September 20, 2012
General Section Meeting

Topic: Future of Engineering at CSUB
Speaker: Dr. Julio R. Blanco, CSUB
Date: Thursday, September 20, 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 September 18th, 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=BC6W5AVJ6CZAL

Non-Members
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=UKB337FPQMPUPY

ABSTRACT:
The School of Natural Sciences, Mathematics, and Engineering is currently offering three engineering degrees. The current plans for these degrees and the future of engineering at CSUB will be presented.

My plan is to bring along the two chairs of engineering programs and a new engineer faculty member with responsibility for petroleum engineering.
SPEAKER:

Dr. Julio R. Blanco is Dean of the School of Natural Sciences, Mathematics, and Engineering, and Associate Provost for Grants, Resource Management and Planning at California State University, Bakersfield. He has over 30 years of academic, administrative, aerospace research, and management experience. He has supervised fourteen master theses and 11 honor undergraduate theses, as well as supervised research and post-doctoral fellows. He has over 30 peer-reviewed research articles and has participated in lead roles in research projects over his career in excess of two hundred million dollars. Currently he co-chairs the CSUB graduation rate initiative, a CSU system project, part of a national effort to increase the number of students graduating within six-years with a baccalaureate degree and to reduce the graduation rate gap between unrepresented minorities and the general population. Dr. Blanco is actively engaged with the Kern County community in establishing a pathway into STEM that starts in K-12 through community college and CSUB. Dr. Blanco was the recipient of the 2011 Beautiful Bakersfield Education Award offered by the Greater Bakersfield Chamber of Commerce.

From Our August 2012 General Section Meeting

Generation Equipment and Their Uses to Supplement Power and Heat Loads at Site

This presentation was given by Thomas Marihart with Western Energy Systems at our General Section Meeting Luncheon. He presented several families of generation products and examples of their applications in various industries needing both low cost energy and various sources of coincident thermal energy produced. We thank Thomas for his participation. Pam Willis is seen here presenting him with an SPE speakers appreciation gift.
It has been a long couple of months working on the yearly reserves cycle and now it is behind me. I am looking forward to some normalcy now, but I know the reserves exercise is never over until the next one comes around. It is a wonderful morning at Lake Chelan in Washington as I write this and I am glad I took this mini vacation to do nothing but relax.

Here is a gentle reminder that the ATCE (SPE Annual Technical Conference) at San Antonio is scheduled for October 8 – 10, 2012. If you plan on attending please register and arrange for accommodations as early as you can, http://www.spe.org/atce/2012/.

I have great news for you. Your SJV SPE section has been selected to receive the 2012 President’s Award for Section Excellence. This prestigious award recognizes SPE sections with exceptional programs in technology dissemination, communication, membership development, student interaction, community and society outreach, innovation, and more. Isn’t it awesome that under Larry Millers leadership the SJV SPE won this award? It is well deserved and will be a hard act to follow. The SJV SPE board thanks you and the sponsors for all the support and will be counting on you again to duplicate this success. For those of you visiting the ATCE in San Antonio please join us at the Awards Luncheon on Tuesday October 9th.

The SPE Golden Gate Section is hosting the 2013 Western Regional & AAPG Pacific Section Meeting on April 19 – 25 in beautiful Monterey, CA. The theme is “Energy and Environment Working Together for the Future” and their website is https://sites.google.com/site/wnar2013.

The board and I are pleased to announce the appointment of Ksenia Eliseeva as a 2nd newsletter director. Ksenia joined Schlumberger in 2004 and is now a District Technical Engineer. She has been a SPE member since 2004 and was on the 2012 WRM organizing committee responsible for conference awards.

Lastly attendance at our General Section Meeting, Study Groups and Continuing Education Classes is on a decline and it seems like we are not engaging our membership. Our goal is to serve you better and our board works very hard to get speakers and teachers for our events. We would love to hear from you and work with you to increase this attendance.

Looking forward to hearing from you,

Max Solanki
A reminder to everybody in our membership that the 2012 Annual Technical Conference & Exhibition (ATCE) will
Dear Editor,

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

Dear Larry,

You are correct about the price of MWSS crude oil always being lower than WTI. Around February/March 2011 the differential flipped and ever since MWSS has been on top. One explanation I heard was that a number of California refiners had over the years converted more of their refining capacity to handle the heavier crudes. Since they made this large capital investment they wanted to keep their refineries full of heavy oil to get the maximum benefit from their investment. Because of this new demand and there being a limited supply of heavier oil, prices were driven up. I am sure that the correct answer must be more complicated than just keeping refineries fully utilized. If any of our readers have a different take on this, I think that we would all like to hear what they have to say.

The Editor.

.......
San Joaquin Valley Section  
Of The SPE  
September 2012  
Membership Report

Total Members in Good Standing equals **788**

Individuals listed below are either transferring to or from the San Joaquin Valley SPE Section:

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>Transfer From</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brian Scott</td>
<td>Chevron</td>
<td>SJV Section</td>
</tr>
<tr>
<td>Larry Todd</td>
<td>Schlumberger</td>
<td>Denver Section</td>
</tr>
<tr>
<td>Wei Zhou</td>
<td></td>
<td>SJV Section</td>
</tr>
</tbody>
</table>
The San Joaquin Valley Section of the Society of Petroleum Engineers
The New 2012-2013 Board

From left to right:
**Back Row**—Attila Aksehirli, Terry Kloth, Jeff Kim, Keith Kostelnik, Larry Miller, Omar Hayat, Tom Hampton
**Front Row**—Geordie Chambers, Cynthia Yuen-Lynch, Tara Butler, Pam Willis, Blythe Miron, Neil Malpiede, Max Solanki
Mentoring – The Importance of it and getting what you need from an effective mentoring relationship

As companies staff up for the great crew change there will be a number of early career professionals paired up with mentors. To insure young professionals in the San Joaquin Valley are making the most of their mentor-mentee relationships SPE has asked LaMeka Ross to discuss how to make the most of these relationships.

LaMeka has been with Chevron since November of 2006 when she accepted position as a financial analyst. She held that position for eighteen months before becoming a planning analyst where she was responsible for maintaining a $1 Billion capital budget for the San Joaquin Valley Business Unit. A year ago she moved to Human Resources as an Organization Capability Advisor where she now oversees University Recruiting, Intern Program, Diversity Team, and Employee Networks. She is also currently a member of the San Joaquin Valley Business Unit’s Mentoring Strategy Committee, which has developed several mentoring models.

Wednesday September 19th, 2012 at 6PM
12th floor of the Petroleum Club – Wine Room
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, September 18th: $25 per person (Click Below)
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=49LLMGUN72DTS
Walk-ins are welcome (if space is available) - $30 (SPE Members), $35 (Non-Members) (Cash/Check at door)

Event Contact: Keith Kostelnik 661-412-5580 keith_kostelnik@oxy.com
SPE Surface Study Group Lunch

Creating Digital Thermal EOR Projects Using Wireless Technology and New Data Integration

Date & Time: September 12th, 2012 @ 11.30 am
Venue: Petroleum Club (12th Floor) at 5060 California Ave. in Bakersfield
Speaker: Christopher Angelo, Project Manager for ProGauge Technologies, Inc. and Ramsgate Engineering, Inc.

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=GE84LAX5N265G

Non-Members ($25)
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=X4LX9Z8UQ3DK8

Abstract
Technology over the last decade has revolutionized information systems and how data are collected and shared in our daily lives. An extraordinary amount of data is being collected, stored, analyzed, and shared every day. The oil and gas industry is no stranger to data collection and analysis, but data acquisition and management has historically been complex and expensive and, thus, slowly implemented. With recent advances in hardware and software, costs have plummeted to yield rapid implementation of sophisticated monitoring, analysis, and easy sharing of information in oilfield projects.

The thermal-enhanced oil recovery (TEOR) process requires constant monitoring and analytical management of wells and facilities. This data management process requires large amounts of data to be collected, correlated and acted-upon on a very frequent basis, resulting in easily-recognizable business benefits by oil producers. This presentation reviews the use of wireless instrumentation and integrated data collection systems for digitally managing oilfields, with one such implementation being reviewed.

An independent oil producer using wireless instrumentation and state-of-the-art data integration technology has been operating the largest Wireless HART network in the United States since the beginning of 2010. This independent oil producer is wirelessly monitoring all of their steam injectors in three thermal oil fields located in western Kern County, California.

Biography
Christopher Angelo is a project manager for ProGauge Technologies, Inc. and Ramsgate Engineering, Inc., currently managing ProGauge’s SCADA/Data Management division as well as working on a variety of other projects, such as: oilfield property evaluation, thermal project analysis, thermal diatomite development, and thermal project start-ups in California locations. Christopher has 13 years experience in the oil and gas industry, mainly focused on thermal EOR projects. His specialties are: Production Engineering, Facility Engineering, and Data Analysis. Mr. Angelo graduated from the University of Southern California with a bachelor’s degree in Chemical Engineering. He started his career as a petroleum engineer for Texaco, Inc., continuing as both petroleum and facilities engineer for successor companies ChevronTexaco and Chevron in both California and International thermal EOR projects.
SPE Subsurface Study Group Lunch

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 TJHampton@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

Sep. 18, 2012  SPE – Practical Aspects of Thermal EOR
(8:00 am – 5:00 pm); $1,400
University of Phoenix, Bakersfield

Oct. 1 & 2, 2012  SPE – Cement Evaluation and Remediation
(8:00 am – 5:00 pm); $1,400
University of Phoenix, Bakersfield

Nov. 1, 2012  SPE – Reservoir Aspects of Horizontal and Multilateral Wells
(8:00 am – 5:00 pm); $750
University of Phoenix, Bakersfield

Nov. 26 & 27, 2012  SPE – How to Recognize a Good Log – Intro to Petrophysics I
(8:00 am – 5:00 pm); $1,600
University of Phoenix, Bakersfield

Nov. 28, 2012  SPE - How to Recognize a Good Log – Intro to Petrophysics II
(8:00 am – 5:00 pm); $900
University of Phoenix, Bakersfield

Nov. 29 & 30, 2012  SPE – Evaluating Cement Integrity – Using Today’s Logs
(8:00 am – 5:00 pm); $1,600
University of Phoenix, Bakersfield
SJV SPE Continuing Education
Practical Aspects of Thermal EOR

Instructors:        Dr. Paul L. Bondor, Dr. Ashok K. Singhal, Dr. S. M. Avasthi

Date:        September 18th, 2012 (8:00 am to 5:00 pm)
Location:        University of Phoenix, 4900 California, Ave, Bakersfield, California

Announcement:
SJV SPE is proudly offering Practical Aspects of Thermal EOR. This 1-day course focuses on the practical side of Enhanced Oil Recovery (EOR). 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. For more details, also feel free to contact SPE directly: trainingcourses@spe.org.

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 Website (below). The price of this course is $1400. A morning and afternoon snack and cold and hot drinks are included. Please note lunch is not included in this price.

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

Target Audience:
This course is for petroleum, reservoir, production and facilities engineers, as well as managers, government officials and others who are interested in the practical aspects of thermal technologies for recovering heavy oil.

Description:
This 1-day course focuses on the practical side of Enhanced Oil Recovery (EOR). It presents thermal techniques and strategies, with a minimum of theory. Participants will learn to solve thermal EOR problems, and will receive workbooks with copies of the instructors’ presentations.

Instructors:
Paul L. Bondor is an expert in secondary recovery, EOR technologies, and the revitalization of mature oilfields. He has worked with Avasthi & Associates in Houston as a principal engineering and EOR advisor since 2006. Bondor has more than 42 years of worldwide oil and gas experience, including 35 years with the Royal Dutch/Shell Group, where he served as Shell’s reservoir engineering instructor and the head of Royal Dutch/Shell’s EOR research. Since his retirement from Shell in 2003, he has continued to consult on reservoir technologies and practices. Bondor holds a BS in engineering science, an MS in mechanical engineering, and a PhD in engineering, all from Case Western Reserve University.
Ashok K. Singhal, an expert in EOR technologies and horizontal well applications, is a principal consultant with Premier Reservoir Engineering Services, where he provides consulting and training in EOR. He has more than 35 years of worldwide oil and gas experience in heavy oil and tar sand reservoir engineering, horizontal well technology, CO2 flooding, thermal EOR, and waterflood projects. He has lectured on EOR, horizontal well applications and other topics around the world. Singhal is an engineering alumnus of Indian School of Mines and the University of Alberta, Edmonton. He earned his PhD in petroleum engineering from the University of California and later taught chemical engineering at the Indian Institute of Technology and petroleum engineering at the University of Alberta.

S.M. (Sam) Avasthi, PE is president of Avasthi & Associates, a worldwide petroleum consulting company headquartered in Houston, Texas. He has extensive experience in oil and gas reservoir engineering and simulation, the revitalization of mature fields, EOR project design, as well as reservoir asset optimization and training. Sam Avasthi is an engineering alumnus of the Indian School of Mines, Imperial College of the University of London, and Texas A&M University. He earned his PhD in petroleum engineering from Texas A&M University, and was a Research Fellow in chemical engineering at Rice University in Houston, Texas.

Before founding his own company, Avasthi held senior-level petroleum engineering and consulting positions with a major oil and gas company and an international oil and gas consulting company. He is a registered professional engineer in Texas, a senior member of SPE, and a technical editor for the SPE Reservoir Evaluation & Engineering journal.
Cement Evaluation and Remediation

Instructor:        James J. Smolen, William K. Ott

Date:   Oct. 1-2, 2012 (8:00 am to 5:00 pm)
Location:   University of Phoenix, 4900 California, Ave, Bakersfield, California

Announcement:
SJVSPE is proudly offering *Cement Evaluation and Remediation*. This 2-day course examines methods
for detecting fluid channels, voids and leaks, and how to repair them. 1.6 CEUs (Continuing Education
Units) awarded for this 2-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. For more details, also feel free to contact SPE
directly: trainingcourses@spe.org.

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 Website (below). The price of this course is $1400. A
morning and afternoon snack and cold and hot drinks are included. Please note lunch is not included in
this price.

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

Target Audience:
This course is for drilling and completion engineers, field supervisors, petroleum engineers and geologists
as well as managers and regulatory officials who need to understand what can go wrong with a cement
job and how it can be repaired.

Description:
This 2-day course examines methods for detecting fluid channels, voids and leaks, and how to repair
them. It also covers the logging tools and technologies used to evaluate the integrity of the cement prior
to initial completion or anytime during the life of the well. The first day of class is dedicated to evaluating
cement and the second day to repairs.

Instructors:
*James J. Smolen* has more than 30 years of experience in cased hole well logging, applications, related
research, and training. He began in the oil industry in 1970 with Schlumberger and since 1980, has been
an officer and director of Petroleum Computing, as well as an international consultant and trainer. He has
numerous publications to his credit, including the 1996 PennWell text, Cased Hole and Production Log
Evaluation. Smolen was a Distinguished Lecturer for SPE and SPWLA. He holds a BS from Northwestern
University, and earned his MS and PhD degrees from the University of California, Berkeley.

*William K. (Bill) Ott* is an independent, international petroleum consultant based in both Houston and
Singapore. He was an SPE Distinguished Lecturer in 2007–2008, and has conducted technical petroleum
industry courses worldwide. He has written numerous technical papers relating to well completions and
workovers, and is coauthor of the popular *World Oil Modern Sandface Completion Practices Handbook*
and *World Oil Downhole Remediation for Mature Oil & Gas Fields*. 
SJVSPE Continuing Education

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=_s-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.
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 guidelines 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 September Sponsor is

Thursday, September 27th, 2012
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 Weatherford for sponsoring our August Monthly Networking Bash!

Weatherford

Wireline Services
Tubing Conveyed Perforating

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

- MWSS
- WTI

Oil Price ($/bbl)
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
Call (780) 461-2944
Fax (780) 461-8494
e-mail: farouq@telusplanet.net
PayZone Inc. 30+ years in California
Geological and Petrophysical Consulting
Services for the Petroleum Industry
Bakersfield, California, USA 661-387-1715

Integrated log analysis model for sands, diatomites, and shales

Accurate, consistent fieldwide reservoir properties (So, porosity, permeability) for modeling, utilizing core and engineering data for calibration

Log and file data management

Training in advanced log analysis - see our website for course descriptions and schedules

Now offering Image Log Interpretation Services!

Local Monterey Experts for Over 25 Years
www.payzoneinc.com
Deborah Olson, President
dmolson@payzoneinc.com
661-747-0375

Tom Howard, Image Analyst
tomh@payzoneinc.com
832-407-2862
Technical Training Courses:

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

www.payzoneinc.com

Deborah Olson, President
dmolson@payzoneinc.com
661-747-0375

Tom Howard, Image Analyst
tomh@payzoneinc.com
832-407-2862
RESERVOIR ENGINEER

ESSENTIAL DUTIES AND RESPONSIBILITIES:
- Conducts Reservoir surveillance to monitor production performance and make recommendations for optimization.
- Completes reservoir studies and performs reservoir engineering functions including decline curve analysis, material balance, volumetrics, waterflood studies, pressure transient analysis, nodal analysis, etc.
- Evaluate and initiate exploitation opportunities including new drill wells and workovers.
- Prepare production forecasts, operating plans, expenditure forecasts, etc. and evaluate economic models for asset valuations and budget preparation.
- Experience with waterflooded and/or thermal recovery oil fields very favorable.
- Support exploration teams in evaluation of projects including construction of economic models, probabilistic estimation of reserve potential, play analysis, production forecasting, evaluation of possible development scenarios, commercial thresholds, capital commitments, operating expenses and overall operational plans. Perform risked economic assessment including decision tree analysis.
- Evaluate and perform detailed assessments of potential acquisition and divestiture candidates.

POSITION SPECIFICATIONS:
- Minimum of BS in Engineering.
- Minimum of 3 years of reservoir engineering experience, preferably in the oil and gas industry, with a technical proficiency in all areas of reservoir engineering.
- Must have a working knowledge of commercial oil and gas economics software. PXP uses Merak's PEEP. Training will be provided.
- Working knowledge of field surveillance/management software extremely beneficial.
- PXP uses OFM. Training will be provided.
- Must be proficient in use of PC’s and Microsoft Office.
- Must have good presentation, communication and technical writing skills.
- Must be flexible and adaptable to changing priorities and meet established deadlines.
- Must be a self-starter interested in working in a team-oriented environment that delivers high quality, comprehensive, well-planned work product.

Competitive benefits package. Submit Cover Letter & Resume to: PXP Attn: HR, 1200 Discovery Dr., Suite 500, Bakersfield, CA 93309 or Fax 661-395-5283 or email calcareers@pxp.com EOE, M/F/D/V
At Chevron, you'll join a team with the technology to take on big challenges, the integrity to do it responsibly, and the drive to keep the world moving forward. Are you up to the job?

Chevron is hiring experienced production and reservoir engineers. Please visit us online at chevron.com/careers to learn more and apply.

Join the Challenge.
Production Engineer

Founded by Lloyd Noble in 1932, Noble Energy has 80 years of success in the energy industry. As one of the first independent producers to explore in the Gulf of Mexico, the company helped shape the industry and its own future success.

Today, Noble Energy is an S&P 500 company with reserves of 1.2 billion barrels of oil equivalent and assets totaling over $16 billion at year-end 2011. Recognized for innovation, flexibility, exploration proficiency and our technical capabilities in developing hydrocarbon resources, we have an impressive record of success in various regions of the world. We have core operations onshore in the U.S. (primarily in the DJ Basin and the Marcellus Shale), in the deepwater Gulf of Mexico, offshore Eastern Mediterranean and offshore West Africa.

We are offering an immediate employment opportunity for a Production Engineer in our new core area, Marcellus Shale, located in Canonsburg, PA.

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 workovers 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

The SPE Golf Committee thanks all of our Platinum Sponsors
2012 SPE Golf Tournament
Sponsorship Appreciation

The SPE Thanks all of our Gold and Silver Sponsors
### Company Information:

<table>
<thead>
<tr>
<th>Company</th>
<th>Address</th>
<th>City, State, Zip</th>
<th>Business Phone</th>
<th>Fax</th>
<th>Contact Name</th>
<th>Date of Request</th>
</tr>
</thead>
</table>

### Monthly Advertising Rates: (circle one)

<table>
<thead>
<tr>
<th>Size, inches</th>
<th>Rate, $ / Month</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 X 3.5</td>
<td>25.00</td>
<td>(One business card size)</td>
</tr>
<tr>
<td>4 X 3.5</td>
<td>50.00</td>
<td>(Two business cards size)</td>
</tr>
<tr>
<td>6 X 3.5</td>
<td>75.00</td>
<td>(Three business cards size)</td>
</tr>
<tr>
<td>8 X 3.5</td>
<td>100.00</td>
<td>(Four business cards size)</td>
</tr>
<tr>
<td>10 X 3.5</td>
<td>125.00</td>
<td>(1/2 page, one column)</td>
</tr>
<tr>
<td>2 X 7</td>
<td>50.00</td>
<td>(Two business cards size)</td>
</tr>
<tr>
<td>4 X 7</td>
<td>100.00</td>
<td>(Four business cards size)</td>
</tr>
<tr>
<td>5 X 7</td>
<td>125.00</td>
<td>(1/2 page)</td>
</tr>
<tr>
<td>6 X 7</td>
<td>150.00</td>
<td>(Six business cards size)</td>
</tr>
<tr>
<td>10 X 7</td>
<td>250.00</td>
<td>(full page)</td>
</tr>
</tbody>
</table>

### Advertising Order Form:

- Ad Size: 
- Start Date:  
- One Month Cost:  
- # Months Run:  
- TOTAL Due:  
- Payment Due:  

**If possible, please provide payment at time of placing advertisement.**

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

### Special Instructions:

- Art Work: (circle one)
  - Camera Ready Art
  - Black & White Copy
  - 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

### Support the SJV SPE News Letter by Purchasing Advertising Space

Monthly newsletter distributed to San Joaquin Valley & Santa Maria Sections  
Members free of charge. PDF posted to website at month's end.  
Rates start at only $25/month.  
E-mail the SJV SPE Newsletter Editor for more info at NeilM@CannonCorp.us.
Have You Renewed Your SPE Membership?

Membership Renewals are Due NOW!

Go to: www.spe.org/renew

Log in to renew online or print an invoice to mail or fax to SPE

SPE dues waiver policy (up to two years if unemployed with a written request)
To Join SPE
Go to the Link:
http://www.spe.org/join/qualify.php

Do you work in the Oil & Gas Industry?
If so, Think Big Benefits with SPE.
Join Our Worldwide Membership Today!
# SJV SPE Board of Directors 2011-2012

<table>
<thead>
<tr>
<th>POSITION</th>
<th>NAME</th>
<th>COMPANY</th>
<th>PHONE</th>
<th>E-MAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section Chair</td>
<td>Max Solanki</td>
<td>Oxy of Elk Hills Inc.</td>
<td>(661) 412-5194</td>
<td><a href="mailto:Max_Solanki@Oxy.com">Max_Solanki@Oxy.com</a></td>
</tr>
<tr>
<td>Program</td>
<td>Jesse Frederick</td>
<td>WZI Inc</td>
<td>(661) 326-1112</td>
<td><a href="mailto:jfrdrck@wziinc.com">jfrdrck@wziinc.com</a></td>
</tr>
<tr>
<td>Membership</td>
<td>Cynthia Yuen Lynch</td>
<td>Chevron Corporation</td>
<td>(66) 654-7020</td>
<td><a href="mailto:Cynthia.Lynch@Chevron.com">Cynthia.Lynch@Chevron.com</a></td>
</tr>
<tr>
<td>Secretary</td>
<td>Blythe Miron</td>
<td>Aera Energy LLC</td>
<td>(661) 281-5713</td>
<td><a href="mailto:BMMiron@aeraenergy.com">BMMiron@aeraenergy.com</a></td>
</tr>
<tr>
<td>Treasurer</td>
<td>Geordie Chambers</td>
<td>Chevron Corporation</td>
<td>(661) 654-7395</td>
<td><a href="mailto:ggchamber@Chevron.com">ggchamber@Chevron.com</a></td>
</tr>
<tr>
<td>Surface Study Group</td>
<td>Attila Aksehirli</td>
<td>Chevron Corporation</td>
<td>(661) 632-1323</td>
<td><a href="mailto:Attila.Aksehirli@Chevron.com">Attila.Aksehirli@Chevron.com</a></td>
</tr>
<tr>
<td>Sub-Surface Study Group</td>
<td>Tom Hampton</td>
<td>Aera Energy LLC</td>
<td>(661) 665-5227</td>
<td><a href="mailto:TJHampton@aeraenergy.com">TJHampton@aeraenergy.com</a></td>
</tr>
<tr>
<td>Newsletter Editor</td>
<td>Neil Malpiede</td>
<td>Cannon</td>
<td>(661) 809-0139</td>
<td><a href="mailto:NeilM@CannonCorp.us">NeilM@CannonCorp.us</a></td>
</tr>
<tr>
<td>Newsletter Asst. Editor</td>
<td>Ksenia Eliseeva</td>
<td>Schlumberger</td>
<td>(661) 978-2250</td>
<td><a href="mailto:knosova@slb.com">knosova@slb.com</a></td>
</tr>
<tr>
<td>Website Administrator</td>
<td>Jeff Kim</td>
<td>Aera Energy LLC</td>
<td>(661) 665-7420</td>
<td><a href="mailto:HJKim@aeraenergy.com">HJKim@aeraenergy.com</a></td>
</tr>
<tr>
<td>Continuing Education Program</td>
<td>Terry Kloth</td>
<td>PG&amp;E &amp; Zodiac Exploration Inc.</td>
<td>(661) 858-9631</td>
<td><a href="mailto:TLKB@pge.com">TLKB@pge.com</a></td>
</tr>
<tr>
<td>Continuing Education Arrangements</td>
<td>Pamela Willis</td>
<td>WZI Inc</td>
<td>(661) 326-1112</td>
<td><a href="mailto:pamelaw@wziinc.com">pamelaw@wziinc.com</a></td>
</tr>
<tr>
<td>Activities</td>
<td>Tara Butler</td>
<td>Enova Solutions</td>
<td>(661) 327-2405</td>
<td><a href="mailto:Tbutler@enovaes.com">Tbutler@enovaes.com</a></td>
</tr>
<tr>
<td>Community Outreach Education</td>
<td>Omar Hayat</td>
<td>Oxy of Elk Hills Inc.</td>
<td>(661) 204-8593</td>
<td><a href="mailto:Omar_Hayat@oxy.com">Omar_Hayat@oxy.com</a></td>
</tr>
<tr>
<td>Young Professionals Liaison</td>
<td>Keith Kostelnik</td>
<td>Vintage Production Calif.</td>
<td>(661) 412-5580</td>
<td><a href="mailto:Keith_Kostelnik@oxy.com">Keith_Kostelnik@oxy.com</a></td>
</tr>
<tr>
<td>Award Nominations</td>
<td>Larry Miller</td>
<td>Halliburton</td>
<td>(661) 391-5387</td>
<td><a href="mailto:Larry.Miller@Halliburton.com">Larry.Miller@Halliburton.com</a></td>
</tr>
<tr>
<td>Western NA Regional Director</td>
<td>Dr. Sam Sarem</td>
<td>Improved Petroleum Recovery Consultants</td>
<td>(714) 692-1198</td>
<td><a href="mailto:sam4iprc@aol.com">sam4iprc@aol.com</a></td>
</tr>
</tbody>
</table>