## May 21, 2015-General Section Meeting

### Topic: Water Impoundments Associated with Industrial Activities

**Speaker:** Gary Carlton and Todd Miller, Kennedy/Jenks  
**Date:** Thursday, May 21, 2015 @ 11:30 AM  
**Location:** The Petroleum Club, 12th Floor, 5060 California Avenue, Bakersfield

### Cost:
With online payment or RSVP: $25 members, $30 non-members

### Reservations:
RSVP by Tuesday morning May 19th, using one of the two options:

- Using the corresponding link below to pay online using your Visa, MasterCard, American Express, Discover or PayPal account:
  - PayPal Link for SPE Members - $25
  - PayPal Link for Non-SPE Members - $30
- OR contact Pamela Willis at PTWillis@aeraenergy.com (661) 665-5449

Walk-ins and attendees with email/phone RSVP must pay at the door. Credit cards and cash accepted at the door. RSVP no shows may be billed.

### ABSTRACT

In 2014 the Central Valley Regional Water Quality Control Board (CVRWQCB) initiated plans to re-assess surface water impoundments associated with industrial activities (e.g., oil/gas exploration and production; agriculture; wastewater treatment). The CVRWQCB initiated the program by identifying and reviewing available information for each impoundment, assessing the administrative disposition of the various permits, and the appropriateness of the permit conditions and requirements for protecting groundwater. The CVRWQCB then inspected various facilities, gathered effluent water quality data, and evaluated site conditions for each facility. Based on the data reviewed and field observations, the CVRWQCB intends to either confirm the applicability and appropriateness of the discharge permits, issue letters requiring operators provide additional information; issue cleanup and abatement orders; or provide cease and desist orders for each surface impoundment. The presentation will provide a regulatory and industry perspective of the CVRWQCB’s expectations and how those expectations may impact current and future produced water handling operations.

### SPEAKER

**Gary Carlton** is a licensed professional civil engineer with over 40 years of professional technical and management experience in the field of environmental engineering, including expertise in surface water and groundwater hydrologic studies; assessments of secondary- and tertiary-treated wastewater discharges to determine chemical, biological and bacteriological impacts on beneficial uses of surface and groundwater; and planning, design, construction, and operation of innovative, individual on-site wastewater treatment and disposal systems. In addition, Gary has considerable experience managing and participating in the development of municipal and industrial wastewater conveyance and treatment systems, as well as designing, constructing, and operating hazardous waste site investigation and clean-up systems. He has served as an expert witness to legal teams involving toxic tort and insurance recovery litigation. Gary obtained his B.S. in civil engineering from University of California, Davis; and his M.S. in civil engineering from California State University, Sacramento.

**Todd Miller** is a registered professional geologist and certified hydrogeologist with extensive experience working with California regulatory agencies and oil and gas clients. Todd serves as Kennedy/Jenks’ Oil & Gas market sector leader and is responsible for understanding concerns and constraints associated with exploration and production activities, interfacing with clients and member agencies on project work, and communicating with local and state agencies and representatives. He has extensive experience on projects encompassing geologic and hydrogeologic assessments, water quality characterizations and modeling, and regulatory compliance and permitting. Currently, Todd is working with WSPA and its’ member companies to prepare water-related technical documents to support the Kern County EIR for amendments to their zoning ordinances; and with exploration and production companies on several produced water beneficial reuse, water quality evaluation, and aquifer exemption programs.
Dear Members

This month we vote for our 2015-2016 board! I encourage all our members to cast their vote. Last month at the Western Regional Meeting in Anaheim several of our SJV Chapter members were nominated for the 2015 SPE Western Regional Awards. These awards recognize members who have provided an outstanding service and contributed in an exceptional way within SPE. This year there were outstanding nominees and though not all won, we would still like to thank and recognize their contributions and service to the industry.

<table>
<thead>
<tr>
<th>Regional Completions Optimization and Technology Award:</th>
<th>William Minner *</th>
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<tbody>
<tr>
<td>Regional Drilling Engineering Award:</td>
<td>Jeffrey Quintana</td>
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<td>Stephen Cassidy*</td>
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<td>Regional Formation Evaluation Award:</td>
<td>Jeff Little</td>
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<td>Regional Management and Information Award:</td>
<td>Peter Ashton</td>
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<td>Saul Hernandez</td>
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<td>Regional Production and Operations Award:</td>
<td>David Susko*</td>
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<td>Regional Projects, Facilities and Construction Award:</td>
<td>Evan Grishaber*</td>
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<td>Regional Reservoir Description and Dynamics Award:</td>
<td>David Chenot</td>
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<td>Regional Service Award:</td>
<td>Jacquelyn Star</td>
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<td>Indar Singh*</td>
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<td>Regional Young Member Outstanding Service Award:</td>
<td>Mojtaba Ardali*</td>
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<tr>
<td>Regional Distinguished Corporate Support Award:</td>
<td>Chevron United States*</td>
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*Nominees who won in their category

Please join me in congratulating the 2015 SPE Western Regional Award Nominees from the SJV chapter!

Sincerely

Your SJV SPE 2014-2015 Chair,

Blythe Johnson
May 14, 2015- Subsurface Study Meeting

Topic: Evaluation of CO2-EOR and Storage Potential in Mature Oil Reservoirs

Speaker: Dayanand Saini – Assistant Professor - CSUB

Date: Thursday, May 14th, 2015 @ 11:30 AM

Location: The Petroleum Club, 12th Floor, 5060 California Avenue, Bakersfield

Cost: RSVP by 12 noon Tuesday 12th May 2015

Using one of the three options:

Using the corresponding link below to pay online using your Visa, MasterCard, American Express, Discover or PayPal account:

Members $25
Members-PayPal Link

Non-Members $30
Non_Members-PayPal Link

Walk-ins and attendees with email/phone RSVP must pay by cash at the door. RSVP no shows may be billed.

Cost: Day of the event (cash only please):

Members: $30, Non-Members: $35

ABSTRACT:

The selection of candidate reservoirs for future CO2 enhanced oil recovery (EOR) and storage projects greatly relies on methodical screening and detailed site specific evaluations.

Once suitable reservoirs are identified in an initial screening for further evaluation, CO2-Prophet screening model could be used for a better understanding of proposed EOR project performance and site specific incidental CO2 storage prior to launching detailed and time consuming reservoir simulation studies. Such approach can be used for making initial business decisions such as selection of prospective pilot sites or field acquisition while avoiding the need of detailed reservoir simulation studies.

This paper reports on the use of publicly available geological and reservoir data and CO2-Prophet model for performing such analysis for two deep mature light oil reservoirs situated in the Kern County, California. In initial screening, these reservoirs have already been found amenable for CO2-EOR and storage. The results presented in the study demonstrate that deep and mature light oil reservoirs of Kern County, California, have potential for large scale (injection of more than 1 million metric tons of CO2 per year) CO2-EOR and storage projects.

SPEAKERS:

Dayanand Saini

Dr. Dayanand Saini is currently an assistant professor in the Department of Physics and Engineering of the California State University, Bakersfield (CSUB). Prior to joining the CSUB, He worked at the Energy and Environmental Research Center (EERC) of the University of North Dakota, Grand Forks, as Research Manager-Reservoir Engineering. He has also worked as a Reservoir Engineer with Oil and Natural Gas Corporation Limited, India, from 2001 to 2006. His principle areas of research interests and expertise include thermal and non-thermal enhanced oil recovery, numerical reservoir modeling, rock/fluids interactions, minimum miscibility pressure, pressure transient analysis, and general reservoir engineering topics. Dr. Saini received a Ph.D. degree in Petroleum Engineering from the Louisiana State University, Baton Rouge, in 2011. He is the recipient of 2009 Nico Van Wingen memorial graduate fellowship awarded by the Society of Petroleum Engineers (SPE) Foundation. He is also the faculty advisor for the SPE Student Chapter at the CSUB.

Co-Author:

Ivan Jimenez

Ivan Jimenez is currently working with California Resources Corporation (CRC) as an Engineering Technical Specialist for the Asset Development team of Central Valley Operations. At the CRC, he is responsible for creating wellbore schematics for UIC projects, review mechanical integrity of wells to find suitable candidates for workover, and write workover programs for abandonment and well stimulation purposes.
# SJV SPE Board of Directors
## 2014-2015

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<td>Jeff Kim</td>
<td>California Resources Corp.</td>
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<td>California Resources Corp.</td>
<td>(661) 412-5427</td>
<td><a href="mailto:Keith.Kostelnik@crc.com">Keith.Kostelnik@crc.com</a></td>
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<td>(661) 665-5243</td>
<td><a href="mailto:ISingh@aeraenergy.com">ISingh@aeraenergy.com</a></td>
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<td><strong>Newsletter Editor</strong></td>
<td>Mojtaba (Reza) Ardali</td>
<td>California Resources Corp.</td>
<td>(661) 412-5221</td>
<td><a href="mailto:Mojtaba.Ardali@crc.com">Mojtaba.Ardali@crc.com</a></td>
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<td>David Susko</td>
<td>Baker Hughes</td>
<td>(661) 336-3408</td>
<td><a href="mailto:David.Susko@bakerhughes.com">David.Susko@bakerhughes.com</a></td>
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<td>Rakesh Trehan</td>
<td>California Resources Corp.</td>
<td>(661) 412-5486</td>
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<td><strong>Activities</strong></td>
<td>Matthew Merrimer</td>
<td>Chevron</td>
<td>(661) 448-84015</td>
<td><a href="mailto:mmminemier@chevron.com">mmminemier@chevron.com</a></td>
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<td><strong>Community Outreach Education</strong></td>
<td>Tom Hampton</td>
<td>Aera Energy LLC</td>
<td>(661) 665-5227</td>
<td><a href="mailto:TJHampton@aeraenergy.com">TJHampton@aeraenergy.com</a></td>
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<td><strong>Young Professionals Liaison</strong></td>
<td>Cenk Temizel</td>
<td>Aera Energy LLC</td>
<td>(661) 412-5221</td>
<td><a href="mailto:CTemizel@aeraenergy.com">CTemizel@aeraenergy.com</a></td>
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<td><strong>Award Nominations</strong></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><strong>Western NA Regional Director</strong></td>
<td>Tom Walsh</td>
<td>Petrotechnical Resources</td>
<td>(907) 230-9840</td>
<td><a href="mailto:twalsh@petroak.com">twalsh@petroak.com</a></td>
</tr>
<tr>
<td><strong>Student Chapter Faculty Advisor</strong></td>
<td>Dayanand Saini</td>
<td>CSUB</td>
<td>(661) 654-2845</td>
<td><a href="mailto:dsaini@csub.edu">dsaini@csub.edu</a></td>
</tr>
<tr>
<td><strong>Student Chapter President</strong></td>
<td>Cristian Garcia</td>
<td>CSUB</td>
<td>(661) 802-3058</td>
<td><a href="mailto:csb.spe@outlook.com">csb.spe@outlook.com</a></td>
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2015 SPE Western Regional Meeting Highlights

Helge Hove Haldorsen
SPE President, gives his take on current oil prices, the future of E&P and his vision for SPE at conference luncheon.

Thomas Walsh
SPE Western North America Region Director

Baldev Gill
City of Long Beach Co-Chairperson

Ted Frankiewicz
Spec Services Co-Chairperson
2015 SPE Western Regional Meeting—Awards

Helge Haldorsen (SPE president) and Tom Walsh (SPE Western North America Region Director) presented the awards at the conference luncheon.

Stephen Cassidy, Chevron (Middle)
Drilling Engineering Award

David Susko, Bakerhughes
Production and Operations Award

Evan Grishaber, Aera
Projects, Facilities and Construction

Indar Singh, Aera
Regional Service Award
2015 SPE Western Regional Meeting–Awards

Mojtaba Ardali, CRC
Young Member Outstanding Service Award

Chevron United States (Blythe Johnson)
Regional Distinguished Corporate Support Award

2015 SPE Western Regional Meeting Awardees
2015 SPE Western Regional Meeting
“Old Horizons, New Horizons Through Enabling Technology”

Malcolm Allan, Aera (Middle)
Pam Willis, Aera (Left)

Facilities & Water Management Session
Ray Clanton, CRC (Middle)
Mason Medizade, CalPoly (Left)

Peter Ashton also chaired Data Driven Analytics Session

Nabil El Shaari, CRC (Middle)
Rakesh Trehan, CRC (Left)

Health, Safety and Environment Session
Production Operations & Drilling Sessions

San Joaquin SPE Section Volunteers at 2015 Western Regional Meeting. Thanks to the volunteers who helped chair the technical sessions at 2015 Western Regional Meeting.
2015 SPE Western Regional Meeting
PROFESSIONAL SPOTLIGHT

Bill Minner

In April, California once again hosted the SPE Western Regional Meeting. As in previous years, the San Joaquin Valley Chapter of SPE was well represented in the awards categories. In this month’s spotlight, we get to know more about the recipient of the 2015 SPE North American Western Region Award for Completions Optimization and Technology. Meet fracturing expert and prolific author Bill Minner of Minner Engineering, Inc.

SPE SJV: Tell us how you become one of the leading experts in stimulation on the West Coast.

Bill: I started in 1980 with Unocal Production Research in Brea. I then became a Hydraulic Fracturing Advisor in the Science and Technology Group. In 1995, I joined Pinnacle Technologies and opened the Bakersfield office. I had worked with Chris Wright and Pinnacle Technologies a few years before on a project in the Santa Maria Basin. Becoming a consultant was an easy transition as I essentially had the same role internally with Unocal for several years. Pinnacle was acquired by Carbo which later sold off the mapping portion of the business but retained the software and engineering consulting groups which became StrataGen. We parted ways when StrataGen closed the California office and wanted to move me to Houston.

SPE SJV: You preferred to stay in California.

Bill: I was born and raised in Bakersfield, and I want to stay here. On more than one occasion I’ve avoided the black-hole gravitational pull of Houston. There is a disconnect in my mind between the words “Houston” and “home”!

SPE SJV: How do you feel the industry portrays the image of well stimulation?

Bill: It’s key for us to be open, honest and present a realistic image. I am a steering team member for the California Council on Science & Technology performing the technical evaluation of well stimulation activities regulated by the California SB4 legislation. There is a broad mix of members including some college professors, but I am the only member of industry providing guidance and expressing my thoughts on their findings.

SPE SJV: How often do you meet with CCST?

Bill: We have a conference call every Thursday and the occasional meeting. We once had a field trip where the group came down to the San Joaquin Valley to visit Elk Hills and Lost Hills.

SPE SJV: What do you enjoy most about working in the consulting role?

Bill: The variety. Working for an operator, one’s influence may be focused on a specific field or project. As a consultant, I have been able gain practical expertise and experience in many different fields all throughout California. Also, I found that working in the small company environment just suits me better.
Many aspects of liquids-rich development remain experimental, even controversial, and the pace at which they are evolving is remarkable. At this workshop we will continue pushing the subject forward, discussing technological advances that are unfolding, and those that are still needed.

**Topics of Interest will include:**

- Understanding fluid flow and fluid-rock interaction within ultratight formations
- Characterization of relevant rocks and fluids
- How liquids-rich production systems change with time
- Surveillance techniques to enhance our understanding of dynamic system behavior
- Predictive modeling and reserves determination
- Finding the right completion and stimulation designs for a particular formation and well spacing
- Reliable and socially sustainable development of liquids-rich resources on a massive scale
- Examples from active plays including the Permian Basin

**If the development of liquids-rich resources is important to you, mark your calendar for May 2015 to be part of an opportunity to improve the development of your resources.**

http://www.spe.org/events/15apve/

[Register Today]

**Deadline : Early Registration deadline is 17 April.**

**Venue**

**Terranea Resort**
6610 Palos Verdes Drive South
Rancho Palos Verdes, CA 90275
Tel: 310.265.2800

31 May–1 June 2015 | Newport Beach, California, USA

You are invited to apply for the SPE Forum, on Flow Assurance—The Future State of the Art.

The field of flow assurance has grown in concern to all operators. This forum will focus on the major issues in flow assurance, which draws expertise from a diversity of disciplines, and deals with mitigating substances which can block pipelines, including hydrates, waxes, scale, sand, and asphaltenes.

The deposition and blockages by these substances are regulated to some degree by multiphase flow which frequently involves at least three phases: gas, liquid hydrocarbon, and an aqueous phase, in addition to one or more of the above five solids.

This forum will consider parallels developing in other flow assurance areas, e.g. waxes, scale, sand, and asphaltenes.

Register Today

What are forums?

SPE Forums are unique, by-invitation-only SPE events that bring together top technologists, innovators, and managers to address a specific industry challenge. Participants are encouraged to come prepared to contribute their experience and knowledge, rather than be spectators or students.

Get Involved

SPE Forums offer an exclusive opportunity to discuss complex industry challenges with top technologists, innovators, and managers. Learn more about SPE forums online.

View the forum website for more details on this event.

A written summary will be prepared and distributed to participants after the forum at the discretion of the program committee and SPE approval.
Registration Deadline: May 15th 2015.

Society of Petroleum Engineers TRAINING COURSES
Setting the standard for technical excellence.
www.spe.org/training

Horizontal Well Completions

2 June 2015 – 8:00 AM – 5:00 PM

University of Phoenix
4900 California Avenue
Bakersfield, CA 73309

This course develops strategies for completing horizontal wells. It covers both cased-hole and open-hole configurations, either with or without sand control. Participants will learn the applications and dynamics of horizontal wells, including drill-in fluids, hole displacement, cementing, perforating, and stimulation. They will also learn the guidelines for selecting stand-alone screens and executing horizontal gravel packs.

Topics Include:

- Completion options
- Cased-hole horizontal completions
- Perforating and stimulating horizontal wells
- Open-hole horizontal completions
- Drill-in fluids
- Zonal isolation and inflow control
- Displacing the drill-in fluid

Learning Level - Introductory/Intermediate

Course Length - 1 Day

Why You Should Attend - Horizontal drilling was a step-change in the industry, but the technology is more expensive and riskier than drilling vertical or deviated wells. As a drilling, completion or reservoir engineer, it is important for you to understand the many challenges and options of horizontal drilling.

Who Should Attend - This course is designed for drilling, completion and reservoir engineers, and for service-company personnel involved with planning, drilling, completing and operating horizontal wells.

CEUs - 0.8 CEUs (Continuing Education Units) awarded for this 1-day course.

Find out more and register at http://www.spe.org/training/courses/HWC.php

Instructors

Sudiptya Banerjee is a completion engineer within the Baker Hughes’ Center for Technology Innovation who specializes in inflow control technology and reservoir simulation. He began his career working as a cementing and stimulation field engineer for Schlumberger well services, living and working in locations ranging from Western Oklahoma to Saudi Arabia. Since joining Baker Hughes, Banerjee focused on new product design and global technical support, developing and launching products ranging from premium sand control screens to new hybrid geometry inflow control devices. He holds three patents related to adaptive inflow control alone. Banerjee is an author on a number of papers related to completions in a sand control environment and presented at the Sand Control Workshop in Santa Marta, Colombia.

Banerjee received his BS in chemical engineering from Case Western Reserve University and MS in petroleum engineering from the University of Alaska Fairbanks.

Aaron Burton has most recently been a completion manager at Baker Hughes for the unconventional resources team, a group primarily focused on the completion of shales and similar unconventional plays that require multistage hydraulic fracturing. During his tenure in operations, he has held the roles of field engineer, operations coordinator, and district engineer. He has completed wells in several unconventional plays in North America, including the Bakken, the Marcellus, and the Lower Huron.

Burton holds a BS in mechanical engineering from Mississippi State University.
"Drilling Engineering Overview for Non-Drilling Engineers"

Instructor: Ms. Val Lerma, P. E.

Date: August 18th, 2015 (8:00 am to 5:00 pm)

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

Announcement:
SJVSPE is proudly sponsoring this course, designed as an introduction to basic drilling concepts. Students will leave the course with a basic understanding of the processes involved in the drilling of oil and gas wells.

Questions:
Please call Craig Pauley @ 661-391-4360 (office); 661-496-0707 (mobile) or e-mail Craig-Pauley@chevron.com if you have questions or need additional information.

Payment & Cost:
Payment can be made by check at the door on the first day of class (RSVP in advance by e-mail) or register & pay with a credit card via PayPal (below). The course is limited to 30 students. The price of this course for SPE members and non-members is $550 per person. Lunch, including sodas and dessert, is included.

PayPal Link: Drilling Engineering Overview

RSVP: Please RSVP to CraigPauley@chevron.com

Target Audience:
Drilling is a complex process, involving many different technical professionals and functions. Understanding how a well is drilled is important for many technical professionals working within the oil and gas industry. This course is intended for individuals with little to no prior drilling experience, who will benefit from learning more about the drilling process. The target audience for this course includes engineers, geologists, administrative staff, environmental specialists, legal professionals, analysts, service and sales personnel, landmen, and entry-level drilling personnel.
Two introductory 1-day courses by the same instructor;
Take one, the other, or both.

“Drilling Engineering Overview for Non-Drilling Engineers”

Instructor Biography:
Val Lerma has 30 years’ experience in the oil and gas industry, and is a California registered professional petroleum engineer. Upon graduating with her BS PTE Magna Cum Laude from University of Southern California, Ms. Lerma worked for Chevron as a drilling foreman, drilling engineer, reservoir engineer, and development planning engineer for various L.A. Basin and Ventura onshore and offshore fields. She subsequently spent 15 years with Troy Consulting working on production, reservoir, and drilling engineering projects for PXP, Chevron, Aera, Veneco, Santa Fe Resources, USC, and others in the L.A. Basin, San Joaquin Basin and Ventura fields.

For eight years, Ms. Lerma has worked for Orchard E&P, LLC and Orchard Petroleum, Inc. As Engineering Manager, Ms. Lerma managed drilling programs at Belridge, Sac Basin, Lost Hills, and Belgian Anticline, including services and rig bid requests and evaluation, AFE and drilling program preparation, ongoing efficiency analysis, and troubleshooting. She prepared/coordinated permit approval for drilling, CEQA approval (California Environmental Quality Act) for drilling, injection project (UIC) permits for disposal (Tulare) and waterflood (Diatomite). She managed compliance with OSHA and Cal OSHA regulations including preparation and maintenance for IIPP (Illness, Injury Prevention Plan), maintenance of OSHA 300 log, online training, field inspections, quarterly meetings, pre-job safety meetings, Spill Prevention Plan, Hazardous Materials Plan, Dust Control Plan. She also evaluated properties for acquisition.

She then served as President and was on the Board of Directors (2008-2012) of Orchard Petroleum until the company was sold in June, 2012. Subsequently, Ms. Lerma served as Business Development Manager for the newly formed Orchard E&P, LLC. She joined InterAct, an engineering service company, in November, 2014, and currently serves as their Engineering Manager.

Ms. Lerma also has her MBA from California Lutheran University and her MS PTE from University of Southern California. She spent seven years teaching graduate and undergraduate Drilling Engineering at University of Southern California through the Distance Educational Network for worldwide students. She has participated in PTTC and SPE seminars and technical meetings, authored several technical papers, and served on the SPE board in Ventura.

Special Requirements: Participants should bring a standard calculator
Two introductory 1-day courses by the same instructor; 
Take one, the other, or both.

“Primary and Remedial Cementing Equipment, Techniques, and Evaluation”

Instructor: Ms. Val Lerma, P. E.
Date: August 19th, 2015 (8:00 am to 5:00 pm)
Location: University of Phoenix, 4900 California Ave, Bakersfield, California.

Announcement:
SJVSPE is proudly sponsoring this course, designed as an introduction to basic cementing concepts. Cementing is used in the oil and gas industry to isolate zones (which prevents migration of fluids), to seal and protect casing, to control well formation pressure, and to plug and abandon wells. Attendees will leave the course with a basic understanding of both primary and remedial cementing methods. Participants will also have a basic understanding cement evaluation tools and methods.

Questions:
Please call Craig Pauley @ 661-391-4360 (office); 661-496-0707 (mobile) or e-mail Craig-Pauley@chevron.com if you have questions or need additional information.

Payment & Cost:
Payment can be made by check at the door on the first day of class (RSVP in advance by e-mail) or register & pay with a credit card via PayPal (below). The course is limited to 30 students. The price of this course for SPE members and non-members is $540 per person. Lunch, including sodas and dessert, is included.

PayPal Link: Primary and Remedial Cementing
RSVP: Please RSVP to CraigPauley@chevron.com

Instructor Biography:
Ms. Lerma’s biography is presented with the “Drilling Engineering Overview for Non-Drilling Engineers” class.

Course Outline:
- **Basics**: Cement objectives; Properties of cement; Testing; Cement additives
- **Types of Cementing**: Primary; Stage cementing; Squeeze cementing; Balanced plug; Top job
- **Cement Calculations**: Cementing terms; Additives and mix water; Primary cement volumes; Displacement volumes; Balanced plug calculations
- **Cement Equipment**: Surface equipment; Casing jewelry; Interface with rig equipment
- **Best Practices**: Centralization; Mud conditioning; Annular fluid velocity; Pipe movement; Spacers and flushes
- **Case History**: Lost Hills field-intermediate and production casing
- **Cement Evaluation**: Pressure test; Water shut off tests; Temperature surveys; CBL
- **Summary and Conclusions

Target Audience:
Understanding cementing concepts is important for many technical and non-technical professionals working within the oil and gas industry. This course is intended for individuals with little to no prior cementing operational knowledge, who will benefit from learning more about the cementing process. These would include engineers, and other oil & gas professionals, who require a fundamental overview of cementing operations.

Special Requirements: Participants should bring a standard calculator
Production Decline Analysis—Vertical and Horizontal Wells
2-3 September 2015 :: 0800–1700

University of Phoenix
4900 California Avenue
Bakersfield, CA 93309

Attendees of this course, offered in both 2-day and 3-day versions, will learn the Arps equations, the effects of layering and changing fluid properties on the Arps exponent, and comparing production characteristics of horizontal to vertical wells. Interpretation of performance curves to determine drive mechanisms, recovery efficiency, and effects of operations will also be covered.

Topics Include:

- The utility of the quadratic equation
- The Fetkovich type curve approach
- The Blasingame type curve approach
- The Poe type curve approach for horizontal wells

The participant will become acquainted with the Arps, Fetkovich, Blasingame, and Poe decline curve analysis techniques. Assumptions and limitations of each analysis method are covered. Example and work problems are included to amplify salient points.

Learning Level: Intermediate

Course Length: 2 Days

Why Attend? You will learn the meanings and limitations of the Arps exponential, hyperbolic, and harmonic equations.

Who Should Attend? Professionals who work in production data processing as it relates to reservoir description and dynamics.

Instructor:

Steven W. Poston

is a professor emeritus at Texas A&M University with over 45 years' experience in the petroleum industry. His vast career includes reservoir engineering and decline curve analysis, teaching, and consulting in the US, Middle East, Africa, Latin America, and Russia.

Poston is a member of SPE and has served on numerous committees including the committee on rewriting the seven-volume Petroleum Engineering Handbook. He co-authored many technical papers and presented over 41 at various university and technical meetings. He is also co-author of Overpressured Gas Reservoirs with Robert R. Berg and Analysis of Production Decline Curves with Bobby D. Poe Jr.

Poston received his BSc and ME degrees in geological engineering and his PhD in petroleum engineering from Texas A&M University.

Find out more and register at http://www.spe.org/training/courses/PND.php
Basic Pressure Transient Test Analysis

26-27 Oct 2015 :: 0800–1700

University of Phoenix
4900 California Ave.
Bakersfield, CA 93309

This course teaches the systematic analysis and design procedures for testing pressure buildup and flow tests. Example applications focus on identifying the appropriate reservoir model, estimating effective formation permeability, and quantifying damage or stimulation.

Topics include:
- Semilog analysis methods
- Type curves and diagnostic plots
- Gases and multiphase flow
- Average drainage area pressure
- Horizontal wells
- Well test design

At the end of the course, participants should understand:
- Naturally-fractured reservoirs
- Hydraulically-fractured wells
- The effects of input data errors

Learning Level: Introductory
Course Length: 2 Days

Why Attend? This course will provide you with an understanding of the fundamentals of buildup and flow test analysis—an understanding that will provide insight into the strengths and limitations of the methodology used in modern commercial pressure-transient test analysis software.

Who Should Attend: This is a basic course in well test analysis and design, suitable for engineers and physical scientists who have little if any background in well test theory or practice. It focuses on applications rather than theory.

CEUs: 1.6 (Continuing Education Units)

Find out more and register at http://www.spe.org/training/courses/BPT.php
NCEES and the State Engineering Boards released their 2014 Professional Engineering Exam results. Nationwide, the Petroleum Engineering Exam recorded a 57% pass rate. The Petroleum first time takers passed at a 71% rate. The estimated pass rates of a few other engineering disciplines were:

- Chemical: 60%
- Agricultural: 71%
- Civil: 55%
- Fire Protection: 54%
- Electrical: 53%
- Industrial: 61%
- Environmental: 49%
- Metallurgical: 40%
- Mechanical: 65%
- Mining: 83%
- Nuclear: 61%
- Control Systems: 74%

The Petroleum pass rates in 2014 for a few states:

- Alaska: 71%
- Louisiana: 78%
- California: 38%
- Oklahoma: 81%
- Colorado: 70%
- Texas: 67%

What are the requirements to take the Petroleum PE Exam? Today, California requires that you have:

1. An engineering, math or science degree.
2. Passed the Fundamentals, or FE Exam.
3. At least four years of professional experience.

Interested? Contact the California State Engineering Board at (916) 263-2230 for application forms. State web sites are also available at: www.ncees.org/licensure/licensing_boards. The California application deadline to take this years PE Exam is May 1, 2015. This year’s PE Exam will be given on Friday, October 30, 2015.

PROFESSIONAL REGISTRATION REVIEW
COURSE FOR PETROLEUM ENGINEERING

COURSE DESCRIPTION: The Course covers most topics that are found on the State Board Petroleum Engineering Professional Examination.

WHO SHOULD ATTEND: Engineers who are planning on taking the PE Examination in Petroleum Engineering this fall. INSTRUCTOR: Bing Wines, PE

BAKERSFIELD COURSE (8:00 AM - 6:00 PM)

Monday through Friday, August 3 – 7, 2015

For More Information: 405-822-6761

E Mail: bingwines@cox.net
Web Site: winrockengineeringinc.com
WINROCK ENGINEERING, INC.
P. O. BOX 797366 DALLAS, TX, 75379
Engineer, Production – Bakersfield, CA

Seneca Resources Corporation, the oil & gas exploration and production subsidiary of National Fuel Gas Company (NYSE: NFG), is currently seeking an Engineer, Production at its West Division office in Bakersfield, CA.

The Engineer, Production will serve as an integral member of the Production team with responsibilities including, but not limited to, the following:

- Direct well testing effort with support from Operations team
- Review well tests and temperatures, and ensure timely gathering and accuracy
- Propose steam cycle candidates and help manage steam distribution to maximize production
- Propose changes to thermal projects as necessary based on data from field
- Review all aspects of rod pumping, including POC operation and Theta software for maximization of fluid production
- Coordinate and lead regular well performance reviews and steamflood performance
- Work with Engineering team and Operations team to ensure proper execution of recovery strategy
- Improve implementation of Wellview and OFM software packages throughout Division
- Develop recompletion and workover programs, including procedures and cost estimates
- Work with geologists on completions of new wells
- Ensure UIC projects are in compliance with DOGGR regulations

This position requires a Bachelor’s Degree in Engineering. Candidates with two (2) or more years experience in a production engineering capacity are preferred. Candidates with five (5) or more years in a production engineering capacity are highly preferred. Experience in the San Joaquin Valley is highly desired. Good interpersonal communication skills are necessary in this role. Attention to detail and the ability to be flexible and work in a team environment are essential.

The successful candidate must be authorized to work in United States of America.

All candidates who wish to be considered for this position should visit [www.natfuel.com/careers](http://www.natfuel.com/careers) for information on submitting a resume.

SENECA RESOURCES CORPORATION IS AN EQUAL OPPORTUNITY EMPLOYER MINORITIES/WOMEN/DISABLED/VETERANS

Please note: We occasionally amend or withdraw Seneca Resources jobs and reserve the right to do so at any time, including prior to the advertised closing date.

As an active exploration and production company in the northeastern U.S. for more than 100 years, Seneca Resources Corporation is committed to safety, environmental stewardship, increased productivity and maximizing shareholder value.

1201 LOUISIANA STREET • SUITE 400 • HOUSTON, TX 77002-5604 • P 713.654.2600 • F 713.374.6310
Representative, EHS – Bakersfield, CA

Seneca Resources Corporation, the oil & gas exploration and production subsidiary of National Fuel Gas Company (NYSE: NFG), is currently seeking a Representative, EHS at its Bakersfield, CA office.

The Representative, EHS will serve as an integral member of the Environmental, Health & Safety team with responsibilities including, but not limited to, the following:

- Ensure safe work practices among employees and contractors
- Work with contractor safety personnel to bring contractor safety programs in alignment with Seneca programs
- Continuously improve Seneca EHS performance
- Participate in and direct HAZID and HAZOPS
- Execute EHS audits including: Inspect equipment and facilities, document and address deficiencies using several internal and external resources based on severity of deficiency, and report completion and submission
- Follow-up on EHS audits, incidents, and investigations to ensure corrective action has been completed
- Train applicable personnel in EHS programs, develop or source new training as needed
- Work with EHS staff to achieve EHS goals including environmental compliance while conforming to safety management system requirements.

This position requires a High School Diploma/GED and a minimum of five (5) years EHS experience in the oil & gas industry OR a Bachelor’s Degree in a safety related or similar field. Experience with federal and state health and safety programs and regulations, with strong working knowledge of Cal-OSHA is preferred. A technical aptitude in oil-gas operations along with construction competences is essential. Experience with MS Office (Word, Excel, PowerPoint) is required. The successful candidate must have structured discipline for self-starting, scheduling, troubleshooting, and advising with little to no supervision. The successful candidates must also be flexible, able to work in a team environment and possess good interpersonal and communication skills.

The successful candidate must be authorized to work in United States of America with a valid driver’s license with no restrictions to operate a company vehicle. This position is a DOT-covered function and must comply with all applicable DOT requirements.

All candidates who wish to be considered for this position should visit www.natfuel.com/careers for information on submitting a resume.

SENeca RESOURCES CORPORATION IS AN EQUAL OPPORTUNITY EMPLOYER
MINORITIES/WOMEN/DISABLED/VETERANS

Please note: We occasionally amend or withdraw Seneca Resources jobs and reserve the right to do so at any time, including prior to the advertised closing date.

As an active exploration and production company in the northeastern U.S. for more than 100 years, Seneca Resources Corporation is committed to safety, environmental stewardship, increased productivity and maximizing shareholder value.
Our team just got 450 times better

With our 450 new team members from Processes Unlimited, we're expanding our oil & gas EPCM services in the United States. Together, our team of 1,800 is exploring new opportunities, and finding more creative ways to meet your needs.

Design with community in mind
Now that **oil prices** are at rock bottom,

Lowering Profits.

**Oil producers** should consider utilizing downhole rod pumps that stay in the ground **300%** longer.

*(Six Sigma Study)*

**Farr plunger pumps** will drop operating costs to rock bottom

**Increasing Profits**

Call us today to *triple* your pump run life and start saving money.

Web site: www.muthpump.com  See video: Farr vs. API
2015 SJV SPE BOARD ELECTION BALLOT  
(Director’s Term is 7/2015 through 6/2016)

Please click on the link below to participate in the election.


Alternatively, you can print this ballot, then scan and send it to Blythe Johnson at BlytheJohnson@chevron.com. Please Return Ballot No Later than JUNE 30, 2015.

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

Section Chair: [ ] Pam Willis [ ] Write-In __________________________
Program Chair: [ ] Keith Kostelnik [ ] Write-In __________________________
Secretary: [ ] Rakesh Trehan [ ] Write-In __________________________
Treasurer: [ ] Jeff Kim [ ] Write-In __________________________
Awards: [ ] Blythe Johnson [ ] Write-In __________________________

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

BOARD MEMBERS:
[ ] Gihan Abeidi
[ ] Mojtaba (Reza) Ardali
[ ] Allison Escovedo
[ ] Tom Hampton
[ ] Patrick Niebuhr
[ ] Roman Omelchenk
[ ] Jared Paddock
[ ] Craig Pauley
[ ] Dave Susko
[ ] Indar Singh
[ ] 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.

ONLY ONE Ballot per Member

Thank You

Blythe Johnson

2014-2015 SJV SPE Chairman
2015 Election
San Joaquin Valley Section - Society of Petroleum Engineers

Nomination for: _Chair______________

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<thead>
<tr>
<th>Personal Information</th>
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<tbody>
<tr>
<td>Name:</td>
<td>Pamela Willis</td>
</tr>
<tr>
<td>Phone:</td>
<td>(661) 665-5449</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:ptwillis@aeraenergy.com">ptwillis@aeraenergy.com</a></td>
</tr>
<tr>
<td>Company Affiliation</td>
<td>Aera Energy LLC</td>
</tr>
<tr>
<td>Job Title</td>
<td>Environmental Specialist</td>
</tr>
</tbody>
</table>

Brief Work History
I began working for Aera Energy LLC in March 2013. My responsibilities as an environmental specialist ranges from writing environmental documents to permitting to compliance assurance. Previously, I worked for WZI Inc. as an environmental specialist where my responsibilities ranged 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. In 2012 I co-chaired the 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
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 a 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.
2015 Election
San Joaquin Valley Section - Society of Petroleum Engineers

Nomination for: Program Chair

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<tr>
<th>Personal Information</th>
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<tbody>
<tr>
<td>Name: Keith Kostelnik</td>
</tr>
<tr>
<td>Phone: 661-889-0468</td>
</tr>
<tr>
<td>Email: <a href="mailto:Keith.kostelnik@crc.com">Keith.kostelnik@crc.com</a></td>
</tr>
<tr>
<td>Company Affiliation</td>
</tr>
<tr>
<td>California Resources Corporation</td>
</tr>
<tr>
<td>Job Title</td>
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<tr>
<td>Reservoir Engineer</td>
</tr>
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</table>

Brief Work History

I began my career in March of 2010 with Oxy/CRC (Vintage Production California LLC) here in Bakersfield, Ca. I worked as the Reservoir Engineer for CRC’s flagship heavy oil field Kern Front for four years and am currently working with Elk Hill’s Easter Shallow Oil Zone.

SPE & Petroleum Industry Contributions

2007-2009 Served as the VP and Junior Class Chair of the University of Tulsa Student Chapter
2011-2013 Served as the SJV SPE YP Liaison
2013-2014 SJV SPE Section Secretary
2014-2015 SJV SPE Section Treasurer

Candidate Synopsis

I have been a member of SPE since 2005 and an active board member with the SJV section since 2011. I have found great pleasure in helping coordinate activities and events for the SJV and hope to be able to continue supporting SPE grow and succeed in the SJV.
2015 Election
San Joaquin Valley Section - Society of Petroleum Engineers

Nomination for: Secretary Officer

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<tr>
<th>Personal Information</th>
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<tbody>
<tr>
<td>Name:</td>
<td>Rakesh Trehan</td>
</tr>
<tr>
<td>Phone:</td>
<td>661 378 6098</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:Rakesh.Trehan@CRC.com">Rakesh.Trehan@CRC.com</a></td>
</tr>
<tr>
<td>Company Affiliation</td>
<td>California Resources Corporation</td>
</tr>
<tr>
<td>Job Title</td>
<td>Sr. Production/Operations Engineer</td>
</tr>
</tbody>
</table>

**Brief Work History**

I have been in industry since 2003. I have worked more than 10 years with Halliburton. During that time frame, I have held various positions from Field Engineer to District Technical Manager. Presently, I am working with California Resources Corporation. Also, I am a member of the advisory committee for Taft College Energy Technology Program from last three years.

**SPE & Petroleum Industry Contributions**

I have co-authored 4 SPE Technical Papers. I have held various positions with SJVSPE such as Surface Study Group officer, Website Administrator, Continuing Education Arrangements officer. I have served as a chairperson at SPE WRM meetings in 2012 at Bakersfield CA, 2014 in Denver CO and in 2015 at Anaheim, CA.

**Candidate Synopsis**

I have been a member of SPE since 2003 and an active board member with SJV section since 2013. I have enjoyed my involvement with the board and look forward to continuing to serving the SJV SPE chapter. As Secretary for 2015-16, I hope to provide the dedication that will allow SJV SPE chapter to continue excel.
2015 Election
San Joaquin Valley Section - Society of Petroleum Engineers

Nomination for: __Treasurer___________

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<th>Personal Information</th>
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<tbody>
<tr>
<td>Name:</td>
<td>Jeff Kim</td>
</tr>
<tr>
<td>Phone:</td>
<td>661-599-0833</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:jeff.kim@crc.com">jeff.kim@crc.com</a></td>
</tr>
<tr>
<td>Company Affiliation</td>
<td>CRC</td>
</tr>
<tr>
<td>Job Title</td>
<td>Senior Reservoir Engineer</td>
</tr>
</tbody>
</table>

Brief Work History
I graduated from Colorado School of Mines with BSc in Petroleum Engineering and started my career with Aera Energy in 2009. I have worked as a production engineer for Belridge asset in several different teams. In 2014 I joined California Resources Corporation as a Senior Reservoir Engineer.

SPE & Petroleum Industry Contributions
SPE SJV Board 2011-12: SPE Young Professional Liaison
SPE SJV Board 2012-13: Website Administrator
SPE SJV Board 2013-14: Surface Study Group
SPE SJV Board 2014-15: Secretary Officer

Candidate Synopsis
I enjoyed serving and contributing to SPE SJV section board for last 4 years and have gotten a lot of value from the positions. I would like to continue to dedicate my time to the board if you choose to re-elect me.
2015 Election
San Joaquin Valley Section - Society of Petroleum Engineers

Nomination for: Awards

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<tbody>
<tr>
<td>Name:</td>
<td>Blythe Johnson</td>
</tr>
<tr>
<td>Phone:</td>
<td>661 281 5713</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:BlytheJohnson@chevron.com">BlytheJohnson@chevron.com</a></td>
</tr>
<tr>
<td>Company Affiliation</td>
<td>Chevron</td>
</tr>
<tr>
<td>Job Title</td>
<td>Production Engineer</td>
</tr>
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</table>

Brief Work History

I started with Aera in September 2005. During my time at Aera, I have worked as a production engineer at the Belridge field and at the North Midway Sunset field. In 2013, I joined the Chevron and currently working as a production engineer at Midway Sunset.

SPE & Petroleum Industry Contributions

2014 – 2015  SJV SPE Chair

2013 – 2014  SJV SPE Program Chair

2012 – 2013  SJV SPE Secretary

2011 – 2012  SJV SPE Section Subsurface Study Group

At Aera, I was 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. Since joining Chevron I have been involved in several volunteer events.

Candidate Synopsis

I have been on board for four years 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 Chair, I hope to provide the skill and dedication that will allow SJV SPE chapter to continue excel and thrive.
2015 Election
San Joaquin Valley Section - Society of Petroleum Engineers

Nomination for: __Director__

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<tbody>
<tr>
<td>Name:</td>
<td>Gihan EL abedi</td>
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<tr>
<td>Phone:</td>
<td>661-864-4718</td>
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<tr>
<td>Email:</td>
<td><a href="mailto:GABeidi@slb.com">GABeidi@slb.com</a></td>
</tr>
<tr>
<td>Company Affiliation</td>
<td>Schlumberger</td>
</tr>
<tr>
<td>Job Title</td>
<td>CH Petrophysicist</td>
</tr>
</tbody>
</table>

Brief Work History:
I am SLB employee since 2002, I worked on different locations as Cased hole Petrophysicist, mainly processing and interpretation Cased hole logs (RST,CHFR,PLT, FSI).

SPE & Petroleum Industry Contributions:

Candidate Synopsis: I like team work and be member on team, sharing knowledge with other is key of successful , hard worker , I like to meet people from different background
2015 Election
San Joaquin Valley Section - Society of Petroleum Engineers

Nomination for: Subsurface Chair or other

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<tbody>
<tr>
<td>Name:</td>
<td>Mojtaba (Reza) Ardali</td>
</tr>
<tr>
<td>Phone:</td>
<td>661-412-5221</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:mojtaba.ardali@crc.com">mojtaba.ardali@crc.com</a></td>
</tr>
<tr>
<td>Company Affiliation</td>
<td>CRC</td>
</tr>
<tr>
<td>Job Title</td>
<td>Senior Reservoir Engineer</td>
</tr>
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</table>

Brief Work History
2015 – Present: Senior Reservoir Engineer at California Resources Corporation
2012-2014: Reservoir Staff Engineer at Occidental Petroleum
2008 – 2012: Research Assistant at Texas A&M University
2011-2012: Reservoir Engineer Co-op at Daneshy Consultants International

PhD in Petroleum Engineering from Texas A&M University, MSc in Reservoir Geosciences and Engineering from IFP School in France and BSc in Petroleum Production Engineering from Petroleum University of Technology, Iran.

SPE & Petroleum Industry Contributions
2014-2015: Newsletter Editor – San Joaquin Valley SPE Section
2013-2014: Newsletter Co-Editor – San Joaquin Valley SPE Section
Authored and co-authored 8 SPE Papers mainly in heavy oil and reservoir simulation area.
Received Regional Young Member Outstanding Service Award, 2015

Candidate Synopsis
I have been SPE member since 2005 and I have enjoyed serving on the SJV SPE Board since 2013. I would like to continue supporting our local SPE Section grow and succeed. It would be a great pleasure for me to be able to continue serving SJV SPE Section in any way I can contribute.
2015 Election
San Joaquin Valley Section - Society of Petroleum Engineers
Nomination for: Community Outreach or YP Liaison

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<tr>
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<tbody>
<tr>
<td><strong>Name:</strong></td>
<td>Allison Escovedo</td>
</tr>
<tr>
<td><strong>Phone:</strong></td>
<td>661-699-3690</td>
</tr>
<tr>
<td><strong>Email:</strong></td>
<td><a href="mailto:aescovedo@ebresources.com">aescovedo@ebresources.com</a></td>
</tr>
<tr>
<td><strong>Company Affiliation</strong></td>
<td>E&amp;B Natural Resources</td>
</tr>
<tr>
<td><strong>Job Title</strong></td>
<td>Reservoir &amp; Production Engineer</td>
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</table>

**Brief Work History**
I graduated with a masters in Petroleum Engineering from USC in December 2014. I went straight from undergrad studies into graduate studies as my undergraduate degree was in Mathematics from UT Austin. I interned for two summers in production and reservoir for E&B Natural Resources in Bakersfield and was hired full time during my last summer. I began full time employment as a reservoir engineer in November, a month before I graduated. I also have taken on a new role as a production engineer, but am continuing to do reservoir work for the western division.

**SPE & Petroleum Industry Contributions**
In graduate school, I was an active member of SPE but never took on any additional roles because I was working while attending USC. Since finishing graduate school, I have more time to dedicate to SPE and strongly desire to get more involved. I am currently serving as a senior project mentor for Independence High School and recently joined the Junior League of Bakersfield.

**Candidate Synopsis**
I am open to any of the positions available although I feel my strengths would be best suited in community outreach or young professional liason. To learn more about activities I have been involved in visit my linkedin page:
https://www.linkedin.com/pub/allison-escovedo/38/976/76b
2015 Election
San Joaquin Valley Section - Society of Petroleum Engineers

Nomination for: Secretary

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<tr>
<td>Company Affiliation</td>
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<tr>
<td>Job Title</td>
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Brief Work History
2014 to present Aera Energy LLC on Exploration, Exploitation Team
2012-2014 Aera Energy LLC – Diatomite Thermal Recovery Team
2002-2011 Oxy Elk Hills in ESOZ, various EOR projects
1997-2002 SLB Holditch Reservoir Technologies, Simulation Engineer, consulting
1991-1997 Bechtel at Elk Hills, Stevens MBB and Monterey Shales
Prior to this, worked for small independent in Oklahoma
BS in Mathematics from BYU, BS Petroleum Engineering and MBA from University of Oklahoma, registered Petroleum Engineer in California

SPE & Petroleum Industry Contributions
2014-2015 Community Outreach Education – San Joaquin Valley SPE Section
Received 2014 Western Regional Reservoir Description and Dynamics Award
2013-2014 Newsletter – San Joaquin Valley SPE Section
2012-2013 Sub Surface Study Group – San Joaquin Valley SPE Section
Authored four SPE papers (35742, 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.

Candidate Synopsis
I have enjoyed serving on the SJV SPE Board since 2012 in various positions. I hope to continue serving as my way to give back for my 25+ years of SPE membership.
2015 Election

San Joaquin Valley Section - Society of Petroleum Engineers

Nomination for: Director

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<thead>
<tr>
<th>Personal Information</th>
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<tbody>
<tr>
<td>Name:</td>
<td>Patrick Niebuhr</td>
</tr>
<tr>
<td>Phone:</td>
<td>661-391-1920</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:patrick.niebuhr@halliburton.com">patrick.niebuhr@halliburton.com</a></td>
</tr>
<tr>
<td>Company Affiliation</td>
<td>Halliburton</td>
</tr>
<tr>
<td>Job Title</td>
<td>District Technology Manager</td>
</tr>
</tbody>
</table>

Brief Work History

I have worked with Halliburton since 2011, starting as a Coiled Tubing engineer here in Bakersfield CA. Since July of 2014 I have been the Bakersfield District Technology Manager.

SPE & Petroleum Industry Contributions

I have been a member of SPE since I began working in the petroleum industry. During the past several years I have attended several SPE training classes and conferences. I also have participated in engineering day at CSU-B for several years and other community outreach events.

Candidate Synopsis

Over the last several years, I have benefited from the knowledge and support of SPE. I would like to help others receive the same benefit by actively participating in the SJV chapter as a member of its board.
Personal Information

Name          Jared Paddock
Phone         661-654-7945
Email         jared.paddock@chevron.com
Company Affiliation  Chevron
Job Title     Senior Reservoir Engineer

Brief Work History:
In 2001 I graduated from the University of Regina with a degree in Industrial Systems Engineering. Through my reservoir Engineering career I have worked for:
- Imperial Oil Resources/ExxonMobil for 4 years including positions in Conventional Oil and Gas and Thermal Heavy Oil Production.
- Canadian Natural Resources Limited for 6 years with positions in Thermal Heavy Oil and Primary Heavy Oil.
- Devon Canada Corporation for 3 years as Leader of Reservoir Engineering for the 80,000 BOPD Jackfish SAGD Program.
I am currently employed at Chevron North America Exploration and Production Company in Bakersfield, CA as Senior Reservoir Engineer for Lost Hills Diatomite.

SPE & Petroleum Industry Contributions
2012/2013 - Guest Lecturer at the University of Calgary College of Engineering on Thermal Heavy Oil Recovery Processes.
2004 – Chair of the Lakeland Branch of the Association of Professional Engineers and Geoscientists of Alberta (APEGA).
2003 – Vice-Chair of the Lakeland Branch of the Association of Professional Engineers and Geoscientists of Alberta (APEGA).

Candidate Synopsis
For the past 14 years I have worked as a Reservoir Engineer specializing in thermal heavy oil development for a variety of employers including major integrated companies and independent producers. I have been a member of the SPE continuously throughout my career and am a passionate advocate for the petroleum industry. I am a strong believer in the advocacy, mentoring, and continuing education programs offered through the SPE as a link between professionals in industry and society at large. I look forward to the opportunity to become a member of the SJV Section Board if selected to serve.
2015 Election

San Joaquin Valley Section - Society of Petroleum Engineers

Nomination for: Board Member

<table>
<thead>
<tr>
<th>Personal Information</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Name:</td>
<td>Craig Pauley</td>
</tr>
<tr>
<td>Phone:</td>
<td>661 391 4360</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:craigpauley@chevron.com">craigpauley@chevron.com</a></td>
</tr>
<tr>
<td>Company Affiliation</td>
<td>Chevron</td>
</tr>
<tr>
<td>Job Title</td>
<td>Senior Facilities Engineer</td>
</tr>
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</table>

Brief Work History

34 years’ experience with Getty / Texaco / Chevron. During my career, I have had assignments in Reservoir Engineering, Production Engineering, and various aspects of Facilities Engineering. Since 1996, I have been part of Texaco’s, then Chevron’s, technology department. I am part of an international technology support group based here in Bakersfield. My current work assignment focuses on the measurement and control of steam in large steamfloods, and on water treatment technology opportunities.

SPE & Petroleum Industry Contributions

I was the winner of the 2013 international “Projects, Facilities, and Construction Award”.


Candidate Synopsis

I have enjoyed the opportunity to serve on the SJV-SPE board this past year. I would be honored to do so again, if chosen.
2015 Election
San Joaquin Valley Section - Society of Petroleum Engineers

Nomination for: YP Liaison/Director

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<tr>
<td>Company Affiliation</td>
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<tr>
<td>Job Title</td>
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Brief Work History
- 2015-now Senior Reservoir Engineer - California Resources Corporation, Bakersfield
- 2012-2014 Reservoir Engineer Staff - Occidental Petroleum Corporation, Bakersfield
- 2010-2012 Research Assistant, Texas A&M University
- 2008-2010 Reservoir Engineer - Rosneft Oil Company, Moscow, Russia
- 2008 MWD/LWD Engineer, Baker Hughes INTEQ, Noyabrsk, West Siberia, Russia
- 2007 Well Test Engineer, Gazprom, Urengoy, West Siberia, Russia

SPE & Petroleum Industry Contributions
- I have been an active member of SPE since 2009
- 8+ Publications in three languages

Candidate Synopsis
I would like to contribute to knowledge base and knowledge sharing between different generations, disciplines and backgrounds to build up the skill set of members to overcome raising problems that oil and gas world is preparing for us in upcoming years. I hope to support SPE growth in any way I can. It would be a great pleasure and honor to be a part of the SJV SPE section team.
2015 Election

San Joaquin Valley Section - Society of Petroleum Engineers

Nomination for: Subsurface Chair or other

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<tbody>
<tr>
<td>Name:</td>
<td>Indar Singh</td>
</tr>
<tr>
<td>Phone:</td>
<td>661-665-5243</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:isingh@aeraenergy.com">isingh@aeraenergy.com</a></td>
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<tr>
<td>Company Affiliation</td>
<td>Aera Energy LLC</td>
</tr>
<tr>
<td>Job Title</td>
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Brief Work History

Reservoir Engineer – Aera Energy 2009 to present

Surveillance of the Steam Flood in Belridge

Has worked in the Exploration group and currently in the Strategic Business group.

SPE & Petroleum Industry Contributions

Chair – Surface/Subsurface for 2014-2015 of the San Joaquin Valley Section.

Author of 1 SPE paper

Candidate Synopsis

Graduated from Colorado School of Mines with a BS and MS in Petroleum Engineering. Currently pursuing an MBA from Colorado State University- Fort Collins. 5 plus years working in the oil and gas industry.
2015 Election

San Joaquin Valley Section - Society of Petroleum Engineers

Nomination for: Board Member

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<tr>
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</thead>
<tbody>
<tr>
<td>Name:</td>
<td>Dave Susko</td>
</tr>
<tr>
<td>Phone:</td>
<td>661-342-0691</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:David.susko@bakerhughes.com">David.susko@bakerhughes.com</a></td>
</tr>
<tr>
<td>Company Affiliation</td>
<td>Baker Hughes</td>
</tr>
<tr>
<td>Job Title</td>
<td>Area Technical Manager</td>
</tr>
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</table>

**Brief Work History:** I started my career twenty years ago as a field engineer with BJ Services. I filled many engineering and supervisory roles for eleven years throughout the West Coast including the San Joaquin Valley, Los Angeles Basin, Offshore, and Alaska. I spent five years as an instructor and manager of the Engineering Training Group in Houston for BJ Services and Baker Hughes. For the last four years, I have been the West Coast Area Technical Manager for Baker Hughes Pressure Pumping.

**SPE & Petroleum Industry Contributions:**

- SPE 135361 Building Effective Training Models for Today’s Global Challenges
- 2015 SPE Western North American Region Award for Production and Operations
- Numerous outreach presentations on well stimulation given to regulators, students, teachers, and royalty owners

**Candidate Synopsis:** Our industry benefits from positive communication, both internally and externally. SPE SJV helps keep its own members connected and portrays a positive image to the general public. I enjoyed being part of this process in my first two years on the SJV board, and look forward to continuing our efforts.
2015 Election
San Joaquin Valley Section - Society of Petroleum Engineers

Nomination for: Young Professional Liaison/Chair

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<tbody>
<tr>
<td>Name:</td>
<td>CENK TEMIZEL</td>
</tr>
<tr>
<td>Phone:</td>
<td>650-3195742</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:CENKTEMIZEL@YAHOO.COM">CENKTEMIZEL@YAHOO.COM</a></td>
</tr>
<tr>
<td>Company Affiliation</td>
<td>Aera Energy</td>
</tr>
<tr>
<td>Job Title</td>
<td>RESERVOIR ENGINEER</td>
</tr>
</tbody>
</table>

Brief Work History

- 2013-present: Aera Energy
- 2007-2013: Reservoir Engineer – Simulation/Smart Fields - Halliburton/Landmark – Houston & Kuwait
- 2005-2006: Research Assistant, Heavy Oil Group, Stanford University
- 2003-2005: Teaching Assistant, USC

SPE & Petroleum Industry Contributions

- SPE SJV YP Chair – 2014-present
- US Patent 13562440 - Methods and Systems related to Hydrocarbon Recovery Strategy Development
- “Stimuli-Responsive Supramolecular Assemblies as Displacement Fluids in EOR” - 2nd place - Society of Petroleum Engineers Global R&D Competition - 2014
- 10+ SPE/GEO/OTC Publications

Candidate Synopsis

I would like to contribute to the knowledge exchange between younger and more senior generations of our industry to help overcome the huge generation gap and at the same time learn from the senior and junior people we gather with.
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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<th>Rate, $ / Month</th>
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Advertising Order Form:

Ad Size
One Month Cost
# Months Run
TOTAL Due:

Start Date: 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:

David Susko, SPE Board Member
Baker Hughes

Please note:
SUPPORT THE SJV SPE NEWSLETTER BY PURCHASING ADVERTISING SPACE
MONTHLY NEWSLETTER DISTRIBUTED TO THE SAN JOAQUIN VALLEY SECTION MEMBERS FREE OF CHARGE. A PDF OF THE NEWSLETTER IS POSTED TO THE WEBSITE.
Rates start at only $25/month.
E-mail the SJV SPE Newsletter Editors for more info at Mojtaba_Ardali@oxy.com