**May 16, 2013**

**General Section Meeting**

**Topic:** Shale Resource Assessment and Development—Full Life Cycle Integrated Approach

**Speaker:** P.K. Pande, Anadarko Petroleum Corporation

**Date:** Thursday, May 16, 2013 @ 11:30 AM

**Location:** The Petroleum Club, 12th Floor, 5060 California Avenue, Bakersfield

**Cost:** With online payment or RSVP: $20 members, $25 non-members. Walk-ins: $25 members, $30 non-members

**Reservations:** RSVP by Tuesday morning May 14th, using one of the three options:

- Using the corresponding link below to pay online using your Visa, MasterCard, American Express, Discover or PayPal account:
  - PayPal Link for SPE Members - $20
  - PayPal Link for Non-SPE Members - $25
  - OR if the above links don’t work copy these links in your browser’s address box

- Members
  - https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&button_id=PP4HDJQYWGCEU

- Non-Members
  - https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&button_id=87GWKA2H56RX4

- OR, Email Pamela Willis at PTWillis@aeraenergy.com

- Call (661) 665-5449

Walk-ins and attendees with email/phone RSVP must pay by cash at the door. Sorry, no credit cards accepted at the door. RSVP no shows may be billed.

**ABSTRACT:**

Key issues and uncertainties in shale resource development are resolved as plays move from resource assessment to full scale development utilizing a full life cycle integrated approach essential for value creation and ensuring growth in production and reserves. The design, planning, and implementation of systematic and scalable Field Demonstrations are essential elements required to address strategic, development, and operational issues. Mechanistic studies are used to understand the key production drivers. This presentation demonstrates the application of new processes and advances which are key to appraisal and development of global shale resources.

**SPEAKER:**

P.K. Pande is Director of Reservoir Technology/Reservoir Characterization for Anadarko Petroleum Corporation. His responsibilities include managing an integrated team of subsurface professionals in application of subsurface technologies and best practices for Deepwater and Unconventional resources worldwide.
The 2012/2013 term will end on June 30th and we are looking for SJV SPE members to post for a position on the board. The SJV SPE has a long tradition of excellence in participation and serving as a board member is very rewarding. Having been involved over the last 6 years, I can speak from my own experiences. Please see the attached self-nomination form or you can nominate one of your colleagues if you so wish. This is a great opportunity to serve and give back to the SPE and the local community.

Again our golf tournament was a huge success and I would like to thank all our sponsors and the participants who helped to make this a wonderful tournament. The golf committee and the volunteers did an awesome job of making our Annual Tournament a great success! The feedback we have received is very inspiring and we look forward to another successful tournament in 2014. Please look for tournament pictures in this newsletter.

The San Joaquin Valley chapter scholarship application deadline is almost here. We are still looking for applicants from the San Joaquin valley who plan on majoring in Engineering, Environmental or Earth Sciences. Please encourage your eligible college bound young adults to apply for this prestigious award. The application form is available on the SJV SPE website.

Lastly, when I announced the three SJV award winners at the 2013 SPE Western Regional Awards in Monterey California, I made a mistake and left out Reza Rastegar who also won as Regional Young Member Outstanding Service Award and Aera Energy who won for Distinguished Corporate Support. Please join me in congratulating the 2013 SPE Western Regional Award Winners and note the SJV winners in red italics.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Regional Completions Optimization and Technology Award</td>
<td>Jennifer Julian</td>
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<tr>
<td>Regional Distinguished Achievement Award for Petroleum Engineering Faculty</td>
<td>Behnam Jafarpour</td>
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<td>Regional Formation Evaluation Award</td>
<td>Douglas Hupp</td>
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<td>Regional Health, Safety, Security, Environment, &amp; Social Responsibility Award</td>
<td>Marina Voskanian</td>
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<td><strong>Regional Production and Operations Award</strong></td>
<td><strong>Rakesh Trehan</strong></td>
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<td>Regional Projects, Facilities and Construction Award</td>
<td>Theodore Frankiewicz</td>
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<td>Regional Reservoir Description and Dynamics Award</td>
<td>Guo-Qing Tang</td>
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<td>Regional Service Award</td>
<td>Eric Withjack</td>
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<td><strong>Regional Service Award</strong></td>
<td><strong>Andrei Popa</strong></td>
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<td>Regional Service Award</td>
<td>Vega Sankur</td>
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<td><strong>Regional Young Member Outstanding Service Award</strong></td>
<td>Reza Rastegar</td>
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<td><strong>Regional Young Member Outstanding Service Award</strong></td>
<td>Keith Kostelnik</td>
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<td><strong>Distinguished Corporate Support</strong></td>
<td>Aera Energy</td>
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Thank you for the opportunity to serve you.
Until Next Time,
Max Solanki
# SJV SPE Board of Directors
## 2012-2013

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<td>Vintage Production Calif.</td>
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<td><a href="mailto:twalsh@petroak.com">twalsh@petroak.com</a></td>
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2013 Election  
San Joaquin Valley Section – Society of Petroleum Engineers  
Nomination Form for 2013-2014 Term  

Thank you for volunteering for the SPE Board, please fill out the information and return by May 28, 2013 to Max Solanki @ max_solanki@oxy.com

<table>
<thead>
<tr>
<th>Personal Information</th>
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Brief Work History

SPE & Petroleum Industry Contributions

Candidate Synopsis
Describe why you would like to serve on the SJV Board and what you would like to contribute (~30 words):

Note: Responses will be placed in newsletter for voting purposes.
SPE Surface Study Group Lunch

ESP FAILURE ANALYSIS – FAILURE CLASSIFICATIONS & ROOT CAUSES DETERMINATION

Speaker: Lina Situngkir, Technical Support Engineer General, Baker Hughes
Date: Wednesday, May 08, 2013, at 11:30 a.m.
Location: Stockdale Country Club, 7001 Stockdale Hwy, Bakersfield, CA 93309
Reservations: RSVP via email to Rakesh.Trehan@halliburton.com Or Reserve via PayPal by Tuesday noon, May 07, 2013
Walk-ins $25

SPE Members ($20) ➔ Pay by below Paypal Link
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=BBLQ5KGWSFGC

Non-Members ($25) ➔ Pay by below Paypal Link
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Abstract
ESP as one of artificial lift method had been especially utilized at all field with a high production rate. ESP is operable from 400 BFPD up to 20,000 BFPD at 1,000-10,000 feet below the surface, and delivered for both onshore and offshore application. ESP could also handle harsh environment in the well such as, high gas content, abrasive, high water cut, and high temperature conditions. For the above reasons, ESP has been pointed as one of the critical equipment in transporting hydrocarbon from the ground to surface; their failures could cause a big impact to the well production and company’s profitability.

ESP reliability is mainly maintained by ESP producer and Oil Company in order to prevent oil losses and rig down time. A comprehensive ESP failure analysis helps ESP supplier to improve their product performance and at the same time to improve Oil Company productivity.

On this occasion, a highly important information delivered to any party that interesting in knowing ESP failure classification and root causes based on 2 perspectives, both ESP supplier and oil company. There are actually some differences are made by these 2 parties in determining failure category and root causes based on their focuses and interests.

The last but not least, is the implementation of “root cause mapping” that usually used by ESP Reliability Engineering Group in determining root cause of the failures.

This presentation also will not limit to the following sub-topics:
1. ESP Failure Terms & Classifications
2. ESP Failure Modes
3. General Process of Tear Down/Dismantle & Inspection
4. Cause Mapping
5. Root Cause of Failures Determination

Biography
Lina Situngkir has been Technical Support Engineer General for Baker Hughes since 2012. Lina has 11 years of working experience in Artificial Lift Systems, mostly at Electrical Submersible Pumps specializations. Lina worked with Schlumberger for 4 years before joining Baker Hughes in 2010. Lina graduated from University of Riau in Chemical Engineering in 2006 and also graduated from Polytechnic of North Sumatera, Indonesia, majoring Energy Engineering in 2001.
SPE Subsurface Study Group Lunch

A Novel Approach to Well Communication That Drives Higher Profits in Improved Oil Recovery Projects

Speaker: Freeman Hill, Petroleum Engineer & Dan Pender, Business Development Director for Baker Hughes Water Management Division

Date: Wednesday, June 12, 2013, at 11:30 a.m.
Location: Stockdale Country Club, 7001 Stockdale Hwy, Bakersfield, CA 93309
Reservations: RSVP by Monday, June 10, 2013, after June 10th, fees go up by $5.00.
RSVP via email to TJHampton@AeraEnergy.com
Or reserve via PayPal:

Members ($20) https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=QKNNLT822SJCE
Non-Members ($25) https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=ZAB8292DUN4XY

Abstract

Managing flow patterns between injectors and producers is imperative to maximize recovery and minimize costs. Inefficient flow patterns are common and costly in secondary and enhanced oil recovery (EOR) injection programs due to geological factors and dynamic changes in the reservoir over time. Well-communication analysis provides insight into geology and flow patterns between injectors and producers. A new crosswell energy analysis method identifies flow patterns and the magnitude of connections from injectors to producers. It also pinpoints cycling origins, ineffective patterns, unsupported areas, and bypassed hydrocarbons.

Poor sweep efficiencies results in a very inefficient flood and is a major cause for flood failures. Often, poor reservoir conformance results in rapid breakthrough of injection fluids directly into the producers, bypassing hydrocarbons. These reservoir flow paths can be treated with polymer gel systems to improve their sweep patterns. Whether treated from the injection wells or the producing wells, polymer gel treatments have a proven record of dramatically improving the conformance of fluid flow in petroleum reservoirs.

Finding and fixing these issues in secondary and EOR projects can produce better recovery rates and better profitability in underperforming secondary and enhanced recovery projects.

Biography

Freeman Hill has a Petroleum Engineering background and has been with Baker Hughes for several years. He has held positions in several groups, including geosciences, operations, sales, and marketing. Currently, he is the Product Line Manager for Subsurface Water Management. Freeman holds 12 patents and has published and contributed to technical papers for the SPWLA and SPE. He has also served as the President of the Society of Professional Well Log Analysts in Houston.

Dan Pender is Business Development Director for the Baker Hughes Water Management division. Dan has 25 years of experience in the design and implementation of polymer systems for water shut-off in production wells and sweep improvement for injectors. He has been involved with many projects, both in the U.S. and worldwide. Dan was President of Gel Technologies Corporation prior to Baker Hughes acquiring the company in April 2011. Dan currently serves on the advisory board for the Petroleum Engineering department of University of Kansas. He is a graduate of Texas Tech University.
Motivation is a driving force that propels us towards our career and personal goals. This is what employers value in their employees, and what keeps the employees engaged with the work they do. Although it is an essential part of everyone’s life, it is often hard to find it and maintain; especially for long-term goals. In 21st century, professionals of many industries face more challenging problems, deal with higher stress environments, and do less routine and straightforward work than ever before, but rather perform tasks that require more creative and “outside-the-box” thinking. In that new environment, more and more businesses are looking for better ways for keeping their employees motivated to meet high demands of the economy and gain advantage over competition. This presentation will give you an overview of where human motivation originates from, main factors affecting it, and review both traditional motivation methods used by businesses for decades and the results of the latest research in psychology, which will give you an insight into interesting and surprising facts about motivation and employees engagement.

Ksenia Eliseeva is district technical engineer for Schlumberger’s Pressure Pumping Services in California. Ksenia has worked in the industry since 2004 with the experience ranging from Research & Development to Operations roles in Russia and United States. Her current job focuses on technical support for clients, implementation of new technology and training and development of field engineers. She holds MS degree in chemistry from Novosibirsk State University, Russia. Ksenia has been an SPE member since 2004, is a co-author of four SPE papers and four patent applications and serves on SPE SJV Board as Newsletter co-editor since 2012.

Wednesday, May 15th, 2013 at 6PM

Valley Room of the Four Points Hotel, 5101 California Ave

Please bring your friends, spouses and co-workers and join us for a Social hour of drinks, dinner, and a brief presentation

RSVP by Tuesday, May 14th: $30 per person (Click Below)

https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=NODRBAUY6NY9W

Walk-ins are welcome (if space is available) - $35 (Members/Non-Members) –(Card)

Event Contact: Jorge Quiroz (661) 487-2325 Jorge.Quiroz@bakerhughes.com
Krisna Wardhana (661) 747-2189 Krisna_Wardhana@oxy.com
Young Professionals Speakers Wanted!

Take your chances on winning a free iPad w/ Retina Display!

Sign up to speak at an YP event and share about your personal and professional development in the industry, whether it is a Technical or Non-Technical topic. At the end of the year, each presenter will have an equal chance of winning through a raffle!

Event Contact: Krisna Wardhana 661-747-2189 Krisna_Wardhana@oxy.com

Event Contact: Jorge Quiroz 661-487-2325 Jorge.Quiroz@bakerhughes.com
Cross Generational Workshop

Tuesday, August 13th, 2013 — 9:00 AM – 4:00 PM

Please join us for a workshop to discuss cross-generational communication, share best practice for working together and team-based discussion and presentation of real world business case studies. The event will consist of three main components - keynote speech, panel discussion and team-based case study plus presentation of findings.

Technical and soft skills are important for career successes. This one day experiential soft skills workshop provides an opportunity to enhance understanding and application of soft skills in the workplace. The objective of this participatory workshop is to explore the practical application of soft skills through case studies facilitated by seasoned soft skills facilitators. Come and enjoy this special learning experience.

The workshop targets young professionals, mid-career professionals, seasoned professionals, and post-employment professionals. Attendees explore the balance and application between technical and soft competencies expected of industry professionals.

- If you are a manager or a project lead, and want to learn how to lead a cross-generational group, this is your chance!
- If you are a Generation Y going to school, and you want to learn how to fit in and excel upon entering the workforce, this is your chance!
- If you are a young professional puzzled how your boss, co-workers, and interns interact, do not miss this workshop!
- If you are a mid-level professional and want to adjust and excel in working with cross-generational members, this is the workshop!
- If you are a seasoned professional and want to continue to be successful when working with cross-generational teams, this is the workshop!

Dr. Behrooz Fattahi, 2014 AIME President, will deliver the keynote speech to provide insights into soft skills and career success.

Bakersfield Petroleum Club
5060 California Ave,
Bakersfield, CA 93309

- Check-in & Network
- Keynote Speech: Dr. Behrooz Fattahi
- Panel Discussion
- Case Study Learning Experience
- Case Study Summary
- Conclusions and Feedback

**Registration:** $75
**Students:** $10
No Walk-ins Will Be Accepted!

Register and pay via PayPal with the links below

**Professionals**
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=FV9WHNRQWXF4C

**Students**
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=GBADAZ7KHLTTC

**Registration Deadline:** August 6th, 2013, 5:00 PM

For questions contact: Keith Kostelnik at keith_kostelnik@oxy.com
**PROFESSIONAL SPOTLIGHT**

**STEVE HALL**

Steve Hall is Regional Vice-president at Schlumberger in California. Steve started his 28-year career as a Wireline field engineer and worked all over the world (US, Europe and Middle East) holding various technical, operations, management, quality systems, sales and marketing positions. He holds a BS degree in chemical engineering from Worcester Polytechnic Institute, Massachusetts and MBA from Tulane University of New Orleans, Louisiana. Steve received multiple awards for excellence in safety and service quality being recognized both internally and by the customers. He has been an SPE member since 1992 and is an active participant of organizing committees for various SPE events. Outside of work Steve calls himself an “ocean person” and enjoys sailing, swimming and spending time on the beach with his family. On land golf and running are his favorite activities.

**SPE SJV:** What motivated you to become a field engineer 28 years ago?

**SH:** Growing up in New England I was not familiar with the oilfield industry at all. One day Schlumberger, which I had never heard of before either, came on campus for a recruiting event. I went to that information session and was excited at the idea of becoming a field engineer. I knew I was not ready to start an “office” job and wanted to travel the world. Field engineering appealed to several of my interests at the time, I joined the industry and it’s been almost 29 years since then!

**SPE SJV:** Throughout your career you moved 14 times, what is your strategy to adapt quickly to new environments?

**SH:** It is actually fairly easy for me for two reasons: one, I like change, and two, Schlumberger as a company is accustomed to people moving all the time and everyone is very welcoming. As long as you are excited about the change, it works very well. However, it is usually more difficult for the family. I go to work every day to a Schlumberger office and the workplace is typically very consistent in terms of level of support and even appearance, whether it is in Qatar or in California. Whereas the home environment can vary significantly, which at times made it harder for my wife and daughter to adapt.

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PROFESSIONAL SPOTLIGHT: STEVE HALL

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SPE SJV: You have held multiple management positions in Operations—from a district to a country. What is the key for managing people and keeping them motivated?

SH: First, set a clear direction for your team and communicate it over and over again. You can’t accomplish everything overnight, and sticking with a simple message and keeping everyone focused on it is the key. Second, you have to follow up. Any new initiatives put in place: creating a system, setting the objectives, will not make it too far without a follow up. And once the team understands that you will be following up on the progress, expecting and measuring the results, it boosts the productivity. In a nutshell: communicate your expectations and then follow up. That’s enough to have good people deliver on anything.

SPE SJV: You are an expert in Lean Six Sigma implementation, where does our industry stand in terms of applying these concepts?

SH: As an industry we are certainly behind compared to classic manufacturing. A lot of major producer and service companies are actively implementing Lean Six Sigma. The main challenge across the industry is inconsistency of implementation of this initiative within companies: some places the Lean projects are taken to perfection, in other locations it may be non-existent. It has to be embraced at the high enough level in any company to be implemented more evenly throughout organization and really get full benefit of it.

SPE SJV: What was the most interesting assignment in your career?

SH: Working in Qatar as Wireline operations manager was a great experience. At the time it was the fastest growing economy in the world, we were working to deliver LNG that was already sold 7 years earlier and the first delivery date was approaching. The whole industry there was working on developing and producing the largest gas field in the world trying to meet the demands and the deadlines. Efficiency was the key; you could not be the bottleneck as it affected the entire industry. It was certainly a “pressure cooker” environment, but we had a fantastic team and were very successful. It was probably the most exciting experience in my career.

SPE SJV: What is something you know now that you wish you knew when you just started your career?

SH: First, it’s really how you develop as a manager and how you motivate people. It is important to understand the person’s motives and aspirations without trying to apply some generic means of motivation; particularly if you have an underperformer. Early on I don’t think you are wise enough to take your time, analyze and find the best way to motivate your people. Today I am much better at that.

Second, with age comes wisdom and you don’t overreact the way you do when you are younger. When you first hear something you have to step back and evaluate: Is it really true? Is it being relayed to me properly? You need to get more facts rather than flying off the handle. Things are never black and white and taking the time to investigate saves you a lot of embarrassment.

Do you know someone who has done something special or would like to share his/her insight on the profession? Nominate your colleague for Professional Spotlight!

Send your suggestions to knosova@slb.com

Have a question you want to ask a Professional in Spotlight? Very easy! Send your questions to knosova@slb.com and the best ones will be included into interviews!

We would love to hear from you! Please forward your questions, suggestions or comments about this column or the Newsletter to knosova@slb.com and nelm@cannoncorp.us

Find more interesting articles and local SPE news at http://connect.spe.org/SJV
Microbial EOR Technology

John Fisher, Global Technology Implementation Manager at DuPont was our speaker for April General Section Meeting. Mr. Fisher is responsible for leading the development and commercial implementation of MATRx™ Microbial EOR technology and the evaluation and development of other novel EOR technologies. He has more than 30 years of experience in technology development, project management and licensing with DuPont and Nova Chemicals. His presentation reviewed the mechanisms examined during years of extensive fundamental research at DuPont, as well as how this research has provided many insights into the appropriate application of microbial EOR, taking into consideration the unique aspects of each production area, the nature of the oil, the water, the formation matrix, and the background microbial population and their complex interaction.
HIGHLIGHTS of APRIL

From Our April 2013 Young Professionals Dinner Meeting

History of Down Hole Cameras and Applications

Gregg Linville, Western Regional Manager at EV Down Hole Camera Services was our speaker for April Young Professionals Dinner Meeting. Mr. Linville started his career in oilfield in 1981 and has wide range of experiences working with fiber optic materials and downhole cameras in US and overseas. Throughout his years with DHV, he helped pioneer the first fiber optic cable and seal assembly applicable in high pressure deployment of fiber optics into an oil and gas well and received a patent for his down hole camera design, which is currently used by Expro. His presentation focused on history, technical details and features of downhole cameras and advantages of using them in oil and gas wells.
SPE Golf Tournament
April 05, 2013

Annual SPE Golf Tournament was held at Sundale Country Club on April 05, 2013 and was a huge success. SPE SJV Board would like to thank all sponsors and participants! Pictures are available for download at http://connect.spe.org/SJV/CommunityResources/Resources/ViewDocument/?DocumentKey=4073203e-7bf5-42a8-94ad-ab9cd8691a2e

TOURNAMENT RESULTS

TOURNAMENT RESULTS

Place and Category | WINNERS—MORNING FLIGHT
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1st Low Gross. Gross 60 / Net 55.6 | Team 1A: M. Ripley, S. Rodriguez, B. Erlendson, J. Johns
1st Low Net. Gross 63 / Net 55.3 | Team 4A: S. Eschner, S. Rowlee, G. Horace, B. Frankhouser
2nd Place Net. Gross 73 / Net 56.5 | Team 9A: G. Franklin, B. Roth, B. Grace, Lane Lyons.
3rd Place Net. Gross 73 / Net 56.5 | Team 9B: C. Smith, M. Funemayor, N. Silven, A. McLean.

Longest Drive hole #5 | Brian Jenkins
Longest Drive hole #10 (Women) | Sara Alsbury
Longest Drive hole #10 (Men): | Tim Gooding
Closest-To-Pin hole #17 (Men) | Bill Hedrick

Place and Category | WINNERS—AFTERNOON FLIGHT
--- | ---
1st Low Gross. Gross 60 / Net 55.6 | Team 10A: S. Harrington, M. Odom, R. Penny and D. King
1st Low Net. Gross 63 / Net 55.3 | Team 8A: T. Kline, Y. Kirkwood, J. Haggerty & L. Murray
2nd Place Net. Gross 73 / Net 56.5 | Team 7A: Matt Machado, B. Arnold

Longest Drive hole #5 | Alan Spydell
Longest Drive hole #10 (Women) | Matt Machado

Winners of Golf Tournament (1st Low Gross category): Mike Ripley, Sam Rodriguez, Bill Erlendson, and Justin Johns (Left); Seth Harrington, Mark Odom, Ray Penny and Derek King (Right). Photo by Ksenia Eliseeva.
SJV SPE Continuing Education
Courses Coming Up

May 7, 2013  Data Mining Techniques for Production Optimization
(8:00 am – 5:00 pm); $780 for SPE members, $880 for non-members
University of Phoenix, Bakersfield

Instructor: Andrei S. Popa, Ph.D.

Course Description: This one day short course is intended to cover the fundamentals of Data Mining (DM) and Artificial Intelligence (AI) techniques as applied to the oil and gas industry. This course is designed to provide a solid foundation to those interested in learning how to use basic and advanced intelligent tools in solving complex optimization problems. The attendees will first learn the theoretical background of AI&DM tools including clustering techniques, neural networks, genetic algorithms, fuzzy logic and case-based reasoning. Then they will be introduced to a suite of real world production and reservoir optimization cases and the solutions developed using single or hybrid Artificial Intelligence tools. The course wraps-up with a demonstration of a problem set-up, methodology workflow and proposed solution.

For more information go to the link: http://connect.spe.org/sjv/events/eventdescription?CalendarEventKey=1b812cede-be58-440b-a471-be702fb8d136

May 20-23, 2013  ASME B31.3 Process Piping
(8:00 am – 5:00 pm); $2,100 for SPE members, $2,200 for non-members
University of Phoenix, Bakersfield

Instructor: Mr. Glynn Woods

Description: The lack of commentary, or historical explanation, regarding the B31.3 Code design requirements for process piping design and construction is an obstacle to the designer, manufacturer, fabricator, supplier, erector, examiner, inspector and owner to provide a safe and economical piping system. This intensive four-day course, through the use of hundreds of slides shown of actual piping installations, and personal experience of the instructors, demonstrates how designers have correctly and incorrectly applied the B31.3 Code. This seminar explains the intent of the Code with respect to design and why the Code is not a design handbook. Attendees come away from this seminar with a clearer understanding of how piping systems fail and the requirements (and guidance) of the code to prevent such failures. Attendees will gain experience with the concerns and questions that must be addressed to produce a safe piping system, and will learn where and how to get these answers.

For more information go to the link: http://connect.spe.org/sjv/events/eventdescription?CalendarEventKey=5ac55c57-5be5-4dd1-9758-44123c278686
May 29-30, 2013  

**Chemical Enhanced Recovery**  
(8:00 am – 5:00 pm); $1,400 for SPE members, $1,600 for non-members  
University of Phoenix, Bakersfield  

**Instructor:** Mojdeh Delshad  

**Description:** This 2-day course is a review of the fundamental principles of displacement and phase behavior needed to understand chemical EOR methods. It provides an overview of four major types of chemical EOR, specific chemicals in each category, conditions in which they work and special problems encountered with each.  

You will gain a better understanding of why EOR is used, greater awareness of the classifications of EOR methods and increased knowledge of how each chemical EOR method works.  

For more information go to the link:  
[http://www.spe.org/training/courses/CER.php](http://www.spe.org/training/courses/CER.php)
### Keynote Speakers

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<thead>
<tr>
<th>Dr. Mike Watts</th>
<th>Sastry Karra</th>
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<tr>
<td>Deputy Chief Executive, Cairn Energy</td>
<td>Executive Chairman, Inergia Petroleum</td>
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<tr>
<th>Didier Holleaux</th>
<th>Nick Davis</th>
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<td>CEO, GDF Suez E&amp;P</td>
<td>Partner, Memery Crystal</td>
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<th>Nick Cooper</th>
<th>Eric Oudenot</th>
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<td>CEO, Ophir Energy</td>
<td>Principal, BCG</td>
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<th>Neil Gilmour</th>
<th>Martin Copeland</th>
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<tr>
<td>VP Integrated Gas Development, Shell</td>
<td>Managing Director - Oil and Gas, Evercore</td>
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<th>Galib Virani</th>
<th>Majid Shafiq</th>
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<tr>
<td>Associate Director, Afren</td>
<td>Managing Director, Corporate Finance, First Energy Capital</td>
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<th>Rob Leonard</th>
<th>Bruno Gama</th>
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<td>Business Development Director, AMEC</td>
<td>Senior Consultant, Palantir</td>
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<th>Sarah Wharry</th>
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<td>Corporate Finance, Oil &amp; gas, RFC Ambrian</td>
<td>Head, Licensing Exploration &amp; Development, DECC</td>
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<th>Robert Hodges</th>
<th>Gareth Burns</th>
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<td>Tax Director, Ernst &amp; Young</td>
<td>Senior VP, Strategy and Business Development, Exploration, Statoil ASA</td>
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The conference programme has been meticulously designed to be of interest to a unique mix of technical, commercial and financial professionals and investors.
Announcing the SPE SJV Section Monthly Networking Bash

The May Sponsor is B & L Services.

Thursday, May 30th, 2013
5:30-7:30 @

Padre Hotel - Prairie Fire Rooftop Patio
1702 18th Street

SPE Networking bashes are held monthly as a service to our members. This is a great opportunity to come out and meet people from all areas of our industry in a social setting. Our sponsor generously provides appetizers for your enjoyment while you are meeting new people or visiting with a long time colleague. Non-member guests are always welcome to attend.

RSVP to Tara Butler @ tbutler@enovaes.com or 661-319-4022
The SPE SJV Section would like to thank Baker Hughes for sponsoring the April Networking Bash!

SPE Networking bashes are held monthly as a service to our members and are great opportunities to come out and meet people from all areas of our industry in a social setting. Our sponsor generously provides appetizers for your enjoyment while you are meeting new people or visiting with a long time colleague.

We are always looking for companies or individuals that would like to sponsor this event. For additional information please contact Tara Butler @ tbutler@enovaes.com or 661-319-4022.

WTI & California Midway Sunset Oil Price

Oil Price ($/bbl)

MWSS ($/bbl)

WTI ($/BBL)
# 2013 Cannon Classic

**SPE Annual Golf Tournament**

**Friday, May 24, 2013**

Cypress Ridge Golf Course
780 Cypress Ridge Pkwy, Arroyo Grande, CA 93402

**Registration and Payment by Friday, May 17, 2013**

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*(Captain)*

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**In addition, I would like to be a:** (check one)

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<th>Sponsor</th>
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<tr>
<td><strong>Platinum Sponsor</strong></td>
<td>Company logo in PowerPoint presentation, logo included in our press releases and on our website along with a hole sponsorship. Set up a tent or table at the hole.</td>
<td>$1,000</td>
</tr>
<tr>
<td><strong>Gold Sponsor</strong></td>
<td>Raffle Sponsor - Company logo in our PowerPoint presentation and a hole sponsorship.</td>
<td>$500</td>
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<tr>
<td><strong>Silver Sponsor</strong></td>
<td>Beverage Sponsor - Company logo in our PowerPoint presentation and a hole sponsorship.</td>
<td>$200</td>
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<tr>
<td><strong>Bronze Sponsor</strong></td>
<td>Hole Sponsor - Custom Sign placed at Select Hole</td>
<td>$100</td>
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Please email your color logo in EPS or PDF format to DonnaM@cannoncorp.us

**Total Due** $______

Please Make Checks Payable To SPE: Mail your check & registration form to Donna Martin © Cannon

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<tr>
<th>Your Information:</th>
<th>For Event Information Registration and Payment Details Contact:</th>
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<tr>
<td>Company:</td>
<td>Contact: Donna Martin Cannon</td>
</tr>
<tr>
<td>Contact Name:</td>
<td><a href="mailto:DonnaM@cannoncorp.us">DonnaM@cannoncorp.us</a></td>
</tr>
<tr>
<td>Contact Phone #:</td>
<td>805.544.7407</td>
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<td>Contact Email:</td>
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This form is available online: www.cannoncorp.us and visit our News page.
Seneca Resources Corporation, the oil & gas exploration and production subsidiary of National Fuel Gas (NYSE: NFG) is seeking a Sr. Production Engineer at its West Division office in Bakersfield, CA.

The Sr. Production Engineer will be an integral member of the West operations team with responsibilities to include:

- Ensuring production in Seneca’s heavy oil fields, Midway-Sunset & North Lost Hills, are operating at maximum efficiency with optimum cost effectiveness and comply with internal policy, federal & state regulations.

- Responsible for day to day production & reservoir engineering task for Midway-Sunset & North Lost Hills including but not limited to the following:
  - Production surveillance & steam recommendations
  - Workover, completion, & drilling recommendations & supervision
  - Reserves updating, budget preparations, & assisting with acquisition reviews
  - Supervise, mentor & develop junior engineering staff.

This position requires a BS in Petroleum Engineering & 10 + years experience in onshore production. Thermal recovery and waterflood experience along with strong communication and leadership skills.

To apply: email resumes to jobs@srcx.com

Please refer to Sr. Production Engineer, #13-06CA.
PROFESSIONAL REGISTRATION REVIEW
COURSE FOR PETROLEUM ENGINEERING

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

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

INSTRUCTOR: Bing Wines, PE

BAKERSFIELD COURSE: (8:00 AM - 6:00 PM), Tuesday through Friday, September 3 – September 6, 2013

For More Information: 405-822-6761
E Mail: bingwines@cox.net
Web Site: winrockengineeringinc.com
WINROCK ENGINEERING, INC.
P. O. BOX 42296 OKLAHOMA CITY, OK, 73123

68% Pass 2012 Petroleum PE Exam

NCEES and the State Engineering Boards released their 2012 Professional Engineering Exam results in February. Nationwide, the Petroleum Engineering Exam recorded a 68% pass rate. The Petroleum first time takers passed at a 79% rate. The estimated pass rates of a few other engineering disciplines were:

- Chemical 58%
- Agricultural 71%
- Civil 56%
- Fire Protection 52%
- Electrical 58%
- Industrial 74%
- Environm’tal 55%
- Metallurgical 48%
- Mechanical 64%
- Mining 70%
- Nuclear 56%
- Control Systems 71%

The Petroleum pass rates in 2012 for a few states:

- Alaska 100%
- Louisiana 71%
- California 57%
- Oklahoma 88%
- Colorado 88%
- Texas 67%

What are the requirements to take the Petroleum PE Exam? Today, California requires that you have:
1. An engineering, math or science degree.
2. Passed the Fundamentals, or EIT Exam.
3. At least four years of professional experience.

Interested? Contact the California State Engineering Board at (916) 263-2230 for application forms. State web sites are also available at: www.ncees.org/licensure/licensing_boards. The California application deadline to take this years PE Exam is May 1, 2013. This year’s test will be given on Friday, October 25, 2013.
Be a part of URTeC, where oil & gas professionals will train the way they work — using an integrated approach.

Helping companies like yours hit the sweet spot
As unconventional become conventional, you’ll find several choices of conferences, but one event stands apart. The Unconventional Resources Technology Conference is uniquely designed to help asset teams succeed. So whether you’re searching for the next big thing, or simply looking to connect with geologists, engineers, geophysicists and more, URTeC is for you.

URTeC...
- is uniquely designed for asset teams (geologists, geophysicists, engineers and business managers working together to develop unconventional resources)
- is backed by 3 of the world’s leading scientific associations (SPE, AAPG, SEG)
- was developed based on input from oil company professionals
- focuses on all North American shale plays
- will feature a peer-reviewed, science-based conference
- will feature an exhibition showcasing the latest technologies, products and services

URTeC. The integrated event for oil & gas asset teams.
www.URTeC.org
The Termo Company, an independent exploration and production company, has an employment opportunity for a Petroleum Operations Engineer in Long Beach, California.

Responsibilities:

- Supervise operations of oil and gas producing properties
- Monitor and analyze wells to optimize and increase production through application of artificial lift equipment, recompletions and stimulations.
- Design well completions, recompletions, workovers and stimulations; prepare AFE’s, perform economic evaluations and supervise implementation.
- Review, evaluate and recommend opportunities for producing property acquisitions.
- Review drilling prospects from generators and other operators. Make recommendations for participation in exploration prospects as appropriate.

Qualifications:

- Bachelors degree in Petroleum Engineering.
- 5-15 years of varied experience, particularly with drilling, completions and production operations. Geographical work experience in California, Rockies, and/or Gulf Coast a plus.
- Possess good oral and written communication skills.
- Able to handle multiple projects.
- Experience maintaining and exploiting mature oil fields.

Benefits:

Competitive salary and benefits program is available.

To apply, send resume to billb@termoco.com
GROW with Oxy

Growth and financial stability are at the core of our company. We’ll promise you the same focus — opportunities for growth, development and success throughout your career.

Apply today at www.oxy.com/careers
Processes Unlimited’s oil and gas project experience ranges from heavy and light oil production, pipelines, to water treatment and dehydration. ProU has been an engineering leader in the San Joaquin Valley, California and worldwide for the past 28 years in the Oil and Gas industry. ProU has also expanded to become an international leader in engineering services to over 25 countries. We regularly perform oil and gas projects with manpower ranging from 400 to 100,000 man-hours.

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**PROJECT SERVICES**
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- Construction Management
- Safety/Regulatory
- Owner's/ Banker's Engineer
- Project Controls
- Panel Fabrication
- Permit Support

**Processes Unlimited International, Inc.**
5600 Ming Ave, Bakersfield, CA 93309

www.prou.com
Career Opportunity

A fast-paced, entrepreneurial company, Plains Exploration & Production Company (PXP) offers a challenging and rewarding career that will value your contribution. PXP offers a competitive compensation program and one of the best 401(k) matching programs in the industry. The Company offers comprehensive medical, dental and vision coverage and outstanding disability and insurance benefits. PXP benefit plans provide you and your family with the protection you need today and the opportunity to build financial security for your future.

Position Description:

Reservoir Engineer: Generates shareholder value through the identification and implementation of field enhancement / development projects. Qualified candidates will have demonstrated thermal and/or waterflood experience. Candidates should have 10 years of experience with a BS in Petroleum Engineering and be familiar with Oil & Gas economic and field surveillance software.

Reservoir Engineer Technician: Assist with economic analyses using PEEP and OFM to engineering projects. Candidate should have 5 years’ experience as an engineering technician in the oil and gas industry. The ideal candidate will have a BS in Economics, Math, Computer Science or other related degree with experience with Petroleum Engineering and be familiar with Oil & Gas economic software.

How to Apply:

Successful candidates will enjoy a generous compensation and benefits package. Qualified applicants must have authorization to live and work in the United States without company provided sponsorship. Submit Resume to: PXP Attn: Human Resources, 1200 Discovery Dr., Suite 560, Bakersfield, CA 93309 or Fax 661-395-5283 or email calcareers@pxp.com EOE, M/F/D/V
Advertising Order Form for the monthly newsletter of the
San Joaquin Valley Section of Society of Petroleum Engineers
SJV Section of SPE, PO BOX 21135, Bakersfield, CA 93390
sjv.spe.org
Taxpayer ID# 75-2001539

Company Information:
Company: 
Address: 
City, State, Zip: 
Business Phone: 
Fax: 
Contact Name: 
Date of Request: 

Monthly Advertising Rates: (circle one)

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Please make checks payable to "San Joaquin Valley Section of SPE"

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Please send camera ready art work or business card for ad and this form to:
Neil Malpiede, SJV SPE
P.O. Box 308
Edison, CA 93220-0308
or e-mail to either:
nmalpiede@naftex.com
knosova@slb.com

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