Welcome to the New SPE-GCS Connect

P. 4

BOARD OF DIRECTORS
2012-2013 KICKOFF SPE GULF COAST SECTION

P. 10

COMMUNITY SERVICE PROGRAMS
Energy Day & Rebuild Together Houston

YOUNG PROFESSIONALS COMMITTEE
Call for Volunteers

Teach an Apprenticeship
Citizen Schools

SPEGCS.ORG
It is a privilege and a great honor to serve as your chairman of the Gulf Coast Section. As we begin the 2012-2013 program year, a special thank you goes out to our outgoing officers, directors and committee chairs: Hiep Yu (Chairman), Mark Peavy (Past-Chairman), David Tumino (Treasurer), Chris Reinovold (Director-At-Large), Kim Tran (Director-At-Large), Andrea Hersey (Young Professionals) and Rey Sahuldeas (Education Coordinator).

We hope you enjoy the new layout of the SPE-GCS Newsletter. Kim Tran (Newsletter) leads the effort to bring a fresh look to our newsletter. The SPE-GCS website also undergoes an update and renovation. Valerie Martone (Communications) interfaces with our webmaster team to implement our new website.

Welcome to our incoming officers: Mike Strathman (Vice-Chairman), Rob Braunt (Vice-Treasurer), Lucy King (Secretary), Sandeep Pedam (Young Professionals) and Gabrielle Guerre (Education Coordinator). Welcome to new board members: Wolfgang Deep (Director-At-Large), Alex McCoy (Director-At-Large) and Kevin Renfro (Director-At-Large).

I am grateful for all that the Society of Petroleum Engineers continues to offer to its members, to the energy industry and to society. Our success depends on the creativity and dedication of members who are proud to belong to the Society of Petroleum Engineers and who are eager to enhance its offerings and accomplishments. SPE offers you professional opportunities, support, and assistance and you, in turn, can participate in serving SPE-GCS and its mission:

“Providing forums that afford members the opportunity to upgrade and maintain professional competence. Providing social interaction that increases member participation in Section activities as a whole, while striving to maintain the integrity of the Section. Supporting programs in area primary and secondary schools to encourage students to develop their abilities in mathematics, science and engineering. Supporting engineering programs at the university level. Enhancing the image of Oil and Gas industry by sponsoring community service programs.”

In the 2011-2012 program year, our section conducted over 100 technical events and awarded scholarships to more than 75 students. Community service programs contributed over 400 section volunteer hours on more than a dozen projects. I call on you to actively participate in our section committee activities, study group programs and community activities. The SPE-GCS Kick-Off meeting will open the 2012-2013 program year on Friday, August 17 at 1:00 PM. Join us at the Hilton Houston Westchase.

We are looking for member photos for upcoming issues! Email your high resolution pictures to: editor@spegcs.org

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

The SPE Gulf Coast Section newsletter is published eleven times each program year and is mailed to more than 15,000 SPE members in Houston.

SPE Houston Office
Gulf Coast Section Manager
Kathy MacLennan
kmaclen@spe.org

GCS Administrative Assistant
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Webmaster
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Fax 713-779-4216

Office hours: 8:30 a.m. to 5:00 p.m.
Monday through Friday

Advertising
For information on advertising in this newsletter or on the SPE-GCS website, please contact:
Pat Stone
281-530-9711
starlite1@sbcglobal.net

STUDY GROUPS
8
STAGING STRATEGIES FOR IMPROVING SRV DISTRIBUTION IN THE EAGLE FORD SHALE
This talk will discuss how to determine if your fracture is becoming complex or not and how to encourage complexity.

EXPANDING FACILITIES KNOWLEDGE SESSION 5
SAFETY ASPECTS OF PRODUCTION FACILITY DESIGN
Part 5 of the 5 part Expanding Facilities Knowledge series

12
BSEE’S VIEW OF CURRENT OFFSHORE REGULATIONS AND ENFORCEMENT PRACTICES
Speaker: Doug Morris

CONNECT
Information

Newsletter Committee

CHAIRMAN Kim Tran
SALES Pat Stone
BOARD LIASON Valerie Martone
EDITOR/DESIGN Deuce Creative
dreececreative.com

For comments, contributions, or delivery problems, contact editor@spegcs.org.
The deadline for each issue is 6 weeks before publication on the first of each month. The SPE Gulf Coast Section newsletter is published eleven times each program year and is mailed to more than 15,000 SPE members in Houston.

SPE GCS BOARD OF DIRECTORS MEETING
Thursday, August 9th

SPE Houston Office
Gulf Coast Section Manager
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kmaclen@spe.org

GCS Administrative Assistant
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WELCOME TO THE NEW SPE-GCS CONNECT

As the 2012-2013 Chair of the Newsletter Committee, I’d like to introduce you all to the newly designed SPE-GCS monthly newsletter, called “Connect.” We’ve been working hard towards bringing our section a fresh look to the newsletter over the past couple of years and we hope that you will enjoy the new look and layout that has been put together by Deuce Creative.

Aside from the vibrant colors, you will notice that we have added things like a table of contents, pages designed by type of information such as committee event, study group or special feature, more photographs and a name - the Connect. In the redesign of the monthly newsletter, one of the things we wanted to do was brand the newsletter with a name. While many names came up, two stood out the most - the first being Exchange and the second being Connect. The newsletter serves so many purposes for our organization. We use it as a means to exchange information about our events and our membership, and we also use it as a means to connect information and members to each other. How many of us flip through our monthly newsletter to find out what’s happening later this month? How many of us read through Buddy Woodroof’s Then & Now column for tidbits we never knew about our industry or try to answer his quiz each month for a prize? It just seems so fitting that in rebranding the newsletter, we find a new name for it and SPE-GCS Connect just seems to fit its purpose.

As we continue publishing issues, I encourage you all to participate in our photo submission contest. We are looking for photos to feature on our cover. The next time you’re out on location or some interesting place in the world, take some photos and send them in! Who knows - you could win a prize and your photo could be featured on our cover.

In a time where technology changes so quickly and information passes between people in seconds, I’d like to think that all of us in the Gulf Coast Section, even the young professionals, still flip through our monthly newsletter and it’s my honor to lead the Newsletter Committee this year. I hope you all will enjoy the new look.

So, have you gotten your Connect this month?

KIM TRAN
2012-2013 Newsletter Chairperson

MAXOIL IS A GLOBAL CONSULTANCY WITH A PROVEN TRACK RECORD IN ENHANCING OIL AND GAS PRODUCTION, ASSET AND FIXED OPERATIONAL EFFICIENCY

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PROCESS IMPROVEMENT

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Shale Gas - time to maximize

SPT Group is a leader in dynamic modeling for the oil and gas industry providing a combination of software and consulting services within multiphase flow and reservoir engineering. We have one of the world’s leading dedicated consulting teams working with multiple flow technology. We work with the top energy corporations and oil and gas service companies to locally deliver specialist consulting and training services.

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Email: WellData@tgsnopec.com
Web: www.tgsnopec.com/welldata

SPE-GCS Members Total: 14,406

May

YP: 2,537

New Members

170

106

Reinstated Members

N/A

19

Transferred to Section

46

N/A

Transferred Elsewhere

25

N/A

Unpaid

2,297

1,200

Student Members

Paid

Unpaid

Paid

Unpaid

Texas A&M

650

156

622

174

UH/Rice

220

69

202

68

HCC

35

15

29

15

Unassigned

2

0

1

0

Total

987

240

854

257

Total Paid/Unassigned: 14,406 / 2,537

% Paid: 85.0% / 83.4%

SPE-GCS Connect

The Up-To-Date, Practical Guide to Modern Petroleum Reservoir Engineering by
DR. NNAEMEKA EZEKWE

Available from Amazon.com, informIT.com, and other fine resellers.

SPE-GCS.org

informIT.com

SPE-GCS Members Total: 13,920

APRIL

YP: 2,771

New Members

170

106

Reinstated Members

19

3

Transferred to Section

N/A

N/A

N/A

N/A

Transferred Elsewhere

N/A

N/A

Unpaid

2,514

876

Student Members

Paid

Unpaid

Paid

Unpaid

Texas A&M

650

156

622

174

UH/Rice

220

69

202

68

HCC

35

15

29

15

Unassigned

2

0

1

0

Total

987

240

854

257

Total Paid/Unassigned: 13,920 / 2,771

% Paid: 85.0% / 83.4%

Volunteer Spotlight

Jack Courtney

An SPE Legion of Honor member (50 years of SPE membership!), Jack Courtney received the 2012 Gulf Coast Regional Service Award in June. Jack also keeps in touch with ConocoPhillips retirees (lovingly called ex-Cons) through his leadership of the ConocoPhillips Houston Area Retiree Association, or CHARA, which meets at a restaurant monthly.

Jack got involved in the student chapter of AIME when he was at Texas A&M, where he earned his BS in petroleum engineering in 1955. He joined Magnolia Petroleum (before Mobil bought them), and worked in West Texas out of Midland. He then worked at The Analysts, who did cutting-edge pore pressure detection using early computers. When that company was bought by Schlumberger, Jack decided to finish out his career at a major, so in 1974, he joined Conoco as a production engineering consultant, and retired before the Phillips merger.

Jack said he “saw the world on Conoco’s dime,” traveling to Singapore, Scotland, Taiwan, Dubai, Lake Charles, Houston, Bergen, Gabon and back to Houston. Active in SPE in all those places, Jack made sure to attend SPE meetings. He used to serve as an OTC student tour guide for several years and served on the SPE Annual Meeting committee in 1992. He retired in 1994, but he lives close to Westlake and finds the Westside Study Group a great source of networking, camaraderie and electronic resources of value to him as SPE member, so he is happy to work the tables and greet people.

“Shale was a bad thing in my day,” he remarked. The next time you see Jack, ask him about when he was in Gabon and there was an uprising, and they had to send the French Foreign Legion to evacuate the SPE Distinguished Lecturer to an offshore Shell platform! Continued on page 21
Staging Strategies for Improving SRV Distribution in the Eagle Ford Shale

This talk will discuss how to determine if your fracture is becoming complex or not and how to encourage complexity. It includes a review of the completion toolbox and what can be used to change the treatment scheme. Lastly, results utilizing this process will be reviewed.

Lyle V. Lehman

Lyle Lehman has been principally involved in tight gas stimulation throughout his 35+ year career which has taken him from West Texas to the U.S. Mid-Continent and Latin America. Lyle has written more than 12 papers on various aspects of stimulation including rock mechanics, frac fluids, conductivity and economics surrounding decision making in stimulation design and field development. Lyle has six patents with several patents pending all in the area of stimulation. He has principally worked as a consultant throughout his career but was the product manager for stimulation for Halliburton and was drilling and completions practice manager for Landmark. Lyle earned a BS in chemistry (qualified program) from the University of Oklahoma. He is currently involved in managing projects and business development for StrataGen.

Event Info

**Speaker:**
Lyle V. Lehman
Principal Project Manager and Special Projects, StrataGen Engineering

**Location:**
Greenspoint Club
1625 Northchase Dr
Houston, TX 77060

**Registration:**
Registration deadline is Tuesday August, 21st at 12:00 PM

**Cost:**
$35 per member
$40 for non-members

**Event Contact:**
Mark Chapman
281-921-6406
mark.chapman@carboceramics.com

**Cost:**
$35 per member
$40 for non-members
Expanding Facilities Knowledge Session 5

Safety Aspects of Production Facility Design

Part 5 of the 5 part Expanding Facilities Knowledge series, this session presents the fundamental considerations that should be addressed in the safe design of a production system. Included in this are concepts taken from API RP 14C and 14J and the need to consider the Human Factor in everything we do. The philosophy behind the structure of API RP 14C will be discussed. All these concepts, although first developed for offshore systems, can be applied to onshore production systems as well.

This workshop is aimed at imparting basic concepts and facilities knowledge to graduate new hires and summer interns of EP companies and contractors, while allowing opportunities for networking with other young professionals in the industry.

Kenneth E. Arnold

Kenneth E. Arnold has over 45 years of industry experience with 16 years at Shell Oil Company. He founded Paragon Engineering Services in 1980 which was voted one of the best places to work by the Houston Business Journal. In 2005, Paragon was purchased by AMEC. In September 2007, Ken retired from AMEC and formed K Arnold Consulting, Inc. (KACI). In 2010, he joined WorleyParsons as a part-time Senior Technical Advisor while maintaining KACI for independent consulting work.

Ken has taught facilities engineering at the University of Houston as well as for several oil companies. He is a registered professional engineer and serves on the advisory board of the engineering schools of Tulane University and Cornell University.

Ken is co-author of two textbooks and author of over 50 technical articles on project management and facilities design. He has twice been chosen as an SPE distinguished lecturer. He is the VP of Finance on the Board of the National Research Council. He is currently Chair of the National Research Council Committee preparing a report for the Department of the Interior on Evaluating the Effectiveness of Safety and Environmental Management Systems for Offshore Operations.

AWARDS
- Society of Petroleum Engineers • Production and Operations Award
- Public Service Award • DeGolyer Medal
- Honorary Membership
- Production and Operations Award • Houston Engineer of the Year, 2003
- Honorary Membership • Elected to Membership, 2005
- National Academy of Engineering • Public Service Award
- DeGolyer Medal • Production and Operations Award
- Texas Society of Professional Engineers • Houston Engineer of the Year, 2003
- Honorary Membership • Elected to Membership, 2005
- American Petroleum Institute • Citation for Promoting Offshore Safety
- Offshore Energy Center • Pioneering Technology Award for API RP 14C

Event Info

SPEAKER
Kenneth E. Arnold, PE, NAE
President - K Arnold Consulting, Inc. (KACI)
Senior Technical Advisor - WorleyParsons
REGISTRATION
www.spegcs.org
Registration deadline is Tuesday, August 7th at 4:00 PM

LOCATION
WorleyParsons
Energy Corridor II Bldg.
575 N. Dairy Ashford
Houston, TX 77079
(713) 892-0999

COST
$25 per member
$50 for non-members

EVENT CONTACT
William Kinney
(281) 249-2799
wkinney@technip.com
Annular gas migration can involve substantial expense and risk. Installing a TAM Casing Annulus Packer (TAMCAP™) and Port Collar in your casing string provides an economical and reliable means of sealing the annulus for stage cementing.

TAMCAP Inflatable Packers and Port Collars were installed on more than 200 wells last year.

Contact TAM to see how TAM Casing Annulus Packers and Port Collars can solve your gas migration problems or visit us at www.tamintl.com.

Gas Migration?
Control it with TAM Casing Annulus Packers and Port Collars.

- 20% lower total installed costs than welded steel
- Installs in half the time
- Fewer people and less equipment means a safer installation
- No comment, ever
- Field proven: over 15,000 oil and gas wells and 450 North American operators

Reel after reel, you’ll reduce installed and operating costs, safety risks and construction time with Fiberspar LinePipe. Call Jim Chartier at 281-797-4166 or email jchartier@fiberspar.com.

Event Info

DATE & TIME
11:30 AM to 1:00 PM Monday, August 20th

SPEAKER
Doug Morris
Chief of Offshore Regulatory Programs, BSEE - Bureau of Safety and Environmental Enforcement

LOCATION
Petroleum Club of Houston
800 Bell St, 43rd Floor
Houston TX 77002 USA
(713) 659-1431

COST
$40 per member pre-registered
$50 for non-members pre-registered
$50 after Friday August 17th

REGISTRATION
Registration deadline is Friday, August 17th at 11:30 AM
www.spegcs.org

EVENT CONTACT
Christa Henager
281-600-1090
christa.henager@erm.com

BSEE’s View of Current Offshore Regulations and Enforcement Practices

Doug Morris
As Chief of Offshore Regulatory Programs, Morris will be responsible for developing and maintaining up-to-date regulations, policies, standards and guidelines for safest available and safest practices that govern industry’s offshore operations nationwide and will maintain oversight of the bureau’s compliance activities and assure appropriate and effective enforcement actions.

Morris comes to BSEE most recently from the Energy Information Administration where he initially served as Director of the Reserves and Production Division and was subsequently responsible for the Oil and Gas Supply & Financial Statistics Team. Prior to joining EIA, Morris was a member of the American Petroleum Institute’s executive staff, where he served as the Group Director for Upstream and Industry Operations. Before joining API, he worked as a petroleum engineer with MMS and with private industry.

Fiberspar LinePipe™ is the lower cost alternative to welded steel or stick fiberglass for in-field gathering or injection systems. Just unroll it and go.

- 20% lower total installed costs than welded steel
- Installs in half the time
- Fewer people and less equipment means a safer installation
- No comment, ever
- Field proven: over 15,000 oil and gas wells and 450 North American operators

Reel after reel, you’ll reduce installed and operating costs, safety risks and construction time with Fiberspar LinePipe. Call Jim Chartier at 281-797-4166 or email jchartier@fiberspar.com.

In-field gathering or injection systems.

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2012-2013 KICKOFF SPE GULF COAST SECTION

Our 2012-2013 SPE Gulf Coast Section Kickoff meeting will be held on Friday, August 17, 2012 at the Hilton Houston Westchase. This is an important opportunity to share contacts & 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 2012-13 SPE-GCS Committee and Study Group Chairs, Vice-Chairs, Program Chairs, Treasurers, and New Volunteers from 3-4:00 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! Again, please make sure to register so that we may have a proper count for materials & snacks.

SPE-GCS BOARD OF DIRECTORS MEETING

The Gulf Coast Section will hold its monthly Board of Directors meeting from 7:30 AM to 10:30 AM. Please register so that we may have a proper head count for food. Register online and RSVP to Sharon via phone message at (713) 779-9595, ext. 821, or via e-mail at sharris@spe.org. Anyone is welcome to attend.
Young Professionals (YP) committee members are a diverse set of selflessly motivated and talented individuals that represent the largest body of SPE YPs worldwide. If you are interested in finding out more about the committee and the activities organized in the Gulf Coast region, we invite you to attend our monthly board meetings! Use this as a time to get more plugged in or to meet some new faces in the committee. Join us in different YP activities as we kickoff our biggest year yet! For more information, please contact Sandeep Pedam (Sandeep.Pedam@conocophillips.com)

CALL FOR VOLUNTEERS

BACK TO SCHOOL 2012

August 4, 2012
7:30 AM to 12:30 PM & Noon to 5 PM
Faith Lutheran Church, 4600 Bellaire Blvd.

Since 1986, the Christian Community Service Center (CCSC) has helped deserving and under-resourced students through its Back To School program. This year, 6,500 children will receive grade-appropriate school supplies as well as a $30 voucher for new uniforms/shoes.

This volunteer-driven effort equips kids with supplies AND confidence, by allowing students to begin the school year in a well-prepared fashion – just like their peers! For more information, please contact Shiv Patil (shivkumar.patil@akersolutions.com)

HIGH SCHOOL GUEST LECTURE PROGRAM

Make math and science more meaningful inside the classroom by sharing your experience and opportunities in the energy industry. Westside, Milby, and the Young Women’s College Preparatory are looking for guest speakers to discuss career choices, what you do on a daily basis, and your experience with a topic taught in class.

Volunteers will visit a class this fall between September and November but sign up begins today. For more information please contact Ochiagha Victor Ananaba (S Gupta15@slb.com)

EMAIL BLASTS AND SOCIAL NETWORKS

To ensure you receive our monthly email blasts, sign-in at www.spegcs.org. Click on “Member Services”, then “My Email Alerts”. Check the “Committee-Young Professionals” box!

For more information on SPE-GCS Young Professionals, please check us out on LinkedIn, Facebook, Twitter. For more information, please contact Sidd Gupta (SGupta13@slb.com)

YOUNG PROFESSIONALS COMMITTEE CHAIR

Sandeep Pedam, ConocoPhillips
713-591-5738
sandeep.pedam@conocophillips.com

Introducing the world’s fastest water-wet wellbore cleanup.

The DeepClean™ pill combines solvents and surfactants to create the world’s first double emulsion cleanup pill.

The unique application of water-in-oil-in-water technology improves film removal and droplet dispersion, and can deliver water-wet tubulars with minimal contact time at lower chemical concentrations than conventional displacements.

Avoid completion NPT and future interventions, while protecting near wellbore reservoir permeability.

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COMMUNITY SERVICE PROGRAMS

We are always searching for volunteers to help with our outreach and community service programs. If you are interested in any of the following volunteer activities, please visit the links below for more information or contact our Community Services Director, Xuan Harris at xvharris@verdandetechnology.com.

October 24 & 30

REBUILDING TOGETHER HOUSTON

Many people in our community are not able to leave their homes without assistance. Rebuilding Together Houston identifies individuals who live in homes that need assistance and helps design ramps to be installed by volunteers. SPE-GCS works closely with Rebuilding Together Houston to provide the skilled labor required in order to bring these designs into reality for a worthy homeowner. We are in need of an eager crew of 5 to 10 individuals with some carpentry skills and tools. In addition, helpers/learners are also welcome. Project timing is flexible and the task size can be adjusted to fit the crew’s skill level. Join us for a rewarding experience of building-in-place design and complete a ramp in one day. This can open up the world of one of our neighbors! Come join us!

Please visit for more details:
http://www.rebuildingtogetherhouston.org/about_us/programs_overview.htm

SAVING SEPTEMBER 29

2012 HCC CHANCELLOR’S SYMPOSIUM ON ENGINEERING

“PATHWAYS TO YOUR FUTURE”

LOCATION

Space Center Houston

DETAILS

We are searching for volunteers to help man an SPE-GCS booth. This will involve doing demonstrations using our Magic Suitcase and possibly the Energy4Me kit as well as any other interactive demonstrations you can think of.

CONTACT

Xuan Harris
xvharris@verdandetechnology.com

September 29

11:00 AM TO 6:00 PM

SPE-GCS Connect

ENERGY DAY REBUILDING TOGETHER HOUSTON 2012 PATHWAYS TO YOUR FUTURE

LOCATION

Hermann Square, Houston City Hall

DETAILS

SPE Booth with interactive engineering activities: Magic Suitcase, Porosity Demonstration, etc. For additional details, please visit www.energydayfestival.org

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The Gulf Coast Section holds its annual high school recruiting fairs throughout the Greater Houston Area to encourage talented young students to consider a future in the oil & gas industry. Each recruiting fair is 2-3 hours long and held at a different high school each night. At these fairs, we provide information to high school students and parents about petroleum engineering degrees and careers and SPE scholarships and internships.

YearRound

ENERGY4ME CLASSROOM PRESENTATIONS

DETAILS
Energy4Me is a classroom program that both connects industry volunteers with teachers and teachers with the tools they need to bring the oil and gas industry into the classroom. This program puts activities and lesson plans directly into the teacher’s hands. While Energy4Me was designed with teachers in mind, we have successfully used this platform as a way for volunteers to step into the classroom for an hour or two to bring their own experiences to students of all ages.

CONTACT
For additional information on how to bring a speaker to your classroom, or to volunteer to bring the program to an area school, please contact Kim Tran at kim.m.tran@gmail.com.

Deepwater challenges can be complex, unexpected and extremely costly. Around the world, the experts from Halliburton are there when you need them, providing proven solutions like the VersaFlex® expandable liner hanger system with thousands of installations to date.

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Volunteer Spotlight
Fred Newbold

Fred Newbold serves the Westside Study Group as one of the “clip cops,” posting himself at the exit and apprehending anyone who tries to leave with their name badge clip, dutifully recycling them for the Section. He also served on the SPE/DOE IOR Symposium committee in 1996.

Fred worked as a staff research engineer at Arco, Shell, and Amoco in Plano, Houston, and Tulsa, respectively, for 24 years before his retirement, then did some contracting work for BP afterward (2000–2009). He has a BS in Chemical Engineering from the University of Virginia and a PhD in Chemical Engineering from the University of Minnesota-Twin Cities.

He re-retired in 2009, having been an active SPE member since 1971. Fred was an active contributor to SPE in the Mid-Continent Section (Tulsa), Gulf Coast Westside Study Group, the Reservoir Engineering Committee, and he served as General Chairman of the 1996 Improved Oil Recovery Symposium. Born in Washington, DC and raised in nearby Arlington, Virginia, Fred has two children and two grandchildren and stays active at the Second Baptist Church in Houston.

When asked about Jack Courtney and Fred Newbold, Alex McCoy of Oxy, Chairman of the Westside Study Group, said: “I want to personally thank you two for the many hours that you have put in to help the Westside Study Group. Both of you have been always there to help with the luncheons and other arrangements. The Westside Study Group is fortunate to have such dedicated volunteers in our group.”

This goes to show you that being an active member of SPE can last well into your retirement years!
We are all experts in something; in our careers, in the lab, on the basketball court, in the garden, or in the kitchen. At Citizen Schools, middle school students work side-by-side with experts like you to explore new fields, learn new skills and create something.

Citizen Teachers are volunteers who teach middle-school students in low-income communities new skills and expose them to new futures. These hands-on activities reveal the math embedded in cooking, the science in recycling, the discipline of rehearsing a dance routine.

And as part of the comprehensive Citizen Schools program, these apprenticeships transform lives, inspire careers, and restore children’s zest for learning. Independent studies show that Citizen Schools apprentices get better grades, have better attendance and graduate at a higher rate than their peers.

But improving school performance is only the beginning. Apprenticeships change the trajectory of students and put them on a path to success in school, college, the workplace and civic life.

What will you teach?
Whatever your profession or passion, you can turn it into an inspiring learning experience. We'll help you design your own, or start online with one of dozens of tested curricula at our online volunteer community, CT Nation (ctnation.citizenschools.net), or with a look at WOW? Showcase (wowshowcase.org). Imagine taking one of these courses in middle school!

Teach for Ten Afternoons
For 90 minutes once a week, guide your team of apprentices side by side with a Citizen Schools educator.

Get Trained
In two sessions, we’ll help you choose what to teach, plan a great apprenticeship and captivate a group of adolescents.

Get the Kids
Visit the school and pitch your apprenticeship to students, alongside all the other Citizen Teachers pitching theirs.

What will you teach?
Whatever your profession or passion, you can turn it into an inspiring learning experience. We’ll help you design your own, or start online with one of dozens of tested curricula at our online volunteer community, CT Nation (ctnation.citizenschools.net), or with a look at WOW? Showcase (wowshowcase.org). Imagine taking one of these courses in middle school!

ARCHITECTURE & DESIGN
Redesign a Subway Station
Build a Chair

ARTS AND CULTURE
Step Poetry
Percussion Storytelling

BUSINESS AND FINANCE
Build Your Own Brand
Saving for College

ENVIRONMENT
Carbon Footprint
Urban Gardening

FOOD & HEALTHY LIVING
Baking Science
Yoga

LAW & GOVERNMENT
Mock Trials
Run For Office

MEDIA & JOURNALISM
Publish a Newspaper
Create a PSA

PHILANTHROPY & COMMUNITY SERVICE
Plan a Fundraising Event
Community Problem Solving

SCIENCE, TECHNOLOGY, ENGINEERING & MATH
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HiWAY channel fracturing increased oil production 43%, decreased water consumption 58%
Deepwater Technical Symposium

SPE-Delta Section

THE 16TH ANNUAL GULF OF MEXICO DEEPWATER TECHNICAL SYMPOSIUM

This symposium is hosted by the Association of Drilling Engineers (AADE), the Delta Section of the Society of Petroleum Engineers (SPE) and the New Orleans Geological Society (NOGS). Last year’s event attracted over 460 industry professionals and over 90 students from across the spectrum of technical disciplines that enable Deepwater oil and gas development. These attendees are a mixture of staff from oil & gas companies, service companies and students from universities across the Gulf Coast. More information for this event is available through the Gulf of Mexico Deepwater Technical Symposium website www.deepwater.nola.org. The theme of this year’s symposium is “Deepwater 2012 R3 - Renewal – Responsibility – Research”. The overall goal of the symposium is to share knowledge, best practices, new technologies and improvements to existing technologies with a focus on case studies.

Luncheons will feature keynote speakers and the symposium ends with a panel discussion currently targeted on the Deepwater permit process. A dedicated exhibit hall with contractor presentations will be available for participants. Last year, over 30 companies exhibited Deepwater technology at the symposium. There will also be Student Poster/Paper sessions.

WEDNESDAY + THURSDAY
August 15/16
8:30 AM TO 5:30 PM

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gary.fanguy@nabors.com

LOCATION
Riverside Hilton
Two Poydras Street
New Orleans, LA 70130
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EVENT INFO
www.deepwater.nola.org

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**CALENDAR**

**August 2012**

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