April 18, 2013
General Section Meeting

Topic: Microbial EOR Technology
Speaker: John Fisher, DuPont
Date: Thursday, April 18, 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 April 16th, using one of the three options:
1. 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
2. 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=_xclick&hosted_button_id=NAB2GLZD96TWE
   - Non-Members
     https://www.paypal.com/cgi-bin/webscr?cmd=_xclick&hosted_button_id=H2NYN65L9CYP6
3. OR
   - Email Pamela Willis at PTWillis@aeraenergy.com
   - Call Iris Rice (Jesse Frederick) at (661) 326-1112
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:
For nearly a decade, DuPont has partnered with stakeholders in the oil industry to perform extensive fundamental research into the application of Microbial Enhanced Oil Recovery (MEOR) technology. We examined four EOR mechanisms before determining the critical components of a successful MEOR deployment. The research team found that in order to ensure consistent results across the diverse environments of every unique reservoir, isolation and inoculation of functional microbes under optimal nutrient conditions was critical to consistent field success. This presentation will review the mechanisms examined, as well as how our ongoing 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.

SPEAKER:
John Fisher, SPE, is the Global Technology Implementation Manager for DuPont’s MATRx™ EOR Technologies. He 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. Fisher has a B.A.Sc. in Chemical Engineering from the University of Waterloo and is a registered professional engineer in the Province of Ontario.
From the Chair

Our Annual Golf tournament on April 5 was an outstanding success and once again Young Kirkwood and his golf committee pulled off an exciting tournament. I will not steal his thunder and we should soon see a tournament report either in this newsletter or the May newsletter.

The 2013 SPE Western Regional Meeting is being held at Monterey, California on April 19th - 25th. Please plan on attending the joint meeting hosted by the SPE Golden Gate Section and the AAPG Pacific Section. An excellent technical program has been lined up and all the preparations are underway for some great workshops and field trips. It is also a great opportunity to gain knowledge, network with industry experts and get ideas on how you can participate and present a paper in the future. Please check their website for programs.

It is my great honor to announce the three SJV winners of the 2013 SPE Western Regional Awards. The winners are Andrei Popa (Regional Service Award), Rakesh Trehan (Regional Production and Operations) and Keith Kostelnik (Regional Young Member Outstanding Service Award). Congratulations to the winners and thank you all for nominating.

The San Joaquin Valley chapter scholarship committee is hard at work putting together all the details for the 2013 SPE Scholarships and the due date of May 10 is approaching soon. All year long we hold fund raising events such as the golf tournament, continuing education classes and engineering day to support student scholarships. The SPE headquarters and the event sponsors provide generous financial support which in turn motivates us to help our students reach their education goals. Please encourage your eligible college bound young ones to apply for this prestigious award. The application form is available on the SJV SPE website.

The SJV SPE board elections are around the corner. Please consider running for a board director position for the 2013 -2014 term. The board as you know is a collection of volunteers voted by you (our membership) and is a great opportunity to serve and give back to the SPE and the local community. The board is also a great group of fun people from diverse backgrounds who work tirelessly to make every event a success. Please see an application form inserted in this newsletter and I look forward to hearing from you.

I was in a conversation at an Easter lunch party with friends who are not from the oil and gas industry and I was shocked to hear them talk so negatively about our industry. As members of the oil and gas industry we need to get involved not only with SPE but also with our local communities and promote the realities of our industry. A lot needs to be done with educating the people about our safety record and our contribution to the economy as a whole. I am afraid to say that a lot is being done to educate people to oppose our industry.

Thank you for the opportunity to serve you.
Until Next Time,

Max Solanki

BECOME A MEMBER OF THE SPE

The brightest minds of the E&P industry are members of the SPE. Although engineers are the core of SPE’s membership, not all SPE members are engineers. Solving the industry’s challenges requires a multidisciplinary effort, and SPE is a place for all of today’s industry professionals, regardless of experience or course of study.

Click on this link to get your application,

http://www.spe.org/join/docs/application.pdf
# SJV SPE Board of Directors
## 2012-2013

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<td><a href="mailto:Max_Solanki@Oxy.com">Max_Solanki@Oxy.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

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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.
Video logging is increasing every year. Global competition and increasing rig costs intensify the need for swift and accurate diagnosis of well bore problems. Video dramatically reduces the time and expense involved with trial and error methods in diagnosing well problems. With proper preparation, video provides excellent graphic video footage in nearly every type of well condition.

Gregg began his trek in the oil field in 1981 with NL McCullough as a production logging engineer and advanced his career in 1990 with DHV International – working on fiber optic system development. 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. In addition, Gregg had worked overseas with DHV International – which was then purchased by Expro – in areas such as the Middle East, Asia, India, Europe, South America, North Sea, and Africa. Now, he works with EV Down Hole Camera Services as a Western Regional Manager since 2012.

Wednesday, April 17th, 2013 at 6PM

12th floor of the Petroleum Club

5060 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, April 16th: $25 per person (Click Below)

https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=T4WD4UL99R8M2

Walk-ins are welcome (if space is available) - $30 (Members), $35 (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
SPE Subsurface Study Group Lunch

Oil Field Thermal Diatomite Case Study: Cyclic Steam Injection in the Careaga Lease, Santa Barbara County, CA

Pressure Falloff Analysis

Speaker: Ramon Elias, V.P. Reservoir Engineering, Santa Maria Energy, LLC

Date: Wednesday, April 10, 2013, at 11:30 a.m.
Please note the change in location.
Location: Stockdale Country Club, 7001 Stockdale Hwy, Bakersfield, CA 93309

Reservations: RSVP by Monday, April 8, 2013, after April 8th, fees go up by $5.00.

RSVP via email to: TJHampton@AeraEnergy.com
Or reserve via PayPal
Members ($20): Hyperlink to Paypal - SPE Members ($20)
https://www.paypal.com/us/cgi-bin/webscr?cmd=_flow&SESSION=gkQFp6qJLnNkaOXK_Mq8oMuFi5GNkc8V578JN4p1cizwBx8U4N7ai4kbw&dispatch=50a222a57771920b6a3d7b606239e4d529b525e0b7e69bf0224adecfb0124e9b61f737ba21b081989ce41f911b8b0f9abd5cb813489264cd

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Abstract

This talk is a follow-up to the Hall plot presentation given to the SJV-SPE Subsurface Study Group on February 13th and discusses the analyses of soak pressure falloff data collected at Santa Maria Energy's (SME) diatomite steam injection pilot project located in the Orcutt Oil Field, Santa Barbara County. The pilot has been in operation since October 2009 and consists of 19 cyclic steam injection wells configured in a 4x5 matrix spaced about 120 feet apart producing from about 925 feet of depth. SME has adopted a low range of steam injection rates and volumes used each cycle. A comprehensive surveillance system is used to monitor steam injection and operating protocols are in place for maintaining a safe and reliable operation. The presentation discusses data automatically collected at each well and their real time analyses.

Pressure falloff analysis indicates no fracture flow, (b) that large pressure drops due to skin effects can be present during steam injection and (c) agrees with the calculated flow capacity (kh) obtained from Hall plots. The presence of significant pressure drop due to skin effects raises question about the use of tubing wellhead pressure readings as an additional indicator of the downhole reservoir pressure while injecting steam.

Biography

Ramon (Ray) Elias is reservoir engineer with Santa Maria Energy LLC in Santa Maria, CA. He has over 40 years of varied oilfield experience including extensive thermal recovery work in California and Venezuela. He has worked for major oil companies, independents and as a corporate level consulting advisor to two Western Hemisphere state run oil companies. He has published various technical papers domestically and abroad. He holds a B.S. degree in mechanical engineering, has completed extensive post graduate coursework in petroleum engineering and is a California registered engineer.
Ksenia Eliseeva, SPE, 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 areas of interest include well cementing, hydraulic fracturing and matrix acidizing design and evaluation. Ksenia has been an SPE member since 2004 and is a co-author of four SPE papers and four patent applications. She serves on the SPE SJV Board since 2012.

**PROFESSIONAL SPOTLIGHT**

Scott Myers is Technical Account Manager at Baker Hughes Incorporated. He has more than 20 years of experience in the oilfield service industry in various technical and operations positions, specializing in well cementing, fracturing and acidizing both on land and offshore. He holds a BS degree in biological science from San Jose State University with minor in chemistry. Scott has been an SPE member since he joined the industry and co-authored two SPE papers. He served for six years on the SPE SJV board of directors, was a section chairman of the local chapter in 2010—2011 and actively participates in SPE conference committees and community events. Outside of work Scott enjoys spending time with his family, outdoor activities, working on his state-of-the-art reef aquarium at home, and has recently started mastering his golfing skills.

**SPE SJV:** What motivated you to join petroleum industry 20 years ago?

**SM:** My story was simple. It was a combination of circumstances and my aspirations. I graduated from San Jose State University and was living in a Bay area, but was struggling financially because of high cost of living and was looking for a job in other areas. In college while working on a degree in biology, I always enjoyed my lab assignments, experimenting and learning how matter transforms, and when I saw an ad in a newspaper for a Lab Analyst job in Bakersfield, I was excited to apply for that position. This was something I liked to do, and I was happy to move to Bakersfield where I went to high school before. 20 years have passed since then and it all worked out very well for me.

**SPE SJV:** What is your primary task as Technical Account Manager and what do you like the most about your job?

**SM:** Sales and providing technical support to our clients are the two main areas I am focusing on in my job. That includes things like exploring opportunities for business expansion and technology application in California, solving challenging technical problems that our clients encounter, forecasting revenue and coordinating sales engineers to ensure efficiency and high level of support for...
the customers and operations. The best part of my job is interacting with people: clients, engineers, people with different backgrounds and experiences. It is fascinating!

SPE SJV: What was the most interesting assignment you worked on?
SM: My assignment as an in-house acidizing engineer for a local producer company was a great experience. I was not only working on an interesting technical project to find the best acidizing strategy for a particular field, but I also received a valuable insight into the customer’s side of business as well as obtained more confidence in dealing with clients.

SPE SJV: What was the worst experience you have encountered in your 20-years career?
SM: There are so many! [Laughing]. One of the challenging periods in my career is the time when I was a fracturing engineer. High job activity and shortage of resources resulted in long working hours and days spent in the field, especially for the jobs out of town. I found myself being away from my family all the time, not knowing when my next days off would be. This was frustrating. Finding that work-life balance was difficult, but with the support of my family, working with my management on scheduling and my efforts to use my time effectively, it worked well at the end.

SPE SJV: What is the key to build and maintain strong client relationships?
SM: From my point of view clear communication, understanding of their needs and being responsive to their requests are the important parts of developing good client relationships. Being forthcoming and honest about problems and mistakes that inevitably happen in any operations builds trust and respect, which are the key for long-term collaboration with the customers.

SPE SJV: One of the areas of your expertise is well cementing. What is unique about well cementing in California compared to other areas?
SM: The unique thing about California is that we have all well types and variety of challenges here: land and offshore, shallow and deep, geothermal wells, lost circulation issues and many more. That is what makes cementing in California both exciting and challenging, and requires high level of technical expertise both from producers and service companies.

SPE SJV: You were on SPE board for 6 years: what made you stay for so long and what was the best thing for you being part of SPE?
SM: SPE gave me a chance to do something different from my daily job, it opened up opportunities to meet and get to know people from different places, companies and cultures. I have met some extraordinary people through SPE board team and that’s what made it so interesting for me.

SPE SJV: Do you have a life mantra or motto that helps you throughout your life and career?
SM: If things go bad whether at work or at home, I always try to put the situation in perspective. That allows me to see the big picture, focus on my priorities and neglect minor setbacks. ■
HIGHLIGHTS of MARCH

From Our March 2013 General Section Meeting

Wonderful World of Coiled Tubing

Prof. Sabhash N. Shah was our speaker for the March GSM as part of SPE Distinguished Lecturer Program. Sabhash N. Shah is the Stephenson Chair professor in the School of Petroleum and Geological Engineering and also the director of the Well Construction Technology Center at the University of Oklahoma. He holds BS, MS and PhD degrees in engineering.

The presentation focused on Coiled tubing (CT) services, which is one of the fastest growing oilfield technologies. The success of a CT treatment profoundly depends on the proper selection of fluids and their properties. Even though fluids are widely used in all CT services, little attention has been paid to thoroughly test, evaluate and understand the behavior of complex fluids.

The lecture highlighted recent research findings with several fluids and also presented appropriate correlations for their proper hydraulics predictions.
HIGHLIGHTS of MARCH

From Our March 2013 Surface Study Meeting

How to Interpret Water Analysis?

Jared Kimbrell, West Coast Regional Lab Manager at Halliburton was our speaker for March Surface Study Group Meeting. Jared works closely with account managers to execute analytical tests to assist in effective treatment programs. He graduated from California State University Long Beach with a bachelor of science in Chemical Engineering in 2007.

The significance and importance of water to the Oil and Gas Industry cannot be overstated. While water is often an unwanted by-product of production, water is utilized in many production scenarios and is often times the primary driver for the production of oil. The presentation discussed the importance of an accurate water analysis and the practical uses of this information.

The presentation will be available at SPE SJV website http://connect.spe.org/SJV/
For more information, click on the link,  https://sites.google.com/site/wnar2013/
SJV SPE Continuing Education Courses Coming Up

May 1-2, 2013

**Oil and Gas Reserves: The SEC Reporting Rules**
(8:00 am – 5:00 pm); $1,400 for SPE members, $1,600 for non-members University of Phoenix, Bakersfield

**Instructor:** W. John Lee

**Course Description:** This 2-day course provides substantial detail and interpretation of the US Securities Exchange Commission's modernized rules for reporting oil and gas reserves.

For more information go to the link: http://www.spe.org/training/courses/OAG.php

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=1b812cde-be58-440b-ad71-8c702fb8d136

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
Announcing the SPE SJV Section Monthly Networking Bash

The April Sponsor is

Thursday, April 25th, 2013
5:30-7:30 @

Lengthwise Brewery “The Pub” - Northwest
2900 Calloway Drive

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 Pros Incorporated for sponsoring our March 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.
# 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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Please email your color logo in EPS or PDF format, to DonnaM@cannoncorp.us

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  - 805.544.7407

*This form is available online: www.cannoncorp.us and visit our News page.*
THERMAL OIL RECOVERY
April 24-26, 2013 (W,Th,F) - BAKERSFIELD, CA

INSTRUCTORS:

S.M. Farouq Ali
Farouq Ali has taught similar short courses to over 7000 industry participants during the past 49 years. He specializes in thermal recovery and simulation. Farouq Ali has written three books and over 500 technical papers on these subjects. He has designed more than 40 oil recovery projects in various countries. Among many awards, in 1997, he received the Society of Petroleum Engineers’ Thermal Recovery Pioneer award. He is a member of the U.S. National Academy of Engineering.

Jeffery A. Jones
Jeff Jones is a Staff Engineer with E & B Resources, in Bakersfield, and has over 41 years’ experience in all facets of thermal recovery engineering. Jeff has worked on steamflood, cyclic steaming, and in situ combustion projects, and has experience with reservoir, production, and facilities engineering. An accomplished programmer, he has published many technical papers and holds a number of U.S. patents on thermal recovery related devices. Jeff received Society of Petroleum Engineers’ Production Engineering Award in 2002. He was a SPE Distinguished Lecturer for 2004-2005. He received the Society of Petroleum Engineers’ Thermal Recovery Pioneer award in 2010.

COURSE OBJECTIVES:
This 3-day thermal recovery course is designed to provide an understanding of heat and fluid flow in heavy oil reservoirs, prediction of thermal performance, and a review of field experience. Special attention is paid to current technologies such as operation of mature steamfloods, horizontal well applications, SAGD, VAPEX, etc. The course is designed for reservoir and production engineers but will also be useful for geologists, technicians and managers working in heavy oil production. Easy-to-use PC programs and spreadsheets are provided to help the participants understand thermal processes and make engineering predictions.

TEXTS:
Participants will receive a comprehensive, revised manual.

COMPUTER PROGRAMS:
IBM PC computer programs in VisualBasic and Excel worksheets will be provided to estimate steam zone development, heat loss, cyclic steaming performance, pressure drop in steam lines, steamflood performance prediction, SAGD calculations, etc.

LOCATION & SCHEDULE:
The course will be held at Four Points Sheraton Inn, 5101 California Avenue, Bakersfield, California 93309; phone (661)325-9700. Participants are requested to make their own hotel reservations. The daily schedule will be 8:30 am to 11:30 am and 1:00 pm to 4:00 pm, Monday to Wednesday. The Computer Workshop is scheduled for Tuesday evening.

RELATED COURSES:
A course on Heavy Oil Recovery is scheduled for Calgary. For courses on EOR and Reservoir Simulation, please contact Dr. Farouq Ali for details. Phone: (780)461-2944, Fax: (780)461-8494, e-mail: smfarouqali@gmail.com

IN-HOUSE TRAINING:
This course, as well as several others, are available for in-house training of engineers, field personnel, and managers. The length and contents of the courses can be tailored for specific needs.

COURSE OUTLINE:
- Heavy oil resources and recovery technology, status of thermal recovery;
- General aspects of oil recovery; success with EOR, technology & economics;
- Steamflood mechanisms, recovery predictions, field experience & techniques;
- Mature steamfloods, heat management;
- SAGD: Steam-Assisted Gravity Drainage & its variations, application, experience;
- Cyclic steaming theory and practice, with emphasis on California experience;
- High pressure air injection and its variations;
- Horizontal well applications to thermal and non-thermal heavy oil recovery;
- Thermal well completion, operation, wellbore heat losses, heat management;
- Steam generation and injection; design and monitoring of thermal pilots;
- Thermal simulators and their effective use;
- Computer workshop.
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 42296OKLAHOMA 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.
Free Ecrin training in Bakersfield, CA

Bakersfield Marriott at the Convention Center
801 Truxtun Avenue, Bakersfield, California 93301 (661-323-1900)

KAPPA is pleased to offer you three free days training on Ecrin Software including a preview of the most recent features.

These sessions will benefit existing KAPPA users or those interested in the new technology in 3D modeling, general Ecrin workflow (Conventional/Unconventional) and reservoir surveillance through data management.

**Rubis** - Reservoir Simulation (from basic to complex including Slanted & Wiggly wells)
*Tuesday, April 15th, 2013*

**Topaze NL & Amethyste** - Production Analysis (from conventional to unconventional)
**Emeraude** – Production log interpretation basics
*Wednesday, April 16th, 2013*

**KAPPA Server to Saphir NL & Topaze NL** - Integrated Reservoir Engineering Workflow
*Thursday, April 17th, 2013*

**Schedule:** 9:00 am – 4:00 pm

To register or for more information, please contact nammeeting@kappaden.com and advise which session(s) you would like to register.
Please indicate the training location on the subject of the email

You will need to bring your own laptop for the hands-on examples.
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

Occidental Petroleum Corporation

www.oxy.com
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.

**ENGINEERING & DESIGN SERVICES**
- Mechanical
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- Controls
- Civil
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**PROJECT SERVICES**
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- Safety/Regulatory
- Owner’s/ Banker’s Engineer
- Project Controls
- Panel Fabrication
- Permit Support

**www.prou.com**
Naftex Operating Company
Petroleum Engineer

Naftex, an independent oil and gas company, with a very successful track record of acquisitions and development of producing properties in CA since 1988, is offering an immediate employment opportunity for a Petroleum Engineer position in our Bakersfield, CA office. This key position provides technical support, field level implementation and management for ongoing operations, expansion projects and acquisition evaluations.

Responsibilities include: Development/expansion of thermal operations; management of facilities design and construction; working in a team environment, ensuring required safety, environmental permitting, reporting and compliance issues are met.

A Bachelor’s degree in Petroleum, Chemical or Mechanical engineering plus a minimum of 7 years of O&G industry experience is required. Excellent oral and written communication and strong interpersonal skills to work effectively in a team environment are desired. The candidate must be self-motivated with the ability to work independently and manage multiple projects.

The successful candidate will enjoy a generous and competitive benefit package commensurate with experience. To apply, please email your resume and cover letter to rhorne@naftex.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 500, Bakersfield, CA 93309 or Fax 661-395-5283 or email calcareers@pxp.com EOE, M/F/D/V

EOE www.pxp.com 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

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Camera Ready Art  Black & White Copy
Business Card     Diskette

Please send camera ready art work or business card for ad and this form to:

Neil Malpiede, SJV SPE
5001 California Ave., Suite 120
Bakersfield, CA 93309

or e-mail to NeilM@CannonCorp.us

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