



San Joaquin Valley Section

# SJV SPE News

*San Joaquin Valley Section Society of Petroleum Engineers*



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<http://connect.spe.org/SJV/>



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## From the Chair, Pamela Willis, Aera Energy

[ptwillis@aeraenergy.com](mailto:ptwillis@aeraenergy.com)

Happy New Year! If time got away from you at the end of 2015, you can still renew your SPE membership. If you have been affected by the fluctuating oil prices you may be eligible for a dues waiver, email [service@spe.org](mailto:service@spe.org) for fee waiver request.

To stay up to date for the Western Regional Meeting go to <http://www.spewrm.org/> and subscribe for updates. The Alaska Section has decided to limit the email blast for the WRM. The majority of the updates will appear in the upcoming newsletters. If your abstract was selected, please obtain all required permissions from your company before the 2016 WRM so that you are able to present. If you are unable to present, please give the WRM committee plenty of notice so that alternates may be notified.

Award nominations are open and can be submitted on line. The deadline for nominations is February 15, 2016. If you would like to make certain that your candidate hasn't already received an award in the category you would like to nominate him/her, please contact Blythe Johnson, Chevron, she can research that information for you. Let's have a strong showing of nominations from the San Joaquin Valley Section.

Remember to work safely,

**Pam Willis**





## Distinguished Lecturer Program

### SPEAKER



Anil Ambastha has 27 years of experience in various facets of oil and gas reservoir engineering, including applied reservoir simulation, pressure transient analysis, waterflooding, and thermal recovery, since his Ph.D. in petroleum engineering from Stanford University. He has worked in six countries and currently serves as "Reservoir Characterization Section Lead" at Chevron Nigeria Limited. Past employers have been Oil and Natural Gas Commission, the University of Alberta, Shell Canada Limited and Phillips Petroleum Company. He also served as an Executive Editor of SPE Reservoir Evaluation and Engineering journal (Reservoir Engineering side) from 2008-2011 and as principal editor of 2-volume SPE reprint series No. 61 on "Heavy Oil Recovery". He is a winner of three SPE International Awards (Lester Uren Technical Excellence, Distinguished Member, and Distinguished Service), seven "Outstanding Technical Editor" Awards, and "A Peer Apart" Award.

### TOPIC: "Uncertainty Assessment Using Reservoir Simulation Models"

Uncertainty assessment using reservoir simulation models for green- and brown-field situations has become a common practice. While capturing uncertainties in forecasts is required in all situations, developing multiple history-matched models is also an important goal for brownfield situations. **Objective of this talk is to provide systematic and practical guidelines for uncertainty assessment work using reservoir simulation models.** This talk discusses steps involved in any uncertainty assessment including selection of uncertain parameters and their ranges, practical experimental design methods, appropriate response or tracking functions (or variables), and data analysis techniques. Guidelines are provided to judge "quality of history match" based on prudent interpretation of response or tracking functions/variables. A Monte Carlo simulation-based methodology to develop multiple history-matched models for brownfield situations is presented in detail including practical tips on problem setup and analysis of results. Unique nature of uncertainties related to forecasting situations is discussed with an emphasis on a need to engage all operational and facilities personnel to develop adequate forecast problem description. Guidelines presented in this talk are illustrated using a case study example. Practical tips presented in this talk would be of use to all earth science and petroleum engineering professionals, including reservoir simulation engineers, involved in uncertainty assessments. However, one must always remember one thing - no matter how careful we are, we cannot assess the impact of unidentified uncertainty.

#### **Date: Tuesday, January 12th, at 11:30 a.m.**

Location: Petroleum Club, 12th floor, 5060 California Avenue, Bakersfield  
Please RSVP by 12 PM Monday, January 11th, 2015

*Using one of these options:*

Paypal account where you can use your Visa, Mastercard, American Express, Discover, or Paypal Account

Members \$25

[https://www.paypal.com/cgi-bin/webscr?cmd=\\_s-xclick&hosted\\_button\\_id=E4QZSGXZD5P9Q](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=E4QZSGXZD5P9Q)

Non-Members \$30

[https://www.paypal.com/cgi-bin/webscr?cmd=\\_s-xclick&hosted\\_button\\_id=GS6WVRTDDK3M6](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=GS6WVRTDDK3M6)

Students: Free with RSVP, no-shows may be billed

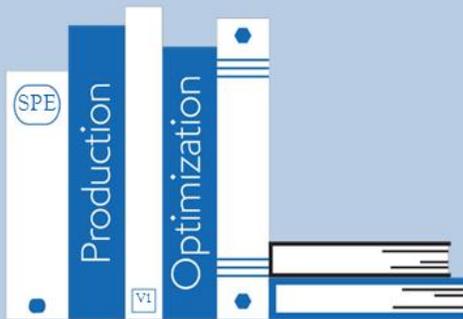
Day of event: Members \$30, Non-Members: \$35

*Walk-ins and attendees with email/phone RSVP must pay by cash or credit card at the door.*

*Please RSVP to Gihan Abeidi, [GAbeidi@slb.com](mailto:GAbeidi@slb.com) or 661-864-4718*

# LOOKING

for speakers - SPE Surface & Subsurface Study Groups:



**Are you a subject matter expert? OR Have you recently published a SPE paper? SPE wants you to present your interesting topic to our study groups which are held during lunch the second week of the month.**



**Society of Petroleum Engineers**



San Joaquin Valley Section

## Step on the gas: Australia's rapid rise to the world's largest LNG exporter

*Sponsored by SJV-SPE Young Professionals*

Speaker: Grant Clements, Reservoir Engineering Advisor, California Resources Corporation

Date: Tuesday, January 19th, 2015 @ 11:30 AM

Location: 5060 California Ave, Bakersfield, CA 93309

Cost: With online payment or RSVP: \$25 members, \$30 non-members  
Walk-ins: \$30 members, \$35 non-members

Reservations: RSVP by Friday January, 15th, using one of the three options:

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

[PayPal Link for SPE Members - \\$25](#)

[PayPal Link for Non-SPE Members - \\$30](#)

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

### Members

[https://www.paypal.com/cgi-bin/webscr?cmd=\\_s-xclick&hosted\\_button\\_id=3D3XUG55ECEZC](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=3D3XUG55ECEZC)

### Non-Members

[https://www.paypal.com/cgi-bin/webscr?cmd=\\_s-xclick&hosted\\_button\\_id=99Z9T323QB8K8](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=99Z9T323QB8K8)

OR contact Roman Omelchenko at [roman.omelchenko@crc.com](mailto:roman.omelchenko@crc.com) , or (661) 869-8244.

After Friday, January 15<sup>th</sup> PayPal will be disabled and RSVP's will be required to pay the Walk-in fee at the event. 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:

Step on the gas – Australia's rapid rise to the world's largest LNG exporter". This topic will cover the projects and markets involved in Australia more than quadrupling LNG exports in less than 10 years which now has that country poised to overtake Qatar as the leading exporter of LNG in the world. From giant offshore gas fields to coalbed methane and soon floating LNG, a complicated supply chain is taking advantage of booming Asian demand, but also dealing with widespread cost overruns and the price impacts of linking a domestic market to international trade. Will this provide the same benefits to Australia as the 'Shale Boom' in the US? Can the US also take advantage of the LNG export market, and what are some of the barriers that need to be overcome?

### SPEAKER:

**Grant Clements** is the Reservoir Engineering Advisor at California Resources Corporation, and has worked for 9 years on a variety of projects in Australia, Papua New Guinea and the US, including mega-projects Gorgon and PNG LNG (ExxonMobil) and one of the world's first coalbed methane to LNG projects in Queensland, Australia (Santos). He has worked primarily as a reservoir engineer and has also had several roles in corporate planning and spent time working at an onshore gas facility. He specializes in development planning and petroleum economics and possesses a Bachelor of Engineering (Chemical) degree from the University of Queensland in 2006. SPE member since 2004.



## Announcing the SPE SJV Section Monthly Networking Bash

**Sponsored by:**



**Thursday, January 28, 2016  
5:30 to 7:30 pm  
at**

**Legthwise Brewery “The Pub” Northwest  
2900 Calloway**

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 longtime colleague.

Non-members guests are always welcome to attend.

**RSVP to Dave Susko @ [david.susko@bakerhughes.com](mailto:david.susko@bakerhughes.com)  
or 661-342-0691**

## **SPE December Toy Drive — Thank You**

The annual Great Toy Drive event at Networking bash took place on Thursday, December 10, 2015 to benefit children at Bakersfield Homeless center. Approximately 35 people participated. This year, there were ~20 toys and cash (\$88) donated. We would like to say thank you to everybody who participated in the toy drive and our sponsors WZI inc. for providing great raffle prizes. A gift of toys, games & activity supplies will make a big difference to children and families spending time in the Bakersfield Homeless center, especially during the holidays. We can't imagine the joy that was felt by all the children that we will receive these gifts. This is what the holidays are all about. Thank you all so much for participation.

## Short course: Advanced monitoring of micro-seismicity and application to reservoir characterization and fracture growth

Dr. Thomas H.W. Goebel, *California Institute of Technology*<sup>1</sup>

**Date:** January 26, 2016 (8:00 am to 4:00 pm)

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

### 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 price of this course is \$500 per person for professionals and \$400 per person for students. Morning and afternoon snacks, cold and hot drinks, and a light lunch is included.

### PayPal Links:

**Professionals:** [https://www.paypal.com/cgi-bin/webscr?cmd=\\_s-xclick&hosted\\_button\\_id=G9RJ8F4852RRG](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=G9RJ8F4852RRG)

**Students:** [https://www.paypal.com/cgi-bin/webscr?cmd=\\_s-xclick&hosted\\_button\\_id=PU6U8EC9T5MPU](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=PU6U8EC9T5MPU)

### Main course topics:

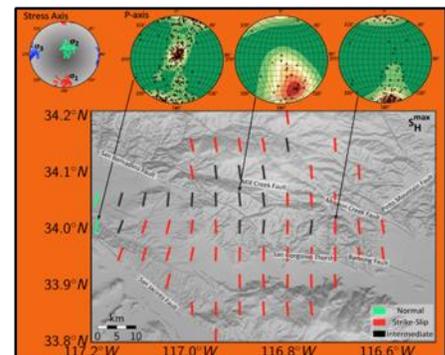
- Introduce state-of-the-art methods for the analysis of micro-seismicity catalogs (fractal dimension, b-value, cluster analysis, inter-event times etc.)
- Seismicity-based characterization of fracture initiation and growth
- Determine local stress orientations from seismic data
- Hands-on exercises and practical training

This one-day course provides the knowledge and tools to analyze seismicity data in a reservoir environment and to understand benefits and limitations of different analysis methods. We will start by exploring some basic theoretical concepts required to understand seismic source processes. We will then discuss various methods for the creation and analysis of seismicity catalogs, invert for hypocenter locations, focal mechanisms and stress orientations and interpret results with respect to expected fracture growth. Lastly, we will explore in detail how micro-seismicity monitoring can be used to accurately describe reservoir properties and monitor hydraulic fracturing.

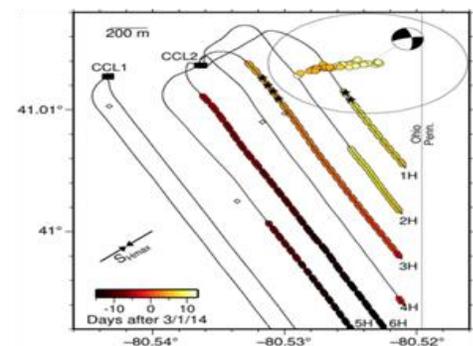
**Targeted audience:** engineers, technicians and scientists with interest in seismicity analysis and reservoir characterization

**Prerequisites:** no specific background is required but some knowledge of source seismology, basic programming skills and familiarity with MATLAB are beneficial

**Structure:** The course will include three main parts: The first part will provide a brief overview of earthquake source theory and basic seismological analysis. The second part will focus on hands-on catalog creation, phase picking, beam forming and travel time inversions. The third part will focus on advanced seismicity catalog analysis in a reservoir environment. Several problem sets will be discussed throughout the course. The solution of the problem-sets will provide the attendees with useful MATLAB codes for seismological analyses that can be extended for future application to seismic data recorded during injection operations. The main emphasis of the course will be on applying the introduced methods to actual reservoir data.



Stress tensor inversion



Seismicity during hydraulic fracturing

### For details and questions contact:

Mojtaba Ardali: [mojtaba.ardali@crc.com](mailto:mojtaba.ardali@crc.com)

Thomas Goebel: [tgoebel@gps.caltech.edu](mailto:tgoebel@gps.caltech.edu)

[www.gps.caltech.edu/~tgoebel](http://www.gps.caltech.edu/~tgoebel)

<sup>1</sup>Now at University of California Santa Cruz

## HEAVY OIL RECOVERY BY HOT FLUID INJECTION METHODS

Dr. Berna Hascakir , *Texas A&M University*



**Date:** February 3-4, 2016, (8:00 am to 4:00 pm)

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

**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 price

of this course is \$1,150 per person. Morning and afternoon snacks, cold and hot drinks, and a light lunch is included.

**PayPal Link:**

**Register :** [https://www.paypal.com/cgi-bin/webscr?cmd=\\_s-xclick&hosted\\_button\\_id=C8BVER93G9RQG](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=C8BVER93G9RQG)

**Questions:** Contact Reza Ardali [Mojtaba.Ardali@crc.com](mailto:Mojtaba.Ardali@crc.com) (661-412-5221), or Indar Singh [ISingh@aeraenergy.com](mailto:ISingh@aeraenergy.com) (661-665-5243).

**Description:** This course is designed to teach the hot fluid injection methods for the extraction of low API gravity and high viscosity reservoir fluids such as heavy oil, extra-heavy oil, and bitumen. The displacement mechanisms, performance prediction calculations, and field design of each process will be discussed in details and important field examples will be provided.

**Topics to Include:** (a) Introduction; concepts and definitions; (b) Hot Water Drives; (c) Steam Drives; (d) Cyclic Steam Injection; (e) Steam Assisted Gravity Drainage (SAGD); (f) Solvent-Steam processes to mitigate the environmental issues of steam generation; (g) Possible flow assurance problems; emulsion formation and asphaltene precipitation

**Learning Level:** Intermediate

**Course Length:** 2 days

**Why to Attend?:** The world's heavy oil, extra-heavy oil, and bitumen resources are vast. To meet future oil demand, it is essential to gain knowledge on thermal enhanced oil recovery (EOR) mechanisms to extract effectively these vast resources. This lecture will provide important concepts on how to implement hot fluid injection methods in the field scale. Both pore-scale and volumetric-scale displacement mechanisms will be discussed and all important parameters for the field application will be reviewed. By the end of this lecture, students will be able to design any hot fluid injection method for a specific reservoir.

**Instructor:** Berna Hascakir is an assistant professor at Texas A&M University Petroleum Engineering Department. She is the director of Heavy Oil, Oil shales, Oil sands, & Carbonate Analysis and Recovery Methods (HOCAM) Research Group at Texas A&M University. HOCAM investigates the pore-scale displacement mechanism for steam, steam-solvent, and combustion processes for the recovery of high viscosity and low API gravity crude oils. She teaches Phase Behavior of Reservoir Fluids, Water flooding, Enhanced Oil Recovery, and Thermal Enhanced Oil Recovery classes to both undergraduate and graduate level students. Before joining the Texas A&M University, she served as a senior heavy oil reservoir engineer at Schlumberger in Venezuela, UK, and Colombia, and as an in-situ combustion consultant in Pacific Rubiales Energy. She has pursued postdoctoral studies in the Energy Resources Engineering Department at Stanford University. She investigated the feasibility of in-situ combustion for Mexican, Venezuelan, and European heavy oils and investigated the relative permeability changes in temperature for cyclic steam injection into diatom reservoirs from California. She holds a PhD degree in Petroleum and Natural Gas Engineering from Middle East Technical University, Ankara, Turkey on heavy oil extraction with electrical and electromagnetic heating. Her BSc and MSc degrees are both from Environmental Engineering and involved experimental work on destabilization of colloids for water and wastewater treatment. She has more than 70 technical papers published in high quality conferences and journals and she is the receipt of International SPE Innovative Teaching Award in 2015.



## “Bachus Pump Course”

**Instructor:** Mr. Larry Bachus

**Date:** June 20-24<sup>th</sup>, 2016 (8:00 am to 5:00 pm)

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

**Announcement:**

SJV SPE is proudly sponsoring the – Bachus Pump Course. This is an intensive five day course which explains the design, operation, and maintenance of process pumps with emphasis on petroleum applications and pumps used in petroleum production and refining. Students should bring their laptops and a calculator to assist in the learning process.

**Questions:**

Please call Reza Ardali @ 661-412-5221 (office); 979-422-1251 (mobile) or e-mail mo-jtaba.ardali@crc.com if you have questions or need additional information.

**We offer great discounts for early registration and group registrations from the same organization:**

**Early Bird registration, Deadline: 2/28/2016**  
**\$1,650 per person: [Paypal link](#)**

[https://www.paypal.com/cgi-bin/webscr?cmd=s-xclick&hosted\\_button\\_id=PNCLBNTQYFM6L](https://www.paypal.com/cgi-bin/webscr?cmd=s-xclick&hosted_button_id=PNCLBNTQYFM6L)

**Group registration (2 or more), Deadline: 2/28/2016**  
**\$1,550 per person: [Paypal link](#)**

[https://www.paypal.com/cgi-bin/webscr?cmd=s-xclick&hosted\\_button\\_id=4JPYLKK32CYHY](https://www.paypal.com/cgi-bin/webscr?cmd=s-xclick&hosted_button_id=4JPYLKK32CYHY)

**Late registration, Deadline: 5/01/2016**  
**\$1,900 per person: [Paypal link](#)**

[https://www.paypal.com/cgi-bin/webscr?cmd=s-xclick&hosted\\_button\\_id=3RGTGFJLV88H4](https://www.paypal.com/cgi-bin/webscr?cmd=s-xclick&hosted_button_id=3RGTGFJLV88H4)

**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 (above). The course is limited to 50 students. The text book “Everything You Need to Know about Pumps” is included with the course. Lunch and beverages are included.

**Target Audience:**

Facility Engineers, Facility Engineering Supervisors, Construction Engineers, operational personnel, supervision, Piping engineers, designers Project Engineers, Project managers, and anyone whom would like a better understanding of pumps.

**Course Outline:**

- |   |  |
|---|--|
| 1) Pump Principles                      | 10) Pump and Motor Alignment             |
| 2) NPSH, Net Positive Suction Head      | 11) Pump Bearings & Care                 |
| 3) Cavitation- Types- Prevention        | 12) Pump Shaft Packing                   |
| 4) The Affinity Laws                    | 13) Mechanical Seals                     |
| 5) Useful Work and Pump Efficiency      | 14) Failure Analysis of Mechanical Seals |
| 6) Pump Classification – Types of Pumps | 15) Common Sense Failure Analysis        |
| 7) Understanding Pump Curves            | 16) Avoiding Wear in Centrifugal Pumps   |
| 8) The “Pumping” system curve           | 17) Proper Fluid Piping                  |

## “Bachus Pump Course”

### Instructors Biography:

Mr. Larry Bachus has over 40-years of experience working with Industrial Pumps, including almost 20-years dedicated to refinery pumps. His areas of expertise include the design selection, operation, and maintenance of petroleum process pumps.

For many years, Larry operated his own pump rebuild/repair facility where he serviced pumps for Gulf, Sunoco, Hess, Mobil, Esso, Shell DuPont and PDVSA. Today, Larry travels the world as mentor-trainer to global refiners SASOL, PETRONAS Petroleum, ECOPETROL de Colombia, Chevron Nigeria, Chevron South Africa, SAPREF and India Oil. He is instrumental in drastically improving the service time (MTBF) of industrial pumps.

Larry has authored many “pump” articles and papers. He has authored two books “Know and Understand Centrifugal Pumps” and “Everything you need to Know about Pumps”. Larry wrote the second book in English and Spanish at the same time.

Larry has a certificate in Maintenance Management from the University of Alabama, and is currently working on a Master’s Degree at Middle Tennessee State University. Larry is a U.S. Navy veteran and is CEO of Bachus Company, Inc. Larry is known worldwide as “The Pump Guy”.



## “Introduction to API Storage Tank Standards”

**Instructor: Mr. John Cornell**

**Date: October 25-27, 2016**  
8:00 am to 4:00 pm

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

**Announcement:**

SJV SPE is proudly sponsoring the – “Overview of API Steel Storage Tank Standards”. This is an intensive three day course which is designed for petroleum industry personnel, Facility Engineers, Project Engineers and Managers, suppliers, engineering firms, and operating personnel and contractors responsible for the design, construction, inspection, maintenance, regulatory, compliance, or operation of both large and small above ground storage tanks.

**Questions:**

Please call Reza Ardali @ 661-412-5221 (office); 979-422-1251 (mobile) or e-mail [mojtaba.ardali@crc.com](mailto:mojtaba.ardali@crc.com) if you have questions or need additional information.

*Laptops are not required, and are discouraged during class.*

**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 price of this course for SPE members and non - members is \$ 1,510 per person. Morning and afternoon snacks, cold and hot drinks, and a light lunch is included,

**PayPal Link:** [https://www.paypal.com/cgi-bin/webscr?cmd=\\_s-xclick&hosted\\_button\\_id=HUHPLBY4ANQHC](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=HUHPLBY4ANQHC)

**Instructor Biography:**

Mr. John Cornell is a Senior Tank Specialist for and owner of H.I.R. Technical Services which is a well-recognized tank consulting firm for storage tank design , fabrication, construction, inspection, and repair.

He is currently an Official contracted training provider for The American Petroleum Institute worldwide and has been offering tank training courses on standards such as but not limited to API-620, API-650, and API-653 for many years.

Mr. Cornell has worked for several suppliers of both internal and external floating roofs and is now considered to be an expert on floating roof systems of all design.

Mr. Cornell discovered a gap in the training that was currently available to tank owners so he has assembled and now offers “The Advanced Tank Training” course which is intended to increase the knowledge of tank owners.

Mr. Cornell is The Senior Training Provider for The USDOT for PHSMA as relating to Large Breakout tanks. Mr. Cornell is also an API-653 Certified Tank Inspector

**Target Audience:**

Facility Engineers, Facility Engineering Supervisors, Construction Engineers, Operational personnel, Supervision, Piping engineers, Contractors, Suppliers, designers, Project Engineers, Project managers, and anyone whom would like a better understanding Refining and Production Tanks.

**Course Outline:**

Day One: Large Atmospheric Tanks (API-650) – New Storage Tank Basics covering the choice of Materials, Design calculations, Fabrication and shop activities, Field Construction methodologies. Related topics include, Shell thickness calculations, floor plate layout and nomenclature, Optional tank designs for smaller tanks, Foundation design including a discussion regarding leak detection and containment, Nameplates, and etc.

Day two: Inspection and Repair of Existing Tank Evaluation (API-653) – Review of previous tank failures and their causes such as but not limited to Brittle fracture and Corrosion. A discussion of Inspection drivers and considerations, Inspection types and schedules, Critical zone welding limitations, Lap-patch placement and size limitations for both the bottom and shell, Safety concerns around tanks, and etc.

Day three: Production Site Tanks (API -12F -12B) New Tank Materials, Design, Fabrication and site installation. Also, (API-12R1), Inspection requirements of field production tanks. Topics include but are not limited to: Design thickness, Internal Inspections, External Inspection, Visual Inspections, Remaining Life Calculations and many more.



United States Department of the Interior  
Bureau of Land Management  
Bakersfield Field Office  
3801 Pegasus Drive  
Bakersfield, California 93308-6837  
[www.ca.blm.gov/bakersfield](http://www.ca.blm.gov/bakersfield)



To: All Federal Oil and Gas Operators

Re: Seminar for Federal Oil and Gas Operators

BLM is planning its seventh daylong seminar for all Federal Operators on Wednesday, February 3, 2016, at Aera Energy's Bakersfield Office located at 10000 Ming Ave. The purpose of the seminar is to provide an update for federal operators on their responsibilities on federal leases and information on permitting, leasing, assignments/transfers, bonding, field operations, commingling, environmental and idle well requirements and many other items of importance.

Cost of this all day seminar will be \$50 per person, which includes all handouts, snacks, and lunch. The seminar begins at 7:45 a.m. and will be finished by 4:00 p.m., after which BLM staff will remain to discuss and answer questions one-on-one in a more informal setting. To confirm your reservation, please send your check with a list of those who will attend by January 8, 2016.

Make checks payable to USDI- BLM and mail to:

Attn: Wanda Oats  
Bureau of Land Management  
3801 Pegasus Dr.  
Bakersfield, CA 93308

Please include your name, phone number, and "BLM Operator Seminar" on your check. Also, please include email contact information for all those who are registering. This will enable us to provide more detailed last minute updates in a timely fashion.

If you wish to register after January 8, please call Ms. Wanda Oats at (661) 391-6132 to see if there is space remaining for late registration. For questions, please call Jeff Prude at (661) 391-6140 or John Hodge at (661) 391-6020.

This program will benefit everyone who operates on BLM land or is involved in any way in the permit process, including engineers, landmen, drilling personnel, production accountants, permit technicians, field technicians, contractors, and surface owners. BLM staff will be present to answer questions during breaks and afterwards. We strongly encourage all operators and contractors who work on BLM projects to attend. A draft agenda is attached – a final agenda will follow.

Seating may be limited, so register early. If there are others in your company who you think would benefit from this seminar, please pass this invitation on. We hope to see you there!

## Seminar for Federal Oil and Gas Operators

Presented by the

Bureau of Land Management at

Aera Energy LLC Bakersfield

10000 Ming Avenue

Bakersfield, California 93311

8:15 a.m. - 3:45 p.m., February 3, 2016

## Draft Agenda

	Start
Registration	7:45-8:15 a.m.
Welcome & Housekeeping	8:30
Overview	8:40
Electronic Permitting	8:50
Application Processing	
APDs	9:00
Sundries	9:20
Environmental Requirements (NEW)	9:35
Break	10:00
Commingleing (NEW)	10:15
Venting and Flaring (NEW)	10:25
Idle/ Orphan Well program	10:35
Inspection & Enforcement	10:45
Compliance (WOs & INCs)	10:55
Spill report	11:05
Onshore Orders	11:25
Operations	11:35
PARs	
Safety & H2S	
Site Security	
Environmental (NEW)	11:45
LUNCH	12:00
Leasing	12:55 p.m.
Assignments	1:10
Transfers & Bonds	
Bond Reviews (NEW)	
Geophysical	1:30
Rights-of-Way	1:40
Cultural & Paleontological Resources (NEW)	1:55
Biological Resources	2:10
Break	2:25
Restoration (NEW)	2:40
Best Management Practices (BMPs)	2:55
Online Information	3:10
HF Rules (New)	3:25
MOU with CDOGGR	3:35
Conclude - (evaluations)	3:45 p.m.

#Agenda subject to change#

## SJV SPE Board of Directors 2015- 2016

<b>POSITION</b>	<b>NAME</b>	<b>COMPANY</b>	<b>PHONE</b>	<b>E-MAIL</b>
<b>Section Chair</b>	Pamela Willis	Aera Energy LLC	(661) 869-5790	PTWillis@aeraenergy.com
<b>Program</b>	Keith Kostelnik	California Resources Corp.	(661) 412-5427	Keith.Kostelnik@crc.com
<b>Secretary</b>	Rakesh Trehan	California Resources Corp.	(661) 529-4272	Rakesh.Trehan@crc.com
<b>Treasurer</b>	Jeff Kim	California Resources Corp.	(661) 412-5507	Jeff.kim@crc.com
<b>Membership</b>	Tom Hampton	Aera Energy LLC	(661) 665-5227	TJHampton@aeraenergy.com
<b>Surface Study Group</b>	Allison Escovedo	E&B Resources	(661) 699-3690	aescovedo@ebresources.com
<b>Sub-Surface Study Group</b>	Gihan Abeidi	Schlumberger	(661) 864-4718	GAbeidi@slb.com
<b>Newsletter Editor</b>	Craig Pauley	Chevron	(661) 391-4360	CraigPauley@chevron.com
<b>Website Administration</b>	Patrick Niebuhr	Halliburton	(661) 391-1920	Patrick.niebuhr@halliburton.com
<b>Continuing Education Program</b>	Mojtaba (Reza) Ardali	California Resources Corp.	(661) 412-5221	Mojtaba.Ardali@crc.com
<b>Continuing Education Arrangements</b>	Indar Singh	Aera Energy LLC	(661) 665-5243	ISingh@aeraenergy.com
<b>Activities</b>	David Susko	Baker Hughes	(661) 336-3408	David.Susko@bakerhughes.com
<b>Community Outreach Education</b>	Jared Paddock	Chevron	661) 654-7945	Jared.Paddock@gmail.com
<b>Young Professionals Liaison</b>	Roman Omelchenko	California Resources Corp.	(979) 739-6469	Roman.Omelchenko@crc.com
<b>Award Nominations</b>	Blythe Johnson	Chevron	(661) 281-5713	BlytheJohnson@chevron.com
<b>Western NA Regional Director</b>	Andrei Popa	Chevron	(661) 654-7187	AndreiPopa@chevron.com
<b>Student Chapter Faculty Advisor</b>	Dayanand Saini	CSUB	(661) 654-2845	dsaini@csub.edu
<b>Student Chapter President</b>	Luckhbir Kooner	CSUB	(661) 808-7640	csub.spe@outlook.com

## Joining Society of Petroleum Engineers, SPE



SJV SPE Website - <http://sjv.spe.org/home> and Facebook Page - [www.facebook.com/SPESJV](http://www.facebook.com/SPESJV)

### SJV SPE Members

#### Member Benefits

- Conference and Workshop Discounts – for technical knowledge and interaction
- SPE Bookstore and Magazines – Journal of Petroleum Technology (JPT)
- Technical Papers and Libraries – access to OnePetro, largest online technical library
- Career Advancement – Leadership and volunteer opportunities, Career Center for tools
- Purchases – discounts on insurance, car rental, Lands' End Business Outfitters
- Use Membership Icon in emails

Membership includes one SPE Local Section: San Joaquin Valley (SJV) Section of SPE, [sjv.spe.org](http://sjv.spe.org)

As a SJV SPE member, you will receive monthly [newsletters](#) and emails announcing upcoming events such as:

- General Section SPE Meeting,
- Sub-Surface and Surface Study Groups,
- Continuing Education,
- Annual Golf Tournament which raises money for scholarships,
- [Networking Bashes](#),
- Distinguished Lecturers,
- Community Outreach Programs with Annual Engineering Day (reaching 500+ High School students) and Scholarships.

SJV is a strong section with 800+ members, with a great [Board](#) that volunteer their time to make SJV SPE a wonderful section. Please contact one of the board members to volunteer in your area of interest! Also note, speakers are wanted to share their knowledge.

### How to Join?

Join online: [www.spe.org/join](http://www.spe.org/join)

**YouTube Video:** [https://www.youtube.com/How to Join SPE \(Professional Membership\)](https://www.youtube.com/How to Join SPE (Professional Membership))

Professional Membership Qualifications:

Employed in work related to petroleum industry AND have one of the following:

- University degree equivalent to 4-year Bachelors degree in engineering or basic or applied sciences
- 2-year science or engineering degree or a 4-year degree in a field other than science or engineering
- 6 years of active practice in support of petroleum engineering or in the application of science to the petroleum industry

Dues for United States are \$90/year membership + \$20 Entrance Fee

Former Member? Look at <http://www.spe.org/join/reinstate.php>.

Student? Look at <https://www.youtube.com/Student Membership>

**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:

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Contact Name:

Date of Request:

**Monthly Advertising Rates: (circle one)**

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

**Advertising Order Form:**

Ad Size

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One Month Cost

Paid in Full

# Months Run

TOTAL Due: \_\_\_\_\_

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*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)**

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Black & White Copy

Business Card

Diskette

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

**Craig Pauley, SPE Board Member  
Chevron**

**Craigpauley@chevron.com**

**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 [CraigPauley@Chevron.com](mailto:CraigPauley@Chevron.com)