October 18, 2012
General Section Meeting
Distinguished Lecturer

Topic: HYDRAULIC FRACTURING OF HORIZONTAL WELLS
Realizing the Paradigm Shift that has Been 30 Years in Development

Speaker: C. Mark Pearson, Liberty Resources

Date: Thursday, **October 18, 2012 @ 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 October 16th**, 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&hosted_button_id=RKK3Y7HJCWQXU

- Non-Members
  - https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=64CPP9Y8WPCQ

OR

Email Jesse Frederick at [pamelaw@wziinc.com](mailto:pamelaw@wziinc.com)
Call (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:**

Horizontal drilling as a field development technique was pioneered in the early 1980s. This presentation is divided into three sections – a review of horizontal well stimulation technology development, a discussion of the two main types of multistage completion technologies being employed together with the application of cross-linked and slickwater fracturing and a review of current applications and results.

**SPEAKER:**

C. Mark Pearson is president of Liberty Resources, a Denver-based independent E&P company. He is an SPE distinguished member who has more than 30 years of experience in the exploration and production (E&P) and service industries.
From Our September 2012 General Section Meeting
Future of Engineering

Dr. Julio R. Blanco was our speaker for the September GSM. Dr. Blanco is Dean of the School of Natural Sciences, Mathematics, and Engineering (NSME), and Associate Provost for Grants, Resource Management and Planning at California State University, Bakersfield. He presented to our Section what the School of NSME is currently offering. We were introduced to two chairs of the Engineering Program and a new faculty member responsible for Petroleum Engineering.

Pam Wills (Board Member, Continuing Education) presents a token of our appreciation from the SJV Section to Dr. Blanco.

CSUB - Academic Programs
Seven departments within the School of Natural Sciences, Mathematics, and Engineering offer Bachelor of Science, Bachelor of Arts, Master of Science and Master of Arts degrees as follows:

<table>
<thead>
<tr>
<th>Academic Programs</th>
<th>BS, Concentration with BS Chemistry</th>
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<tbody>
<tr>
<td>Biochemistry</td>
<td>BS, Minor, MS</td>
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<tr>
<td>Biology</td>
<td>BS, Concentration within BS Biology</td>
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<tr>
<td>Biotechnology</td>
<td>BS, ACS Certified, Minor</td>
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<tr>
<td>Chemistry</td>
<td>BS, Minor</td>
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<tr>
<td>Computer Engineering</td>
<td>BS</td>
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<tr>
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<td>BS, Minor</td>
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<td>BS, Concentration within BS Computer Engineering</td>
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<tr>
<td>Engineering Sciences</td>
<td>BS</td>
</tr>
<tr>
<td>Environmental Studies</td>
<td>Concentration within BS Geological Sciences</td>
</tr>
<tr>
<td>Geological Sciences</td>
<td>BA, BS, Minor, MS</td>
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<tr>
<td>Human Biological Sciences</td>
<td>BA</td>
</tr>
<tr>
<td>Hydrogeology</td>
<td>Concentration within MS Geological Sciences</td>
</tr>
<tr>
<td>Management &amp; Marketing</td>
<td>Concentration within BS Chemistry</td>
</tr>
<tr>
<td>Mathematics</td>
<td>BS, Minor</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>BA</td>
</tr>
<tr>
<td>Nursing</td>
<td>BS, RN to BSN</td>
</tr>
<tr>
<td>Petroleum Geology</td>
<td>Concentration within MS Geological Sciences</td>
</tr>
<tr>
<td>Physics</td>
<td>BS, Minor</td>
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<tr>
<td>Pre-Engineering</td>
<td>For aeronautical, civil, mechanical, and other engineering degrees</td>
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<tr>
<td>Pre-Medical</td>
<td>Includes Pre-Dentistry, Pre-Pharmacy, and Pre-Veterinary</td>
</tr>
<tr>
<td>Science Education</td>
<td>MS</td>
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</tbody>
</table>
Time is flying and already it is October! The SPE board members are working very hard to meet the lofty standards we have set for ourselves. I would like to take this opportunity to list a couple of things that we are set to achieve or have achieved this year.

We are partnering with Chevron and two local High Schools (Centennial High and Shafter High), to support them in implementing Project Lead The Way (PLTW) programs at their schools. As you all may know, Project Lead The Way is the leading provider of rigorous and innovative Science, Technology, Engineering, and Mathematics (STEM) education curricular programs used in middle and high schools across the U.S. Omar Hayat has the lead on this and will be asking the SJV membership to get involved on some level. So stay tuned.

Our website is up and running again. Jeff Kim has done an amazing job by getting the website up and running and promises to keep it looking great. So please, take a minute and look at our website and give us feedback to let us how we can improve this already great looking website. Our new website address is http://connect.spe.org/SJV/Home/

SPE Young Professionals committee led by Keith Kostelnik is in the process of re-grouping and will be meeting soon to discuss events and meetings mainly geared towards the younger members of our society. You should be hearing soon from Keith and his new committee.

I want to draw your attention to your membership renewal. If your SPE membership will soon be expiring maybe now is a good time to get it renewed. The link is http://www.spe.org/join/renew.php. While at the website please update your preferred email address and your contact details so you can get all the information you need that comes out of the SPE International and your local SJV SPE.

For those of you with students in College or on their way to college, I want to remind you that apart from our local SJV SPE scholarships, there are SPE International scholarships available to students pursuing Petroleum Engineering. For undergraduates we have the SPE Foundation Gus Archie Scholarship (http://www.spe.org/scholarships/archie.php) and the Star Scholarship & Fellowship (http://www.spe.org/scholarships/star.php). Please check the website spe.org for more details.

Thank you for the opportunity to serve you.

Until Next Time,

Max Solanki
Dear Editor (from our September 2012 Issue),

Why is Midway Sunset Oil, the oil that you post the price of in your newsletter, higher priced than West Texas Crude? I remember years back where our local oil was usually around $10 cheaper, but it appears the tide has turned the other direction.

Larry Miller

Boy, did I get this one wrong. Although I liked my answer relating more to local supply and demand driving California heavy crude prices above WTI the differential is more about a depressed WTI price. Here is an interesting explanation from one of our members for your consideration.

The Editor

In regard to the letter to the editor, about the depressed price of West Texas Intermediate Crude (WTI).

The problem with WTI right now is transportation- the pipeline capacity isn’t enough, getting from West Texas to Houston/ Beaumont, and the other outlets. Too much crude stuck in west-central Texas, and too little market, has depressed the price. This has been going on for a couple of years. I have heard rumors of additional pipelines, and also rail/truck loading facilities, to help move the stuff. Incidentally, this marketing stringency is why WTI has lost its usefulness as a benchmark.

In regard to refinery configuration: The “clean products” which are gasoline-jet-diesel always make up 85-90% of the refined products which are sold. However the crudes bought by the refinery, after separation, do not contain that much- the low-priced heavier products (gas oil, asphalt) have to be converted. The lighter crudes (which contain more clean product) are easier to refine (less energy, catalyst, etc) and always command a higher price. It is true that a refinery configured for high conversion (heavy fractions to clean products) cannot run 100% light crude, because some units will be under-utilized, however that doesn’t change the fundamentals that much.

Tom Creswell
Former Refinery Person

Our members would like to hear from you on this and any other topic you would like to discuss/share with the SJV Section. I encourage you to write the Editor. I look forward to hearing from you!

The Editor
Letters to the Editor
San Joaquin Valley Section
Society of Petroleum Engineers
(continued)

To the Editor (passed along through Larry Miller),

The story I am hearing about West Coast crude pricing is that there is somewhat of a glut of crude available now in the mid-continent where WTI is priced (Cushing, Oklahoma) due to the Bakken production growth and other pipeline related issues in the mid-Continent affecting transportation to the Gulf Coast. West Coast crude pricing is trading much more in line with Brent now as it is isolated from the mid-continent (there is not enough pipeline capacity between the two areas) and West Crude is being priced based on the international shipping market rather than the Mid-Continent WTI market. In the past, West Coast pricing was suppressed due to the large volume of tanker crude from Alaska coming into the West Coast market relative to West Coast market demand. This has somewhat reversed as Alaska crude volumes have declined and demand increased in the West Coast market.

I am not a marketer, so this is a pretty simple answer that I believe is directionally correct. I am sure some marketing folks will respond with more of the nitty gritty details.

Kevin Ryan
Seneca Resources

Thanks for writing in Kevin.

Our members would like to hear from you on this and any other topic you would like to address/share with the SJV Section. I encourage you to write the Editor. I look forward to hearing from you!

The Editor
PEOPLE

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
RAY CLANTON

Ray Clanton is Senior Engineering Advisor with Occidental of Elk Hills. He has 27 years of experience in the oilfield, which included various operational and technical positions at Texaco, Bechtel, Aera Energy and Occidental of Elk Hills in California. He holds BS degree in petroleum engineering from University of Wyoming, an MBA degree from Cal State University and is a Certified Quality Improvement Associate and a Professional Engineer. Ray is a winner of multiple industry awards, including 2006 Meritorious Award for Engineering Innovation, and the 2012 SPE Production and Operations Award for outstanding contributions to the industry. He has been an SPE member since 1985, served as the chairman of local SJV SPE chapter in 1996 and is a regular contributor at various SPE events and conferences. Ray and his wife Kelly are proud parents of Ryan, LisaBeth and Isabella. Ryan is on the offensive line for the Oregon Ducks football team, LisaBeth is on the Cal Poly Equestrian team and Isabella is into Volleyball at Centennial High.

SPE SJV: What attracted you to petroleum engineering when you joined the industry in 1985 and how has your perception of the industry evolved since then?
RC: My dad was a natural gas engineer, and I always knew engineering was something that interests me. Petroleum was the highest paid engineering career. So I went for it, but I really didn’t know much about the job. When I got into it and started working on the rigs - I loved it! Now I certainly understand the importance of oil and gas to America, but back then it was fun to work in the oilfield!

Over the years one of the things that became very important to me and what I really like to do is mentor young engineers. I still remember my first day as an engineer. The lady said “There’s your desk, there’s your phone, good luck”. It took me a while to establish the relationships with the older guys that I could start learning from. There are a lot of new people coming into the oilfield today and it’s important to bring them along quickly, so they can enjoy their career and bring value to the industry. And I like doing that. I want our local SPE members to feel safe to reach out to me if they need help or advice.

(continued on next page)
PROFESSIONAL SPOTLIGHT: RAY CLANTON

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SPE SJV: What do you like the most about your job?

RC: That’s too much to list! I love solving unique problems. Every problem that comes up on a well is going to be unique and technological challenges are exciting! I like that I am able to make the decisions on what I think is the best solution for a particular problem and have freedom to learn from my mistakes. This is the way effective learning culture is created in a company.

SPE SJV: What are the biggest challenges Production and Operations sector is facing right now in California?

RC: I am a big believer in new technology, and bringing that new technology to California is tough. There is a perception in the United States that there are more exiting fields in the other parts of the country and it’s hard for California to compete for those resources. While we have amazing fields and great people it is always a struggle to get the resources and latest tools here to be used.

SPE SJV: You were one of the few winners of SPE Regional Awards in 2012. What does it mean to you?

RC: Being nominated by my peers and voted by the SPE for making significant contributions to my industry is a great honor. I am very proud of that and grateful. Grateful to my company for allowing me to be active in SPE and to my friends in San Joaquin Valley for nominating me.

SPE SJV: What advice can you share with your fellow SPE members of San Joaquin Valley?

RC: My advice is to get involved in SPE as much as possible. The experience has been invaluable to me over the years. I have gotten to know people from other companies, gotten to learn more about my profession, and had a good time. My favorite thing about SPE is the knowledge sharing. When I get a new property and I have no idea what’s going on I can look it up and read someone else’s documents about it, which saves so much time and makes the learning curve a lot easier.

Find more interesting articles and local SPE news at

http://connect.spe.org/SJV
San Joaquin Valley Section
Of The SPE
October 2012
Membership Report

Total Members in Good Standing equals 800

The individual listed below is transferring to the San Joaquin Valley SPE Section:

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>Transfer From</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr James O Barth</td>
<td>Seneca Resources Corp.</td>
<td>Gulf Coast Section</td>
</tr>
</tbody>
</table>

Surface Study Group Luncheon for September
Creating Digital Thermal EOR Projects Using Wireless Technology and New Data Integration

Attila Aksehirli (board member, on right) thanks Christopher Angelo with ProGauge for his presentation and participation in the Study Group Program.
Dear SJV SPE Scholarship Committee,

Here I want to say thank you for awarding me $11,500 so that I can use toward tuition costs. I will continue to pursue my studies at the University of California, San Diego and work hard to maintain my academic performance.

Sincerely,

Albert Leung

Albert Leung

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Elizabeth Sande

Dear SPE-SJV,

Thank you so much for awarding me one of your scholarships. I plan to use the generous amount to purchase my textbooks for the coming year. Again, thank you for supporting my education!

Sincerely,

Elizabeth Sande

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To Arch Bhumadily,

Thank you for the SPE scholarship. It is greatly appreciated and will help me in furthering my college education.

Please mail the scholarship to

7007 Biscuit Ct.
Bakerfield, CA 93313

Sincerely,

M. Peter Koziorowski

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Dear SPE Scholarship Board,

Thank you so much for awarding me with the SPE scholarship. I am truly grateful, as I realize that it will help to lower the final cost of Colorado School of Mines.

Thank you again,

Jacob Singleton
Personal and professional development is not necessarily something that occurs without effort but often requires a deliberate plan. A plan should organize the steps that ensure future goals are within reach at the time one expects to reach them. During this session, tactics and ideas will be presented to put a plan in place to obtain future personal and professional goals with an emphasis on personal leadership.

Karen holds a Bachelor of Science Degree in Business Administration from California State University of Bakersfield and a Senior Professional in Human Resources (SPHR) certification that she received in 2009. Ms. Miller has been employed with Plains Exploration and Production Company since 2007 where she has provided a wide-range of support in the human resources discipline. Ms. Miller has been actively employed in the human resources field since 2000 working in a variety of industries (manufacturing, aviation, commercial construction, and technology). Prior to Ms. Miller’s entrance into human resources profession, she served honorably in the United States Marine Corps on active duty for six years. During Ms. Miller’s service in the U.S. Marines she was awarded two Naval Achievement Medals in recognition for her personal contributions along with several other unit and service awards and citations. Ms. Miller is a member of the national and local chapters of the Society for Human Resource Management.

Wednesday October 17th, 2012 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, October 16th: $25 per person (Click Below)

https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=KY8P6HNRMJZRZ8
Walk-ins are welcome (if space is available) - $30 (Members), $35 (Non-Members) (Cash/Check at door)

Event Contact: Keith Kostelnik 661-412-5580 keith_kostelnik@oxy.com
LaMeka Ross (Chevron) was kind enough to make a presentation on Mentoring. Jeff Kim (Aera & SPE board member) presented LaMeka with a gift from SPE in appreciation. Jeff was hosting that YP session on behalf of Keith Kostelnik.
**SPE Surface Study Group Lunch**

**Overview of H2S Removal Technologies**

**Date & Time:** November 14th, 2012 @ 11.30 am  
**Venue:** Petroleum Club (12th Floor) at 5060 California Ave. in Bakersfield  
**Speaker:** Dave Parker, General Manager, HydroCat West

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**RSVP via e-mail to** attila.aksehirli@chevron.com

**Or reserve via PayPal:**

**Members ($20)**  
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=67U7KEZNL7G78

**Non-Members ($25)**  
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=EE7SFJQ49BEXQ

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**Abstract**

Addressing H2S in gas streams is an essential part of Oil & Gas processing as evolving regulations have eliminated the possibility of incineration or venting of sour gas, with few exceptions. A similar situation exists with respect to biogas from landfills and waste water treatment. Various commercial technologies are available to remove H2S, rendering the gas acceptable for use as fuel or for incineration. Typically, these treatment systems are selected relative to the total mass of sulfur to be removed, which is a function of H2S concentration and the gas flow rate. This presentation describes a number of different approaches to removing H2S at various scales of operation, and provides guidelines to assist in process selection.

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**Biography**

Dave Parker has worked in the Petroleum industry for much of his career, beginning with 10 years in the downstream sector. For the past 20 years he has developed and supported Gas Cleanup applications, mainly for waste gas in California. Currently he is General Manager of HydroCat West in Bakersfield, designing and marketing systems which utilize an environmentally safe proprietary dry chemical to remove H2S and organic sulfur from various types of gas streams. He holds a Chemical Engineering degree and an MBA.

He will outline various H2S treatment processes and provide some guidelines for process selection across a range of operating conditions.
The Use of Fracture Diagnostics in Unconventional Reservoirs

Date: Tuesday, October 10, 2012, at 11:30 a.m.
Venue: Petroleum Club (12th Floor) at 5060 California Ave. in Bakersfield
Speaker: Steve Wolhart, General Manager of Pinnacle

RSVP via email to TJJHampton@AeraEnergy.com

Or reserve via PayPal

Members ($20)
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=GTBYYCFZA8M88

Non-Members ($25)
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=BFAMK3G96VRKS

Abstract

Hydraulic fracturing plays a key role in the economic development of most unconventional reservoirs. The complexity and uniqueness of these reservoirs means that field development plans must be customized and maximizing production often depends on understanding how the well responds to stimulation treatments. Hydraulic fracture mapping is a valuable tool for understanding hydraulic fracture behavior, completion effectiveness and reservoir complications in unconventional plays. This presentation will review the basics of fracture diagnostics, practical issues that must be considered during a project and keys to interpreting the results. Microseismic and micro-deformation (tiltmeter) mapping will be covered. Examples and case studies will be included and recent advances will be discussed.

Biography

Steve Wolhart is General Manager of Pinnacle (a Halliburton Service) in Houston. Pinnacle provides fracture diagnostic, reservoir monitoring and consulting services. Steve is a thirty year member of the Society of Petroleum Engineers and was an SPE Distinguished Lecturer for 2001-2002. Prior to joining Pinnacle he worked for the Gas Research Institute and Exxon. He has authored or co-authored more than thirty-five papers on hydraulic fracturing, advanced hydraulic fracture diagnostics, restimulation and reservoir monitoring.
## SJV SPE Continuing Education Courses Coming Up

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<th>Course</th>
<th>Location</th>
<th>Cost</th>
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<tr>
<td>Nov. 1, 2012</td>
<td>SPE – Reservoir Aspects of Horizontal and Multilateral Wells</td>
<td>University of Phoenix, Bakersfield</td>
<td>$750</td>
<td>8:00 am – 5:00 pm</td>
</tr>
<tr>
<td>Nov. 26 &amp; 27, 2012</td>
<td>SPE – How to Recognize a Good Log – Intro to Petrophysics I</td>
<td>University of Phoenix, Bakersfield</td>
<td>$1,600</td>
<td>8:00 am – 5:00 pm</td>
</tr>
<tr>
<td>Nov. 28, 2012</td>
<td>SPE - How to Recognize a Good Log – Intro to Petrophysics II</td>
<td>University of Phoenix, Bakersfield</td>
<td>$900</td>
<td>8:00 am – 5:00 pm</td>
</tr>
<tr>
<td>Nov. 29 &amp; 30, 2012</td>
<td>SPE – Evaluating Cement Integrity – Using Today’s Logs</td>
<td>University of Phoenix, Bakersfield</td>
<td>$1,600</td>
<td>8:00 am – 5:00 pm</td>
</tr>
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</table>
Reservoir Aspects of Horizontal and Multilateral Wells

Instructor: Sada Joshi

Date: November 1, 2012 (8:00 am to 5:00 pm)
Location: University of Phoenix, 4900 California Ave, Bakersfield, California

Announcement: SJVSPE is proudly offering Reservoir Aspects of Horizontal and Multilateral Wells. This 1-day course includes discussion on the practical issues and reservoir parameters of horizontal well projects. This course is for reservoir, production, drilling, and completion engineers, managers, and other personnel who are interested in learning about selecting reservoirs for horizontal wells and understanding production performance of horizontal wells. It is also a great opportunity to network with others drilling and completing horizontal and multilateral wells. 0.8 CEUs (Continuing Education Units) awarded for this 1-day course.

Questions: Please call Terry L. Kloth @ 661-321-4469 (office); 661-858-9631 (mobile) or e-mail TLKB@pge.com if you have questions or need additional information.

Payment & Cost: Payment can be made by check at the door on the first day of class (RSVP in advance by e-mail) or register & pay with a credit card via the SPE link (below). The price of this course is $750. A morning and afternoon snack and cold and hot drinks are included. Please note lunch is not included in this price. For more details, please contact us at trainingcourses@spe.org.

RSVP & SPE Payment Link: http://www.spe.org/training/courses/RHM.php

Target Audience: This course is for reservoir, production, drilling, and completion engineers, managers, and other personnel who are interested in learning about selecting reservoirs for horizontal wells and understanding production performance of horizontal wells.

Description: This 1-day course includes discussion on the practical issues and reservoir parameters of horizontal well projects. The topics include formation damage, drainage areas, well spacing, well reserves, and rate calculations using steady-state and pseudo steady-state methods. The course includes several field case histories and performance analysis of horizontal wells. Topics include:

• Drilling methods and costs
• Well spacing and drainage areas
• Recovery factors and steady-state solutions
• Case histories: coning applications
• Fractured horizontal wells
• Forecasting production

Instructor: Sada Joshi is president and CEO of Joshi Technologies International. He has more than 30 years of experience in horizontal wells and has been advisor to more than 200 field projects around the world. He has written many technical papers and the book, Horizontal Well Technology.

Joshi served as a Distinguished Lecturer for SPE (1995–1996) and was named as “One of the 100 Most Influential People of the Petroleum Century” by Hart Publications in 2000. In 2003, Joshi was named as a Distinguished Alumnus by his alma mater, IIT Bombay, India. He earned his PhD in mechanical engineering from Iowa State University in 1978.
How to Recognize a Good Log – Intro to Petrophysics I

Instructor:        Mr. Gary Batcheller, GWB Consultants

Date:        November 26th-27th, 2012  (8:00 am to 5:00 pm)
Location:        University of Phoenix, 4900 California Ave, Bakersfield, California

Description:
This 2-Day workshop will illustrate log responses to rocks and their fluids. Once these simple relationships (common throughout the world) are understood, you can easily recognize permeability, hydrocarbons, and rock and fluid types. Comments from the critiques include: “Excellent overall descriptive review of open hole logs – Done in a concise practical manner”, “It’s practical applications – Good job on being concise and to the point”. The workshop will include:

- Finding permeability and salt water from resistivity logs
- Fluid and rock type identification from “porosity” logs
- Hydrocarbon identification and net pay estimations
- “Interpretation at a glance” techniques
- Gas and shale effects on logs
- Uses and the limitations of open hole logs
- Heavy Oil Examples
- Steam Injection Temperature Surveys

Questions:
Please call Terry L. Kloth @ 661-321-4469 (office); 661-858-9631 (mobile) or e-mail TLKB@pge.com if you have questions or need additional information.

Payment & Cost:
Payment can be made by check at the door on the first day of class (RSVP in advance by e-mail) or register & pay with a credit card via the PayPal Website (below). The price of this course is $1,600. A morning and afternoon snack and cold and hot drinks are included. Please note lunch is not included in this price.

RSVP & Paypal Payment Link:
https://www.paypal.com/cgi-bin/webscr?cmd=_xclick&hosted_button_id=8U7CJTXKSE23E

Target Audience:
All professional who routinely apply logs in the oil and gas industry. Both technical and none technical personnel have benefited from the techniques presented in this workshop. A complete workbook and actual log examples will help the student to interpret and understand the uses of logs. Practical exercise will enable you to learn these techniques easily and make better decisions immediately. Over 2800 personnel in the industry have made better decisions and saved money using techniques from this program.

Instructor:
Mr. Gary Batcheller has operated GWB Consultants, a technical training and services firm in Oklahoma City since 1989. He was employed for 18 years at Schlumberger Well Services, and held various positions including a training coordinator. Mr. Batcheller has held log workshops for the Society of Petroleum Engineers and over 250 companies worldwide and authored two papers on the evaluation of lightweight cement one on finding low resistivity pay in air holes. He has developed simplified and practical techniques to enable industry professionals to better understand logs and their applications. He holds BS degree in Physics from Texas Technological University and is a member of SPE, API, SPWLA. He received the SPE Regional Service Award.
How to Recognize a Good Log – Intro to Petrophysics II

Instructor:        Mr. Gary Batcheller, GWB Consultants

Date:        November 28th, 2012 (8:00 am to 5:00 pm)

Location:    University of Phoenix, 4900 California Ave, Bakersfield, California.

Description:
This practical workshop illustrates techniques for recognizing log validity and is a good follow-up to “Introduction to Petrophysics I”. These easy-to-use procedures will help participants determine the reliability of log data. This data is often used in making important and costly decisions. Our workshop benefits in quality assurance methods at the well site and in the office. Professional staff and managers will find this workshop essential to decision making. In six months a large independent company had three unsuccessful completions based upon invalid logs!

- Methods & Procedures in Log Validation
- Repeatability and Comparison Methodology
- Hole conditions vs. Tool Problems
- Computer Uses in Validation
- Individual Log Quality Control Checks
- Depth Control, Calibrations and Offset Wells
- Primary and Secondary Application of Logs
- Primary and Secondary Limitations of Logs

Questions:
Please call Terry L. Kloth @ 661-321-4469 (office); 661-858-9631 (mobile) or e-mail TLKB@pge.com if you have questions or need additional information.

Payment & Cost:
Payment can be made by check at the door on the first day of class (RSVP in advance by e-mail) or register & pay with a credit card via the PayPal Website (below). The price of this course is $900. A morning and afternoon snack and cold and hot drinks are included. Please note lunch is not included in this price.

RSVP & Paypal Payment Link:
https://www.paypal.com/cgi-bin/webscr?cmd=_xclick&hosted_button_id=WH2E7Z3S8RR6J

Target Audience:
Any professional who need to properly apply logs. For those who need assurance they are using proper log data to make professional decisions or mapping. The workbook / reference manual will use actual logs to illustrate each step in the procedure. The class employs logical and easily applied methods with practical exercise and “real world” examples. Workshop participants are encouraged to bring their own logs. The workshop includes illustrations of rock identifications from cutting, drill stem tests and other petrophysical data to help validate log quality. The use of offset data and geology play important roles in understanding correlations between wells. Individual measurements have their own limitations and each is listed as a reference in the manual.

Instructor:
Mr. Gary Batcheller has operated GWB Consultants, a technical training and services firm in Oklahoma City since 1989. He was employed for 18 years at Schlumberger Well Services, and held various positions including a training coordinator. Mr. Batcheller has held log workshops for the Society of Petroleum Engineers and over 250 companies worldwide and authored two papers on the evaluation of lightweight cement one on finding low resistivity pay in air holes. He has developed simplified and practical techniques to enable industry professionals to better understand logs and their applications. He holds BS degree in Physics from Texas Technological University and is a member of SPE, API, SPWLA. He received the SPE Regional Service Award.
SJV SPE Continuing Education

Evaluating Cement Integrity – Using Today’s Logs

Instructor:          Mr. Gary Batcheller, GWB Consultants

Date:                November 29th & 30th, 2012 (8:00 am to 5:00 pm)
Location:            University of Phoenix, 4900 California Ave, Bakersfield, California.

Description:
This 2-Day workshop will illustrate the application of cement logs for cement evaluation which is essential to consistently successful decisions. Highly deviated to horizontal logs are part of the focus. Actual log examples are utilized to illustrate and practice with different type of logs and allow a comparison for log quality. Evaluation using easy applied interpretation techniques and making squeeze or no squeeze decisions. Included are practical guideless for the successful evaluation of cement integrity. The workshop will include:

- Effects of quality control and the CBL’s undoing
- Reliable interpretation techniques
- High angle and horizontal unique problems
- Mud removal techniques discussed
- Radial acoustic logs with 8 to 16 measurements
- New Technology – its value and limitations
- Identifying Potential problems with cement integrity
- The use of open hole logs to enhance CBL/VDL interpretation
- Understand new interpretation techniques available for LW or Complex Cements

Questions:
Please call Terry L. Kloth @ 661-321-4469 (office); 661-858-9631 (mobile) or e-mail TLKB@pge.com if you have questions or need additional information.

Payment & Cost:
Payment can be made by check at the door on the first day of class (RSVP in advance by e-mail) or register & pay with a credit card via the PayPal Website (below). The price of this course is $1,600. A morning and afternoon snack and cold and hot drinks are included. Please note lunch is not included in this price.

RSVP & Paypal Payment Link:
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=TSTAQBAG3R5AY

Target Audience:
This workshop will apply to those professional involved in cementing, completions and work-over operations. California has more foam or light weight cements pumped than in any other part of N. American and its unique evaluation problems are detailed. Many examples are used to help students evaluate log quality and practice evaluation techniques. Over 2200 personnel in the oil and gas industry have made better decisions and saved money employing techniques from this program.

Instructor:
Mr. Gary Batcheller has operated GWB Consultants, a technical training and services firm in Oklahoma City since 1989. He was employed for 18 years at Schlumberger Well Services, and held various positions including a training coordinator. Mr. Batcheller has held log workshops for the Society of Petroleum Engineers and over 250 companies worldwide and authored two papers on the evaluation of lightweight cement one on finding low resistivity pay in air holes. He has developed simplified and practical techniques to enable industry professionals to better understand logs and their applications. He holds BS degree in Physics from Texas Technological University and is a member of SPE, API, SPWLA. He received the SPE Regional Service Award.
Announcing the SPE SJV Section Monthly Networking Bash

The October Sponsor is B & L Casing.

Thursday, October 25th, 2012
5:30-7:30 @

Padre Hotel - Prospect Lounge
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 FMC Technologies for sponsoring our September Monthly 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.

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- WTI

Oil Price ($/bbl)
THIS IS A FANTASTIC SHOW THAT SELLS OUT VERY QUICKLY, SO THIS IS AN OPPORTUNITY FOR SPE MEMBERS TO GRAB SOME GREAT SEATS. ACT FAST!

The 87th Annual Wildcat Hijinks Show
Buck Owens’ Crystal Palace
Tuesday, December 4, 2012

We invite you to an evening of great networking, delicious food and outstanding entertainment. Our show this year is titled:

“Funtime Fantasies... Frackers, Foreigners, and Fargo”

Reception 6:00 – 7:00 p.m.
Dinner 7:00 – 8:00 p.m.
The Show 8:00 p.m.

Buck Owens’ Crystal Palace
2800 Buck Owens’ Blvd.
Bakersfield, CA 93308

From North Hwy 99, take the Buck Owens’ off-ramp.

Act Now and Reserve the Table of Your Choice for You and Your Friends!!

Reservations for tables of 4 to 14 seats, or individual seating is available. Seating is limited so requests are on a first come, first served basis. Indicate on your reservation form the table(s) or seats for 4 or more that you wish to reserve. Prices and seating locations are shown on the attached seating chart, and are $90, $100, or $125 per person. Tax and tip included.

There will also be a cash bar available.

Deadline for reservations: November 15, 2012
The Wildcat Committee Hi-Jinks, Attn: Julie
c/o Brown Armstrong, 4200 Truxtun Avenue, Suite 300, Bakersfield, CA 93309
Phone: 661-324-4971  Fax: 661-324-4997  email: jdineglio@bacpas.com

☐ I am paying by credit card using the attached credit card form.
☐ Please find enclosed $___________ for which you will kindly reserve _______ tickets for the Wildcat Hi-Jinks and Dinner to be held at the Buck Owens’ Crystal Palace in Bakersfield on Tuesday, December 4, 2012. If you are requesting a specific table or tables, please indicate table number(s) here __________________. (See attached floor plan for seating.)

Remember ... Seating is limited and on a first come, first serve basis, so ... ORDER EARLY!!!

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Tickets and receipts will be mailed. Receipts will be provided only if requested. Late reservations will be held at the door. Please provide list of attendee names, if known; otherwise, tickets will be held under the Company or payer’s name.
The 87th Annual Wildcat Hijinks Show
Buck Owens’ Crystal Palace
Tuesday, December 4, 2012

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Thermal Oil Recovery

SHORT COURSE

OCTOBER 15-17, 2012
OUR 34TH YEAR

PRACTICAL 3-DAY COURSE
EXPERIENCED INSTRUCTORS
USEFUL PC PROGRAMS

Course Description

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

Attendees will receive a comprehensive revised manual.

Computer Programs

IBM PC programs in Visual Basic and Excel worksheets are provided to estimate steam zone development, heat loss, cyclic steaming performance, pressure drop in steam lines, steamflood performance, SAGD calculations, etc.

Instructors

Farouq Ali has taught similar short courses to over 7000 industry participants during the past 48 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, he received the 1997 SPE Thermal Recovery Pioneer, 2007 SPE Anthony F. Lucas, 2002 SPE Improved Recovery Pioneer and 1996 SPE Lester C. Uren awards. He is a member of the U.S. National Academy of Engineering.

Jeff Jones is Vice President, Reservoir Engineering with E & B Resources, in Bakersfield, and has over 40 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.

Location

Four Points Sheraton, Inn, 5101 California Ave.

Registration

Registration fee is $3,300
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Fax (780) 461-8494
e-mail: farouq@telusplanet.net
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Shaly Sand Log Analysis in California: Practical Methods for Accurate Reservoir Properties
October 23-25, 2012, Bakersfield, CA

Working With Ancient Electric Logs
October 2, 2012, Bakersfield, CA

For more information about these courses please contact Deborah or Tom or visit our website

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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.

Geologist: Completes reservoir descriptions of oil and gas reservoirs. This position determines original and current oil and gas in place. The geologist must demonstrate knowledge of sedimentary and structural geology concepts. Candidates should have 5 years of CA Oil & Gas experience with a BS and MS in Geology and be familiar with geological mapping 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

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This position’s responsibilities include assisting in the management of production operations by setting and maintaining production goals in an assigned area of operations including drilling, facility design and maintenance, water flood design, and production equipment design. Monitoring the economic recovery during the reservoir development and production stages through well placement, secondary recovery designs and day-to-day production engineering on operated fields. The ability to conduct analysis on wells, platforms, and fields, design, prepare and perform well work overs as well as preparing AFE’s for projects.

Bachelor’s degree in Petroleum Engineering or related discipline required plus a minimum of five years industry experience in production operations and well completion or related field. Requires working knowledge of production operations, geology terminology, log interpretations, well bore mechanics, and Nodal analysis methods and techniques. An understanding of downhole operations, reserve estimations, and reservoir drive mechanisms also required. Must have the ability to organize, prioritize, and make decisions under time restrictions.

The successful candidate will enjoy a generous and competitive benefits package commensurate with experience. To apply, email your resume to dvazzana@nobleenergyinc.com.
To All of our Generous Sponsors in 2012,

On behalf of the Society of Petroleum Engineers, the golf committee wishes to thank you again for your valued sponsorship of our tournament held on March 23rd, 2012. This year we were able to raise close to $16,000 for our scholarship program. This was a significant contribution to the $50,000 total we will be giving out to local college students in June from our community, who will be our future in the oil industry. Without your participation, this would not be possible.

Thank You for Your Sponsorship,

The 2012 SPE Golf Committee

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