the industry or are an experienced professional, this event is a chance to network with a diverse group in A&D, finance, engineering, geoscience and land.

This event is \$10 and is limited to the first 200 registered guests so register now to reserve your place. The registration fee includes food and entertainment. We hope to see you there!

#### **SPE BD SEASON PASS**

Don't forget to lock in savings and be automatically pre-registered for all nine 2014-2015 events, INCLUDING the Kickoff Social. Simply utilize the link below to a "faux" meeting and register as you would normally....and you are in for the entire season!

http://www.spegcs.org/events/2593/







# EVENT INFO

Wednesday **8.27.14** 

5:00 PM TO 7:30 PM

#### STUDY GROUPS

SPE Business Development Study Group and SPE Young Professionals Group

#### **LOCATION**

Sambuca Restaurant 909 Texas Ave Houston, TX 77002

# EVENT CONTACT

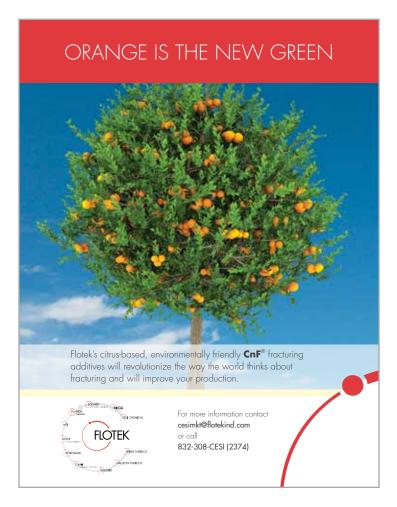
Connie Lin and Vivek Ghosh Connie: 713-485-2295 Vivek: 832-794-6579 conli@statoil.com Vivek.Ghosh@shell.com

#### **MEMBERS & NON-MEMBERS**

\$10 Limited to first 200 Pre-Registrants







www.commanderdrilling.com

# **SPE-GCS 31st Annual Tennis Tournament**

The 31st Annual Society of Petroleum Engineers Gulf Coast Section Tennis Tournament will be held on Thursday, November 6th & Friday, November 7th at The Houston Racquet Club located at 10709 Memorial Drive in Houston, Texas. Proceeds from the tournament benefit the SPE-GCS Scholarship Fund. In combination with other section functions, there have been 33 new scholarships for incoming college freshman studying petroleum engineering, math and sciences, and 70 renewed scholarships which include sophomores, juniors and seniors for their continued education in petroleum engineering. More than \$3 million dollars in scholarships have been awarded since 1963 to students through this program.

In 2013, we had a very successful tournament with over 115 players participating. Registrations and sponsorships raised \$55,000 in revenue. After tournament expenses, net proceeds of over \$39,600 dollars were contributed to the SPE-GCS Scholarship Fund.

Sponsors are a welcome and an essential part of making this event a success. All sponsors will be recognized in the tournament program and on the sponsorship billboard that is exhibited throughout the tournament. Please see the Sponsor Form for sponsorship levels. In-kind donations for ditty bags and door prizes are also accepted.

On behalf of the entire 2014 SPE-GCS Tennis Committee, we look forward to seeing everyone for two fun-filled days of tennis!

#### **QUESTIONS**

#### James Jackson

713-702-6795 James.Jackson @Halliburton.com

#### **LOCATION**

#### The Houston Racquet Club

10709 Memorial Drive Houston, TX 77024 713-464-4811 houstonracquetclub.com

#### **START TIMES**

#### **Mixed Doubles**

Begins Thursday November 6th - 6:00 PM

#### **Tournament Doubles**

Begins Friday November 7th - 9:00 AM

#### **DEADLINE**

#### October 31, 2014

Participation is limited! Entries accepted on a first-come, first-served basis.

## Thursday / Friday

# November 6 - 7

#### **EVENT INFORMATION**

There will be two flighted round robin events:

Mixed Doubles - Thursday evening, November 6th
Tournament Doubles - Friday, November 7th

The tournament doubles event is open to men and women and is a combined bracket.

Partners may be of the same gender or mixed.

The committee will assist players who do not have a partner for any event.

#### **FLIGHTING**

Championship - Advanced Players

- A Regular & Advanced Players
- **B** Intermediate Players
- C Non-regular Players & Beginners

The SPE-GCS Tennis Committee reserves the right to allocate players to a different flight if necessary. Please rank yourself on the honor system.

#### WHAT TO EXPECT

Lots of tennis, meeting old friends and making new ones. Door prizes, T-shirts, awards, meals and beverages.

Thursday – Light dinner
Friday – Breakfast, lunch and snacks
Hit & Grab – Friday after lunch
Award presentations, door prizes &
heavy appetizers – late Friday afternoon ~ 4PM

#### **RULES OF ENTRY**

The event is open to members, nonmembers, guests, and friends of SPE. The only restriction is that tennis professionals are not allowed.

#### REGISTRATION

Thursday, November 6th - 4:00 - 6:00 PM Friday, November 7th - 8:30 - 9:00 AM

#### **IMPORTANT NOTICE**

All paid participants must wear their "Name Tags" during this event to have access to the food and drinks

#### **ENTRY FEE INFORMATION**

\$125.00 Per person – Fee covers Tournament and Mixed Doubles for an individual player.
\$50.00 for those only playing Mixed Doubles.
\$25.00 – Spouse/Guest (Not Playing)
Fees are due with entry form.

Entry Form can be found on page 14



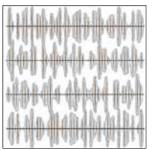
# **SPE-GCS 31st Annual Tennis Tournament**

ENTRY DEADLINE FRIDAY, OCTOBER 31, 2014

| Name   |  |  |  |
|--|--|--|--|
| GenderCompany  |  |  |  |
| Address  |  |  |  |
| City   | StateZip   |  |  |
| PhoneEmail   |  |  |  |
| PLAYERS (1 entry form per player)  | SPONSORS   |  |  |
| TOURNAMENT DOUBLES \$125 per person MIXED DOUBLES ONLY \$50 per person SPOUSE/GUEST/SPEAKER \$25 per person  YOUR RANK: Championship A B C YOUR T-SHIRT SIZE: S M L XL XL  FRIDAY TOURNAMENT DOUBLES | Sponsors are a welcome and essential part of making this event a success. In recognition of their support, sponsors will be identified with special signage and privileges. 100% of the net proceeds raised by the tournament will be applied toward scholarships for the Society of Petroleum Engineers Gulf Coast Section College Scholarship Fund. All sponsors will have their company name on the tournament sponsor board and recognized in the tournament program according to sponsorship levels. Levels of available sponsorships are listed in the table below along with the number of players your company is entitled to register as part of your sponsorship. Separate entry forms are required for each player. |  |  |
| ARE YOU PLAYING TOURNAMENT DOUBLES?  ☐ Yes ☐ No  | ☐ PLATINUM SPONSOR \$5,000 (Entitled to register 8 tournament players)   |  |  |
| PARTNER'S NAME:  | GOLD SPONSOR \$2,500  (Entitled to register 4 tournament players)  |  |  |
| PARTNER'S RANK: ☐ Championship ☐ A ☐ B ☐ C  DO YOU NEED A PARTNER? ☐ Yes ☐ No  | □ SILVER SPONSOR \$1,500 (Entitled to register 3 tournament players)   |  |  |
| THURSDAY MIXED DOUBLES  ARE YOU PLAYING IN MIXED DOUBLES?  Yes No  (Additional \$50 if Mixed doubles partner is not playing in Tournament Doubles.  \$50 MIXED ONLY)                                 | □ BRONZE SPONSOR \$1,000 (Entitled to register 2 tournament players) □ COURT SPONSOR \$500   |  |  |
| PARTNER'S NAME:  | (Entitled to register 1 tournament player)  SPE-GCS also appreciates in-kind donations such as door prizes, gift certificates, ditty bag items, tennis balls, etc.   |  |  |
| METHOD OF PAYMENT  CHECK VISA MC AMEX DISC   | gue securedad, and bag terms, terms bans, etc.   |  |  |
| Card Number  | Expiration Date  |  |  |
| Name as it appears on card   | Email Address  |  |  |
| Name of sponsoring company (If being sponsored)  | Email Address  |  |  |
| Amount Enclosed/Amount to Charge (Make checks payable to SPE-GCS T   | Cennis   |  |  |

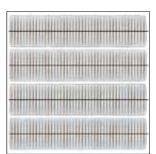
# **ProTechnics Optimize Production** After Frac Profile Technology The industry's first after frac flow profile technology that simultaneously evaluates both frac clean-up and hydrocarbon production over time, providing critical information: Simultaneously Zonal Flowback Indexing Hydrocarbon Production to Geologic Horizons Evaluating Production Over Time Well Spacing Issues From initial program design through analysis we will be there every step of the way lending the benefit of more than 200 years of Completion and Reservoir Engineering experience to your project, ensuring you get timely and accurate results. For more information about FlowProfiler, go to www.corelab.com/protechnics or give us a call at 713-328-2320

The most efficient field frac network starts with predictable frac spacing and predictable frac volume.



**Maximize Production** 

+++Increase Revenue



Plug-and perf cannot deliver predictable, consistent frac results, and neither can open-hole completions. With Multistage Unlimited single-point injection, fracs initiate right where you plan them and proppant volume in every frac is exactly what you want. The result: an efficient field frac network for maximum reservoir connectivity.



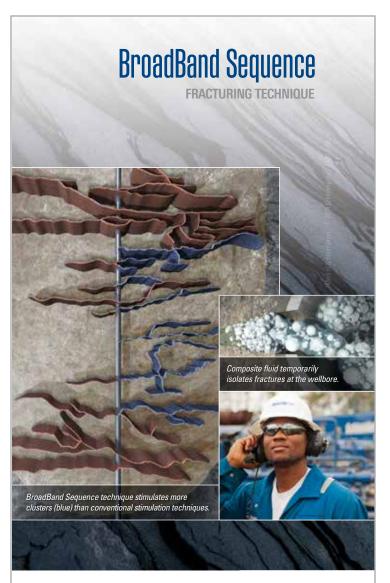
ncsfrac.com +1 281.453.2222 info@ncsfrac.com



©2014, NCS Energy Services, LLC. All rights reserved. Multistage Unlimited and "Leave nothing behind."

are trademarks of NCS Energy Services, LLC. Patents pending.





# Marathon Oil increases productivity in Eagle Ford Shale well by 21%.

The BroadBand Sequence\* fracturing technique effectively stimulated perforation clusters that would not have produced by conventional techniques. Enabled by a proprietary engineered composite fluid of degradable particles and fibers, the BroadBand Sequence technique increased production by 21% over 115 days.

Read the case study at slb com/BroadBand

**Schlumberger** 

# 2014-2015 SPE Gulf Coast Section Kickoff

Our 2014-2015 SPE Gulf Coast Section Kickoff meeting will be held on Friday, August 22, 2014 at the Hilton Houston Westchase. This is an important opportunity to share contacts and best practices among our member volunteers and to learn from each other.

The "State of the Section" report will be given from 1-3 pm. Following that, special training will be held for the 2014-15 SPE-GCS Committee and Study Group Chairs, Vice-Chairs, Program Chairs, Publicity Chairs, Treasurers, and New Volunteers from 3 - 4 PM.

Please plan on joining us if possible. Everyone is welcome, and attendance is free of charge. Make sure to register as soon as possible so that we may arrange for participant materials and refreshments for all.

Here is a wonderful chance to learn about the SPE Gulf Coast Section activities for all of those who want to be involved and become contributors!

#### **EVENT INFO**

#### FRIDAY

8.22

1:00 PM TO 4:00 PM

#### LOCATION

Hilton Houston Westchase 9999 Westheimer Houston, TX 77042

#### EVENT CONTACT

Kathy MacLennan 713-457-6813 kmaclennan @spe.org



# Innovative Custom-Engineered Drilling and Completion Solutions

A Reason Industries Company

Serving the Oil and Gas Industry Since 1917

Tel: 713-729-2110 Fax: 713-728-4767 www.tiwtools.com

# SPE Young Professionals - Volunteering at The Beacon

Please join SPE-GCS Young Professionals in their support of The Beacon, a nonprofit organization helping the poor and homeless populations of the Houston area. Since opening in 2007, The Beacon has grown from serving 80 clients per day to serving 600-800 clients daily in four core programs: The Beacon Day Center, Cathedral Clinic at The Beacon, Brigid's Hope at The Beacon, and Cathedral Justice Project at The Beacon. These four programs come together under one roof to provide meals, showers, laundry service, case management, medical and psychiatric care, pro bono legal services and pastoral care.

More than 85% of the services at The Beacon are operated by volunteers. On August 3rd, it'll be the SPE-GCS Young Professionals that answer the call to service. Please come and bring friends or family. For questions or inquiries, please contact Catalina Leal at Catalina.Leal@bakerhughes.com. To learn more about The Beacon, please visit www.Beaconhomeless.org.

#### **EVENT INFO**

SUNDAY

8.03

10:45 AM TO 2:00 PM

#### LOCATION

The Beacon John S. Dunn Outreach Center 1212 Prairie Street Houston, Texas 77002

#### **ORGANIZER**

Catalina Leal

#### **MORE**

Free parking is available at 500 San Jacinto Street



# A Better Way to Frac

Take a look at the Binder MM Hybrid Frac Polymers...Field tested with Excellent Results

| Feature                            | MM 200                  | Slickwater FR | Guar      | MM 301        |
|------------------------------------|-------------------------|---------------|-----------|---------------|
| Drag Reduction Dose <sup>(1)</sup> | <0.2 gpt <sup>(2)</sup> | 0.6 gpt       | NA        | <0.2 gpt      |
| Sand Suspension Dose               | 3-5 gpt                 | NA            | 6-9 gpt   | 3-5 gpt       |
| Sand Loading/Stage <sup>(3)</sup>  | 120-140%                | None          | 100%(3)   | 120-150%      |
| Divalent/TDS <sup>(4)</sup>        | Up to 10% TDS           | Varied        | Low       | Unlimited     |
| Crosslinkable <sup>(5)</sup>       | Yes                     | No            | Yes       | Yes           |
| Temperature Stability              | 275 F                   | 275 F         | 200 F     | 300 F         |
| Return Flow                        | Excellent               | Good          | Okay      | Excellent     |
| Shale Stability                    | Excellent               | Good          | Okay      | Excellent     |
| Other Chemicals <sup>(5)</sup>     | None Required           | None Required | Multiple  | None Required |
| Truckload Lead Time                | Immediate               | 60 days       | Immediate | Immediate     |

(1) Dose at 67+ percent drag reduction; (2) Instantaneous drag reduction 40% better than standard FR's at one-third the dosage; (3) 100% for guar as reference value; (4) Including salts, acids, bases, crosslinker, shale stabilizers, etc.- excellent for coil; (5) Any breaker except sodium bromate.

9391 Grogans Mill Road, Suite A-1 The Woodlands, TX 77380



(281) 419-9047 office (281) 362-5612 fax



An environmentally friendly biocide with 1,450 ppm FACs. ENVIROLYTE biocide offers you a safe, biodegradable

alternative to toxic biocides for controlling bacteria in crude oil production and processing.

- 1,450 ppm free available chlorine and neutral 6.5 pH
- Can treat produced water before reuse
- Clears well of downhole micro-organisms
- Protects production equipment
- Eliminates microbial-induced corrosion

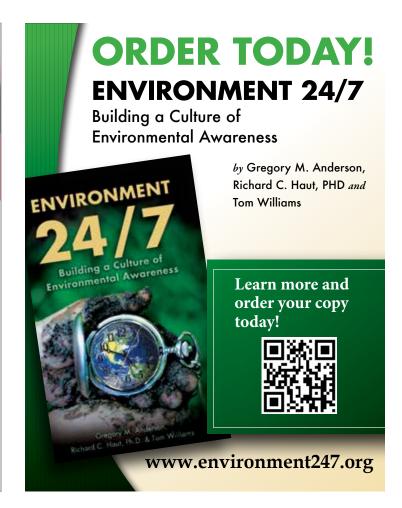
#### SAFE FOR PEOPLE. GOOD FOR PRODUCTION.



Find out more at www.universalbacteria.com or call 281.342.9555

E.P.A. Reg. No. 87636-2

© 2014 Universal Bacteria Specialist (UCS1405/0614)



#### SPE GCS CONNECT

## EVENT

# RECAP

The 2014 SPE Sporting Clays Tournament was a great success with 120 teams participating. The event raised over \$50,000 for the SPE and Bright Light foundation. The new Cook Off Challenge met with rave reviews with Weatherford and Extreme Energy placing first and second. Plan to cook next year! Matt Jenkins, Noble Energy was the golf cart winner - Thanks Schlumberger. The winners this year received beautiful belt buckles - Thanks Boots & Coots. Last but not least I want to thank all the volunteers and committee members and the great sponsors that make this great event successful each and every year. See you in June 2015 - Paul Conover





















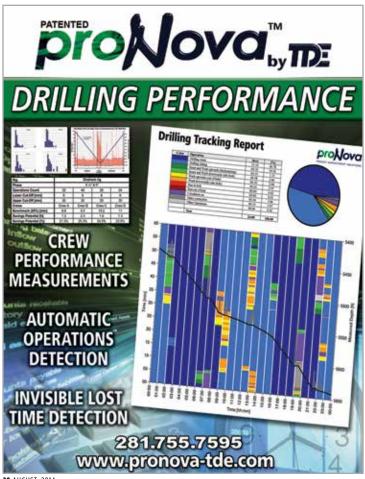
















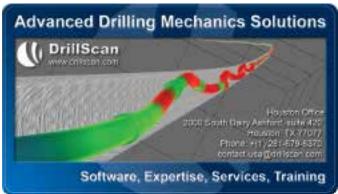
### Integrated Energy Services ,Inc.

Robert Barba Petrophysicist Log Analysis Completion Optimization

> 500 N. Capital of TX Hwy Building 4-150 Austin, TX 78746 C: (713) 823-8602 F: (713) 583-9400 RBarba75@gmail.com

www.integrated-energy-services.com







## **Deepwater Drilling Training**

John Shaughnessy – SPE member – presents learnings from 36 years of experience: equipment, procedures, potential problems. Classes -

Deepwater Drilling: 5 days

Accelerated Deepwater Drilling: 2 Days

HTHP Drilling: 3 Days Basic Drilling: 1 Day

Customized and In-House Classes Available
Class details at shaughnessydrillingtraining.com

# PROFESSIONAL REGISTRATION REVIEW COURSES FOR PETROLEUM ENGINEERING

The Courses covers topics on the Texas State Board Petroleum Engineering Professional Examination.

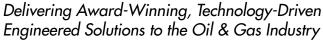
HOUSTON COURSES: (8:00 AM - 5:00 PM) I August 18 thru 22, 2014 II October 6 thru 10, 2014

P: 405-822-6761 | E: bingwines@cox.net winrockengineeringinc.com

DIRECTIONAL AND HORIZONTAL DRILLING SPECIALISTS









# World-Class Completions & Production Solutions

- Completion Fluids Products/Services
- Well Testing Equipment/Services
- Fluids Management



© 2014 TETRA and the TETRA logo are registered trademarks of TETRA Technologies, Inc. All rights reserved.

tetratec.com



# **SPE Overview of Subsea Well Abandonment Training Course**

This training course will provide a high-level overview of how to perform subsea well abandonments. It will take the learner step by step through the regulations, guidelines and different subsea well tree configurations; review vessels and riser systems available to safely conduct subsea well abandonment operations; and discuss lower and upper wellbore abandonment best practices, different deployment methods and downhole tool selections.

#### **COURSE OBJECTIVES:**

- Understand the plug and abandonment guidelines for subsea wells
- Review the different floating vessels and riser systems available for subsea intervention
- Step by step understanding of subsea Well Plug & Abandonment methodology
- Understand the limitations of today's technologies

# BART JOPPE, GLOBAL BUSINESS DEVELOPMENT MANAGER FOR WELL PLUG & ABANDONMENT, BAKER HUGHES

Bart Joppe is global business development manager for well plug & abandonment at Baker Hughes in Houston. He is responsible for technical, commercial and operational support for the company's well abandonment services. In his 16 years with Baker Hughes, Joppe has performed operational, technical sales and business development roles in Europe, the USA and the Middle East. His technical expertise includes fishing and milling services, thru-tubing intervention and wellbore isolation. He has served as a project manager for new technology development and as an instructor for wellbore intervention training programs.

# DARIN HILTON, COMMERCIAL MANAGER FOR WELL OPS US HELIX ENERGY SOLUTIONS GROUP

Darin Hilton currently serves as commercial manager for well ops US and has worked for Helix Energy Solutions Group for over 5 years. He has over 18 years of experience in the offshore industry. Hilton earned his BS in nautical science with a minor in marine engineering from Maine Maritime Academy. He holds a USCG Master Unlimited Tonnage license with OIM unrestricted endorsement.

#### EVENT INFO

MONDAY

09.22

8:00 AM TO 5:00 PM

**MEMBERS** \$750

NON-MEMBERS \$950

#### **EVENT CONTACT**

Amy Chao, SPEI 972-952-9331 achao@spe.org

#### LOCATION

Houstonian Hotel 111 North Post Oak Houston, TX 77024













#### SPEI

# SPE SUBSEA WELL ABANDONMENT WORKSHOP

## TUESDAY - WEDNESDAY SEPTEMBER 23-24 7:00 AM - 4:00 PM

The permanent abandonment of subsea oil and gas wells around the world represents an increasingly significant challenge and liability for the E&P industry. Historically, wells have been designed, constructed and operated using methods, techniques and materials suitable for long-term production, with less emphasis and forethought to well abandonment operations.

This SPE workshop will be an open venue to discuss and learn about the technical, operational and liability challenges faced by the industry. As an informal gathering of operators, service providers and regulators, this workshop will provide a unique opportunity for the exchange of information, ideas and solutions that may be applicable today.

#### Location THE HOUSTONIAN HOTEL

111 North Post Oak Lane, Houston, TX 77024

Event Contact AMY CHAO, SPEI

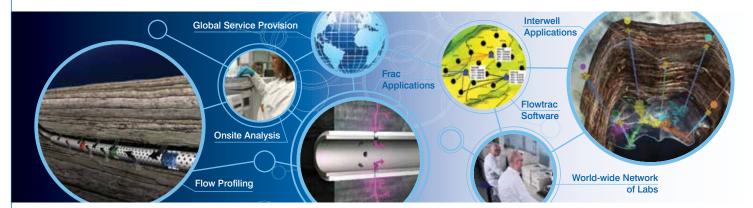
972-952-9331 / achao@spe.org

MEMBERS \$825 UNTIL AUG 22, THEN \$925 NON-MEMBERS \$1,025 UNTIL AUG 22, THEN \$1,125

# Know Production. No Surprises.



Providing Insight Onsite



#### Reservoir Characterisation Using Tracer Technology

- Expertise in waterflood, injection gas, CO<sub>2</sub> and EOR chemical tracer applications
- Long term wellbore fluid inflow characterisation using no wires, fibres or well intervention
- Unconventional stage production measurement using Tracerco patented technology
- Global network of laboratories and operational capabilities providing local service provision to key oil and gas regions

Tracerco, 4106 New West Drive, Pasadena TX 77507 USA Tel: +1 281 291 7769 Toll Free: 1 800 288 8970

www.tracerco.com/reservoir-characterisation



#### SPE GULF COAST SECTION

# DIRECTORY

#### YOUR GUIDE TO YOUR ORGANIZATION LEADERS

#### Gulf Coast Section Officers - 2014-2015

#### CHAIR

Jeanne Perdue, Occidental 713-215-7348 jeanne perdue@oxy.com

#### **VICE CHAIR**

Ivor Ellul, RPS Knowledge Reservoir 713-595-5100 iellul@knowledge-reservoir.com

#### **SECRETARY**

Sunil Lakshminarayanan, Weatherford 713-849-1861 sunil.lakshminarayanan@weatherford.com

#### **TREASURER**

Lucy King, Miller & Lents 713-308-0343 lking@millerandlents.com

#### **VICE TREASURER**

Alex McCoy, Occidental 713-366-5653 alexander\_mccoy@oxy.com

#### **CAREER MANAGEMENT**

Patty Davis, PetroSkills 832-426-1203 patty.davis@petroskills.com

#### **COMMUNICATIONS**

Subash Kannan, Anadarko 832-636-7679 subash.kannan@anadarko.com

#### **COMMUNITY SERVICES**

Amy Timmons, Weatherford 713-836-6563 amy.timmons@weatherford.com

#### **EDUCATION**

Gabrielle Guerre, Ryder Scott 713-750-5491 gabrielle\_guerre@ryderscott.com

#### **MEMBERSHIP**

Xuan VandeBerg 832-444-5143 stem.fields@gmail.com

#### **PAST CHAIR**

Mike Strathman, Trinity Group 713-614-6227 mike-strathman@att.net

#### **PROGRAMS**

David Tumino, Murphy Oil 281-717-5123 tuminospe@hal-pc.org

#### **SOCIAL ACTIVITIES**

Jim Sheridan, Baker Hughes 281-432-9209 jim.sheridan@bakerhughes.com

#### **TECHNOLOGY TRANSFER**

Carol Piovesan, APO Offshore 281-282-9291 cpiovesan@apooffshore.com

#### YOUNG PROFESSIONALS

Pavitra Timbalia, ExxonMobil 832-624-0505 pavitra.a.timbalia@exxonmobil.com

#### **DIRECTORS 2013-15**

Trey Shaffer, ERM 281-600-1016 trey.shaffer@erm.com

John Lee, Univ. of Houston 713-743-4877 wilee3@uh.edu

\_\_\_\_\_

Deepak Gala, Shell

281-544-2181 deepak.gala@shell.com

#### **DIRECTORS 2014-16**

Jenny Cronlund, BP Exploration 281-366-8966 jenny.cronlund@bp.com

Torrance Haggerty, Battelle Memorial Inst. 713-260-9640

haggertyt@battelle.org

\_\_\_\_\_

Eric Kocian, ExxonMobil 713-656-4271 eric.m.kocian@exxonmobil.com

# SPE GULF COAST NORTH AMERICA REGIONAL DIRECTOR

Bryant Mueller, Halliburton 281-818-5522 bryant.mueller@halliburton.com

#### **Committee Chairs**

#### **AWARDS**

Jeremy Viscomi, Petroleum Technology Transfer Council 785-864-7396 jviscomi@pttc.org

#### **CONTINUING EDUCATION**

Nii Ahele Nunoo, NOV 507-304 5416 Nii.Nunoo@nov.com

#### **ESP WORKSHOP**

Noel Putscher, Newfield 281-674-2871 nputscher@newfield.com

#### **GOLF CO-CHAIRS**

Cameron Conway, KB Machine 281-217-0660 cconway@kb-machine.com

\_\_\_\_\_

Robin Smith, Insight Investments 713-907-1694 rsmith@insightinvestments.com

#### INTERNSHIPS

Gabrielle Guerre, Ryder Scott 713-750-5491 gabrielle guerre@ryderscott.com

#### **NEWSLETTER**

John Jackson, Unimin Energy 713-998-3121 editor@spegcs.org

#### **SCHOLARSHIP**

Tanhee Galindo, Catalyst Oilfield Services 832-693-9010 gcs-scholarship@spemail.org

#### **SPORTING CLAYS**

Paul Conover, NOV 713-346-7482 paul.conover@natoil.com

#### **TECHNOLOGY TRANSFER**

Carol Piovesan,
APO Offshore
949-232-6353
cpiovesan@apooffshore.com

#### **TENNIS**

James Jackson, Halliburton 713-366-5704 james.jackson@halliburton.com

#### **WEB TECHNOLOGY**

Shivkumar Patil, Aker Solutions 713-369-5352 Shivkumar.Patil@akersolutions.com

#### **SECTION MANAGER**

Kathy MacLennan, SPE-GCS 713-779-9595 x 813 kmaclennan@spe.org

#### **Study Group Chairs**

#### **BUSINESS DEVELOPMENT**

Steve Mullican, Grenadier Energy Partners 281-907-4120 smullican@grenadierenergy.com

#### **COMPLETIONS & PRODUCTION**

Mark Chapman, CARBO Ceramics 281-921-6522 mark.chapman@carboceramics.com

#### **DIGITAL ENERGY**

Rick Morneau, Morneau Consulting 281-315-9395 RickMorneau@outlook.com

#### DRILLING

Ernie Prochaska, NOV Downhole 832-714-3842 ernie.prochaska@nov.com

#### **GENERAL MEETING**

Raja Chakraborty, Shell 281-544-2148 Raja.Chakraborty@shell.com

#### HEALTH, SAFETY, SECURITY, ENVIRONMENT AND SOCIAL RESPONSIBILITY

Trey Shaffer, ERM 281-600-1016 trey.shaffer@erm.com

#### INTERNATIONAL

Owen Jones, ExxonMobil
Development Company
832-624-2019
owen.jones@exxonmobil.com

#### **NORTHSIDE**

Robert Estes, Baker Hughes 713-879-4414 robert.estes@bakerhughes.com

#### **PERMIAN BASIN**

Amy Timmons, Weatherford 713-836-6563 amy.timmons@weatherford.com

#### **PETRO-TECH**

Jessica Morgan, Blackstone Minerals 713-929-1633 imorgan@blackstoneminerals.com

# PROJECTS, FACILITIES, CONSTRUCTION

Chris Shaw, Shell 281-544-6796 C.Shaw@shell.com

#### **RESEARCH & DEVELOPMENT**

Skip Davis, Technology Intermediaries 281-359-8556 skdavis@technologyintermediaries.com

#### **RESERVOIR**

Rafael Barroeta, Occidental 713-366-5356 rafael barreta@oxy.com

# WATER & WASTE MANAGEMENT

Kira Jones, Consultant kirarjones@gmail.com

#### **WESTSIDE**

Sandeep Pedam, ConocoPhillips (832) 486-2315 sandeep.pedam@conocophillips.com

# CONNECT

#### INFORMATION

NEWSLETTER COMMITTEE

#### CHAIRMAN | John Jackson

editor@spegcs.org

#### AD SALES | Pat Stone

starlite1@sbcglobal.net

**BOARD LIAISON | Subash Kannan** 

#### NEWSLETTER DESIGN | DesignGood

designgoodstudio.com

SPE HOUSTON OFFICE

#### **GULF COAST SECTION MANAGER**

Kathy MacLennan | kmaclennan@spe.org

#### GCS ADMINISTRATIVE ASSISTANT

Sharon Harris | sharris@spe.org

#### **HOURS & LOCATION**

10777 Westheimer Road, Suite 1075 Houston, Texas 77042 P 713-779-9595 | F 713-779-4216 Monday - Friday 8:30 a.m. to 5:00 p.m.

#### PHOTO SUBMISSIONS

We are looking for member photos to feaure on the cover of upcoming issues! Photos must be at least 9" by 12" at 300 DPI. Email your high resolution picture submissions to: editor@spegcs.org

#### CHANGE OF ADDRESS

To report a change of address contact:
Society of Petroleum Engineers
Member Services Dept.
P.O. Box 833836
Richardson, Texas 75083-3836
1.800.456.6863 | service@spe.org

#### CONTACT

For comments, contributions, or delivery problems, contact editor@spegcs.org.



Why can Weatherford deliver more real time data at the wellsite than any other mudlogging company?



EXCELLENCE FROM THE GROUND UP™

SURFACE LOGGING SYSTEMS

www.weatherford.com/surfacelogging mudlogging.services@weatherford.com Our Global Operations Manager for Surface Logging Systems, Tim, is all smiles these days. That's because he and his team recently designed a new state-of-the-art mudlogging cabin. The spacious interior makes room for more laboratory services at the wellsite. Now exploration companies have access to more data in real time, so they can make better decisions faster. It's one more way Weatherford Mudlogging is committed to Excellence from the Ground Up.





NON-PROFIT ORGANIZATION U.S. POSTAGE PAID PERMIT NO. 6476 HOUSTON, TX

# SOCIETY OF PETROLEUM ENGINEERS GULF COAST SECTION

10777 Westheimer Road Suite 1075 Houston, TX 77042

# August 2014 — CALENDAR

| SUNDAY                                 | MONDAY                      | TUESDAY | WEDNESDAY  | THURSDAY                       | FRIDAY                         | SATURDAY |
|--|-----------------------------|---------|--|--------------------------------|--------------------------------|----------|
|  |                             |         |  |                                |                                |          |
|  |                             |         | _  |                                | 1                              | 2        |
| Young Professionals<br>Volunteer Event |                             |         | Projects, Facilities &<br>Construction Session 6 |                                |                                |          |
| 3                                      | 4                           | 5       | 6  | 7                              | 8                              | 9        |
|  |                             |         |  | Board of Directors             |                                |          |
|  |                             |         |  |                                |                                |          |
| 10                                     | 11                          | 12      | 13   | 14                             | 15                             | 16       |
|  | Water & Waste<br>Management |         |  | Health Safety &<br>Environment | Board of Directors<br>Kick-Off |          |
| 17                                     | 18                          | 19      | 20   | 21                             | 22                             | 23       |
|  |                             | ·       | Business Development                             | Membership<br>Extravaganza     |                                |          |
|  |                             |         |  |                                |                                |          |
| 24                                     | 25                          | 26      | 27   | 28                             | 29                             | 30       |