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Welcome to 2014! Happy New Year and all the best to you and your family.

Innovation continues in the SPE-GCS. The Project, Facilities & Construction Study Group is trying a new format to better serve the changing demographics of the Section. PF&C is a very important sector in our industry. The new format makes it easier to share information and technology, improves attendance, and allows for better content to be delivered.

The PF&C Study Group format has been luncheon speakers with a Q&A session. Attendance has not been as robust as in earlier years in part because of a demographic shift; core attendees are retiring and younger engineers have less flexibility to attend in midday. In addition, there are more challenges to get speakers to obtain internal permissions and overcome legal reviews in order to share their experiences. Last year PF&C experimented with a slightly different format, the Summer Series. The topic of “Subsea” was selected in advance along with all of the speakers (four consecutive weeks) over the summer. Events were held late in the afternoon so as not to disrupt the flow of the day. The new format allowed for a slightly more in-depth presentation and a longer Q&A session. It also drew in good crowds (exceeding 50), and speakers were given the time to work events into their schedules and get legal approvals. Sponsors have also stepped up, which lowers our cost structure.

As a result of the success, the format will be repeated this year in March and July. The PF&C remains open to ad hoc monthly events, so if you have a topic and speaker, please contact the PF&C leadership. PF&C has hosted two such ad hoc events this year in September and November. There is more on the new format and content for the March event on the website calendar. We welcome your thoughts on the new approach. Thanks to the PF&C leaders, Chris Shaw and Bob Chin, and their team for the innovation.

The SPE-GCS Nominating Committee of the Board of Directors has nominated and supports the following individuals to serve on the SPE International Board of Directors:

- James Pappas, P.E. with Research Partnership to Secure Energy for America (RPSEA); nominee for 2016 SPEI President
- Trey Shaffer with Environmental Resources Management (ERM); nominee for Technical Director, Health Safety Security Environment and Social Responsibility
- Carol Piovesan with APO Offshore; nominee for Technical Director, Management and Information
- Steve McCants with OXY; nominee for Director At-Large

Thanks to the committee for the great list of candidates. We wish them all the best of luck.

THOUGHT YOU SHOULD KNOW…

The industry wants your graduating son or daughter! As an organization, we want to encourage students to consider what many of us have found to be an exciting career. To that end, the Gulf Coast Section has a scholarship program to recognize educational accomplishment and provide support through college leading to an engineering or science degree. The application deadline for the Fall semester is closing in and ends on February 12, 2014.

Please go to the website to obtain details. http://www.spegcs.org/committees/scholarship-internship/

SPE International also provides scholarships so please check them out as well. http://www.spe.org/scholarships/index.php

Good luck to all graduating students.

We welcome your comments and ideas to make the Gulf Coast Section better. Please contact me at mike-strathman@att.net
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This month the SPE Gulf Coast Section wishes to recognize Simeon Eburi, our 2014 Young Engineer of the Year, who serves as Chair of the Young Professionals Committee and on the Section Board of Directors.

In his previous roles on the SPE-GCS YP Committee, Simeon served as Vice Chair and as co-chair of the 2012 Emerging Engineers Conference (EEC), which had over 190 attendees with the theme: “Unconventional Resources – Technology and Careers in Unconventional Times.” Simeon lined up speakers, solicited sponsorships, and made arrangements for this successful event. He also educates high school students about the energy industry through the YP Ambassador Lecture Program. Simeon earned the Platinum level of the YP Executive Club by logging the most volunteer hours of the quarter.

Simeon is a reservoir engineer in the Mid-Continent business unit at Chevron, doing reservoir simulation and research on unconventional shale gas and tight oil reservoirs. Understanding such resource plays, particularly the rock mechanics, mechanisms and physics of hydrocarbon production from shale, is key to being able to produce these important natural resources economically.

Simeon earned both his BS and MS degrees in Petroleum Engineering at Texas Tech and now serves as Vice Chair of the university’s Young Engineer Alumni Board. He also serves as a reviewer for the Journal of Porous Media and the Journal of Natural Gas Science and Engineering.

Please take this opportunity to congratulate Simeon on his award, which will be given to him during Engineers Week in February.
The API is in discussions with automotive and tire industry representatives about setting up an Automotive Travel Council to seek ways to boost highway travel. (What!)

Wildcatters continue to chase the deep Ellenburger in the Delaware basin in West Texas. (If only they could have had access to horizontal drilling technology, they could have been chasing the shallower Wolfcamp and Bones Springs.)

Some oil companies appear to think that drilling wells for crude oil is old fashioned and opt instead to pursue oil shale and tar sand opportunities. (Well, they did have the “shale” part right!)

How about this as an example of good old U.S. ingenuity…Tunisia receives U.S. aid in the form of surplus grain, which they in turn sell through brokers for cash with which to buy U.S. oil. (Who said that the days of bartering are over?)

U.S. active rig count – 1,607

PDVSA and BP reach agreement on a joint venture to market Venezuela’s Orimulsion fuel (blend of very heavy Venezuelan crude, water, and chemical additives) to electric and industrial consumers in Europe.

The jury is in as to the cause of last year’s Piper Alpha disaster in the U.K. North sea that took 167 lives…a gas release caused by removing a pressure relief valve from piping associated with a condensate injection pump appears to be the culprit.

Shell Offshore reports plans to step up wildcat drilling in the ultra deepwater Gulf of Mexico in about 3,200 feet of water in Mississippi Canyon.

There is tension in the Mediterranean after the U.S. Navy shoots down two Libyan aircraft.

WTI crude oil - $16.69/bbl;
U.S. active rig count – 940

Energy futures prices experience a significant jump as a result of an explosion at the Skikda LNG complex in Algeria, and there are threats of another oil strike in Nigeria and forecasts for extremely cold weather in the U.S. Northeast and Midwest.

Pemex reports plans to spend more than $8 billion this year on exploration and production in order to help reach their goals of increasing crude oil production by more than 20% and natural gas production by more than 50% by the end of 2006.

(Bit off more than they could chew!)

Cheniere Energy expands its proposed LNG receiving terminal options to include Mobile Bay, Alabama, joining Freeport, Texas, Corpus Christi, Texas, and Sabine Pass, Louisiana.

Devonian natural gas containing as much as 5% helium has some Arizona producers contemplating going into the helium business (federally posted helium price is $54/Mcf).

Light sweet crude oil - $33.61/bbl;
Natural gas - $5.56/MMbtu;
U.S. active rig count – 1,084

This month we continue our look back at the life and times of Henry Ford.

As a boy, Henry loved repairing machinery. In 1876, when he was 13, he saw his first “road roller,” a big steam engine that chugged along country roads and performed farm chores. It was for Henry a primal glimpse of power and mobility, and he began dreaming of creating his own mobile machine. He began building engines in the 1880’s, and by the 90’s was one of a legion of inventors working on horseless carriages. As he held down a full-time engineering job at an electrical plant in Detroit, he used his spare hours to build motors and a prototype automobile, often working with other young auto buffs.
The challenge that faced these pioneers was daunting, as virtually every component had to be built from scratch. There were no decent carburetors sitting on store shelves waiting to be used, nor were there proper bearings, wheels, batteries, spark plugs, brakes, steering mechanisms, camshafts, piston rings, or gears.

Ford labored on his first automobile in a little brick shed behind his house, working with a passion akin to that of a great artist, and with a will to succeed that he had learned at his father’s knee. "We often wondered when Henry slept," recalled a friend.

Next month, Henry’s dream comes to fruition and the Ford Motor Company is born.

---

Then & Now January
QUIZ

What country was the world’s seventh largest oil consumer circa 2003 and was expected to become the fifth largest oil consumer by 2020?

Answer to December’s Quiz

In 1988, the newly spun off Sun Exploration Co. was considered to be the biggest U.S. independent producer. (Remember those days Jesse, Paul, Greg, et al?)

Congratulations to November Winner
PEYTON GREGORY,
WHITAKER TECHNICAL OIL AND GAS

If you would like to participate in this month’s quiz, e-mail your answer to contest@spe.org by noon, January 15th. The winner, who will be chosen randomly from all correct answers, will receive a $50 gift card to a nice restaurant.

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**Water Management for Sustainable Development of US Unconventionals – Practices, Challenges, Trends and Solutions**

With the increased water usage in unconventional development, the consumptive use of water is a concern for many in our industry. This presentation will discuss current water sourcing and treatment practices across some prominent US basins/plays, what some basin specific challenges are, what trends and solutions look to be promising in terms of technology as well as economics and feasibility, and who some of the leading players are in implementing them. The talk will also touch on the best practices for utilization of alternate water sources with high total dissolved solids for both cross link and slick water frac needs for completion. A technical and economic evaluation of the three basic approaches that include water treatment, bulk mixing with fresh water, as well as modification of high TDS fluids will be presented in an effort to highlight these best practices for sustainable development.

**Walter Dale**

Walter Dale holds a BS in Chemistry from Stephen F. Austin State University. Walter has over 15 years of technical water treatment experience. He has spent a large portion of that time leading teams and aligning technologies to enhance oil-water separations in the South Central US as well as the Canadian Oil Sands. Walter started as a technical specialist with BetzDearborn treating WW systems in Texas. After the acquisition of BetzDearborn by GE Water and Process, Walter served as a regional manager for the South Central US, then later as a General Manager for Western Canada with a focus on the Oil Sands. While in Canada, Walter was a registered lobbyist in Alberta working with the government to align sustainable development water strategies for the oil and gas market. Walter is currently the Strategic Business Manager for Halliburton Water Solutions and resides in Houston, Texas.
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Unlocking European Potential
ConocoPhillips: Recognizing Value by Unleashing the Independent E&P

Join us for a networking hour, with complimentary hors d’oeuvres and a cash bar, followed by an hour-long program beginning at 5:00 PM in the Mezzanine.

Every integrated major contains a sleek and nimble independent E&P ready to cast off its shackles and unleash the hidden value and growth that lurks underneath. The easy part is the dividing of the waters. The real work begins with managing the necessary change in culture without sacrificing core values such as safety. ConocoPhillips’s decision in 2012 to leave the supermajor structure behind has accomplished just that, setting the stage for it to fully exploit and take advantage of its well-positioned portfolio – both foreign and domestic. Our speaker will discuss what ConocoPhillips has achieved in the last year as a result of this restructuring and what accomplishments we can expect in the future. How have its strategies differed? What operational changes have occurred. How has this helped it unleash its human capital? What are the measurable value impacts realized to date? Will portfolio adjustments be part of the strategy – both divestments and additions? How does ConocoPhillips plan to allocate its efforts between its conventional and unconventional assets? What are its plans to exploit and expand its lower 48 oil-rich assets?

Michael J. Gustafson

Prior to joining ConocoPhillips in April 2011, Gustafson was a manager in E&P operations for BG Group’s Americas and Global LNG region. Between 2003 and 2011, he held various management positions with a focus on business development, commercial and strategic trading, and risk management. This spanned across North and South America, Europe, and Australia, involving unconventional, conventional and LNG growth through acquisitions and developments. Gustafson began his career with Mobil Oil Corporation in 1989. He held a series of roles in supply and trading involving upstream crude supply, storage, pipeline operations, and asset management. Gustafson serves as the president of the board of Volunteer Houston, a nonprofit clearinghouse for volunteers to nearly 800 nonprofit organizations in the Greater Houston area. He earned a bachelor’s in finance and economics from Baylor University and an MBA from George Washington University.
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Unconventional Reservoir Development – The Economics of Fracturing

Production for Unconventional Reservoirs is a complicated issue. We have developed reservoirs over the years with widely varying properties. Early reservoirs usually consisted of formations with very high permeabilities and the capacity to produce naturally. Pressure transients in the reservoirs reached the boundaries in a matter of days, hours or even minutes or seconds in some cases. Hydraulic fracturing was introduced and developed to enable lower permeability reservoirs to produce at economic rates through traditional vertical wellbores. Horizontal drilling was combined with hydraulic fracturing to open the door to the development of even lower permeability reservoirs. The pressure transients in these reservoirs may take months or even years to reach reservoir boundaries. Why is the time it takes for the pressure transient to move through the reservoir important? It determines the efficiency in which the reservoir can be drained and the time it takes to get that done. Time is important as the economic success depends on recovering our investment in a timely manner. This talk will focus on the factors surrounding fracture treatments that affect the economics and productivity of a horizontal well in an Unconventional Reservoir.

Stephen Schubarth

Stephen Schubarth has been working in the oil and gas industry for over 32 years. Most of his career has been focused on the design, implementation, and evaluation of hydraulic fracture treatments in reservoirs here and around the world. He has authored/co-authored over 25 papers and articles, mostly emphasizing the use of proppants in hydraulic fracture design. Steve is currently the President of Schubarth Inc and Schubarth Software Systems LLC, which is developing a new type of fracture design and evaluation software for the industry.
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Global Process Safety Reporting Progress

Since the Baker Panel report was published, the global oil and gas industry has been working to implement a recommendation to standardize the definition of “process safety event”, begin collecting and disseminating data, and provide transparency in reporting. The American Petroleum Institute’s (API) Recommended Practice 754, published in 2010, was the first step in this process and established consistent definitions for what constitutes a process safety event (using a four tier approach) for refining and petrochemical companies. The International Association of Oil and Gas Producers (OGP) adopted identical definitions in 2011, and further provided clarification and examples relevant to the upstream oil and gas industry. Despite this effort, and ongoing submission of data, industry reporting of process safety events has been slow. 2013 will see public reporting by both API and OGP, but with vastly different levels of transparency. This presentation will review those efforts.

Ted L. Caudill

Mr. Caudill is the Process Safety Coordinator for Marathon Oil Company and has responsibility for supporting process safety efforts across Marathon’s global operations; communicating metrics, best practices and lessons learned; and furthering Marathon’s goals for protecting people, environments and assets. Mr. Caudill has been with Marathon for 20+ years and has experience in upstream and downstream process safety and environmental compliance. He is a registered Professional Engineer and holds a Bachelor of Science degree in Chemical Engineering from the University of Kentucky, and a Masters of Environmental Engineering degree from Marshall University. Mr. Caudill is currently participating in the American Petroleum Industry’s effort to revise Recommended Practice 754 and is active on the Process Safety Subcommittee of the International Association of Oil and Gas Producers.

HSSE-SR & YP Present: Night at the Movies

Please join SPE-GCS Young Professionals & Health, Safety, Security, Environmental, Social Responsibility groups for an evening of networking and learning.

For questions or inquiries, please contact Chet Teaford (cteaford@hdrinc.com), Trey Shaffer (Trey.Shaffer@erm.com) or Pavitra Timbalia (pavitra.a.timbalia@exxonmobil.com).

We are currently looking for event sponsors!

5:00 – HAPPY HOUR
6:00 – FEATURE FILM: “FRACKNATION”
7:30 – INDUSTRY EXPERTS PANEL DISCUSSION

DATE
Thursday, February 20th

TIME
5:00 PM to 8:00 PM

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The presentation discusses two critical aspects of fracturing in cemented cased horizontal wells: the role of cement bond strength in fracture initiation and the influence of spacing between perforation clusters on fracture width. It shows that opening of inclined and transverse fractures requires shear sliding between the formation and cemented casing. Strong cement bond or external casing attachments near the perforated interval hinder this shear sliding and hamper free opening of the fracture. If the initiated fracture is longitudinal, its opening causes tensile failure of the bond between casing and cement. This enhances the link between fracture and perforations and assists successful execution of the job. Close spacing between perforation clusters also results in fractures that are narrower than predicted by theories of fracture mechanics. Furthermore fracture width tapers quickly as it extends beyond the wellbore. Together these two mechanisms can explain why these types of fractures are known to occasionally encounter operational problems that include inability to inject at the planned rate during the early stage of each fracture and sudden screen-outs even with very low proppant concentration. The presentation offers perforation recommendations for enhancing borehole/fracture connections, as well as guidelines for successful execution of the treatment.

Ali Daneshy

Ali Daneshy is President of Daneshy Consultants International and adjunct professor in Cullen College of Engineering at University of Houston where he teaches a graduate course on hydraulic fracturing. He has over 40 years of experience in the technology and application of hydraulic fracturing and has published numerous papers on the subject. At the present his main focus is on consulting and teaching short courses related to horizontal well fracturing.
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Overview of Texas Rail Road Commission Regulations

The presentation will offer an overview of current oil and gas regulations/laws of the Texas Rail Road Commission, and forecasted effects of our business activities in the Permian Basin.

David J. Porter

David J. Porter was elected to serve a six-year term as Texas Railroad Commissioner in November 2010. Since taking office, Commissioner Porter has been appointed to the Interstate Oil and Gas Compact Commission as the Official Representative of Texas by Texas Governor Rick Perry. He has also been appointed as Governor Perry’s official representative on the Interstate Mining Compact Commission and currently serves as an advisory board member for the Texas Journal of Oil, Gas, and Energy Law.

Porter created the Eagle Ford Shale Task Force, the first of its kind at the Texas Railroad Commission, to establish a forum that will bring the community together and foster a dialogue regarding drilling activities in the Eagle Ford Shale. The Task Force is comprised of local community leaders, elected officials, industry representatives, environmental groups, and landowners. The goal of the group is to open the lines of communication between all parties involved, establish recommendations for developing the Eagle Ford Shale, and promote economic benefits locally and statewide. In recognition of his foresight and leadership, Porter was named “Man of the Year” in 2013 by the industry publication, The Oil & Gas Year.

Before taking office, Porter built a successful small business around his CPA practice in Midland Texas, providing accounting and tax services to oil and gas producers, royalty owners, oil field service companies, and other small businesses and individuals.

Porter was born in Fort Lewis, Washington in 1956 while his father was serving in the US Army. He graduated magna cum laude from Harding University in May of 1977 with a bachelor’s degree in accounting. He passed the CPA exam on his first attempt in November of 1977 and became a Texas CPA in September 1981, the same year he moved to Midland. David met his wife, Cheryl, while attending Harding University, and they were married in 1979. They are the proud parents of one daughter and are also the proud grandparents of a four-year old granddaughter.
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PHDWin – Simple Solutions for Evaluating Complex Economics

A short overview with specific examples of how Incremental Benefit Calculations, Group Economic Limits, and economic allocations can be used to make more informed decisions.

David Pacinda

David Pacinda, the current President at TRC Consultants, LC, graduated from Texas A&M with a bachelor’s degree in Petroleum Engineering. While there, he also took a significant amount of coursework in chemical engineering. David went on to earn his Texas Professional Engineer license in 1993 while working at Somont Oil Company. He has 26 years of experience in petroleum engineering, in varying aspects, including natural gas processing, drilling, completion, and reservoir engineering. While living in the Dallas metro area, David was awarded an adjunct professorship while teaching a continuing education reservoir engineering class at Brookhaven College. He was a founding partner of TRC in 1986, and continues to work for the company and educate the industry on current discounted cash flow and decline curve modelling techniques. TRC’s recent growth into international markets has allowed David to extend his expertise into international PSA modeling. He currently lives with his wife and two children in Austin, TX.
Research & Development
2014 Events

The R&D Study Group will not meet in January. Please join us throughout 2014 on the first Thursday of the month from 11:30 to 1:00 at the Norris Center, Westchase at 9990 Richmond Ave., South Bldg., Ste. 102. We have a buffet lunch followed by a presentation. Our programs through June will be as follows:

- February 6, 2014 – Intellectual Property, Panel Discussion
- March 6, 2014 – Ron Richter, speaking on Forensic Testing
- April 3, 2014 – John Bartos, CTO, Cameron, discussing the Cameron artificial heart program
- May 1, 2014 – Equipping Young Professionals for a Career in oil and gas R&D
- June 5, 2014 – TBD

We have a 30 minute presentation followed by 30 minutes of question and answer. Our attendance varies between 35 and 45 at each event. Our attendees come from R&D, New Product Development, and Technology Development groups within the oil and gas industry.

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Integration of Subsurface Modeling and Surface Networks to Develop CO$_2$ Source Field

With current oil prices, CO$_2$ floods become viable and continue to grow in importance throughout the world, especially in mature fields. One of the important pieces of a CO$_2$ flood is the CO$_2$ itself. The presentation will describe how Kinder Morgan developed McElmo Dome, the giant CO$_2$ source field, to meet production targets.

The field is located in rugged topography with deep impassable canyons within an archeologically sensitive area and on the flank of a large plunging anticlinal structure. The location of the field in the surface and subsurface creates complexity in field development and in modeling efforts. In this presentation, we will describe the process of building a simulation model with tilted water contact, matching the production and pressure histories. The presentation will then discuss how the field development plan was selected. We found that increasing compressor suction pressure would be the best plan to meet and maintain the production target. We will offer a step-by-step explanation of how we integrated the subsurface model and surface system to optimize CO$_2$ production rates. Finally, this presentation will highlight the benefits of integration modeling applications for the McElmo Dome field development.

Erwinsyah Putra Ph.D.

Erwinsyah Putra is Chief Reservoir Engineer at Kinder Morgan CO$_2$ Company. He manages the Reservoir Management Solution and Technology Team. Prior to joining Kinder Morgan, he worked for the petroleum engineering department, Institut Teknologi Bandung (ITB), Indonesia as an assistant professor, the Petroleum Recovery Research Center at the New Mexico Institute of Mining and Technology (NMIMT) as a post doctoral research associate, and for the petroleum engineering department at Texas A&M University, College Station as a TEES research engineering associate.

He holds a BS degree from ITB and MS and PhD degrees from NMIMT. He served as a review chairman in the SPE Reservoir Evaluation and Engineering Journal. He received an Award of Appreciation as Review Chairman in 2005, Best SPE Technical Editor Award, and the 2012 SPE Gulf Coast Regional Reservoir Description and Dynamics Award. He has been involved in waterflooding and CO$_2$ flooding projects in naturally fractured reservoirs, CO$_2$ source project expansion projects, new CO$_2$ field development, field development projects of oil and gas reservoirs, Surfactant-CO$_2$ pilot projects and the beyond tertiary project.
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Concepts of Fracturing
Flowback: Controls, Analysis and Benefits

Fracture flowback techniques and controls have proven to have a significant impact on post-fracture well performance in some areas. This presentation will focus on experiences from several different shales and some tight oil formations with regard to shut-in time, possible mechanisms in play, rate, and pressure drop and/or choke management techniques used to achieve acceptable results.

George E. King

George E. King is a registered professional engineer in multiple states with 42 years industry experience in most aspects of completion, well construction, and well failure analysis. His work has focused on unconventional formations, sand control, perforating, as well as fracturing and well construction risk analysis. He holds degrees in chemistry from Oklahoma State University, as well as chemical engineering and petroleum engineering from the University of Tulsa, where he also taught completions and workovers for 11 years at night as an adjunct professor. He has authored 68 technical papers, journal articles, and book chapters. He was awarded the 2004 SPE Production Operations Award and the 2012 Engineer of the Year Award from the Houston Region of the Texas Society of Professional Engineers. He currently serves as Apache’s Distinguished Engineering Advisor in Houston.
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NEW MEMBERS
The SPE Auxiliary welcomes guests and new members. For further information please contact our President, Nancy Giffhorn, at rgiffhorn@AOL.com or at 281-360-4631.

COMMITTEE AUXILIARY

2013 SPE-GCS YP SALARY SURVEY

If you know co-workers or friends that have recently switched jobs, you’re not alone: the job market for Young Professionals in the Gulf Coast Section has been scorching hot the last few years! With all that activity there is a risk of misinformation that can be fueled by anecdotal evidence/hearsay and headhunters tempting you to test the market.

Being the largest YP group in the entire Society of Petroleum Engineers, we identified a unique opportunity to create a comprehensive and legitimate source of data for our members to use in evaluating their careers and current market values. Back in April and May, we asked our membership to respond to a brief, anonymous, and confidential survey to provide a real-time and objective overview of the current job market for Young Professionals in the Gulf Coast Section.

The results of the survey were intriguing: we were able to substantiate some rumors while dispelling others, and we were able to analyze some behavioral trends from the results. Although the analysis of our results is not meant to be conclusive or scientific in nature and we do not purport that our sample size is indicative of the overall industry, we managed to establish some interesting trends that we are pleased to present to our membership for consideration. More importantly, we are releasing all individual results to our membership so that our members can analyze the results specific to their situation on their own time and to the extent that they wish.

You can find the Executive Summary and all of the raw data in the Young Professionals Committee folder at http://www.spegcs.org/file-library/.

We hope to build upon the success of this pilot year, so please be on the lookout for a refresher of this survey in the upcoming months!
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The requirements for first time applicants:
- Currently reside in Houston OR 29-county Gulf Coast area
- Enroll in an engineering or science program at a university in the Fall
- Be a current high school senior
- Minimum SAT score of 1650
- Be a U. S. citizen
- Completely fill out the scholarship form and turn in by deadline: 2/12/2014
- High school academic record
- Activities, awards and honors
- SAT and/or ACT score
- Professional reference letters
- Financial need (if applicable, not required)
- Short essay (approx. 500 words)

The process:
- Scholarship committee reviews each application
- Selected applicants are interviewed in the second round (April 2014)
- After the interviews, the scholarship committee meets and collectively decides the 2014-15 scholarship recipients (May 2014)

NOTE: Each 2014-15 first-time scholarship recipient may be eligible for a summer internship with an oil & gas company based on availability.
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Find out more at www.slb.com/shaletraining.
We want to thank the General Meeting for submitting their photos of the Distinguished Member Award presented by SPE GCS Chair, Michael Strathman. We also want to thank the Reservoir Study Group and the Business Development group for sending in photos this month. If you would like your group to be recognized in the Connect with your wonderful photos, please send your photos by the 25th of every month to the Connect editor at editor@spegcs.org.
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CALENDAR

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