General Meeting
Value Chain Lab Methodology:
Aligning Operator and Service Company

Technical Meetings & Luncheons
EOR - The Time is Now: Its Contribution to World Oil Supply
Distinguished Lecturer 2010-11

Successfully Stimulating Complex Carbonate Reservoirs
Distinguished Lecturer 2010-11

SPE DIGITAL ENERGY CONFERENCE & EXHIBITION 2011
Drilling Symposium - The Changing Role of Rig Supervision
Permian Basin: Residual Oil Zone Symposium

Social Activities
38th Annual SPE GCS Golf Tournament
YP Networking Social
Chairman’s Corner
by Mark Peavy, KinderMorgan CO2
2010-11 SPE GCS Chair

Sometimes in life we reach a point where we feel tired and at times hopeless. It is easy for issues and struggles in life to cause us to lose focus and result in losing sight of the resolve we seek. I wish to encourage the GCS leadership to stay the course. In order to be great leaders, we must stay focused on our resolve and understand that leadership is a gift, a function, a responsibility, and a legacy. Know that leadership is a gift, and not all are called for this higher purpose. For those who are, it is important to understand that it is a blessing to be called to serve others at a higher level. Leadership is a function, not all have the same set of skills, but all can exercise influence in some way, and everyone leads somebody sometime. Leadership is a responsibility, it is a stewardship and a calling to step up and serve. Lastly, leadership is a legacy. A leader goes before others and others follow the trail. So how can we step up the challenge of leadership? The answer is spelled out in six letters: L-E-A-D-E-R. First step: Lift up the sights of those around us, we should ask those around us to see what we see. Without vision, people will become lost. Two, Expand our influence through service, not to be served, but to serve others using servitude leadership. Three, Apply the principle of teamwork to your life. People who make a difference use teamwork. Four, Determine to press on in the face of opposition. Do it with intensity, and diligence. Keep being a leader. We should always keep raising the bar high. Five, Expect and adjust to change. Too many resist change, but the one constant in life is change. Six, Risk your life on living for the greater reward. We must believe that what we live for is worth dying for.

Focusing on our resolve requires discipline and consistency. Consistent with the past four year asset spend down strategy, the GCS has successfully placed more money into our existing programs involving merit based scholarships ($124K incremental) and the Community in Schools Houston (CISH) ‘at-risk’ scholarship programs ($91K incremental) during this time. New programs created during the past four years included an endowment to the University of Houston undergraduate PEN department ($250K), scholarships to the Houston Community college Petroleum Engineering Technology program ($30K), the Environmental Institute of Houston ($68K incremental) and the creation and funding ($129K) for a new venture known as the Collaboration in Houston for the Advancement of Science and Engineering (CHASE) program designed to better educate 8th grade math students. This additional giving has resulted in lowering the GCS section total assets from approx. $1.5MM to a current level of $800M, see graph 1. We are now at the point of realigning the GCS educational spending to levels that allow the section to maintain an asset

Reservations & Information
For all SPE GCS topical luncheons and social activities, please register online at www.spegcs.org. You must provide your SPE member number to receive member prices. Guests who have not made a reservation online will be charged an additional amount at the door. Walk-ins are not guaranteed admittance.

- Reservations and cancellations required for all events.
- No-shows will be billed.
- Walk-ins will be charged extra.

Mastercard, Visa, American Express, Discover, and Diner’s Club are accepted for advance reservations only. The technical and other opinions expressed by speakers at the Gulf Coast Section meetings may not have been reviewed by SPE and do not necessarily reflect the position of SPE, the Gulf Coast Section, its officers, or members. The only forum for rebuttal and discussion is during the meeting.

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For comments, contributions, or delivery problems, contact gcsgnewslette@spemail.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 14,000 SPE members in Houston.

Advertising
For information on advertising in this newsletter or on the SPE GCS web site at www.spegcs.org, please contact Pat Stone, StarLite Printing, at (281) 530-9711, starlite1@sbcglobal.net or rstone51@comcast.net.

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Member Services Dept.
P.O. Box 833836
Richardson, Texas 75083-3836
1-800-456-6863
service@spe.org

Continued on page 4
General Meeting

Value Chain Lab Methodology: Aligning Operator and Service Company Goals & Objectives

Speaker: Bill Diggons
Qittitut Consulting

Date & Time: 11:30 a.m. luncheon Thursday, April 14

Location: The Petroleum Club
800 Bell Street
Houston, Texas 77002

Cost: $35 per member preregistered
$40 per nonmembers and walk-ins

Registration: www.spegcs.org
Deadline: 5 p.m., Tuesday, April 12

Valet parking is available at the ExxonMobil Building for $7. If you have special dietary needs, please note your meal request when you register online in the box labeled “Optional comments for the event planner.”

A four-step methodology has been developed to align the operator/service company value chain of operations, procurement, HSE, engineering and manufacturing to improve operational and business objectives. A lab concept is used to offer opportunities for joint analysis, practice and experimentation.

New levels of performance are possible when relevant people, processes, and technologies are linked with agreed rules of engagement and win/learn scenarios.

Bill Diggons is currently the managing partner of Qittitut Consulting. He has 32 years of global experience in oilfield management, marketing and sales, strategy consulting, corporate communications, and energy information technology.

His experience includes 20 years with Schlumberger, two years with SAP, two years with Landmark Graphics, and nine years at Qittitut Consulting.

He has a BS in civil engineering from Cornell University and a degree in marketing management from Columbia Business School.

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Monthly Board Meeting

The Gulf Coast Section board of directors meeting will be held from 7:30 to 10:30 a.m., Thursday, April 21 at the SPE Houston office, 10777 Westheimer Road, Suite 1075 (77042). Board meetings are open to any SPE member, but you must register in advance because seating space is limited. If you would like to attend, please register online at www.spegcs.org or contact Sharon Harris at 713-457-6821 or sharris@spe.org.

Continued from page 2

balance of $500M, the recommended balance target of the GCS BOD. Current Treasury studies indicate that this can be achieved by reducing expenditures by $80 to $120K per year beginning in 2011-12.

It is expected that the support of the above mentioned programs will be reduced as needed, unless or until other activities or events provide additional funds. We must remember that the mission of the section is to disseminate technical information to our membership, and a side benefit of the successful execution of this mission is the creation of additional funds which can be used to support these educational programs. So the question I pose to the study group leadership and general membership is: Are there new workshops, venues, and projects that can be implemented to improve the dissemination of technical information that can increase the GCS revenue stream? Two study groups have recently stepped up to the plate with new venues: the Completions and Production and Permian Basin study groups. Each group will be implementing new half- and full-day workshops this spring. While other study groups and committees continue to provide steady income with established events, I’d like to encourage all to strive to expand or create new venues that could become as large as the Digital Energy conference, a local section venue that grew so large it required integration into the SPEI organization.

Graph 1.

Retraction Statement:

We apologize for the 4,000 copies of the March issue that were sent out with page 14 with an error in printing.
Volunteer Spotlight

Michael Cherif

This month the Gulf Coast Section would like to recognize the volunteer efforts of a young professional, Michael Chérif, who has played a key role in helping to relaunch the International Study Group.

According to study group chair Philippe Mitterrand, Michael has performed beyond expectations, and his participation and commitment have greatly contributed to the International Study Group’s success. After Philippe obtained commitments from potential speakers, Michael took over, packaged their presentations, integrated bios and abstracts, and attended to all the program details. Because he helped achieve a combined attendance of more than 120 for the first two meetings, he was promoted to vice chair of the study group at the young age of 24.

“Michael’s great contribution is his uncanny attention to detail, integrity, diplomatic approach, and tireless personal commitment to make the International Study Group a successful endeavor,” said Philippe. “My personal opinion is that we will hear great things about Michael impacting both the oil & gas industry and SPE on a global basis.”

After earning a BS in civil engineering from Cornell University, Michael joined ExxonMobil Production Company as a reservoir engineer in 2008. Since then, he has performed reservoir surveillance and reservoir simulation for onshore and offshore assets. He has also provided support for the largest carbon capture plant in the world.

Michael is a true believer in the benefits of volunteering. He enjoys participating in public service activities that promote the awareness of science and the energy industry, including the SPE High School Recruiting Fairs, Science Ambassadors and Junior Achievement.
AUXILIARY

April 2011

DATE:   Friday, April 8, 2011
TIME:   11:00 AM
PLACE:  Houston Arboretum for a Docent-Led Tour
        713-682-2539
        4501 Woodway Drive 77024
        Lunch at McCormick & Schmick’s
        1151 Uptown Park Blvd.
        713-840-7900
COST:   To Be Announced
DEADLINE: Tuesday, April 5 (Deadlines are Firm)

CONTACTS:
Nancy Hill     Evelyn Earlougher
nancyhill2444@sbcglobal.net eearlougher@comcast.net
281-435-1619    1-281-419-1328
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Marathon’s Droshky Field is a four-well subsea development located in the Gulf of Mexico in Green Canyon Block 244 in approximately 2950 feet of water. Three intelligent wells and one conventional stacked well, completed in a total of ten frac-packed intervals, were required to drain the multiple reservoir intervals encountered. The field was brought on production in July 2010, tied back to DOR’s Bullwinkle Platform. This presentation will review some of the challenges encountered in the completion design and implementation, including contingency operations. Among the issues faced were long completion intervals (up to 456’ gross), working with zinc bromide completion fluid throughout the six-month completion campaign, and extreme fluid loss rates (in excess of 500 BPH).

**Greg Stimatz** has worked for Marathon Oil Company for 28 years in a variety of production, well testing, and completion assignments. He has been responsible for planning and field implementation in both onshore and offshore fields in the United States and offshore fields in the U.K., Norway, and West Africa. He currently works in Houston as a Gulf of Mexico deepwater completion engineer.

Greg graduated from Montana Tech in 1983 with a BS in petroleum engineering.
**Then & Now**

by Buddy Woodroof, ProTechnics
Features Editor

**April 1981**

It appears that Spain could become a gas exporter, as Eniepsa’s gas strike in the Pyrenees is now pegged at 3.5 trillion cubic feet of reserves. • An ENI report calls for much of West European refining and petrochemical capacity to eventually move to Middle East exporters in exchange for long-term, guaranteed crude supplies, which could diminish considerably the American clout in world petroleum markets. • The mood in Canada remains grim, as the Canadian Association of Oilwell Drilling Contractors reports that 114 drilling and 16 service rigs have left the country since Fall and more are expected to follow. • An Exxon vice president declares that the majority of oil companies agree that half of the oil still to be found in the U.S. is on or offshore Alaska and that American dependence on foreign crude could be slashed from 40% to 17% by the turn of the century, with Alaska leading the cut. (Didn’t count on the Bakken did you?)

U.S. active rig count – 3,628

**April 1991**

Four of approximately 600 wells burning in Kuwait, thanks to Saddam Hussein, have now been extinguished and the enormity of the project is just beginning to be felt. • Environmental studies indicate that damage from the Exxon Valdez oil spill will last longer than first thought, in part because the spraying of the beaches with pressurized hot water ended up killing marine organisms. • While BP expands its strategic alliance with Statoil covering joint R&D and international exploration, it continues to shop its Tex/Con Oil & Gas unit, one of its BP America units. • The U.S.S.R. is reportedly negotiating to enter the ship demolition and scrapyard business, as new design criteria force tanker owners to scrap many older vessels. (This new Soviet venture has been nicknamed the “Red Fox Project.”)

Light sweet crude oil - $21.49/bbl
U.S. active rig count – 835

**April 2001**

The EIA forecasts 59% growth in worldwide energy consumption by the year 2020, with half of the projected growth to occur in the developing nations of Asia and Latin America. • Royal Dutch/Shell’s run at Barrett Resources is just the beginning of another round of mergers and acquisitions according to a Wall Street energy investment conference. Other companies believed to be under the watchful eye of majors include: Burlington Resources, Devon Energy, Evergreen Resources, Forest Oil, and Triton Energy. • The U.S. active rig count reaches its highest level in over ten years with 1,198 rigs working. • The Girassol FPSO, the world’s largest floating production, storage, and offloading unit sets sail for Angola where it will employ its 200,000 bbl/ day production capacity and 2 million bbl storage capacity at the Girassol field.

Light sweet crude oil - $28.05/bbl
U.S. active rig count – 1,198

**The Rest of the Yarn**

This month we continue our look-back at the life and times of Sid Richardson, one of the “Big Four” oilmen who laid the foundations of a flamboyant lifestyle that would come to define the image of Texas Oil.

At some point the Richardson’s briefly relocated to Mineral Wells, where Sid’s sister Annie began dating a sharp young doctor named E. P. Bass, who was to have a profound influence on Richardson’s life. In 1909 after the family returned to Athens, Bass married Annie Richardson. Bass proved his merits after Richardson was badly injured when a buggy he was driving overturned, crushing his left leg below the knee. Doctors wanted to amputate the leg, but Bass managed to save it during an operation in which he removed two inches of bone and built a “trough” to connect the remnants. In time Richardson learned to walk unaided, but for the rest of his life he limped. He developed a walk involving taking long steps with the left leg and short steps with the right, thus lessening the extent of his limp. He claimed that the swinging walk of his was his own adaptation.

In September 1910 Richardson enrolled at Baylor University in Waco, but after two semesters of classes he did not return. In the Fall of 1911 he enrolled at Simmons College in Abilene. It is said that he was a bright but lazy student, more
interested in whiskey than classwork.

The dean of students continually lectured to him that he was squandering his abilities and that he had the brains and the personality to do whatever he wanted to do, but that he must lay aside his foolish ways and set his heart on becoming a man.

There is ample evidence that Richardson was a heavy drinker, which likely explains his tendency to engage in fistfights. Once, explaining why he disliked the game of golf, he quipped that the one and only time that he had played a complete eighteen holes, he had to drink an entire bottle of bourbon to get through it. His full-time carousing came to an abrupt end in 1912 when his father died. Suddenly there was no more money available for Richardson’s “education.” His brother-in-law, Doc Bass, was dabbling in the oil business, and it was probably on Bass’s suggestion that Richardson decided to try working in the oil field.

Next month, Richardson tries his hand as an oil scout, a cattle trader, and an oil trader. (Article excerpted from “The Big Rich.”)

**History Quiz**

What two critical wartime commodities were targeted for expanded production thanks to Standard Oil’s development of the first fluid catalyst refining unit in 1942?

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

**Answer to March’s Quiz**

The German immigrant who funded the building of the first commercial American-built diesel engine was Adolphus Busch.

**Answer to February’s Quiz**

When Standard Oil was dissolved, it was done on a state-by-state basis. The present day operator that results from a merger of the companies that were originally Standard Oil of New York and Standard Oil of New Jersey is ExxonMobil.

**Congratulations to February’s winner – Bill Carpenter, who also corrected our erroneous reference to Al Gore, Jr. (of internet and global warming fame) as being the out-going senator on the Senate Finance Committee in February 1971. That was actually Al Gore, Sr., the father of the aforementioned. Thanks for setting us straight, Bill.**
Natural Gas Hydrates
In Flow Assurance

Colorado School of Mines
Golden, Colorado
May 18-20, 2011


This course is aimed at engineers and scientists concerned with controlling/managing natural gas hydrate formation during gas/oil production and transportation. Each attendee will receive a CD and hard copy of the course material, including a copy of SPE Monograph Hydrate Engineering, by E.D. Sloan.

The objective of the course is to provide a fundamental review of the practice and theory in natural gas hydrates, with applications primarily in flow assurance. For information regarding attendance and fees contact: 303-279-5563, email space@mines.edu, http://www.mines.edu/Educational_Outreach

PROFESSIONAL REGISTRATION REVIEW COURSES FOR PETROLEUM ENGINEERING

COURSE DESCRIPTION: The Course covers most topics that are found on the Texas State Board Petroleum Engineering Professional Examination.

WHO SHOULD ATTEND: Engineers who are planning on taking the PE Examination in Petroleum Engineering this fall.

HOUSTON COURSES (8:00 AM - 5:00 PM)
Monday through Friday
I  August 22 thru 26, 2011
II  October 1 thru 5, 2011

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          Ron Hinn, PetroSkills
          Susan Howes, Chevron
          Ken Arnold, Consultant
          Marty Stetzer, Consultant

Date & Time: 8:30 a.m. - 5:30 p.m.
    Thursday, April 21

Location: Hilton Houston North Hotel
          12400 Greenspoint Drive
          Houston, Texas 77060

Cost: $300 per member preregistered
      $350 for nonmembers and walk-ins

Registration: www.spegcs.org
Deadline: Noon, Tuesday, April 19

Outline:
* Introduction/Outline of the Day
* The Economics & Future of the Petroleum Industry
* Theory of the Origins of Hydrocarbons
* Reservoir Parameters (eg: Porosity/Permeability)
* Geology of Petroleum & Geophysics
* Drilling Basics
* Well Logging
* Well Completions
* Reservoir Drive Mechanisms
* Production Equipment (sub-surface & surface)
* Midstream & Downstream Topics

No refunds one week prior to the event.

This seminar is the most popular SPE-GCS program. The course is designed as non-technical audio-visual guided tour through the oil patch, illustrating the basic equipment and techniques used in the discovery, development and production of petroleum.
38th Annual SPE GCS Golf Tournament
Monday, April 18th, 2011 (Morning and Afternoon rounds)

Kingwood Country Club
1700 Lake Kingwood, Kingwood, Texas 77339
And
Deerwood Country Club
1717 Forest Garden Dr, Kingwood, Texas 77345
(281) 358-2171

This Gulf Coast Section event is an important part of fundraising for our Scholarship Fund, which helps send several potential clients or co-workers to college. These scholarships are even more important now with an unprecedented Industry demand for increased Engineering, Resources and People.

We need your support more than ever!

For more information and registration:
http://www.spegcs.org/en/cev/1927

2011 Sporting Clays Tournament
Friday, June 10th, 2011
7:30 a.m. to 5:30 p.m.

Rio Brazos Hunting Preserve
4430 Guyler Road, Simonton (Wallis), Texas 77485
(281) 346-2095

We are pleased to announce that in addition to the SPE GCS Scholarship Fund, we will also support the Bright Light Foundation (BLF). The Bright Light Foundation's mission is to raise funds, in the spirit of compassion and fun, to assist with the medical needs of those within the oilfield community stricken by catastrophic illness. The funds raised by this foundation are distributed among selected families to assist with medical cost due to major illness.

Come out and help support SPE GCS!!!

For more information, sponsorship and registration:
Drilling Study Group

Drilling Symposium - The Changing Role of Rig Supervision (Do We Need the Driller?)

Speakers: TBA

Date & Time: 8:00 a.m. - 3:00 p.m.
Thursday, April 28

Location: Petroleum Club
800 Bell Street (77002)

Cost: $100 per member preregistered
$125 for nonmembers and walk-ins

Registration: www.spegcs.org
Deadline: Noon, Tuesday, April 26

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Latin America has been producing oil for over 100 years and has produced over 150 billion barrels in that time. Currently, production is 10.6 million bopd and 20 bcfgpd. After an introductory geological setting of the region, a very brief history of each country’s production will be presented emphasizing the complicated relationship between IOCs and the large NOCs in the region. In addition, the sometimes dramatic positive and negative production consequences of government policies will be reviewed as a backdrop to the current situation.

Some countries have enjoyed a more stable fiscal environment than others, and Colombia, in particular has been producing oil for almost a century with an unbroken record of contract stability. Colombia has 8% of the region’s oil production and less than 4% of the non-tar reserves. It produced around 720 mbopd and 1.1 bcfgd during 2010. The country has embarked on a set of policies to attract international oil companies and been rewarded with large numbers of concession awards and a high level of industry activity across the board. In addition, the recently privatized ex-state oil company, Ecopetrol, held a number of marginal field rounds and direct negotiations with IOCs over existing old fields which will be reviewed. These marginal field contracts after a rocky start have resulted in large increases of production in some very old fields but not in others.

Colombia has a large number of quite differing types of basin from the little explored Pacific fore-arc basins to the prolific sub-Andean basins such as the Llanos Basin. In spite of many surface hydrocarbon indications, only three of these basins contain substantial petroleum discoveries. All these basins remain of interest for exploration, with, as one would expect, the more mature regions containing mostly lower but still profitable potential.

Jerry Mathalone is vice president exploration and geosciences of PetroSantander Inc., a privately held oil and gas company with net production of 9000 boepd from operations in Colombia, USA, Romania and Brazil.

He received his MSc in petroleum geology from Imperial College in London and joined Phillips Petroleum working in West Africa and Norway followed by Charterhouse Petroleum UK and Egypt. Subsequent to their takeover by Petrofina, he worked on UKCS projects for two years before leaving in 1988 to join IPC in Dubai. As chief geologist for IPC, he was responsible for projects in various basins over West Africa, the Middle and Far East. In 1992 he moved to Houston as exploration manager for a related company, Eurocan Ventures, in operations and new ventures over most of South America. When the producing assets were sold to PetroSantander in 1995, he moved and has worked on their existing fields in the Americas, Europe and new ventures elsewhere.
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Northside Study Group

Methods of Achieving a Dual Gradient for Use in Deepwater Drilling

Speaker: Luc de Boer
Dual Gradient Systems

Date & Time: 11:30 a.m. luncheon
Tuesday, April 12

Location: Greenspoint Club
16925 Northchase (77060)

Cost: $30 per member preregistered
$35 for nonmembers and walk-ins preregistered
$40 per members/nonmembers post registration

Registration: www.spegcs.org
Deadline: Noon, Friday, April 8

The IADC defines “dual gradient” as the “creation of multiple pressure gradients within select sections of the annulus to manage the annular pressure profile. Methods include use of pumps, fluids of varying densities, or combination of these.” This presentation will discuss these methods and their commercial applications.

Luc de Boer began his career with a Dutch shipping company at various overseas locations. In 1974, he started as a trainee drilling engineer in the petroleum industry in the North Sea for Sedneth, a subsidiary of SEDCO. He then went to work for Phillips Petroleum in 1980 as a drilling supervisor. He transferred in 1986 and worked as a drilling engineer for Phillips in the North Sea and other international operations. From 1997 to 2000 Luc worked as a SDE for Arco in their international drilling operations groups. In 2000, he developed Dual Gradient Drilling Technology and founded Dual Gradient Systems LLC, while he continued to work as a consultant drilling engineer for various US operators, mainly deepwater projects in the Gulf of Mexico.

Luc is president of Dual Gradient Systems, a company founded in 2002 after patents were filed and initial feasibility studies were successfully completed.
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Permian Basin Study Group

Residual Oil Zone Symposium

Date & Time: 11:30 a.m. to 5:00 p.m. (followed by Networking Social) Monday, April 4
Location: Westlake Club
570 Westlake Park Blvd (77079)
Cost: $125 for members
$150 nonmembers and walk-ins
Registration: www.spegcs.org
Deadline: Noon, Friday, April 1st

Residual Oil Zones are formations that contain oil at saturations too low to be produced by primary production or waterflood. However, some projects have already recovered significant new reserves, and the remaining potential for additional floods is great both underneath existing CO₂ floods and even on previously unproductive acreage.

Speakers are Dr. Bob Trentham from the University of Texas Permian Basin (UTPB), Matt Honarpour from Hess, Dane Cantwell from Legado Resources, Steve Pennell from Kinder Morgan, and Michael Stell from Ryder Scott will share vivid experience in the field of analysis of potential ROZ and its development.

Please join us at the first industry event to be focused on this emerging opportunity.

---

Reservoir Engineering Technology Symposium

Friday, May 13th, 2011

Hess
One Allen Center
500 Dallas Street
Houston, Texas 77002

Cost: $75 for members preregistered and prepaid
$100 for nonmembers and walk-ins
Registration Deadline: noon, Tuesday, May 10

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Charles Perez has had a multi-decade career in the oil and gas business. He has worked in operations, construction, project development, and in consulting. Charles currently serves as the engineering manager at DCP Midstream and is also the senior project manager for projects in the Eagle Ford Shale.
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Enhanced oil recovery is perceived to have a history of unfulfilled promise. However, both thermal and carbon dioxide flooding technologies have proven successful; surfactant and polymer flooding less so as a result of the sustained oil price collapse of the 1980s.

Forecasts of world oil demand and supply include both undiscovered resources and EOR as significant contributors. With a world resource of some 9 trillion barrels, and production of just 1.1 trillion barrels to date, EOR has the advantage of knowing where its resources are.

In addition, plans to reduce atmospheric carbon dioxide provides an impetus for the implementation of CO2 sequestration projects - these can improve recovery factors worldwide, not just in the Permian Basin. Advances in polymer and surfactant flooding technology, and in oil field tools and techniques, make the application of those processes more robust.

EOR has not been present in the offshore; while applications present logistical as well as technical challenges, the offshore represents a large EOR opportunity.

To achieve and exceed the expectations of EOR’s contribution to supply, innovative political and commercial approaches are needed; for example, agreements regarding CO2 capture and transportation, NOCs and IOCs sharing the risk as well as the reward in EOR applications.

Paul L. Bondor retired from Shell after 35 years of technical and supervisory service. He has worked in EOR both in research (including 5 years as head of EOR research in the Royal Dutch/Shell Group), and in operations, including thermal and CO2 miscible flooding projects, and in pilot tests of polymer and surfactants. He has experience in primary development and waterflooding, both onshore and offshore (including the deepwater GOM). He holds BS, MS and PhD degrees from Case Institute of Technology. He has authored 14 technical papers.
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Westside Study Group

Distinguished Lecturer 2010-11 Lecture Season

Successfully Stimulating Complex Carbonate Reservoirs

Speaker: Ernie Brown
Pinnacle

Date & Time: 11:30 a.m. luncheon
Wednesday, April 20

Location: Westlake Club
570 Westlake Park Blvd (77079)

Cost: $35 per member preregistered
$40 for nonmembers and walk-ins

Registration: www.spegcs.org
Deadline: Noon, Monday, April 18

Please print and bring your receipt if you paid by credit card online

For nearly 80 years, stimulating carbonate reservoirs has been routine and deemed successful but often involved little more than placing acid across the face of the formation. With approximately half of the world’s proven reserves of oil and gas in carbonate or fractured reservoirs, it is apparent that new ideas and technologies are required to help increase both production and overall recovery from these complex reservoirs. New approaches are being utilized for better petrophysical models in carbonates and this information is leading to improved stimulation methods. This presentation focuses on the key developments in stimulation that target carbonate reservoirs and the appropriate completion methodologies required in these highly complex and heterogeneous reservoirs.

Ernie Brown, Advisor for Stimulation and Production services, Stimulation Domain Technology Director for Schlumberger, is currently based in Sugar Land, Texas. Beginning his career in 1979 with Dowell as a field engineer, he has held a variety of technical positions focused on reservoir stimulation and production in various locations throughout the world. Additionally he has held positions in both research and engineering, holds 18 patents, has co-authored over 25 technical publications, and has contributed to three reference books relating to well stimulation and completions. He holds a degree in geology from Colorado State University in Ft. Collins, Colorado.

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Some estimate that 90% of U.S. onshore gas wells are producing below the critical rate, are liquid loaded, and production is impaired.

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Dr. Adel Chaouch is the director of Corporate Social Responsibility for Marathon’s worldwide activities. His current responsibilities include corporate reporting; stakeholder engagement, corporate strategy, oversight and overall coordination of the Company’s sustainable development initiatives; and the development of related corporate policies. He is also responsible for the development and execution of the company risk mitigation strategies for current and planned ventures.

He was previously the sustainable growth manager for Marathon Central Africa Operations based in Equatorial Guinea. He led the development of Marathon’s social responsibility strategy and programs in Central Africa, including the Bioko Island malaria control project and related initiatives. He has been associated with several developments in the oil & gas sector of Equatorial Guinea since 1998, including the development and project management of the methanol and gas production facilities.

Prior to working with Marathon Oil Company, he held technical and managerial positions of increasing responsibilities with research, consulting and EPC companies. He worked as division manager and project lead with Raytheon E&C Company on major projects, mostly infrastructure development, heavy industry facilities, energy projects such as refineries, power generation facilities and pipelines, in the Americas, the Caribbean, Europe, Africa and South East Asia.

Adel completed his undergraduate degree in mathematics and physics at Saint-Louis College, Paris, France in 1990. He earned simultaneous masters’ degrees in engineering from Texas A&M University, College Station, Texas and from the E.S.T.P., Paris, in 1991. He also received a Ph.D. in engineering with emphasis on deep water offshore structures from Texas A&M University.

He is board registered as a Professional Engineer in the State of Texas. He is a member of the American Society of Petroleum Engineers, the American Society of Civil Engineers, and is listed in the Who’s Who of International Professionals and the national Who’s Who register of executives. He is president of the board of the Corporate Alliance on Malaria in Africa, Chair of the advisory board for the GE Geosciences Program of the University of South Carolina and Universidad Nacional de Guinea Ecuatorial. He also serves on the board of UNICEF, U.S. South West region.
Development Dinner: Knowledge Management and Communities of Practice in Career Development
Speaker: Robert (Bob) Holcek, Deepwater Theme Manager, Schlumberger
Date, Time & Location: 19 April 2011, 6PM-8.15PM, Westlake Club, Houston, Registration: http://www.specgs.org/en/cev/1914
In a global company or organization, it can be challenging to connect with technical experts and obtain the right information where and when you need it. Additionally, for a young engineer it can be intimidating to stand out and make yourself visible in such a large population if you are not prepared with the right information. Properly locating the right expertise and knowledge is not only critical to conduct business, but also is important to advance one’s own career. Knowledge Management (KM) and Communities of Practice (CoP) are tools each engineer should use to their full extent to gain information and manage their career path. Knowledge Management is the process of capturing and re-distributing expertise; a Community of Practice is a group of people within a common technical discipline, for example production or reservoir engineering. This talk will discuss speaker’s own experience with KM tools, his involvement within his CoP, and how these have influenced speaker’s career development. For questions or inquiries, please contact Stephen Ingram (stephen.ingram2@halliburton.com)

Volunteer Judging at 2011 Science and Engineering Fair of Houston
Volunteer Judges are needed for the 2011 Science and Engineering Fair of Houston. Judging will take place all day Friday April 8th. There are several timeslots and categories available. Science Fair judges must submit an application no later than March 31. If you’re interested in volunteering as a science fair judge with SPE, please contact Reilly Bliton at (reilly.j.bliton@exxonmobil.com).

Career Expo - Science and Engineering Fair of Houston
Date, Time & Location: 9 April 2011, 9AM-2PM, George R. Brown Convention Center, Registration: http://www.specgs.org/en/cev/1984
In celebration of the 2011 Engineering Fair of Houston, SEH and Consumer Energy Alliance (CEA) will hold the first annual SEH-CEA Science & Energy Career Expo on April 9, 2011. The Expo will give Houston-area companies and organizations the opportunity to meet and engage the student participants and judges of the 2011 Science Engineering Fair of Houston, as well as teachers, friends and family of the students. Exhibitors will represent companies and organizations from the Houston-area involved in science, medicine, engineering, transportation and energy. SPE volunteers are needed to engage the student participants, help with simple petroleum engineering demonstrations, and answer any questions the guests may have. For questions or inquiries, please contact Reilly Bliton at (reilly.j.bliton@exxonmobil.com).

Good Wine, Great Conversations: A Women’s Wine Tasting Social
Join SPE Young Professionals at Block 7 Wine Company on Wednesday, April 13th for an evening of networking with fellow female YPs in the energy industry. This informal event provides an opportunity for female SPE-YPs to network with each other and with senior level female leaders who will be discussing their careers and experiences in the energy industry. We encourage SPE members to bring a non-member in order to introduce more females to the SPE-YP experience. We hope to see you there for an evening of wine, food, and great conversations. For questions or inquiries, please contact Paige Campbell (Paige.Campbell@shell.com)

BOEMRE reforms, regulations, and the ongoing reorganization
Michael R. Bromwich, Director, Bureau of Ocean Energy Management, Regulation and Enforcement
Date, Time & Location: 2 May 2011, 7.30AM-10AM, Houston Hyatt- Downtown, Registration: http://www.specgs.org/en/cev/1983
Bureau of Ocean Energy Management, Regulation and Enforcement (BOEMRE) reforms, regulations, and the ongoing reorganization as well as how things have changed since April 20th 2010. For questions or inquiries, please contact Stephen Ingram (stephen.ingram2@halliburton.com)

Volunteer to make an impact at OTC 2011!
Date, Time & Location: 4 May 2011, 9AM-12PM, Reliant Park, Houston Registration: http://www.specgs.org/en/cev/1967
The SPE Gulf Coast Section Young Professionals invites you to join us as we guide high school students through the 2011 OTC exhibits. We will pair you with 10-15 students and 1 chaperone. This is an opportunity to share your experience in the oil and gas industry while making an impact in the lives of high school students. Complimentary conference badge and parking pass will be provided by OTC for your participation. Free admission to the conference! For questions or inquiries, please contact Ghislain Yengo at GFaiyengo@slb.com.

Emerging Engineers Conference-2011
Date, Time & Location: 2nd & 3rd June 2011, 8AM-5PM, WesternGeco, 10001 Richmond Ave, Houston TX 77042 USA
Do have a new energy related project you’ve been helping to develop? The young professionals in SPE-GCS encourages you to share your knowledge, ideas, expertise, innovations, best practices and case studies by submitting an abstract to the 2011 Emerging Engineers Conference (EEC) Poster Session held at the WesternGeco facility in Houston on Thursday, June 2nd. The EEC is the most highly attended conference among young professional in SPE-GCS, and this is an excellent opportunity to showcase your success in a poster session. Please submit an abstract (500 words max) of a project you have made a significant contribution to Maricel Marquez (moxw@chevron.com). Please include your company, years in the oilfield, and contact information with your abstract.
Planning on being in Houston in May? Combine travel with training and:

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Select from these special courses being offered during the month of May. All Sessions will be held at:
The Holiday Inn Houston South Loop
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**Diagnosis and Practical Solutions for Wellbore Fluid-and Heat Flow Problems**
April 30 – May 1
8:00 – 17:00
This two day course exposes participants to various elements of fluid and heat flows that occur in petroleum production and extends basic principles to tackle flow assurance and reservoir surveillance related problems.

**Petroleum Reserves**
April 30 – May 1
8:00 – 17:00
Instructed by: Dr. John Hodgin
This two day course is designed to instruct in the estimation of petroleum reserves under SEC and SPE/WPC reserves definitions guidelines.

**Horizontal Well Completions**
May 6
8:00 – 17:00
Instructed by: Steve Mathis, B.S and an M.S. in Geotechnical Engineering
This one course develops strategies for completing horizontal wells with either cased or open hole configurations, with or without sand control.

**Introduction to Managed Pressure Drilling**
May 6
8:30 – 16:30
Instructed by: Dr. Deepak M. Gala
This course will provide a solid introductory learning platform for MPD, and is appropriate for those who are new to the industry.

**Shale Gas Development**
May 6
9:00 – 18:00
Instructed by: Steve Hennings, MS, and P.E.
This one day course will teach participants how to review the status and characteristics of various shale gas plays, recognize the factors controlling gas-in-place, reserves, and productivity, understand how to collect, analyze, and interpret critical data and much more.
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Alex McCoy  
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alexander_mccoy@oxy.com
## April Events

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