June 2011
General Section Meeting

Topic: Successful Thermal Recovery of Heavy Oil from an Ultra Tight Reservoir Renews Development of the 100-year-old Orcutt Oil Field – SPE 135520-PP

Speaker: Vivian Bust, Gaffney, Cline & Associates

Date: Thursday, June 16th, 2011 @ 11:30 am

Location: The Petroleum Club, 2nd or 12th Floor
5060 California Avenue, Bakersfield, CA

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

Reservations:
RSVP by Tuesday morning, June 14th, 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

Email: Larry.Miller@Halliburton.com
Call 661-391-5387

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.
Abstract

Breakthrough developments in cyclic steam stimulation approaches applied to heavy oil diatomite reservoirs were observed during the 1990s. Santa Maria Pacific Holdings, LLC (SMPH) adopted these approaches that involve cyclic steam injection and wells that are very closely spaced. This presentation reviews a pilot project for exploiting the shallow ultra-low-permeability oil bearing diatomite reservoir located on the Careaga Lease in the Orcutt Oil Field, Santa Barbara County, California.

The project shows that oil production by cyclic steam (CS) stimulation of the ultra-low-permeability diatomite reservoir is possible. The shallow diatomite reservoir caps the oil productive Monterey formation reservoir in the Orcutt Field. The pilot tested both closely spaced well groups designated as the “core area” and widely spaced well outliers. The relatively improved oil recovery from the “core area” wells is believed to result from the synergies between cyclic steam injection and pressure interference between wells. The pressure response observed in offset primary producers reinforces the theory that pressure support is an important component of productivity within the “core area” wells. Thus, with higher oil recovery and more efficient use of steam in the “core area” wells, future expansions will be drilled in contiguous blocks of similarly spaced well groups.

This case study chronicles the encouraging production response observed from the CS wells in this shallow diatomite reservoir. The use of these techniques is considered vital to successfully producing the diatomite in the Orcutt Field.

Biography

Vivian K. Bust is a Sr. Reservoir Engineer/Geologist with Gaffney, Cline & Associates, where she is engaged in petroleum reserve estimation that involves building 3D static and dynamic models, petrophysical analysis, and the evaluation of reservoir performance and field development plans for conventional and unconventional reservoirs. She is currently working on a variety of unconventional reservoir projects including cyclic steam stimulation applied to diatomite oil reservoirs and the evaluation of shale gas reservoirs.

Prior to joining Gaffney Cline & Associates in 2008, she was a consulting Geologist/Petroleum Engineer for Occidental Petroleum in Long Beach, CA (Tidelands and THUMS) in the Wilmington oil field waterflood. Vivian’s experience also encompasses the environmental and water industries, where she worked as a Remediation Facilities Engineer and Hydrogeologist for Converse Consultants, Irvine, CA and GeoResearch in Long Beach, CA from 1987 to 1996. Her professional career began with Shell Oil Company where she held assignments in Texas, Michigan and California. Her early experience was as the Operations Evaluation Coordinator for Shell Oil’s state-wide drilling operations which included training and supervising entry-level engineers on well-site assignments at district field offices located in Traverse City, MI; and Ventura and Bakersfield, CA. Her technical experience in petrophysics includes the integration of core and log data, evaluation of pay using standard logs and specialty logs including nuclear magnetic resonance, acoustic image, and elemental spectral logs.

Vivian holds MS and BS in geology, and BS in civil engineering degrees, all from Michigan State University. She is a Licensed Petroleum Engineer, Registered Professional Geologist and Certified Hydrogeologist. As the 2000 Chair of the LA SPE, she led efforts that resulted in the Section being awarded the SPE President’s Award for Section Excellence. She was the recipient of the SPE Western North American Regional Service Award in 2004. She was a Director on the 2010 Board of the GCS SPE.

Looking for a few good speakers

SPE members pride ourselves in technology information dissemination. Our appetite for technology breakthrough is surpassed only by our desire to share our successes. If you fit this mold, we have a place for you. We are always looking for speakers at our General Section meetings as well as our Study groups. If you would like to share your work / accomplishments / technology, please contact me and I will save you a spot in coming months. Your generous support of our section program makes all of us better. Thank you.
The 2010-2011 SJV SPE year is coming to a close. My term as Section Chair will soon be over. It has been a challenge and an honor to serve the San Joaquin Valley Section. Thank you to everyone for all of your support during the past year. This year we continued the long tradition of having great General Section Meetings and Study Groups. Along with our biggest golf tournament ever and our Networking Bash attendance seems to be growing every month. I also would like to thank our Board Members for their hard work and dedication. They sure make my job enjoyable and easy. The 2010-2011 Board Members are:

- Larry Miller - Halliburton - Program
- Jesse Frederick - WZI Inc - Secretary
- Max Solanki - Oxy of Elk Hills - Treasurer
- Charlie Webb - Chevron - Surface Study Group
- Peter Zannitto/Samih Batarseh - Aera Energy - Sub-Surface Study Group
- Cynthia Lynch - Chevron - Newsletter Editor
- Ana Montenegro - Oxy of Elk Hills - Website Administrator
- Terry Kloth - PG&E & Zodiac Exploration - Continuing Education
- Sam Afifi - Vintage - Continuing Ed Arrangements
- John Wise - Enova Solutions - Activities
- Malou Guerrero-Lee - Aera Energy - Community Outreach Activities
- Andrei Popa - Chevron - Community Outreach Education and Awards
- Geordie Chambers - Chevron - Young Professionals Liaison
- Young Kirkwood - Oxy of Elk Hills - Awards Nominations/Golf Tournament

Please be sure to review the candidates for next year’s board and send in your ballots. The new term begins July 1, 2011. With the Western Regional Meeting being in Bakersfield next year it should be a very exciting.

I would also like to congratulate the members form the San Joaquin Valley Section who received awards at the Western Regional Meeting in Anchorage. They are: Young Kirkwood - Service Award, Cynthia Lynch - Young Professional, Andrei Popa - Management and Information, William Minner - Production and Operations, Craig Pauley - Facilities and Construction and Chevron - Corporate. And, believe it or not I won the award for Drilling.

Please remember to renew your membership as soon as possible. You can renew your membership and update your profile at http://www.spe.org/membership/.

Until Next Month, Be Safe
Scott Myers
SJV SPE Section Chair
2011 SJV SPE BOARD ELECTION BALLOT
Officer Term is 7/1/2011 through 6/30/2012
Please return ballot no later than June 27, 2011

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

Section Chair: [ ] Larry Miller [ ] Write-in ________________________

Program: [ ] Jesse Frederick [ ] Write-in ________________________

Membership: [ ] Max Solanki [ ] Write-in ________________________

Secretary: [ ] Andrei Popa [ ] Write-in ________________________

Treasurer: [ ] Cynthia Lynch [ ] Write-in ________________________

Awards: [ ] Scott Myers [ ] Write-in ________________________

Please vote for up to four Directors, either listed candidates or write-in candidates:

Directors: [ ] Tara Butler

[ ] Ark Zhumadilov

[ ] Keith Kostelnik

[ ] Neil Malpiede

[ ] Write-in ________________________

Your Name__________SPE Membership No:_______Signature:__________________

Ballots may be returned by email to scott.myers2@bakerhughes.com or faxed to 661-328-6150. Ballot must include name, SPE membership number and signature to be valid. Voters must be valid members of the San Joaquin Valley Chapter of SPE. All votes remain confidential to the membership committee.

Only one ballot per member of the San Joaquin Valley Chapter of SPE
For Section Chair

**Personal Information**

<table>
<thead>
<tr>
<th>Name</th>
<th>Larry S. Miller</th>
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<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>
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**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

**Candidate Synopsis**

Over the past six 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.

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For Program

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**Brief Work History**

**WZI Inc., 1994-Present:** Responsible for the technical scoping of large projects which require multi-disciplinary integration. In overseeing client regulatory compliance, advises clients regarding approaches to permitting and regulatory guidelines. Directs the planning, development and implementation of policies, programs and procedures in support of contract management; provides assistance in identifying business opportunities, expert advice on business planning and provides business development services to numerous clients; provides technical support to clients on matters related to energy, water treatment and chemical process issues.

**SPE & Petroleum Industry Contributions**

**Publications**

  Frederick, J. D. and Mary Jane Wilson, 1999, Editors, SPE Environmental Monograph Environmental Engineering for Exploration and Production Activities.

**Candidate Synopsis**

I would like to see the continuation of our local chapter’s efforts to stress education of our current professionals and spur interest in students who will become our future professionals. Our energy needs will continue to be a paramount concern and SPE provides the industry with a clearinghouse of technology and advancement of knowledge.

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For Membership

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<tr>
<td>Name</td>
<td>Max Solanki</td>
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<tr>
<td>Company Affiliation</td>
<td>Occidental Petroleum</td>
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<tr>
<td>Job Title</td>
<td>Sr. Reservoir Engineer</td>
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**Brief Work History**

I started my career with Schlumberger nine years ago and have worked a variety of engineering roles including Drill Stem Testing Engineer, Tubing Conveyed Perforation Engineer, Completions Engineer and Surface Testing Engineer.

I joined Aera Energy in 2005 and worked as a Reservoir Engineer for the Coastal and the Midway Sunset department. In 2010 I joined Occidental of Elk Hills as a Senior Reservoir Engineer.

**SPE & Petroleum Industry Contributions**

San Joaquin Valley SPE Section Treasurer 2007-2008
San Joaquin Valley SPE Section Continuing Education Director 2008-2009
San Joaquin Valley SPE Section Webmaster 2009-2010
San Joaquin Valley SPE Section Treasurer 2010-2011

**Candidate Synopsis**

I enjoy serving and contributing to the SJV SPE board and am looking forward to the opportunity of being elected as a Membership Chair. During this term I hope to make a difference by growing the membership of the SJV SPE and participating in various activities to raise funds for scholarships for our college bound young people of our community.
For Secretary

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<tr>
<td>Name</td>
<td>Andrei Popa</td>
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<tr>
<td>Company Affiliation</td>
<td>Chevron</td>
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<tr>
<td>Job Title</td>
<td>Subsurface Lead Engineer</td>
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**Brief Work History**


**SPE & Petroleum Industry Contributions**

- 2010-2011 Community Outreach Education - San Joaquin Valley SPE Section
- 2009-2010 Awards Chair - San Joaquin Valley SPE Section
- 2007-2008 Section Chair - San Joaquin Valley SPE Section
- 2006-2007 Program Chair – San Joaquin Valley SPE Section
- 2005-2006 Secretary - San Joaquin Valley SPE Section
- 2004-2005 – Activities Director - San Joaquin Valley SPE Section
- I have been an SPE member for most of my 12 years in the industry.
- Author/Coauthor of 18 SPE papers presented at various SPE conferences.
- PhD and Master Division of Student Paper Contest Judge (2004, 2005, 2008 WRM SPE)
- Session Chair for the Reservoir Management section 2005 WRM SPE (Irvine, CA) and 2008 WRM.
- SPE Reservoir Evaluation & Engineering - Reservoir Engineering – Committee Reviewer.

**Candidate Synopsis**

I have served on the board for the last 6 years now and have gotten a lot of value and enjoyment from all positions held.
For Treasurer

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<tr>
<td>Name</td>
<td>Cynthia Lynch</td>
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<td>Company Affiliation</td>
<td>Chevron</td>
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<td>Job Title</td>
<td>Completions Engineer</td>
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**Brief Work History**

2010 – Present: Completions Engineer - Chevron  

**SPE & Petroleum Industry Contributions**

- Selection committee for the Emerging Leaders Alliance initiative. (The Emerging Leaders Alliance is a partnership of 9 scientific and engineering societies (including SPE) to create a leadership workshop for young professionals.) 2011
- 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, September 20-22, 2010
- Board Director: Newsletter Editor, SJV SPE, 2010 – Present
- Chair: SJV Young Professionals Chapter of SPE, 2009 – 2010
- Board Director: Young Professionals Liaison, SJV SPE, 2008 – 2010

**Candidate Synopsis**

I have been a part of the SJV SPE Board for the past 3 years and currently serve as the Newsletter Editor. I would like to continue to dedicate my time to the board if you choose to re-elect me. Thanks!

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For Awards

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**Brief Work History**

I have worked with BJ Services/Baker Hughes for 20 years in the Bakersfield area. I have over two years experience designing and testing complex cementing systems at the BJS region lab. I served as the District Engineer for more than eight years. Currently, I worked for 9 years at the BJ Services West Coast Region as a Region Engineer. Currently I am a Technical Account Manager.

**SPE & Petroleum Industry Contributions**

- SPE SJV Board 2006-07 Website Administrator,
- SPE SJV Board 2007-08 Newsletter Reporter
- SPE SJV Board 2008-09 Treasurer
- SPE SJV Board 2009-10 Membership
- SPE SJV Board 2010-2011 Chair

I have authored and co-authored two SPE papers and presented them at the West Coast Regional in 2005 and 2007.

**Candidate Synopsis**

I have served on the board for 5 years now and have gotten a lot of value from the positions. The more involved I have become with the section the more rewarding it is. This past year I have also been involved with the Golf tournament planning and the Scholarship committee. As Awards Chair I hope to find the candidates for representing the SJV SPE at the WRM next year.
For Directors (3 Year Term)

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**Brief Work History**

I am employed with Enova Solutions, Inc. During the last three years, I have held positions with increasing responsibilities while continuing my education at ASU. My current position is Account Specialist, primarily focusing on Chemical Stimulation in the San Joaquin Valley. Prior to Enova I worked in Project Management, doing business here in Kern County and West Texas.

**SPE & Petroleum Industry Contributions**

Member of SPE, API, and AADE. I have assisted for the past two years with the SPE NWB, and would like to utilize my organizational skills and experience to serve on the SPE Board as Activities Chair.

**Candidate Synopsis**

I have grown up in the San Joaquin Valley, with most of my family working in the oil industry. I am employed with Enova Solutions, Inc. Prior to Enova I worked in Project Management, doing business here in Kern County and West Texas.

In the past I have served on a non-profit board for the Norris School District as Treasurer and Activities Chair. I have assisted for the past two years with the SPE NWB, and would like to utilize my organizational skills and experience to serve on the SPE Board as Activities Chair.

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For Directors (3 Year Term)

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<tr>
<td>Name</td>
<td>Ark Zhumadilov</td>
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<tr>
<td>Company Affiliation</td>
<td>Chevron</td>
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<tr>
<td>Job Title</td>
<td>Reservoir Engineer</td>
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Brief Work History

Reservoir Engineer – Chevron Corporation, Bakersfield, CA: since 04/2011  
Field Engineering Coordinator – Chevron Corporation, Angola: 02/2010 – 04/2011  
Production Engineer – Chevron Corporation, Angola: 03/2008 – 02/2010  
New Field Development Engineer, Chevron Corporation, Houston, TX: 02/2007 – 02/2008

SPE & Petroleum Industry Contributions

Hosted career learning events on Petroleum Engineering in 4 local high schools in Semey, Kazakhstan in 2009-2010  
Served as a mentor to Angolan petroleum engineers to help them grow professionally (2009-2010)

Candidate Synopsis

I’d like to become an officer of the local section to help develop the next generation of Petroleum engineers & in the process develop myself. I’d like to continue to promote the knowledge transfer between more experienced engineers and younger members of the SPE organization by continuing to seek out and invite knowledgeable speakers & to hold discussions & question and answer sessions between members of the organization.  
I would like also to continue to promote diversity within the SPE organization. The petroleum industry is already a global one. Presenting opportunities for SPE members to interact with people of different backgrounds & cultures will help them succeed in the industry that is to remain global and diverse in the future. Being from Kazakhstan & having worked internationally in Africa and in the United States, I believe I am in position to facilitate such dialogue between cultures within our organization.
For Directors (3 Year Term)

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<tr>
<td>Name</td>
<td>Keith Kostelnik</td>
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<tr>
<td>Company Affiliation</td>
<td>Occidental Petroleum Corp. (Vintage)</td>
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<td>Job Title</td>
<td>Engineer</td>
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**Brief Work History**

Work History: During my tenure at the University of Tulsa I completed four internships having spent one internship with each of the following companies Devon Energy, Arena Resources, Range Resources, and BP. I was also able to work part-time during school with Newfield Exploration. After completing school I began working with Oxy here in Bakersfield as a reservoir engineer for one of their heavy oil assets and have been performing this role for over a year.

**SPE & Petroleum Industry Contributions**

- 2007/2008 University of Tulsa SPE Chapter Golf Chair/Junior Class Rep - Established chapter's golf tournament. Assisted in weekly meetings and chapter's special events (tail gates and grad dinners)
- 2008/2009 University of Tulsa SPE Chapter Vice President - Assisted golf tournament. Provided logistics for traveling to ATCE in Denver and field trip to Dallas/Barnett Shale. Assisted in weekly meetings and chapter's special events
- 2011 Volunteered for Engineering Day

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For Directors (3 Year Term)

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<tr>
<td>Name</td>
<td>Neil Malpiede</td>
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<td>Company Affiliation</td>
<td>Cannon</td>
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<td>Job Title</td>
<td>Mechanical Principal Engineer</td>
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**Brief Work History**

10 years as VP Business Development – EOR Projects for Ivanhoe Energy, Bakersfield; 20 years as Drilling and Production Engineer followed by an assignment as Petroleum Engineering Manager and operations Manager for Oxy’s international operations; 2 years with Sun Production Co. in Newhall, California as drilling and production engineer and previous to that with two drilling contractors in California.

**SPE & Petroleum Industry Contributions**

Have been a member in good standing with the SPE for over 25 years and have made presentations on heavy oil upgrading and multilateral horizontal drilling and completions at SPE meetings and SPE affiliated conferences.

**Candidate Synopsis**

I have 40 years of experience in the upstream O&G business that I would like to share with members by promoting appropriate technical programs, workshops and mentoring members at social events.

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July 2011 Surface Study Group Meeting
Society of Petroleum Engineers, San Joaquin Valley Section

Topic: Demonstration of OPUS® II Technology on Oil & Gas Field Produced Water
Speaker: Lnsp (Naggs) Nagghappan, Veolia Water Solutions & Technologies
Date: Wednesday, July 13th, 2011 @ 11:30 am
Location: Petroleum Club, 5060 California Avenue, Bakersfield CA
Cost: RSVP: $20 members, $25 non-members

Reservation:
Email: Charles.Webb@Chevron.com
Phone: 661-331-4779

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.

Abstract
This presentation will discuss in detail the successful demonstration of the OPUS® - II technology, a next generation desalination process, on Oil and Gas Field Produced Water. The goal of the demonstration study is treatment of produced water to surface discharge standards, making it suitable for irrigation and reuse purposes. OPUS® II technology consists of multiple treatment processes including chemical softening, ceramic membrane filtration, ion exchange softening, and reverse osmosis (RO) technologies. The pretreatment processes ahead of the RO are designed to reduce free oil, hardness, metals and suspended solids in the feed water. The RO process itself is designed to operate at an elevated pH, which effectively controls biological, organic and particulate fouling, eliminates scaling due to silica, and increases the rejection of organics and boron.

Biography
Mr. Nagghappan is the Director of Business Development for Veolia Water Solutions & Technologies. He has his Bachelor’s Degree in Environmental Engineering and Masters Degree in Water Technology. Mr. Nagghappan has about 17 years of experience in Industrial Process Water / Wastewater treatment and his core expertise is in oil-water separation, chemical precipitation, ion exchange, membrane filtration and desalination technologies.

His Industrial market experience is primarily associated with Oil & Gas Production, Hydro-Carbon Processing and Power Industries. He is the co-inventor of Veolia’s proprietary membrane based technologies for desalination and reuse of complex industrial wastewaters such as the OPUS™ and AMDRO™ Technology. He has presented about 28 papers on desalination of complex industrial wastewaters at various industrial conferences and is a member of American Membrane Technology Association and Produced Water Society.
SPE SJV Continuing Education

The SJV Section of SPE is pleased to offer the following courses for your consideration:

**ASME B31.3 Process Piping Design**

Due to the popularity of the ASME B31.3 Process Piping Design Course, we are considering offering this 4 day course a second time this October or November and possibly making it a 5 day course to include the Process Piping Materials, Fabrication, Examination and Testing. If you are interested in attending, please contact Terry L. Kloth @ 661-321-4469 or by e-mail at tlkb@pge.com with your preferences. Thanks!

**Electrical Practices for Facilities Engineers**
**(E-4 for Petrol Skills)**

This is a possible course offering to occur in either September or October of this year. It is a five day class designed for facilities engineers, project engineers, managers, and production engineers who also have facilities responsibilities in the oil and gas industry. If interested, please contact Terry L. Kloth @ 661-321-4469 or by e-mail at tlkb@pge.com with your preferences. Course cost to be determined. Thanks!
Coiled Tubing and Its Application

Instructor: Ed Smalley
Date & Time: Wednesday, August 31, 2011
Location: University of Phoenix
4900 California Ave
Bakersfield, CA
Cost: TBD

If you are interested in attending this course, please contact
Terry L. Kloth @ 661-321-4469, 661-858-9631 or by email @ TLKB@pge.com.

WHO SHOULD ATTEND
Those interested in applying CT technology for workover services, drilling, completions, and production operations and those who need an update on the latest CT technology will benefit from this course. This is an introductory CT course and is appropriate for individuals that are new to the CT industry or anyone that would like to expand their CT knowledge.

COURSE DESCRIPTION
This one-day short course presents coiled tubing (CT) as a tool for workover, drilling, and completion services. It provides an overview of conventional CT workover and completion applications, the properties of CT, its manufacture, the surface equipment utilized for deployment, and subsurface tools for CT applications. A significant portion of the course covers mechanical performance of CT, including working limits, buckling, and fatigue. A discussion of CT drilling technology and hydraulics is also included. This is an introductory CT course and is appropriate for individuals new to the CT industry or those that need a refresher.

TOPICS COVERED
- Introduction
- The Tubing
- Surface Equipment
- CT Unit Configurations
- Downhole Tools
- General Force Balance
- Buckling & Lockup
- Mechanical Limits and Stretch
- CT Fatigue
- CT Hydraulics
- CT Applications
- CT Drilling Technology

INSTRUCTOR
Ed Smalley has more than 25 years of oilfield experience, including assignments in new product development, field operations, sales, and management. His areas of expertise include coiled tubing, formation evaluation, coalbed methane, hydraulic fracturing, and commercialization of emerging technology.

Smalley started his career with Schlumberger where he held various positions of increasing responsibility in sales and operations. He then joined Gas Technology Institute as Director of E&P Business Development. He spearheaded the commercial launch of more than 60 new E&P products during his eleven year assignment at Gas Technology Institute.

Smalley has been with NOV CTES in Conroe, TX, for the past 5 years and serves as General Manager, responsible for the overall management of the organization. NOV CTES is a provider of leading-edge products that support the coiled tubing, wireline, and drilling segments of the industry. Smalley holds a BS Engineering degree from Kansas State University and is a member of SPE, ICoTA, and SPWLA.
Society of Petroleum Engineers

Young Professionals Dinner Meeting

Christopher Schmidt, UNICO, Inc.

Unico, Inc. will give a brief presentation on their Linear Rod Pump, (LRP®) artificial lift system for use with your existing downhole sucker rod pumps. The LRP® lift system is small, light weight and easy to transport and install. The unit mounts directly to the well head.

When the LRP® lift system is combined with their outdoor rated variable speed drive package, the increase in production and revenue begins almost immediately. The application specific software maximizes the fill rate of the pump and can adjust its stroking rate automatically to meet the demands of the dynamically changing well parameters.

**Wednesday, June 15, 2011 at 6PM**

12th floor of the Petroleum Club

5060 California Ave

Please bring your friends, spouses and co-workers and join us for a social hour with a complementary 1st round of drinks, Petroleum Club Dinner, and a brief presentation about Unico, Inc.

RSVP by Tuesday, June 14th: $25 per person (Click Below)
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=LW9J82RL99TD8

*Thank you to Unico for sponsoring the drinks.*

Walk-ins are welcome (if space is available):
$30 (SPE Members), $35 (Non-Members) (Cash/Check only at door)

Event Contact: Jeff Kim 661-431-6013 HJKim@aeraenergy.com
Announcing the SPE SJV Section Monthly Networking Bash

The June sponsor is B & L Casing

Thursday, June 30th, 2011
5:30 - 7:30

Padre Hotel
Prairie Fire Rooftop Patio
1702 18th Street

SPE Networking bashes are held monthly as a service to our members. This is a great opportunity to come out and meet people from all areas of our industry in a social setting.

Our sponsor generously provides appetizers for your enjoyment while you are meeting new people or visiting with a long time colleague.

Non-member guests are always welcome to attend. RSVP to John Wise @ jwise@enovaes.com or 661-808-6855.
Society of Petroleum Engineers – San Joaquin Valley Section

May 2011 Membership Report

SJV SPE section membership updates as of May 2011:

Total Active Members: 759
Paid: 658
Unpaid: 101
Students: 6
2010 Unpaid and dropped: 77

SJV SPE welcomes our newest members in May 2011 (7):

Ms Tara Butler  Enova Solution Inc
Mr Keith J Lobo  Process Manager  Aera Energy LLC
Mr Benjamin Mcdaris  Occidental E&P Co.
Richard L Miron  Chemical/Corrosion Engr  Aera Energy LLC
Mr. Manuel D Ortega  PXP
Mr Sean Terchek  Petroleum Engineer  Plains Exploration Production Company
Mr Arkhat G Zhumadilov  Petroleum Engineer  Chevron Corp

SJV SPE welcomes members transferring in during May 2011 (2):

Mr Maxwell Berglund  Operations Engineer  Oxy Elk Hills  Transfer From: Denver
Ms. Shauna Mary Alice Clarke  Drilling Engr Supv  Mobil Corp.  Transfer From: Gulf Coast Section

SJV SPE welcomes members transferring out during May 2011 (5):

Mr Trevor Damyan  Nalco Company  Transfer To: California Coastal
Samuel C Ekweghariri  Reservoir Engineer  Chevron Corp  Transfer To: Delta
Martin Hermans  Reservoir Engineer  XTO Energy  Transfer To: Fort Worth
Mr. Rueben A Holguin  Operations Supervisor  Chevron Corp.  Transfer To: Golden Gate
Mr Steven M Jenkins  Business Development Manager  Warren EP Inc  Transfer To: Los Angeles Basin

2010 Membership Renewal Notice

If you never renewed your membership for 2010, your member benefits have been SUSPENDED. You have been dropped from our active membership roles. You will no longer receive email blasts from our section. You will no longer have access to member services or receive JPT. To preserve your membership seniority you must reinstate and pay for 2010 as well as 2011. Please log on to www.spe.org/renew to pay online using the secure credit card payment system or print your invoice to mail/fax back to SPE Headquarters.

2011 Membership Renewal Notice

2011 Dues were due Jan 1, 2011. Avoid having your member benefits suspended RENEW TODAY – IT’S EASY!!! If your benefits become suspended, you will no longer have access to member services or receive JPT. Please log on to www.spe.org/renew to pay online using the secure credit card payment system or print your invoice to mail/fax back to SPE Headquarters.

Recruit New Members and Win Cash!

The SPE Build the World contest offers cash and valuable prizes to those who recruit new SPE members. To receive credit for the member’s application, your name must appear on the last line of section 8 of the printed membership application submitted by the new recruit. A new member who joins online will receive an email from SPE inquiring if anyone encouraged them to join. Be sure the new member replies to this email with the name of the person who recruited them. The top recruiter from each SPE region at 31 December will win a USD 500 cash prize. You must recruit at least 5 members to be eligible. More information and current standings are available at www.spe.org/recruit. Congratulations to Behrooz Fahtahi who won the 2010 award from our region. Behrooz donated his prize back to the SPE to support student memberships.
SPE Western North America Regional Meeting

The SPE Western North America Regional Meeting was held from May 7-11, 2011 in Anchorage, Alaska. The SJV SPE Section sponsored the Ph. D. and Master Student paper contest lunch. The lunch was attended by 28 students and faculty. The WRM Director, Sam Sarem was present and gave a speech. Andrei Popa, the current Community Outreach Education Director for SJV SPE, served as a judge for the Ph. D. division.
The SPE SJV Section would like to thank Enova Solutions for sponsoring our May Monthly Networking Bash!

SPE Networking bashes are held monthly as a service to our members and are great opportunities to come out and meet people from all areas of our industry in a social setting.

Our sponsor generously provides appetizers for your enjoyment while you are meeting new people or visiting with a long time colleague.

We are always looking for companies or individuals that would like to sponsor this event. For additional information, please contact John Wise @ jwise@enovaes.com or 661-808-6855.

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**California Midway-Sunset Oil Price ($/bbl)**

![Graph showing California Midway-Sunset Oil Price from 2000 to 2010](image-url)
To All of our Generous Sponsors in 2011,

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 April 8th, 2011. This year we were able to raise close to $21,000 for our scholarship program. This was a significant contribution to the $35,000 total we will be giving out to local college students next month 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 2011 SPE Golf Committee

The SPE Thanks all of our PLATINUM Sponsors
2011 SPE Golf Tournament Sponsorship Appreciation

The SPE Thanks all of our **Gold** and **Silver** Sponsors

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**Archer Exploration, Inc.**

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2011 Tournament Results

<table>
<thead>
<tr>
<th>Place</th>
<th>Morning Flight Winners</th>
<th>Afternoon Flight Winners</th>
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<tbody>
<tr>
<td>1&lt;sup&gt;st&lt;/sup&gt; Gross</td>
<td>61 – Team Mark Delmarter</td>
<td>60 – Team Brian Rangel</td>
</tr>
<tr>
<td>2&lt;sup&gt;nd&lt;/sup&gt; Gross</td>
<td>63 – Team Skip Wallace</td>
<td>62 – Team Larry Murray</td>
</tr>
<tr>
<td>3&lt;sup&gt;rd&lt;/sup&gt; Gross</td>
<td>65 – Team Scott Wruck</td>
<td>63 – Team Stan Eschner</td>
</tr>
<tr>
<td>1&lt;sup&gt;st&lt;/sup&gt; Net</td>
<td>52.1 – Team Bill Moseley</td>
<td>53.2 – Team Santos Alvarez</td>
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<tr>
<td>2&lt;sup&gt;nd&lt;/sup&gt; Net</td>
<td>55.5 – Team Jeff Smith</td>
<td>54 – Team Charles McWhorter</td>
</tr>
<tr>
<td>3&lt;sup&gt;rd&lt;/sup&gt; Net</td>
<td>55.8 – Team Dan Corriea</td>
<td>54.1 – Team Josh Lancaster</td>
</tr>
</tbody>
</table>

I have the trophies for Morning 1<sup>st</sup> Gross, 2<sup>nd</sup> Net, 3<sup>rd</sup> Net and Afternoon 1<sup>st</sup> Gross and 3<sup>rd</sup> Net. Please contact me at **Larry.Miller@Halliburton.com** to arrange pick up. Thanks.
Senior Production Engineer

E&B Natural Resources has an opening for a Senior Production Engineer. E&B is a privately held, growing independent E&P company ([www.ebresources.com](http://www.ebresources.com)). Our California operations are located in Kern County of the San Joaquin Valley, Santa Barbara and San Luis Obispo Counties of the Cuyama Valley and Los Angeles County. We are seeking an experienced Production Engineer to take the engineering lead in various key assets for the company. Operations experience on highly deviated, long reach wells is desirable.

If you are a result oriented, self motivated individual that enjoys working in a team environment, we welcome you to apply for this position.

E&B offers a generous company benefit package that includes medical, dental and vision insurance coverage, short and long-term disability, life insurance, matching 401(k) plan, quarterly bonus program, paid vacation and holidays, and a choice of auto allowance or company vehicle.

A BS or MS degree in Petroleum Engineering is preferred. Other related engineering disciplines qualify.

Starting salary is based upon qualification. E.O.E.

Place inquiries/resume to: Christy Swatzell, Human Resources Manager
cswatzell@ebresources.com
(661) 679-1716
Save Energy and Cut Oil & Gas Well Pulling Costs

Muth Pump LLC.
Phone: 661-588-8700
Fax: 661-836-1512
Garold Muth cell: 661-333-1297
David Muth cell: 661-805-6520

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Advertising Order Form for the monthly newsletter of the
San Joaquin Valley Section of Society of Petroleum Engineers

SJV Section of SPE, PO BOX 21135, Bakersfield, CA 93390
sjv.spe.org
Taxpayer ID# 75-2001539

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

Monthly Advertising Rates: (circle one)

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Advertising Order Form:

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

Paid in Full:   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: 
Business Card: Diskette: 

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

Cynthia Yuen Lynch  or e-mail to
12014 Montague Ave  Cynthia.Lynch@Chevron.com
Bakersfield, CA 93312

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.
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E-mail the SJV SPE Newsletter Editor for more info at Cynthia.Lynch@Chevron.com.
Have you renewed your SPE Membership?

Membership renewals are due NOW!

Go to [www.spe.org/renew](http://www.spe.org/renew)

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

Society of Petroleum Engineers

SPE dues waiver policy (up to two years if unemployed with a written request).
Society of Petroleum Engineers
Membership Application

Do you work in the Oil & Gas Industry?
If so, Think Big Benefits with SPE.
Join Our Worldwide Membership Today!
Society of Petroleum Engineers

A society built on big ideas makes a big impression.

SPE is...

Where you are
- An expansive membership of more than 90,000 industry professionals in more than 100 countries creating a global network to build your expertise
- Local meetings through more than 170 sections connecting you with industry professionals in your area
- World-renowned SPE Distinguished Lecturer Program bringing global industry experts to speak to local SPE sections
- Specialized online communities giving you local access to the global strength of the society
- Each year, more than 100 regional and international conferences and workshops are offered providing convenient access to events no matter your location

What you do
- A wide range of programs, products, and services benefiting not only engineers, but practically every type of professional working in the oil and gas industry
- Specialized technical information in SPE’s peer-reviewed journals providing you focused technical information to expand your professional career
- A monthly subscription to the industry’s most reliable and credible technology resource, the Journal of Petroleum Technology (JPT), keeping you informed about your industry
- Community outreach resources like Energy4me offering you tools to teach young people about energy
- Opportunities for industry recognition through prestigious awards programs honoring members for their professional contributions to SPE and the industry

What you need
- Discounted member registration to conferences, workshops, and courses giving you direct access to innovative technologies, technical knowledge, and interaction with colleagues to help you continue your professional development
- Special member pricing on books and subscriptions to peer-reviewed journals supplying you with professional resources you can use every day
- Vast online libraries of downloadable technical papers putting the answers you need at your fingertips
- Opportunities to publish and present technical papers in a journal or at a conference allowing you to share knowledge with your peers
- Leadership and volunteer opportunities helping you build industry relationships through service to the society

Learn more about SPE. Visit www.spe.org.

Join Our Worldwide Membership Today!
Society of Petroleum Engineers

JOIN ONLINE AT www.spe.org/join

1 NAME

I am applying for [ ] New Membership [ ] Reinstatement [ ] Change of Status (from student to professional)

Please check one [ ] Mr. [ ] Mrs. [ ] Ms. [ ] Dr.

Last Name (Family Name) ___________________________ First Name (Forename) ___________________________ Middle Name ___________________________

Company Name ____________________________________________________________

Preferred Email Address _______________________________________________________

Alternate Email Address ________________________________________________________

Birth Date ___________________________ Month/Day/Year

Note: Some member dues are designated by age. Birth date is also used for identity verification when inquiries are made about your record.

2 QUALIFICATIONS

☐ I am employed in work related to the petroleum industry AND

☐ I have at least one of the following:

* A university degree equivalent to a 4-year bachelor’s degree or higher in engineering or basic or applied sciences
* A 2-year science or engineering degree
* A 4-year degree in a field other than science or engineering
* At least 6 years of active practice in the support of petroleum engineering or in the application of science to the petroleum industry

3 EDUCATION

Level/Degree ___________________________ Concentration/Major ___________________________ Year Awarded (Immediately) ___________________________

University Name (do not abbreviate) ___________________________ City/Country of University ___________________________

Highest Level/Degree ___________________________ Concentration/Major ___________________________ Year Awarded (Immediately) ___________________________

University Name (do not abbreviate) ___________________________ City/Country of University ___________________________

Total years of petroleum industry experience ________________

Professional registration (Not required) [ ] Registered [ ] Chartered

Country ___________________________ State (if applicable) ___________________________

4 CONTACT INFORMATION

Preferred Address: Mail should be sent to (select one) [ ] Company Address [ ] Home Address

Section Assignment: You will be automatically assigned to an SPE section on the basis of your preferred mailing address. If you are using a forwarding mail address our pouch mail, please contact service@spe.org to manually assign your section.

Company Address

Street Address 1 ____________________________________________________________

Street Address 2 ____________________________________________________________

Street Address 3 ____________________________________________________________

City ___________________________ State/Province (if applicable) ___________________________

Country ___________________________ Zip/Postal Code ___________________________

Phone ___________________________ Country Code ___________________________ Area/City Code ___________________________ Number ___________________________

Facsimile ___________________________ Country Code ___________________________ Area/City Code ___________________________ Number ___________________________

Home Address

Street Address 1 ____________________________________________________________

Street Address 2 ____________________________________________________________

Street Address 3 ____________________________________________________________

City ___________________________ State/Province (if applicable) ___________________________

Country ___________________________ Zip/Postal Code ___________________________

Phone ___________________________ Country Code ___________________________ Area/City Code ___________________________ Number ___________________________

Facsimile ___________________________ Country Code ___________________________ Area/City Code ___________________________ Number ___________________________

Updated August 2010
5 REFERRAL

How did you first learn of SPE? (select one)

☐ Colleague
☐ SPE website
☐ Direct mail or email from SPE
☐ University student chapter
☐ SPE-sponsored event
☐ Employer
☐ Other ____________________________

6 TECHNICAL DISCIPLINE

Primary Technical Discipline

☐ Drilling and Completions
☐ Health, Safety, Security, Environment, and Social Responsibility
☐ Management and Information
☐ Production and Operations
☐ Projects, Facilities, and Construction
☐ Reservoir Description and Dynamics

Company Category

☐ Integrated (Major)
☐ National
☐ Independent
☐ Consultant
☐ Government
☐ Service/Manufacturing
☐ Education
☐ Other

Job Classification

☐ Executive
☐ Manager
☐ Engineer
☐ Geologist or Geophysicist
☐ Superintendent or Foreman
☐ Educator
☐ Consultant
☐ Student
☐ Other

7 SUBSCRIBE

Subscribe to SPE's peer-reviewed journals and magazine.

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SPE Production & Operations (4 issues)
SPE Reservoir Evaluation & Engineering (6 issues)
SPE Economics & Management (4 issues)
SPE Projects, Facilities & Construction (4 issues)
Journal of Canadian Petroleum Technology* (4 issues)
The Way Ahead magazine (3 issues)

*Price includes GST for members in Canada.

8 INVOICE

Membership dues and the one-time entrance or reinstatement fee must be submitted to process your application. SPE membership dues and fees are nonrefundable and nontransferable. The SPE membership year is January through December. Members joining after 1 September pay for next year's membership and journals and receive the remaining months of the current year at no additional cost. Prices are valid through August 2011. For up-to-date pricing and a country category listing, visit www.spe.org/journals or contact service@spe.org.

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<th>Category 1 High-Income Countries (World Bank)</th>
<th>Category 2 All Other Countries</th>
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<td>Under Age 30</td>
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All amounts are in US Dollar Equivalent (USD)

*Includes JPT/Online only. Mail subscriptions require additional fee of USD 20.

Entrance/Reinstatement Fee (required)

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<td>Category 4</td>
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Total subscriptions from item 7 (if applicable) = USD ______

TOTAL PAID = USD ______

PAYMENT IS REQUIRED WITH APPLICATION

Please check the box that applies to your method of payment:

☐ Check or Money Order (endorse) is acceptable.
☐ Visa/MasterCard
☐ American Express
☐ Wire (Bank information has changed, please contact SPE service department)

Credit Card Number ____________________________

Expiration Date (mm/yy) ____________________________

CVV2 (3 digit code on the back of Visa/Mastercards and the 4 digit code on the front of American Express) ____________________________

Name as it appears on credit card ____________________________

Signature ____________________________ Date __________

SPE member responsible for encouraging this application (if applicable)

Member number and full name ____________________________

Please return your completed application to any SPE office. For prompt processing, send directly to the Americas office or apply online at www.spe.org/join.
<table>
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<tr>
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<th>COMPANY</th>
<th>PHONE</th>
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<tbody>
<tr>
<td>Section Chair</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>Program</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>
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<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>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>
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<td>Surface Study Group</td>
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<td>Chevron Corporation</td>
<td>(661) 654-7658</td>
<td><a href="mailto:Charles.Webb@Chevron.com">Charles.Webb@Chevron.com</a></td>
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<td>Sub-Surface Study Group</td>
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<td><a href="mailto:PJZannitto@aeraenergy.com">PJZannitto@aeraenergy.com</a></td>
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<td>(661) 654-7020</td>
<td><a href="mailto:Cynthia.Lynch@Chevron.com">Cynthia.Lynch@Chevron.com</a></td>
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<tr>
<td>Website Administrator</td>
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<td>Oxy of Elk Hills Inc.</td>
<td>(661) 412-5115</td>
<td><a href="mailto:Ana_Montenegro@oxy.com">Ana_Montenegro@oxy.com</a></td>
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<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>
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<td>Continuing Education Arrangements</td>
<td>Sam Afifi</td>
<td>Oxy of Elk Hills Inc.</td>
<td>(661) 763-6070</td>
<td><a href="mailto:Sam_Affi@oxy.com">Sam_Affi@oxy.com</a></td>
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<td>Activities</td>
<td>John Wise</td>
<td>Enova Solutions</td>
<td>(661) 808-6855</td>
<td><a href="mailto:JWise@enovaes.com">JWise@enovaes.com</a></td>
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<td>Community Outreach Activities</td>
<td>Malou Guerrero-Lee</td>
<td>Aera Energy LLC</td>
<td>(661) 665-5483</td>
<td><a href="mailto:mtguerrero-lee@aeraenergy.com">mtguerrero-lee@aeraenergy.com</a></td>
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<tr>
<td>Community Outreach Education</td>
<td>Andrei Popa</td>
<td>Chevron Corporation</td>
<td>(661) 654-7187</td>
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<td>Young Professionals Liaison</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>
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<td>Award Nominations</td>
<td>Young Kirkwood</td>
<td>Oxy of Elk Hills Inc.</td>
<td>(661) 303-7637</td>
<td><a href="mailto:Young_Kirkwood@Oxy.com">Young_Kirkwood@Oxy.com</a></td>
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<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>
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