San Joaquin Valley Section SPE General Meeting

Register today and don’t forget to invite a colleague

An extra 45 minutes can provide a world of knowledge. Enhance your knowledge and grow professionally. Hear industry leaders speak on topics in their area of expertise. Be sure to invite your colleagues and section members to attend this exceptional lecture.

Topic: Releasing Shale-Gas Potential with Fractured Horizontal Wells

Speaker: Erdal Ozkan, Professor – Petroleum Engineering Colorado School of Mines

Date: Thursday June 14th, 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

Reservation: RSVP by Tuesday morning June 12th, using one of three options:

Use 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-Members - $25

OR if the above links don’t work please copy these links below in your browser’s address box

Members
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=SA4RFG3KNBDD6

Non Members
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=WLTSPW4A4ANUJ

OR

Email: Max_Solanki@Oxy.com
Call 661-412-5194

Walk-ins and attendees with email/phone RSVP must pay by cash or check at the door. Sorry, no credit cards accepted at the door. RSVP no shows may be billed.
Releasing Shale-Gas Potential with Fractured Horizontal Wells
(continued)

Support your SPE Section and help them win a $500 prize. Learn how! Visit the Distinguished Lecturer Website http://www.spe.org/events/dl/

Abstract:

In the last decade, our understanding of shale reservoirs has progressed significantly. It is now agreed that a major factor for the productivity of shale reservoirs is the existence of a pervasive reservoir fracture network around the well. Accordingly, a common practice is to use hydraulically fractured horizontal wells to improve the connection with the reservoir fractures. Flow in these unconventional systems is considered linear in the fractured volume around the well and is usually interpreted with conventional reservoir engineering wisdom. The flaw in this interpretation is an accurate accounting of the matrix contribution due to the unconventional nature of flow in nano-darcy shale matrix.

This lecture presents a discussion of the characteristics of shale reservoirs and their impact on the performance of fractured horizontal wells. Various flow mechanisms in shale matrix and fluid transfer from matrix to fracture network are explained. Key parameters of productivity are identified and explained. Emphasis is given to the estimation of the extent of reservoir fracture network, prediction of the efficiency of matrix drainage, and their impact on the estimation of well's drainage volume. The main idea to take away from this lecture is that some conventional reservoir engineering interpretations and practices may not be adequate (or appropriate) for shale reservoirs. For example, hydraulic fracture conductivity is usually not a key parameter for wells in shale reservoirs. Examples are presented to highlight practices/problems in the interpretation of well performance from fractured horizontal wells in shale reservoirs.

Biography:

Dr. Erdal Ozkan is a professor of Petroleum Engineering and co-director of Marathon Center of Excellence for Reservoir Studies at Colorado School of Mines. Previously, he was on the faculty at Istanbul Technical University. He has BS and MS degrees from Istanbul Technical University and a Ph.D. degree from the University of Tulsa, all in Petroleum Engineering. His research interests are horizontal well technology, pressure-transient analysis, modeling fluid flow in porous media, and shale reservoirs.

Dr. Ozkan has authored or co-authored over one hundred technical papers, co-authored a book, and contributed chapters to the Well Testing Monograph and Reservoir Engineering Handbook of SPE. He has served as the Executive Editor of SPEREE, Chief Editor of The Journal of Petroleum Science and Engineering, and the Associate Editor of JERT. He was involved in the organization of several SPE conferences, forums, and workshops including the recent meetings on shale reservoirs. Dr. Ozkan is a member of the SPE RD&D Advisory Committee and a Technical Director of the SPE Research and Development Technical Section. He is a Distinguished Member of the SPE and the recipient of the 2007 SPE Formation Evaluation Award.
Well, it’s my final “Swan Song”. My final “From the Chair” that you so graciously read and tolerate. I could very easily ramble on about all the accomplishments that this SJV SPE Board has done this year, or “Flap my Wings” about all the hard work and effort that went into the successful WRM by it’s committee, but I think I am going to go a different route and talk about the fantastic vacation to Italy that I just returned from.

“What!” (Most of you are probably thinking now). “Who gives a hoot about your vacation”. Most of you are probably just surprised that I didn’t get arrested while I was there. But there is one thing I wanted to share with you all, before I part from this column, about what I saw in Italy, and that is the “Passion for Life”.

Priorities of life are generally different there, to where family and health come way before material goods and work, and in general, you truly can feel it in the air. When I needed directions, Italians went out of their way to assist me, and when I needed wine and food, they went out of their way to accommodate me. Now don’t think it is because I am still jet-lagged that I say this, but in a very similar way, that is the way this SJV SPE Board worked with me this year. They were always there to keep the direction of the SJV Section on a correct course, they always made sure that the membership was “nourished” with Continuing Education Courses, Distinguished Lecturers, and putting on the Western Regional Meeting, and that my glass at the board meetings was never empty. My “job” as Section Chair was easy and fulfilling, simply because the Board prioritized it’s role, and made sure that the “life” of the San Joaquin Valley Section was healthy.

Thank you Board, and thank you members for giving me some awesome memories of a truly great year.

Thank you,

Larry Miller – 2011-12 SJV SPE Chairman
Letters to the Editor

San Joaquin Valley Section
Society of Petroleum Engineers

This month I would like to suggest that our SJV Section Newsletter readers consider supporting something new, a “Letters to the Editor” section. Only with your help and enthusiasm can it be successful. Your opinions matter and as a board member and editor of the SJV SPE Newsletter I promise to post your thoughts (and photos) along with a response as appropriate from either me or from other SJV Section board members or from any SJV Section members. This is a way that SJV Section members can be heard. Board and section members want to hear what you have to say.

For example we would like to hear your opinions about how we are doing as your SJV SPE Board. Do you like what’s in the Newsletter or not. Do you have suggestions for improvements? What new features would you suggest adding to the Newsletter? Are you happy with what is being offered for SJV SPE Continuing Education courses. Any suggestions for other courses? What new subjects/events should be addressed by your SJV Section and featured in the Newsletter? Submit material on any topic (SPE or energy industry related) you might think that others in our Section may be interested in reading and commenting on. Comments from our readers will be featured in subsequent editions.

Please forward your material to be featured in “Letters to the Editor” to Neil Malpiede, Editor SJV SPE Newsletter, neilm@CannonCorp.us. Deadline for submissions will be the 5th of every month for the month the Newsletter will be published.

Thank you in advance for you participation,

Neil Malpiede
Editor
SJV SPE Newsletter
SPE Subsurface Study Group Lunch

Anisotropy in Borehole Seismic Applications

Date: Wednesday, June 13, 2012, 11:30am
Venue: Petroleum Club (2nd Floor) at 5060 California Ave. in Bakersfield
Speaker: Dr. Martin Karrenbach, SR2020

RSVP via e-mail to bmmiron@aeraenergy.com
Or reserve via PayPal:
Members ($20)
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=C7Y72UNDV79CW
Non-Members ($25)
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=6SEYVAN83HBH8

Abstract

With the increasing use of long-array receiver borehole tools a variety of subsurface parameter estimates can reliably be obtained that go beyond the traditional use of time-depth conversions. Since borehole seismic data is acquired in a low noise subsurface environment highly detailed images can be obtained showing thin beds, complex faulting, or heterogeneous distributions of EOR fluids such as steam, CO2 or water. In creating such images, detailed velocity models need to be found to carry the high frequency and large bandwidth in the data processing through to the final images. Such detailed velocity models often include anisotropic parameters that allow us to describe the real-world wave propagation accurately. Not only active source borehole seismic applications such as 3D VSP, CVSP or Multi-azimuth WVSP can make use of such estimations, but also passive micro-seismic surveys (hydro-frac monitoring) benefit, since microseismic event locations can be placed more accurately using anisotropic velocity information. In this talk we show how subsurface parameters such as stress fields or fracture sets express themselves in anisotropic seismic effects and show some borehole seismic estimation techniques. Such detailed analysis and proper application of those estimates can impact reservoir management greatly by allowing increased production with a minimum number of optimally placed wells.

Biography

Dr. Martin Karrenbach, Sr. Vice President, Research and Development

Dr. Martin Karrenbach has been an integral part of the SR2020 team and its predecessors since 2000. He is currently responsible for design and development of novel borehole seismic processing algorithms and software to support Massive VSP data acquisition, imaging and modeling.

With extensive experience in organizing and managing strategic research projects, purely scientific as well as applied industry funded projects and successful grant applications for DOE funded research and development projects, is invaluable. A strong scientific and numerical analysis background supports his active research areas in computational geophysics and physical system modeling with an emphasis on interdisciplinary research and development.

Prior to joining the SR2020 team, Martin was an Assistant Professor of Geophysics at Karlsruhe University where he focused on Exploration & Production Seismology/Crustal Seismology, and was Research Team Leader with the industry sponsored consortium Wave Inversion Technology (WIT).

Dr. Karrenbach received his Ph.D. in Geophysics from Stanford University, M.Sc. in Geophysics from the University of Houston and Vordiplom Physik from Karlsruhe University. A prolific writer, Martin has over 15 peer reviewed scientific publications.
2012 SJV SPE BOARD ELECTION BALLOT
(Director’s Term is 7/2012 through 6/2013)

Please Return Ballot No Later than JUNE 25,2012 by email to Larry.Miller@Halliburton.com
(Print this ballot, then scan and send to the above email OR send photo of completed ballot)

Please vote for one person per position below, either a listed candidate or write-in candidate:

Section Chair:  [ ] Max Solanki  [ ] Write-In __________________________
Program Chair:  [ ] Jesse Frederick  [ ] Write-In __________________________
Membership Chair:  [ ] Cynthia Lynch  [ ] Write-In __________________________
Secretary:  [ ] Blythe Miron  [ ] Write-In __________________________
Treasurer:  [ ] Geordie Chambers  [ ] Write-In __________________________
Awards:  [ ] Larry Miller  [ ] Write-In __________________________

Please vote for up to FOUR Board Members, either a listed candidate or write-in candidate:

BOARD MEMBERS:

[ ] Pam Willis
[ ] Rakesh Trehan
[ ] Tom Hampton
[ ] Jeff (Hyun) Kim
[ ] Omar Hayat
[ ] Neil Bourda
[ ] Write-In __________________________

Your Name __________________ SPE Membership# ____________ Signature _________________

Ballot must include name, SPE Membership # and signature to be valid. Voters must be valid, paid members of the SJV Chapter of the SPE. All votes remain confidential to the election committee.

Unlike my Democratic way… ONLY ONE Ballot per Member
2012 Election  
San Joaquin Valley Section – Society of Petroleum Engineers  
Nomination Form for 2012-2013 Term

Nomination for: Membership

Personal Information

<table>
<thead>
<tr>
<th>Name:</th>
<th>Cynthia Lynch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone:</td>
<td>(661) 654-7020</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:Cynthia.Lynch@Chevron.com">Cynthia.Lynch@Chevron.com</a></td>
</tr>
<tr>
<td>Company affiliation</td>
<td>Chevron</td>
</tr>
<tr>
<td>Job Title</td>
<td>Completions Engineer</td>
</tr>
</tbody>
</table>

Brief Work History

- 2010 – present: Chevron – Completions Engineer

SPE & Petroleum Industry Contributions

- 2010: SPE paper 134855: *Effectiveness of Water-Jet Fracturing on a Horizontal Open Hole Completion: Case Study* (by Sigifredo J. Rosales, Rafael A. Hernandez, Cynthia Yuen Lynch and Ernesto Bustamante), presented at the 2010 SPE ATCE in Florence, Italy
- 2011 – present: Treasurer, SJV SPE
- 2011 – 2012: Treasurer/Finance, 2012 SPE Western Regional Meeting
- 2010 – 2011: Newsletter Editor, SJV SPE
- 2009 – 2010: Chair, SJV Young Professionals Chapter of SPE
- 2008 – 2010: Young Professionals Liaison, SJV SPE

Candidate Synopsis

I have been a part of the SJV SPE Board for the past 4 years and currently serve as the Treasurer. I would like to continue to dedicate my time to the board if you choose to re-elect me. Thanks!
Nomination for:  SECRETARY

**Personal Information**

<table>
<thead>
<tr>
<th>Name</th>
<th>Blythe Miron</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone</td>
<td>(661) 665-5407</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:bmmiron@aeraenergy.com">bmmiron@aeraenergy.com</a></td>
</tr>
<tr>
<td>Company affiliation</td>
<td>Aera Energy LLC</td>
</tr>
<tr>
<td>Job Title</td>
<td>Reservoir Engineer</td>
</tr>
</tbody>
</table>

**Brief Work History**

I started with Aera in September 2005. During my time at Aera, I have worked as a production engineer in the Subsurface Total Process Reliability group at the Belridge field and at the North Midway Sunset field. In 2009, I joined the Heavy Oil Production Monitoring team for the Belridge field.

**SPE & Petroleum Industry Contributions**

2011 – 2012  SJV SPE Section Subsurface Study Group
Since joining Aera, I have been involved in many of the Team Aera events including Relay for Life, The Great American Cleanup, Links for Life, and United Way Day of Caring.

**Candidate Synopsis**

I have been on board for one year and a member of SPE since 2005. I have enjoyed my involvement with the board in the last year and look forward to continuing to serving the SJV SPE chapter. As Secretary for 2012-2013, I hope to provide the skill and dedication that will allow SJV SPE chapter to continue excel and thrive.
2012 Election
San Joaquin Valley Section – Society of Petroleum Engineers
Nomination Form for 2012-2013 Term

Nomination for: Treasurer

<table>
<thead>
<tr>
<th>Personal Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name:</td>
</tr>
<tr>
<td>Phone:</td>
</tr>
<tr>
<td>Email:</td>
</tr>
<tr>
<td>Company affiliation</td>
</tr>
<tr>
<td>Job Title</td>
</tr>
</tbody>
</table>

Brief Work History

I graduated from Colorado School of Mines with a Masters in Petroleum Engineering and started my career with Chevron in 2008. I have worked as a reservoir and production engineer with Chevron San Joaquin Valley.

SPE & Petroleum Industry Contributions

2008-2009       SJV SPE YP Director
2009 – 2010;    SJV SPE YP Treasure
2010 – 2011;    SJV SPE Liaison for YP’s, SJV SPE YP Chair
2011 – 2012;    SJV SPE Continuing Education Director

Candidate Synopsis

Over the past four years I have had the opportunity to serve with SJV SPE and SJV SPE YP Board. I have enjoyed the people and partnerships that I have created with SPE. I am excited about the opportunity of being elected as treasurer. In this role I hope to continue to dedicate my time to the board to ensure all fiscal activity runs smoothly.
Nomination for: AWARDS

Personal Information

<table>
<thead>
<tr>
<th>Name:</th>
<th>Larry S. Miller</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone:</td>
<td>(661) 391-5387</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:Larry.Miller@Halliburton.com">Larry.Miller@Halliburton.com</a></td>
</tr>
<tr>
<td>Company affiliation</td>
<td>Halliburton</td>
</tr>
<tr>
<td>Job Title</td>
<td>District Manager - West Coast</td>
</tr>
</tbody>
</table>

Brief Work History

Started with Halliburton in September of 1976 and have been with them ever since. I have held positions in operations, engineering, sales, technology and management and am presently West Coast District Manager.

SPE & Petroleum Industry Contributions

1998; SPE Paper 46215 – Foam Cementing Cyclic-Steam Producing Wells: Cymric Field Case Study
2005 – 2007; SJV SPE Continuing Education Arranger
2007 – 2008; SJV SPE Newsletter Editor
2008 – 2009; SJV SPE Secretary
2009 – 2010; SJV SPE Program Chairman
2010 – 2011; SJV SPE Program Chairman
2011 – 2012; SJV SPE Section Chairman

Candidate Synopsis

Over the past seven years I have had the opportunity to serve on the SJV SPE Board and have come to realize that without the support of individual’s time and efforts and corporation’s sponsorship and support, the SJV SPE would not be here as a platform for our upcoming young professionals, and information dissemination within our industry.
2012 SJV SPE Board Elections
Nomination Form for the 2012 – 2015 SPE Board Term

Nomination for Board Member at Large:

<table>
<thead>
<tr>
<th>Personal Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: Pamela Willis</td>
</tr>
<tr>
<td>Phone: (661) 326-1112</td>
</tr>
<tr>
<td>Email: <a href="mailto:pamelaw@wziinc.com">pamelaw@wziinc.com</a></td>
</tr>
<tr>
<td>Company Affiliation: WZI Inc.</td>
</tr>
<tr>
<td>Job Title: Environmental Specialist</td>
</tr>
</tbody>
</table>

Brief Work History

I began working for WZI in April 2004. My responsibilities as an environmental specialist range from writing environmental documents to permitting facilities to compliance assurance for a diverse set of clientele.

SPE & Petroleum Industry Contributions

Since June 2010 I have worked closely with the SPE Board in various capacities. Most recently I co-chaired the 2012 Engineering Day event and sat on the 2012 WRM committee.

In previous years, I have assisted with newsletter editing and managing all student files, communications and distribution of monies in conjunction with the SPE Scholarship Committee.

Candidate Synopsis: Describe why you would like to serve on the SJV SPE Board (About 30 words):

As a member of SJV SPE I have gained a greater understanding of the petroleum and scientific industry as a whole. I have enjoyed being in the middle of industry development and being able to watch and learn as new technologies unfold.

Working closely with the Board over the last few years has afforded me the opportunity to assist other professionals in fostering youth interest and growth in the sciences, as well as broadening my professional network. I am diligent, I often serve as the voice of practicality, and I am able to remain focused in demanding situations. I would enjoy bringing my talents to the Board and continuing to work with others as an official board member.
2012 SJV SPE Board Elections

Nomination Form for the 2012 – 2015 SPE Board Term

Nomination for Board Member at Large:

<table>
<thead>
<tr>
<th>PERSONAL INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: Rakesh Trehan</td>
</tr>
<tr>
<td>Phone: 661 378 6098</td>
</tr>
<tr>
<td>Email: <a href="mailto:Rakesh.Trehan@halliburton.com">Rakesh.Trehan@halliburton.com</a></td>
</tr>
<tr>
<td>Company Affiliation: Halliburton</td>
</tr>
<tr>
<td>Job Title: District Technology Manager</td>
</tr>
</tbody>
</table>

Brief Work History

Working with Halliburton for more than 8 years and have held positions in field engineering, in-house engineer and am presently District Technology Manager.

SPE & Petroleum Industry Contributions

- Session Chair for the Shale and Diatomite: Hydraulic Fracturing section 2012 WRM SPE (Bakersfield, CA)
- Coauthor of 4 SPE papers presented at different SPE WRM conferences
- Member of SPE since 2003

Candidate Synopsis: Describe why you would like to serve on the SJV SPE Board (About 30 words)

I have been in SJV and active member of SPE since 2003. I would like to share my knowledge and experience by serving on SPE Board.
Nomination for Board Member at Large:

**PERSONAL INFORMATION**

Name: *Tom Hampton*
Phone: *661 665-5227*
Email: *TJHampton@AeraEnergy.com*
Company Affiliation: *Aera Energy LLC*
Job Title: *Sr. Staff Reservoir Engineer*

**Brief Work History**

Senior Staff Reservoir Engineer for Aera Energy, LLC on the Diatomite Thermal Recovery Team. 2002-2011 Senior Reservoir Engineer, Oxy Elk Hills in ESOZ, various EOR projects. 1997-2002 Simulation Engineer, SLB Holditch Reservoir Technology, consulting for various companies in CA. 1991-1997 Bechtel at Elk Hills, in the Stevens MBB and Monterey Shales. Prior to this, worked for small independent in Oklahoma with properties in Hugoton, Arkoma, Anadarko, and East Texas basins. BS in Mathematics from BYU, BS in Petroleum Engineering and MBA from University of Oklahoma; registered professional engineer in California.

**SPE & Petroleum Industry Contributions**

Authored four SPE papers (S35742, 35743, 62572, 68879) and co-authored one (76731). These papers cover a range of topics from case study, using special core analysis, simulation, and quick analytic methods. Worked on variety of projects involving designing and implementing pilots, waterflood, gas injection for gravity drainage, chemical flood, foam injection, developing and managing gas reservoirs, and steam injection. These projects have been on complex geologic formations such as the Etchegoin (high perms), tight sands, Monterey Shales, and Diatomite. Have been part of several multi-disciplinary teams on getting new oil out of mature reservoirs to new field development. These projects involved in-depth reservoir characterization, special core work, simulation, and pilots, to increase better reservoir understanding and actual development implementations. Also involved with economic evaluation and reserves process. Mentored several engineers and summer interns.

**Candidate Synopsis:** Describe why you would like to serve on the SJV SPE Board (About 30 words)

I would like to contribute to our local chapter’s wonderful tradition of promoting technical programs, workshops, and mentoring. This will be my way of giving back for my 25+ years of membership.
2012 SJV SPE Board Elections

Nomination Form for the 2012 – 2015 SPE Board Term

Nomination for Board Member at Large:

<table>
<thead>
<tr>
<th>PERSONAL INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: <em>Jeff (Hyun) Kim</em></td>
</tr>
<tr>
<td>Phone: 661 431-6013</td>
</tr>
<tr>
<td>Email: <a href="mailto:HJKIM@AeraEnergy.com">HJKIM@AeraEnergy.com</a></td>
</tr>
<tr>
<td>Company Affiliation: Aera Energy LLC</td>
</tr>
<tr>
<td>Job Title: Production Engineer</td>
</tr>
</tbody>
</table>

Brief Work History

I joined Aera Energy LLC in June 2009 and worked as production engineer for Belridge Asset in several different teams.

SPE & Petroleum Industry Contributions

- SJV Young Professionals Chapter of SPE, 2010 - Present: Plan and schedule monthly meeting and special events (Dodgers game, wine tour, etc.)

Candidate Synopsis: Describe why you would like to serve on the SJV SPE Board (About 30 words)

I enjoyed serving and contributing as officer of SPE YP for the past two years. I am looking forward to the opportunity to be elected to serve as one of SPE's board members.
Nomination for Board Member at Large

**Personal Information**

<table>
<thead>
<tr>
<th>Name:</th>
<th>Omar Hayat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone:</td>
<td>661-412-5507</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:Omar_hayat@oxy.com">Omar_hayat@oxy.com</a></td>
</tr>
<tr>
<td>Company affiliation</td>
<td>Occidental Petroleum Corporation</td>
</tr>
<tr>
<td>Job Title</td>
<td>Engineering, Economics &amp; Planning Advisor</td>
</tr>
</tbody>
</table>

**Brief Work History**

I started my career in the O&G industry with Engro Chemical a former Exxon subsidiary in the downstream segment of the business in 1997. I started in the upstream with Aera Energy LLC in Bakersfield in 2002 and have held various engineering and field operations positions with Aera through 2010. I joined Oxy in 2011 and I am currently working with the business development team in Oxy where I help with technical and economic valuation of Oxy’s acquisitions in California.

**SPE & Petroleum Industry Contributions**

2005 – 2006; SJV SPE Community Outreach
2007 – 2008; SJV SPE Treasurer

**Candidate Synopsis**

My affiliation with SPE goes back 12 years when I joined SPE student chapter at my graduate school. I have served on SJV SPE committee first as a person responsible for community outreach and subsequently as a treasurer for the section.

I feel as members, volunteering our time to help SPE succeed is important and SJV section is doing a great job in serving the members as well reaching out to the community in general.

I took a break from working with SJV section when I relocated to Ventura to take a field operations assignment in 2008. I would like to continue to volunteer my time to SPE for the year 2012-2013 term and would appreciate your endorsement.
2012 SJV SPE Board Elections

Nomination Form for the 2012 – 2013 SPE Board Term

Thank you for considering volunteering for the SJV SPE Board. Please fill out the information and return by May 26th, 2012 to Larry Miller at Larry.Miller@Halliburton.com.

<table>
<thead>
<tr>
<th>PERSONAL INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: Neil Bourda</td>
</tr>
<tr>
<td>Phone: 661-391-5155 or 661-477-7064</td>
</tr>
<tr>
<td>Email: <a href="mailto:neil.bourda@chevron.com">neil.bourda@chevron.com</a></td>
</tr>
<tr>
<td>Company Affiliation: Chevron</td>
</tr>
<tr>
<td>Job Title: Petroleum Engineer</td>
</tr>
</tbody>
</table>

Brief Work History

July 2011-Current: Production Engineer, Chevron, Bakersfield, Ca

May 2010-Aug 2010: Production/Completions Engineer Intern, Rosetta Resources, Houston, TX

May 2009-Aug 2009: Reservoir Engineer Intern, BP, Houston, TX

SPE & Petroleum Industry Contributions

Speaker at 2012 Engineering day to promote engineering to high school students.

Candidate Synopsis: Describe why you would like to serve on the SJV SPE Board (About 30 words)

This is a great opportunity to get involved with the local SPE chapter and network with other professionals in the area.

Note: Responses will be placed in the Newsletter for voting purposes.
SJV SPE Continuing Education
Courses Coming Up

June 11, 2012  SPE - Enhanced Oil Recovery Fundamentals [8 am – 5 pm], $750
http://www.spe.org/training/courses/ERF.php

July 16-17, 2012  SPE - Review for the Principles and Practice Exam [8:30 am–5:30 pm]
$1,400
http://www.spe.org/training/courses/RPP.php

August 29, 2012  Vital Smarts - Soft Skills Class

September 18, 2012  SPE Practical Aspects of Thermal EOR [8:30 am–5:30 pm],
$750
http://www.spe.org/training/courses/PAT.php

October 1-2, 2012  SPE- Cement Evaluation and Remediation [8 am–5 pm],
$1,400
http://www.spe.org/training/courses/CEV.php

October 30, 2012  SPE - Reservoir Aspects of Horizontal and Multilateral Wells [8 am–5 pm]
$750
http://www.spe.org/training/courses/RHM.php

January 23, 2013  SPE - Coiled Tubing and Its Applications

For questions regarding the above Continuing Education schedule of classes please contact Terry L. Kloth at 661-321-4469 or contact by email at TLKB@pge.com.
Enhanced Oil recovery Fundamentals

Instructor: Larry W. Lake

Date: June 11, 2012 (8:00 am to 5:00 pm)
Location: University of Phoenix, 4900 California Ave, Bakersfield, California.

Announcement:
SJVSPE is proudly offering Enhanced Oil recovery Fundamentals. This 1-day course teaches an integrated version of the basics of waterflooding and enhanced oil recovery (EOR), illustrating the connection of each process to a few fundamental principles. Every oilfield eventually relies on some form of enhanced oil recovery. Some require it from the start. This information can be crucial for continued productivity. 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 $750. A morning and afternoon snack and cold and hot drinks are included. Please note lunch is not included in this price.

To receive a full refund, all cancellations must be received in writing no later than 14 days prior to the course start date. Cancellations made after the 14-day window will be charged at a 25% cancellation fee. Send cancellation requests by email to trainingcourses@spe.org; by fax to +1.866.460.3032 (US) or +1.972.852.9292 (outside US); or mail to SPE Registration, PO Box 833836, Richardson, TX 75083.

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

Target Audience:
This course is designed for engineers with at least a bachelor’s degree in petroleum or chemical engineering. All other engineers, mathematicians, and physicists with at least a bachelor’s degree and some experience in reservoir engineering or numerical simulation can benefit from this course.

Description:
This 1-day course teaches an integrated version of the basics of waterflooding and enhanced oil recovery (EOR), illustrating the connection of each process to a few fundamental principles. It reviews the specifics of thermal and solvent EOR by relating basic principles to the results of cases from the field. Topics include
• Definitions of EOR and polymer flooding
• Fundamentals of displacement
• Phase behavior, micellar-polymer flooding, and chemical methods
• Thermal flooding and the basics of solvent flooding

Instructor:
Larry W. Lake is a professor in the Department of Petroleum and Geosystems Engineering at The University of Texas at Austin, where he has taught since 1978 and served as department chairman from 1989 to 1997 and again from 2007 to 2009. Lake is a specialist in reservoir engineering and geochemistry. His work in quantifying the effects of geochemical interactions and flow variability for resource recovery is now widely applied by the industry. He has authored four textbooks and more than 100 technical articles and reports. He earned his BS and PhD from Arizona State University and Rice University, respectively. Lake has twice been designated as an SPE Distinguished Lecturer and member of the SPE Board of Directors.
SJV SPE Continuing Education

Review for the Principles and Practice Exam

Instructors: Richard G. Hughes, Robert Chase, Jr., Shawket Ghedan

Date: July 16-17, 2012 (8:00 am to 5:00 pm)

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

Announcement:
SJVSPE is proudly offering Review for the Principles and Practice Exam. This 2-day preparatory study course will share best practices for engineering professionals getting ready to take the professional registration examination or the SPE certification examination. This course can save you valuable time by helping you study in a focused way. By the time you take the exam, you’ll have the confidence of knowing that you are well prepared. 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 $1,400. 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/RPP.php

Target Audience:
This course is for anyone desiring U.S. professional registration or taking the SPE Certification Exam.

Description:
This 2-day preparatory study course will share best practices for engineering professionals getting ready to take the professional registration examination or the SPE certification examination. Questions similar to those found on a typical examination will be reviewed in an effort to raise awareness of exam content. Areas covered include drilling and completions, production logging, economics, reservoir engineering and formation evaluation.

Course Objectives:
- Participants will be able to strategically approach the study process
- Participants will know of valuable reference materials needed for successful completion of the exam
- Participants will be made aware of general procedures and requirements for registration

Course materials and sample problems are updated each year to remain abreast of changes in the examination. No current test questions are reviewed or distributed during the class.
Review for the Principles and Practice Exam
(continued)

Instructors:
Richard G. Hughes is a Professional-in-Residence at the Craft & Hawkins Department of Petroleum Engineering (PETE) at Louisiana State University. He earned a BS in petroleum engineering from New Mexico Institute of Mining and Technology and held various production, reservoir and IT positions with Tenneco Oil Company, Dwights EnergyData and Amerada Hess.

Hughes earned his MS and PhD in petroleum engineering from Stanford University, then joined the University of Oklahoma’s Mewbourne School of Petroleum and Geological Engineering as an assistant professor. His research interests include using CO2 for enhanced oil recovery and carbon sequestration, modeling multiphase flow in porous media and rock fractures, production data analysis, natural gas storage and reservoir engineering of unconventional resources.

Robert W. Chase is professor and chair of the Department of Petroleum Engineering and Geology at Marietta College and has served in that position since 1978. Prior to this, he served as an assistant professor of petroleum engineering at West Virginia University from 1976 to 1978. He worked previously for Halliburton Services, Gulf Research and Development Company and the Department of Energy. He has served as a consultant to Columbia Gas, NiSource, Dominion Resources, EQT (formerly Equitable Resources), Cabot Oil and Gas and CONSOL Energy/CNX. Chase received his BS, MS, and PhD in petroleum and natural gas engineering from Penn State. He has published numerous technical papers in the areas of natural gas engineering and well testing, but his primary devotion has been to undergraduate petroleum engineering education.

Chase was as a member of the SPE’s Board of Directors from 1991–1994. He has served as chair of the Education and Accreditation Committee of SPE and president of the Association of Heads of US Petroleum Engineering Schools. He served one year as SPE’s representative on the Engineering Accreditation Commission of ABET in addition to serving as a visitor on numerous ABET visiting teams.

Shawket Ghedan is an associate professor of petroleum engineering at the Petroleum Institute of Abu Dhabi. His has more than 20 years in academia and the oil industry. His technical experience includes reservoir operations and management, reservoir characterization studies, static and dynamic simulation model building and long-term development studies of some major carbonate oil fields.

Ghedan manages the Reservoir Characterization and Modeling Technical Research Committee for the Abu Dhabi National Oil Company and its group of companies. He holds a BS in petroleum engineering from Baghdad University and MS and PhD degrees in reservoir engineering from the Colorado School of Mines.
Announcing the SPE SJV Section Monthly Networking Bash

The June Sponsor is

Thursday, June 28th, 2012
5:30-7:30 @
Lengthwise “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 B & L Casing for sponsoring our May 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.
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

- Mi SWACO
- KINGS Chemical Service Inc.
- Courtyard Marriot
- Residence Inn Marriott
- Springhill Suites Marriott
- National Oilwell Varco
- Champion Technologies
- NOV
- PacSeis, Inc.
- Cenergy
- Enova
- MPI
- Gassco
- Kenaj Drilling
- Maranatha Petroleum, Inc.
- Baker Hughes
- Pros Incorporated
- Processes Unlimited

- Premier Equipment Rentals Inc.
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.

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

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: | Paid in Full | # Months Run | Payment Due | TOTAL Due:
---------|-------------|--------------|--------------|-------------|
One Month Cost: | | | | | |
# Months Run: | | | | | |

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
Business Card | Diskette

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

Neil Malpiede, SJV SPE
5001 California Ave., Suite 120
Bakersfield, CA 93309
or e-mail to NeilM@CannonCorp.us

SUPPORT THE SJV SPE NEWSLETTER 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>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>Program</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>Membership</td>
<td>Andrei Popa</td>
<td>Chevron Corporation</td>
<td>(661) 654-7187</td>
<td><a href="mailto:Andreipopa@Chevron.com">Andreipopa@Chevron.com</a></td>
</tr>
<tr>
<td>Secretary</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>Treasurer</td>
<td>Cynthia Yuen Lynch</td>
<td>Chevron Corporation</td>
<td>(661) 654-7020</td>
<td><a href="mailto:Cynthia.Lynch@Chevron.com">Cynthia.Lynch@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>Blythe Miron</td>
<td>Aera Energy LLC</td>
<td></td>
<td><a href="mailto:BMMiron@aeraenergy.com">BMMiron@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>Website Administrator</td>
<td></td>
<td></td>
<td></td>
<td></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>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>Activities</td>
<td>Tara Butler</td>
<td>Enova Solutions</td>
<td></td>
<td><a href="mailto:Tbutler@enovaes.com">Tbutler@enovaes.com</a></td>
</tr>
<tr>
<td>Community Outreach Education</td>
<td>Ark Zhumadilov</td>
<td>Chevron</td>
<td>(661) 654-7243</td>
<td><a href="mailto:AZCD@Chevron.com">AZCD@Chevron.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>Scott Myers</td>
<td>Baker Hughes</td>
<td>(661) 328-6111</td>
<td><a href="mailto:Scott.Myers2@BakerHughes.com">Scott.Myers2@BakerHughes.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>