



# SJV SPE News

San Joaquin Valley Section Society of Petroleum Engineers

Issue 289

March 2012

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connect.spe.org/SJV/  
Home/](http://connect.spe.org/SJV/Home/)

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Editor: Neil Malpiede

## March 8<sup>th</sup> 2012 General Section Meeting

**Register today and don't forget to invite a colleague**

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

### Topic: Naphthenates in the Oilfield

Speaker: Thomas Baugh, Principal Scientist, Conoco Phillips

Date: Thursday **March 08<sup>th</sup>, 2012** @ 11:30 AM

Location: The Petroleum Club, **2<sup>nd</sup> Floor** 5060 California Avenue, Bakersfield

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

Reservation: RSVP by **Tuesday morning March 06<sup>th</sup>**, using one of three options:

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

[PayPal Link for SPE Members - \\$20](#)

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

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

#### Members

[https://www.paypal.com/cgi-bin/webscr?cmd=\\_s-xclick&hosted\\_button\\_id=R24X59GTLHCLY](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=R24X59GTLHCLY)

#### Non Members

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OR

Email: [Max\\_Solanki@Oxy.com](mailto:Max_Solanki@Oxy.com)

Call 661-412-5194

Walk-ins and attendees with email/phone RSVP must pay by cash or check at the door. Sorry, no credit cards accepted at the door. RSVP no shows may be billed.

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

## The San Joaquin Valley Section SPE General Section Meeting (cont'd)

### Naphthenates in the Oilfield

Thomas Baugh—Principal Scientist  
Conoco Phillips

#### ABSTRACT:

Oil and water separation problems are pervasive in production and can cost millions in unplanned shut-downs, lost production revenue, and environmental exposure. This lecture will generally describe the flow assurance challenges in oil / water separation faced by the industry. In the last fifteen years, naphthenate induced issues, both emulsion and solids deposition have surfaced as the industry produces acidic and heavy crudes. This lecture will provide an introduction to oil/water separation issues and the flow assurance problems associated with naphthenates. Naphthenic acids, naturally occurring organic acids in crude oil, are responsible for a number of production problems and corrosion in refining. In oil production, these acids are responsible for oil and water separation issues, specifically difficult emulsions, high oil in water, and solid deposition in topside equipment. The emulsion forming tendencies lead to both off spec product oil and produced water. Solids deposition can cause unexpected shutdown of oil production due to clogged topside equipment, separators and hydrocyclones for example, costing millions in lost revenue from unplanned shutdowns and the costs of remediation and disposal of the removed deposit. It is critical to the understanding of these issues that the emulsion problems and the solids problems are caused by different types of naphthenic acids. In the context of oil/water separation issues, this lecture will introduce naphthenates, the problems they can cause, their treatment and treatment gaps. Industry and academia must continue their work in this area to understand the mechanisms of fouling to provide the industry with the tools for flow assurance in the fight against naphthenate induced fouling.

#### SPEAKER:

Thomas D. Baugh is currently employed by ConocoPhillips, heading the water group of Fluids Technology within the Production Assurance Technology group. Dr. Baugh received his Bachelor of Science degree in chemistry at California State University at San Bernardino. He then went to the University of Florida (Gainesville) where he received his Ph. D. in organic chemistry under Dr. John Zoltewicz in the area of physical organic chemistry, specifically, mechanisms of substitution reactions of vitamin B1. After receiving his Ph. D. he went to work with Conoco Oil as an NMR spectroscopist in the Analytical Services group, expanding into the area of general organic and aqueous analysis. Over his career with ConocoPhillips, he has worked in such diverse areas as Aniline production chemistry, gold mining waste water remediation, and oil production and refining chemistries. As part of Production Assurance Technology, Tom focuses on flow issues related to emulsions, scale and naphthenates. The last ten years has seen a focus in the area of production assurance and naphthenate chemistry including the landmark paper on the nature of the tetraacid responsible for calcium naphthenate deposition.



San Joaquin Valley Section

## From the Chair

Well here we are. The month of March and the BIG EVENT getting ready to happen. By the time you read this it will be just a couple weeks away till the 2012 Western Regional Meeting happens right here in Bakersfield, and our SPE Golf tournament is played. With the amount of front work that has gone into both of these major events, they are bound to be the best ever held.



The exhibitor turnout for the Regional was so large this year that we had to expand the amount of booths available. It will be set up on the floor of the convention center where the original ice rink was that hosted the Bakersfield Fog. The evening events that have been organized are going to be a great opportunity for some fun socializing, and the “meat” of the conference, the technical papers, look exceptional and very applicable to the challenges we face here in the San Joaquin Valley.

Our golf tournament at Sundale Country Club is already on the brink of breaking last year’s record in terms of funds raised for our scholarships, and we even lowered the entry fee from last year’s \$125 to \$100. We have our much appreciated sponsors (to date) to thank for this, and I have included their logos in this newsletter for everyone to see, and thank, if you see someone from that particular company. Without these sponsors, our scholarship efforts to give as much as \$ 40,000 back to our local students would not be possible.

And on a closing note while we are talking about students, what a great turnout and event we had at CSUB for Engineering Day. More than 575 senior high school students from all local high schools attended this event and were exposed to all sorts of engineering disciplines by various speakers and company sponsored booths. I won’t steal all of the thunder that I am sure the committee that worked so hard on this will convey in a report either in this or the next newsletter, but I do want to thank Pamela Willis with WZI, Blythe Miron with AERA, and Tara Butler with ENOVA for putting such a successful event together.

Until Next Month,

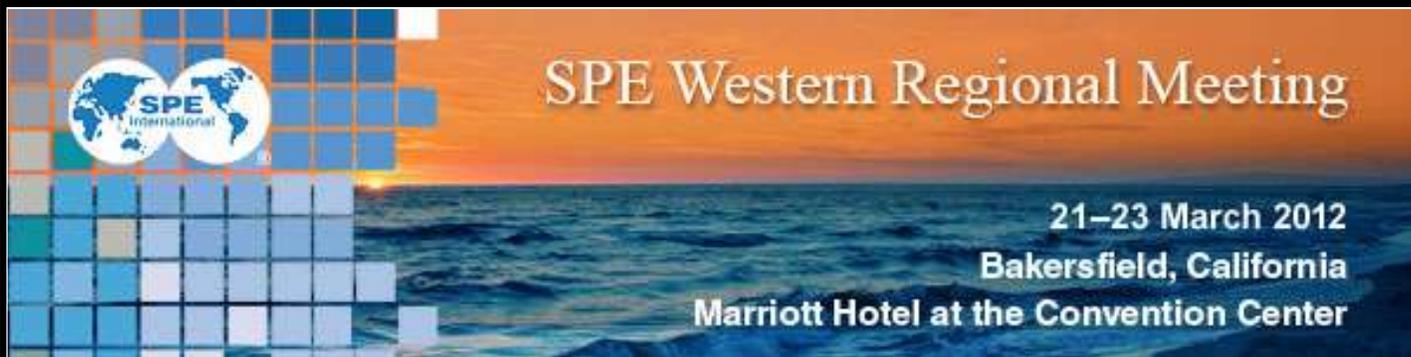
**Larry Miller** – 2011-12 SJV SPE Chairman

## Tribute to Casper Zublin

It is with great sorrow we relate the passing of Casper Zublin on February 18, 2012. I know I speak for all of us who knew Casper that he was a very dear and talented man who was never without a kind word and uplifting countenance. Casper was a true professional, dedicated to his last day to furthering relationships within our industry. Casper lived with determination and dedication to his last day. He will be missed by all who knew him.

Please help us to compile a tribute to Casper in the form of a Memory Book to be presented to the Zublin family. Your thoughts, memories and stories of any length about Casper can be emailed (prior to Tuesday, March 14) to [LizM@CannonCorp.us](mailto:LizM@CannonCorp.us). If you have any questions, please contact Liz at 805.544.7407.





The [SPE Western Regional Meeting](#) is a must for both engineers and non-engineers in the industry. With a focus on the integration of multiple high-end technologies with the dense well operations that exist in the Western region, there's something for everyone.

[Register now](#) for this event, to be held **21–23 March** in Bakersfield, California, and learn about these exciting topics and more! Registration discounts are available through **5 March**.

### What's new?

This year's meeting has an expanded focus on smart fields and artificial intelligence (AI). Speakers will also discuss advanced technologies and practical application techniques associated with AI will be discussed.

### Program highlights

- Reservoir engineering and characterization approaches and technologies
- Hydraulic fracturing and other stimulation methods for shale and diatomite
- Current topics, including thermal recovery, related to heavy oil

[Browse](#) the complete technical program online.

### Exciting speakers

- Keynote speaker **Tim Kustic** of the Department of Oil, Gas & Geothermal Resources from the Department of Conservation, will be featured at Wednesday's Welcome Luncheon;
- 2012 SPE President **Ganesh C. Thakur** will discuss "Opportunities and Expectations for the Future of SPE" at Thursday's Annual Regional Awards Luncheon.

### Training courses

Both one- and two-day training courses are available before the meeting. [Click here](#) to view or sign up for training courses.

### Special events

The SPE Western Regional Meeting also offers offsite events. You can:

- Enjoy a hockey game from an all-inclusive, on-the-ice suite
- Discover the historic Fox Theater with a night of appetizers, drinks and an award-winning movie
- Taste the California central coast with a day of wine tasting and lunch at a local winery

**Mark your calendars – We will see you in Bakersfield!**



Visit us on  
Facebook

#### Quick Links

[Registration](#)

[Schedule](#)

[Technical Program](#)

[Training Courses](#)

[Travel & Accommodations](#)

# SPE Western Regional Meeting

21–23 March 2012  
Bakersfield, California  
Marriott Hotel at the Convention Center



## SPE Western Regional Meeting Training Courses

### 2-Day Courses, Monday–Tuesday, 19–20 March

#### Hydraulic Fracturing/Pressure Analysis

Instructor: **Mike Smith**

The basics of analyzing fracture pressure are the focus of this 2-day course, which includes design parameters that can be determined, and the uses and limitations of such analysis for on-site design. Sessions include real-world examples from a variety of wells, from tight gas and shale to high permeability, offshore, and frac-pack treatments. [More details »](#)

#### Oil and Gas Economics and Uncertainty

Instructor: **Rodney Schulz**

Participants will identify, evaluate, and quantify risk and uncertainty in every day oil and gas economic situations in this 2-day course. It reviews the development of pragmatic tools, methods, and understandings for professionals that are applicable to companies of all sizes. [More details »](#)

#### Modern Production Data Analysis for Unconventional Reservoirs

***Course dropped due to lack of an adequate number of students.***

Instructor: **David Anderson**

Learn how to critically assess data quality and perform qualitative diagnostics on well production data in this 2-day course. Participants will receive a comprehensive methodology for well performance analysis with specific focus on unconventional oil and gas and are encouraged to bring their own data, as time will be allotted to go through examples during class. **Laptops are required.** [More details »](#)

#### Questions:

Please call Terry L. Kloth @ 661- 321-4469 (office); 661- 858 -9631 (mobile) or e-mail [TLKB@pge.com](mailto:TLKB@pge.com) if you have questions or need additional information.

#### Payment & Registration:

Payment can be made at the SPE Western Regional Meeting Registration Page. The price of 2 day courses for SPE members and non - members is \$1,400 per person before March 5<sup>th</sup>. A morning and afternoon snack and cold and hot drinks are included. Please note lunch is not included in this price.

# SPE Western Regional Meeting

21–23 March 2012  
Bakersfield, California  
Marriott Hotel at the Convention Center



## SPE Western Regional Meeting Training Courses

### 1-Day Courses, Tuesday, 20 March

#### Horizontal Well Completions

Instructors: **Sudiptya Banerjee** and **Aaron Burton**

Navigating the challenges and options that exist in horizontal drilling is the focus of this 1-day course that also discusses strategy development for completing horizontal wells. Topics include cased-hole and open-hole configurations, either with or without sand control, and participants will learn the applications and dynamics of horizontal wells, including drill-in fluids, hole displacement, cementing, perforating, and stimulation. [More details »](#)

#### Artificial Lift

Instructor: **Rajan Chokshi**

Develop a solid foundation in all forms of lift with this 1-day course which also highlights the concepts of the selection process to maximize production and return on investment. Learn the advantages and disadvantages of each system, application considerations, and sample performance predictions. [More details »](#)

#### Streamline Simulation: Theory and Practice

Instructor: **Akhil Datta-Gupta**

This 1-day course features introductory and advanced concepts in streamline simulation and its applications. Featuring a review of theory of streamlines and streamtubes in multi-dimensions, this course also weighs the strengths and limitations of streamline modeling compared with finite difference simulation. **Laptops are required.** [More details »](#)

#### Questions:

Please call Terry L. Kloth @ 661- 321-4469 (office); 661- 858 -9631 (mobile) or e-mail [TLKB@pge.com](mailto:TLKB@pge.com) if you have questions or need additional information.

#### Payment & Registration:

Payment can be made at the SPE Western Regional Meeting Registration Page. The price of 1 day courses for SPE members and non - members is \$750 per person before March 5<sup>th</sup>. A morning and afternoon snack and cold and hot drinks are included. Please note lunch is not included in this price.

**RSVP & Registration Link:** <http://www.spe.org/events/wrm/2012/pages/general/registration.php>

In conjunction with the  
SPE Western Regional Meeting 2012

## SJV SPE hosts a Central Coast Wine Tour

Join us March 23, 2012 for a fun and interesting day at some of California's best Central Coast wineries.

Lunch will be served upon arrival at **Pear Valley Vineyards** set amid acres of grape vineyards. Dining will be available in both the indoor, air-conditioned dining room, featuring floor to ceiling windows, overlooking a valley of grapes or dine on the patio and enjoy the fresh California sea breeze. You will smell the oak wood barbecue pit as you exit the bus and the lunch crew will serve up New York strip steaks and grilled chicken. Your entrée will be served with Santa Maria style beans, salsa and freshly baked San Luis sourdough garlic bread. Green salad and pasta salad will also be served and a vegetarian lasagna can be pre-ordered if you wish. Beverages will include soft drinks, bottled water and iced-tea. Wine is available to purchase by the glass or by the bottle if you desire. The owners of this winery, Tom and Kathleen, will be available to answer your questions about the winery and the wines they produce.



After lunch, groups B and C will board their buses and depart to other wineries while Group A will remain at Pear Valley and begin sampling wine. Each group will rotate at 15 minutes after the hour, visiting a total of three wineries.



**Tobin James Cellars**, known as the absolute king of Central California wines, has some of the best red wine produced in California and features a gift shop with wine knick-knacks, apparel and even treats for the family pets. This tasting room has lively music playing and is more of an upbeat, non-stop party than most typical tasting rooms. The hand crafted wine service bars themselves are a sight to see at this location.

We will be visiting **Eberle Winery** on a very special day when the winery is actually going to be bottling wine. Guests will be served wine on an expansive patio overlooking the vineyards and winery operations. The tour guide will explain the bottling process while you taste on the patio, sitting in comfy patio lounge chairs, and enjoy the open air of the vineyards.



**Things to know before you go:** The tour will be divided into three groups (identified at the bottom of your ticket as Group A, Group B, Group C), please board the appropriate bus for your group. The weather at the central coast is unpredictable, so bring a jacket. Wear comfortable shoes as you will spend a lot of time on your feet belted up to the tasting bars. Light snacks and beverages will be provided on the bus.

**Brought to you by:**



**San Joaquin Valley Section**

**Friday March 23, 2012**

Departure: 9:30 AM

From Back parking lot of the Marriott Hotel & Convention Center

**Cost:** \$90.00 Per Person,

Tickets can be purchased at the Activities Booth at the SPE Western Regional Meeting on March 21 & 22 or online [here](#).

Must be over 21, ID required

In conjunction with the  
**2012 SPE Western Regional Meeting,**  
 SJV SPE is proud to present

## Hockey Night with the Condors!

Watch the Bakersfield Condors take on the Colorado Eagles while enjoying appetizers and refreshments in an exclusive on-the-ice suite at the Rabobank Arena.

**Wednesday March 21, 2012**  
**Tickets: \$35.00**



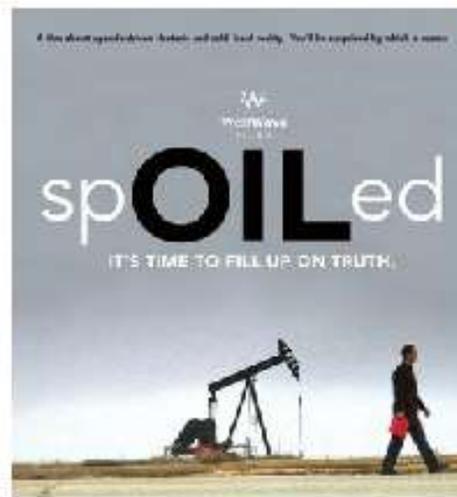
Doors open at 6:00PM, Puck drops at 7:00pm.  
 Pick up your tickets at the SPC WRM Activities booth or order online by clicking [here](#).

In conjunction with the  
**2012 SPE Western Regional Meeting, OXY**  
 is proud to sponsor the presentation of the film

## spoiled

Mingle with friends from the industry at the majestic Fox Theater, while enjoying your favorite movie refreshments. After the film Director Mark Mathis will be available for a Q&A Session with the audience.

**Thursday March 22, 2012**  
**Tickets: \$25.00**



Doors open at 6:15PM, Film starts at 7:00pm. Transportation available to the Fox at the front of the convention center every 5 min starting at 6:00pm. Pick up your tickets at the SPE WRM Activities booth or order online by clicking [here](#).





**Society of Petroleum Engineers  
2012 Western Regional Meeting  
Bakersfield, California  
March 19-23, 2012**

GENERAL CO-CHAIRS:

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(661) 654-7187  
[AndreiPopa@chevron.com](mailto:AndreiPopa@chevron.com)

Young Kirkwood - SPE  
(661) 303-7637  
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Pamela Willis - SPE  
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[pamelaw@wziinc.com](mailto:pamelaw@wziinc.com)

November 18, 2011

Dear Potential Exhibitor,

The Western Region – Society of Petroleum Engineers is holding a convention in Bakersfield, California, from March 19 – 23, 2012. This convention will provide petroleum professionals, students, and West Coast educators with opportunities to attend oral presentations, exhibits, posters, continuing education short courses, field trips, and symposia. Many presentations and posters will focus on topics specific to California's petroleum industry, as well as topics common to all western states. This year we are expecting 400-500 registrants and exhibitors.

I am pleased to announce the availability of exhibitor booth spaces for the 2012 convention, at the Marriott Hotel and Rabobank Convention Center. The meeting will bring together engineers from across the western states and beyond this meeting will provide an exciting opportunity for the exchange of ideas on a broad range of engineering topics. A robust technical program, blended with the wonderful networking, marketing, and socializing opportunities provided by the exhibition will make this a memorable conference. An Ice-breaker reception is scheduled in the Exhibition area from 6-8 PM on Tuesday, March 20<sup>th</sup> as well as socials each afternoon.

#### What Exhibiting Does For You

Your decision to exhibit at the 2012 Western Region SPE Meeting will expose your company's products and services to a concentrated group of industry managers and decision-makers. This is a great opportunity to introduce new products and services, acquire valuable new sales leads, interact directly with customers, and establish or solidify relationships with key buyers.

#### Your Exhibit Investment Includes

- Standard booth equipment: 8'x10' fabric display booths, consisting of 10' by 8' high back wall and two 3' high side dividers.
- 6' Skirted Table (one per exhibit space). Tables will have a vinyl top and fabric skirt.
- 500 Watt Electrical Service, including one duplex outlet per exhibit space
- Company recognition in the Conference Program
- Negotiated rates for housing at the Bakersfield Marriott Hotel
- Unique advertising and promotional opportunities
- Two complimentary exhibitor passes per exhibitor booth (full registration must be purchased for entry to technical sessions)
- Additional Services are available through the Contract Decorating Firm, and are billed directly to the exhibitor.
- All services are described in the exhibitor kits and are mailed directly to exhibitors contracting for space.

### How to Exhibit

#### Space Rates:

- U.S. \$1500 per 8'x10' exhibitor space. Price prorated for multiple space contract.

Once your company has decided to participate:

- Review the Terms and Conditions and Exhibit Regulations
- Select your preferred booth
- Complete and sign the Application for Exhibit Space
- Submit your Application with payment for the total cost of exhibit space

#### **Deadline for application submission is February 1, 2012 to be included in announcement**

- No application will be processed or space assigned without the required deposit
- All space assignments are based on a first-come first-served basis
- 100% of total cost of booth is required with application

Please review the attached Exhibit Space Reservation Application and Rules and Regulations and Exhibit Floor Plan, and direct any questions to Tim Frame at:

Baker Hughes 4900 California Ave Suit 400B, Bakersfield, California 93309 Telephone: (661)328-6102; Fax: (661) 328-6150; email: [timothy.frame@bakerhughes.com](mailto:timothy.frame@bakerhughes.com) or Scott Myers at (661) 328-6111; email [scott.myers2@bakerhughes.com](mailto:scott.myers2@bakerhughes.com)

### Sponsorship Opportunities

The value of your exhibition participation can be further enhanced by sponsoring a Icebreaker reception or other conference event. You do not have to sign up for booth space to be a sponsor. To find out more about sponsorship opportunities, please contact Scott Myers ([scott.myers2@bakerhughes.com](mailto:scott.myers2@bakerhughes.com)).

I very much look forward to your participation in this rewarding program.

Sincerely,

**Tim Frame and Scott Myers**

Exhibits Committee Chairs

Attachments: Click on <http://connect.spe.org/sjv> and go to the ANNOUNCEMENTS box to access these attachments,

1) Exhibit Space Reservation Application

2) Exhibit Floor Plans

# A Thank You to the SJV Section of the SPE from another of our Scholarship Recipients

Dear SPE-SJV members,  
Thank you very much  
for your support of my  
academic career in the  
form of a \$1000 scholarship.  
It will go a long way  
towards helping me achieve  
my goal of becoming a  
geologist. Sincerely, Alyson  
Hanel



## 2012 College Scholarship Program

The San Joaquin Valley (SJV) chapter of the Society of Petroleum Engineers is offering a college scholarship program for Fall 2012. The Scholarship is co-funded by SJV member activities, Division of Oil & Gas and Geothermal Resources, SPE headquarters, and private funding.

*To access the complete application and to download it, go to:*

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

*Submittal deadline is May 15<sup>th</sup>, 2012.*

Scholarships will be awarded to graduating high school seniors & undergraduate-level college students. Winners will receive approximately \$1000 to \$2000 depending on academic achievement and overall strength of the applicant pool.

To be eligible an applicant must be:

A Student pursuing a degree in a petroleum-related field (any branch of engineering, environmental or earth sciences) and,

Either

*The application form is available on the SJV SPE website:*

A California resident (or a non-resident if the child of a current San Joaquin Valley SPE member)

Or

A non-resident with petroleum industry work experience in California, including summer internships & Comet program internships

For more information, please contact:

Ark Zhumadilov, Scholarship Director, (661) 654-7243

Or via email: [azhumadilov@chevron.com](mailto:azhumadilov@chevron.com)

## SPE - SJV SECTION SCHOLARSHIP SELECTION CRITERIA

### OBJECTIVE

To provide a merit award to offset educational expenses for engineering, environmental or geology/earth science students, who after graduation are interested in entering the petroleum industry, and becoming a member of the Society of Petroleum Engineers.

### GUIDELINES

The recipient must be a full-time student (12 or more credit hours) at an accredited college or university in an engineering, environmental sciences or earth sciences field of study.

Applicants must be current residents of California, or a child of a current Society of Petroleum Engineers - San Joaquin Valley Section member. However, an applicant from another state who has petroleum-related work experience in the state of California through full, part-time, or summer employment is also eligible.

When selecting recipients strong consideration is given to the following:

- Demonstrated commitment to entering the petroleum industry through declared industry-related majors or work experience
- Essay responses
- GPA
- Extracurricular activities

Financial need is not being considered.

Scholarships will be considered for applicants from undergraduate class levels of college study (and graduating high school seniors).

Due to the limited number of scholarships available, they will not be automatically renewed. Former SJV SPE scholarship recipients are free to reapply each year but will not be given preferential status.

The most outstanding high school senior declaring petroleum engineering major will be aided in submitting an **additional application to compete for the SPE National Headquarters "Gus Archie Memorial Scholarship"**. This program funds an entering college freshman student through 4 years of petroleum engineering undergraduate studies at \$5000 per year.

*RETURN APPLICATIONS WITH OFFICIAL TRANSCRIPTS TO:*

Ark Zhumadilov  
SPE - SJV Section Scholarship Director  
Chevron Corporation  
9525 Camino Media, C2013  
Bakersfield, CA 93311

# SPE | San Joaquin Valley Section

## 12th Annual Engineering Day

Cal State University, Bakersfield  
Student Union Building

The gods favored engineering on February 24, 2012, the day of the 12<sup>th</sup> Annual Engineering Day. The picture-perfect day seemed to further express the virtue and vitality engineering brings to the world. The event was hosted by the Society of Petroleum Engineers, Kern County Superintendent of Schools School-to-Career, and California State University, Bakersfield. Over 500 high school students from Kern County flocked to CSUB to learn about the opportunities and importance of engineering.



The students were exposed to a diverse set of exhibitors who provided first-hand experience and hands-on displays. There was a high level of energy from both the students and exhibitors evident in the passionate and buoyant discussions throughout the day.

The students schedule included several speaker sessions and lab tours. There were 14 speakers who discussed topics on preparing for a career in engineering, what young engineers contribute to the industry, the responsibilities of Production engineers, and personal stories on why they became engineers. The students also got to tour the campus lab where they witnessed live demonstrations in chemistry, robotics, geology, biology, and physics.



# SPE | San Joaquin Valley Section



## 12<sup>th</sup> Annual Engineering Day

Celebrate the Many Contributions of Engineers!

February 24, 2012



### Sponsors



Occidental of Elk Hills



DIVERSIFIED PROJECT SERVICES INTERNATIONAL



Lunch generously provided by

**HALLIBURTON**

### Exhibitors

- Aera Energy LLC
- American Association of Safety Engineers
- Bakersfield College
- Cal State University Bakersfield
- Cannon
- Chevron
- Diversified Project Services International, Inc
- Edwards AFB Flight Test Center
- Enova Solutions
- Halliburton
- IEEE China Lake
- Occidental Petroleum
- San Joaquin Geological Society
- Schlumberger Oilfield Services
- Society of Petroleum Engineers
- SPOC Automation
- WZI Inc.

### Engineering Day Committee

- Pam Willis – WZI Inc
- Tara Butler – Enova
- Blythe Miron – Aera Energy LLC
- Debra Plank – KCSOS
- Kamel Haddad - CSUB

Thanks to all the sponsors, speakers, exhibitors, students and teachers, and volunteers from SPE SJV and CSUB for making this event a success!

### Program

- Registration . . . . . 7:00am-8:30am
- Station Tour . . . . . 8:30am-1:30pm
- 1<sup>st</sup> Lunch Session . . . . . 11:00am – 11:50am
- 2<sup>nd</sup> Lunch Session . . . . . 11:50am – 12:40pm
- Keynote Address. . . . . 1:30pm – 2:30pm  
& Closing Remarks

### Speakers

#### Keynote Speakers

- Julio Blanco, Ph.D. – Dean, School of Natural Sciences, Mathematics and Engineering, CSUB
- Larry Miller – President, SPE SJV

#### Session Speakers

##### Multi-Purpose Room

- Nathan Ayotte - Chevron
- Mick Bowen – Edwards AFB Flight Test Center
- Erin Daniel – Aera Energy LLC
- Kamel Hadad - CSUB
- Rob Negrini -CSUB

##### Stockdale Room

- Neil Bourda - Chevron
- Dorothy Brelih – KSI Engineering
- Jesse Frederick – WZI Inc
- Adam Jackson - Chevron
- Todd Jones –PG&E
- Keith Kostelnik - Oxy
- Elliott Riege - Chevron
- Mary Shindler - Chevron
- Darren Smith - Chevron



# SPE | San Joaquin Valley Section

## 12th Annual Engineering Day

Cal State University, Bakersfield  
Student Union Building





## 2012 SPE GOLF TOURNAMENT



Dear Potential Sponsor,

We are proud to announce the eighth annual SPE Golf Tournament to be held on March 23rd, 2012 at Sundale Country Club in conjunction with our Western Regional Meeting. Unlike the previous years' tournament, we are having this tournament at the end of the Western Regional Meeting of the SPE which will have many out-of-town oil and service company representatives present, giving our sponsors accessibility to our visiting guests. Like last year, we are going to treat it as two separate tournaments with one flight in the morning and one in the afternoon with two separate award ceremonies giving thanks to our sponsors at each one. We are not raising the price of our sponsorships, but giving you twice the exposure at the same cost. As we have in the previous years, we expect this tournament to be a smashing success not only uniting members of our local SPE, but also participants from Alaska to LA Basin for a day of sports and camaraderie.

A great deal of the success of these events can be attributed to the contributions of tournament sponsors in the form of cash donations, prizes and great food. All proceeds from the golf tournament will fund programs that preserve our professional standing and oil field heritage within our community, including National Engineering Week (to be held at CSUB), industry lecture series (including SPE distinguished lecturers), continuing education courses, and scholarship programs to support college engineering and oil related major students. Last year alone our local chapter of the SPE gave our community \$35,000 in scholarships to deserving students. Requests for sponsorships and donations, we realize, approach your company frequently and we realize that you have to make choices and use discretion with your allocated funds. We hope you choose to participate with the SPE, as all of the proceeds from the tournament go directly to our local oil industry promotion, and our local students.

We are inviting local companies to sponsor this event through three levels of sponsorship: Platinum (\$1500), Gold (\$1000), and Silver (\$500). Please see the benefits of each sponsorship level at the end of this letter. In addition, companies or individuals that would like to advertise through donation of raffle prizes and registration items are also welcomed. This year's golf tournament promises to be a premier event with high participation. Your generosity will be visibly acknowledged and announced at the awards and raffle event following the tournament. Commemorative plaques will also be given to all Sponsors.

If you're willing to sponsor, please click on the following link to register electronically at our SJV SPE Website <http://connect.spe.org/sjv/SJV/Home/> and on the lower left hand column called "Upcoming Events" move your cursor over SPE Golf Tournament and click to that link, where you can pay by PayPal links right there, or mail your check to:

SPE Golf Tournament  
Attention: Max Solanki  
P.O. Box 21135  
Bakersfield, CA 93390

If you need further information or would like us to contact you, please let us know at one of the contacts listed below

We sincerely appreciate your support,

Tax ID: 75-2001539

**The Eighth Annual SPE Golf Extravaganza Committee**

Young Kirkwood	Oxy	661-412-5428	Young_Kirkwood@oxy.com
Scott Myers	Baker Hughes	661-328-6111	Scott.Myers2@BakerHughes.com
Steve Hall	Schlumberger	661-864-4709	Hall10@slb.com
Duane Johnston	Oxy	661-763-6315	Duane_Johnston@oxy.com
Max Solanki	Oxy	661-412-5194	Max_Solanki@Oxy.com
Larry Miller	Halliburton	661-391-5387	<a href="mailto:Larry.Miller@Halliburton.com">Larry.Miller@Halliburton.com</a>
Jeff Langlois	Oxy	661-304-6217	Jeffery_Langlois@oxy.com

## 2012 SPE Golf Tournament Sponsorship Information

### PLATINUM SPONSOR - \$1500

Company name in SJV SPE Newsletter for 1 year  
 Special acknowledgement in tournament brochure  
 Special acknowledgement at post-tournament awards and raffle  
 Special appreciation plaque

One Hole on the Course to use for Promotion or to hold an event at that hole of your choice  
 (closest to pin, long drive, second shot closest to pin, etc.) -

### GOLD SPONSOR - \$1000

Company name in SJV SPE Newsletter for 6 months  
 Special acknowledgement in tournament brochure  
 Special acknowledgement at post-tournament awards and raffle  
 Special appreciation plaque

One Hole on the Course to use for Promotion or to hold an event at that hole of your choice  
 (closest to pin, long drive, second shot closest to pin, etc.).

### SILVER SPONSOR - \$500

Company name at sponsor hole  
 Company name in SJV SPE Newsletter for 3 months  
 Acknowledgement at post-tournament awards and raffle

# 2012 SPE GOLF TOURNAMENT

2 flights / 2 raffle / 2 sets of winners  
...2 much fun!



**Tournament Date:  
March 23, 2012**

**HALLIBURTON Schlumberger**



PLATINUM SPONSORS



**Weatherford AERA**



**Klassen corporation**

Architecture • Construction



**Wallace & Smith**  
GENERAL CONTRACTORS

**GOLD SPONSORS**



**KINGS**  
Chemical Service Inc.

**SILVER SPONSORS**



**Kenaj**  
DRILLING



**NATIONAL OILWELL VARCO**



**Cenergy**

**Player Information (\$100 per player)**

	Name	Shirt Size
1		S M L XL XXL
2		S M L XL XXL
3		S M L XL XXL
4		S M L XL XXL

Or :Mail Entry with Check  
(and specify AM or PM)

Attn: Max Solanki  
P.O.Box 21135  
Bakersfield, CA.  
93390

**Date: March 23, 2012 (7AM / 1PM)**

**Location: Sundale Country Club**

**Format: 4 Person Scramble**

**Cost: \$100 / Player**

**Registration Deadline: March 16th**

Sponsors Info: [Larry.Miller@Halliburton.com](mailto:Larry.Miller@Halliburton.com)

Registration Information: [Max\\_Solanki@Oxy.com](mailto:Max_Solanki@Oxy.com)

On-Line Registration: [2012 SPE Golf Tournament](#)

# 2012 BAPL Charity Golf Classic



P. O. Box 10525 ♦ Bakersfield, CA 93389

February 1, 2012

Dear Ladies/Gentlemen:

**RE: 2012 BAPL CHARITY GOLF CLASSIC**  
**Friday, April 13, 2012, at Rio Bravo Country Club**

## 2011 BAPL CHARITY GOLF CLASSIC SPONSORS

### "CORPORATE"

Bright and Brown  
 Chevron U.S.A., Inc.  
 Day, Carter & Murphy  
 E&B NRMCC  
 Halliburton  
 Hathaway LLC  
 Maverick Petroleum, Inc.  
 Occidental Petroleum Corp.  
 Occidental Petroleum Corp. CA  
 Business Development  
 Steel Rives LLP  
 TRC Operating Co. Inc.  
 Venoco, Inc.  
 Vintage Petroleum  
 Weatherford  
 White Wolf Land Services

### "EAGLE"

Aera Energy LLC  
 Berry Petroleum Company  
 Bonanza Creek Energy, Inc.  
 Brown Armstrong  
 G. Rodges & Associates  
 Pac Sels, Inc.  
 Plains Exploration & Production Co.  
 Vaquero Energy  
 White Wolf Land Services

### "BIRDIE"

Anderson Land Services  
 Blackwell Investment Company  
 Breitburn  
 Foothill Energy LLC  
 Jaco Production Company  
 LeBeau-Thelen, LLP  
 Meyers, Nave, Riback  
 Western Land Services  
 Zodiac Energy, LLC

### "TEE-IT-UP"

California Exploration - Oxy  
 CSCO  
 Diritek  
 Geolog, Inc.  
 Holmes Western Oil Corp.  
 Kilpatrick Energy  
 Law Offices of Melvin L. Ehrlich  
 Matrix Oil Corporation  
 Neon Energy Corporation  
 Orchard Petroleum  
 Petru Corporation

### "KEEP-YOUR-HEAD-DOWN"

Blackburn Oil Company  
 Bridget Beard Land  
 California Energy Exchange  
 Geo Drilling Fluids  
 Titeworks Corporation

For more than 20 years, the Bakersfield Association of Professional Landmen (BAPL) has hosted the BAPL Charity Golf Classic to benefit the Bakersfield Homeless Center (BHC). Thanks to our sponsors and participants, last year's event was another big success, as we donated \$40,000 to the BHC! For 2012, we have set a high goal, **with a mission to contribute a minimum of \$50,000**. We can only reach this goal by the continued generous sponsorships and team recruitments from companies and individuals in and about our community. The BHC has expanded its operations to provide services to increasing numbers to meet family and individual needs. Unfortunately, the depressed economy and state funding restrictions means the BHC needs our help more than ever!

The BAPL Charity Golf Classic is a scramble format with prizes for low gross. Once again, we will offer the Corporate Sponsor level, which will provide the contributors with golf and dinner for 4 players, automatic participation in the Corporate Challenge, along with their name/logo at the tee box and in the event program. The Corporate Challenge will be open only to those donating at the Corporate Sponsor level. The team with the lowest gross is the Corporate Challenge winner. We will also have the post-dinner raffle with over \$1,000 in prizes! Refreshments will be at each par-3. There will be contests for "closest to hole" and "longest drive", a total of \$20,000 in hole-in-one prize money, best dressed team and individual, and several other fun and exciting ways for you to win prizes!

**Register early, as we expect a sellout maximum of 144 players!**

*Please review our list of available sponsorship opportunities:*

"KEEP-YOUR-HEAD-DOWN"	\$100 (tee box)
"TEE-IT-UP"	\$250 (par 3s)
"BIRDIE"	\$500 (includes one player's fee & dinner)
"EAGLE"	\$1,000 (includes two player fees & dinner)
"CORPORATE SPONSOR"	\$1,500 (includes four player fees, dinner and the Corporate Challenge)

*All of the above sponsors will be included in our event program and have tee box signs.*

*If you would like to donate items to be included in the goody bags handed out at check-in, please call Jessica Ross at (661) 654-7941.*

If you wish, you may make your sponsorship donation directly to the BHC by either the online BHC website using PayPal or by sending your check directly to the BHC.

**Please send a copy of the PayPal receipt or check to**  
**BAPL, P.O. Box 10525, Bakersfield, CA 93389.**

*Our combined Sponsorship & Registration form is enclosed with this letter. Please use it for sponsoring or playing in the tournament... **or both!***

If you have questions regarding sponsorship, please call Jessica Ross (Chevron) at (661) 654-7941, Hank Bennett (559) 654-4564, Brent Davenport (Oxy) at (661) 412-5500, or Louis Gill (the BHC Executive Director), (661) 322-9199. Otherwise, we will contact your office in the near future.

\*The deadline for sponsorships to be included on the golf tournament entry form is Friday, April 6th to be included in the event program and prominently displayed on a banner at the golf course and dinner.

**Help us help the Bakersfield Homeless Center!!**

Jessica Ross Director Davenport	Hank Bennett BAPL VP Bakersfield Homeless Center	Louis Gill, Executive Rick Peace/Brent Sponsorship
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# 2012 BAPL Charity Golf Classic



## **THE 24<sup>th</sup> ANNUAL BAPL CHARITY GOLF CLASSIC Benefitting the Bakersfield Homeless Center Friday, April 13, 2012, 12:30 p.m., at Rio Bravo Country Club**

Over the past 24 years, the Bakersfield Association of Petroleum Landmen (BAPL) has hosted the BAPL Charity Golf Classic to benefit the Bakersfield Homeless Center (BHC). Thanks to our sponsors and participants, last year's event was another big success, as we donated \$40,000 to the BHC! For 2012, we have set a high goal, with a mission to raise a minimum of **\$50,000**. We can only reach this goal by the continued generous sponsorships and team recruitments from companies and individuals in and about our community.

The BAPL Charity Golf Classic is a scramble format with prizes for low gross. Once again, we will offer the Corporate Sponsor level, which will provide the contributors with golf and dinner for 4 players, automatic participation in the Corporate Challenge, along with their name/logo at the tee box and in the event program. The Corporate Challenge will be open only to those donating at the Corporate Sponsor level. We will also have the post-dinner raffle with \$1,000 in prizes! Refreshments will be at each par-3. There will be contests for "closest-to-the-hole" and "longest drive", a total of \$20,000 in "hole-in-one" prize money, and several other fun and exciting ways for you to win prizes! If you are interesting in networking at the event, but do not wish to play golf, please include your name and phone number as a volunteer! **Register early, as we expect a sellout maximum of 144 players!**

### SPONSORSHIP

- \_\_\_ "KEEP-YOUR-HEAD-DOWN" SPONSOR (includes your name listed at a tee box and in the event program).....\$100.00
- \_\_\_ "TEE-IT-UP" SPONSOR (includes your name and company logo at a tee box and in the event program).....\$250.00
- \_\_\_ "BIRDIE" SPONSOR (includes golf & dinner for 1 player; name and company logo at a tee box and in the event program)....\$500.00
- \_\_\_ "EAGLE" SPONSOR (includes golf & dinner for 2 players; name and company logo at a tee box and in the event program)\$1,000.00
- \_\_\_ "CORPORATE" SPONSOR (includes golf & dinner for 4 players; name and company logo at a tee box and in the event program, and automatic participation in the Corporate Challenge) .....\$1,500.00

Company: \_\_\_\_\_ Contact Name: \_\_\_\_\_  
 Address: \_\_\_\_\_ Phone: \_\_\_\_\_  
 \_\_\_\_\_ Email: \_\_\_\_\_

Make sponsorship checks payable to BAPL or Bakersfield Homeless Center and mail to:  
**BAPL, ATTN: Yvonne Hicks (Treasurer), P.O. BOX 10525, BAKERSFIELD, CA 93389**  
Important: If you send your check directly to BHC, please send a copy of the check to BAPL

Mail your "CAMERA READY" artwork to:  
 Berry Petroleum, Attn: Mary Costa, 5201 Truxtun Ave., Ste 100, Bakersfield, CA 93309 –  
 or email your artwork directly to Mary Costa at: [mic@bry.com](mailto:mic@bry.com)

**DEADLINE FOR SPONSORSHIPS TO BE INCLUDED ON TOURNAMENT ENTRY FORM AND  
 TO BE INCLUDED IN THE EVENT PROGRAM IS FRIDAY, April 6, 2012 at 5:00 PM**

# 2012 BAPL Charity Golf Classic

## REGISTRATION

**Golf and Dinner \$125.00 (Independent Landman \$100)**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

**Dinner Only \$25.00**

Name/Company: \_\_\_\_\_  
Phone: \_\_\_\_\_  
E-mail: \_\_\_\_\_

**Golf and Dinner \$125.00 (Independent Landman \$100)**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

**Dinner Only \$25.00**

Name/Company: \_\_\_\_\_  
Phone: \_\_\_\_\_  
E-mail: \_\_\_\_\_

**Golf and Dinner \$125.00 (Independent Landman \$100)**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

**Dinner Only \$25.00**

Name/Company: \_\_\_\_\_  
Phone: \_\_\_\_\_  
E-mail: \_\_\_\_\_

**Golf and Dinner \$125.00 (Independent Landman \$100)**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

**Dinner Only \$25.00**

Name/Company: \_\_\_\_\_  
Phone: \_\_\_\_\_  
E-mail: \_\_\_\_\_

**Volunteer**

Name: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Time Available: \_\_\_\_\_

Please make your checks payable to "BAPL" and mail them with your Registration to:

**BAPL, ATTN: Yvonne Hicks (Treasurer), P. O. BOX 10525, BAKERSFIELD, CA 93389**

### **QUESTIONS?**

**Call Jessica Ross (Chevron), (661) 654-7941, Brent Davenport (Oxy) (661) 412-5500,  
or Rick Peace (White Wolf) (661) 324-9653**

## [SPE Surface Study Group Lunch](#)

### ***Energy-Efficient Ultra Low NOx Burners for California OTSG***

**Date & Time:** March 14<sup>th</sup>, 2012 @ 11.30 am

**Venue:** Petroleum Club (12<sup>th</sup> Floor) at 5060 California Ave. in Bakersfield

**Speaker:** **Roberto Santos**, Regional Sales Manager, Coen Company Inc.

RSVP via e-mail to [attila.aksehirli@chevron.com](mailto:attila.aksehirli@chevron.com)

Or reserve via PayPal:

#### **Members (\$20)**

[https://www.paypal.com/cgi-bin/webscr?cmd=\\_s-xclick&hosted\\_button\\_id=AH62XSULZN57N](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=AH62XSULZN57N)

#### **Non-Members (\$25)**

[https://www.paypal.com/cgi-bin/webscr?cmd=\\_s-xclick&hosted\\_button\\_id=D8VDR436FT7B2](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=D8VDR436FT7B2)

#### **Abstract**

New ultra low NOx technology has demonstrated reliable operation on a dozen OTSG burner units rated to 85 Mbtu/hr in the Kern County Oil fields near Bakersfield, California achieving NOx emissions well below 5 ppm at excess air levels below 10%. The amount of FGR necessary for NOx control is substantially lower than what is typically required by premixed ULN burners for achieving comparable emissions. This, in conjunction with low differential air pressure and low excess air capabilities, presents one of the most energy efficient burner technologies operating in the market today.

#### **Biography**

**Roberto Santos, P.E.**, Regional Sales Manager – Western US and Canada

Years of Experience: Employed with Coen since 1988, 6 years with other firms

Professional Education: Bachelor of Science and Graduate Studies in Mechanical Engineering, San Jose State University, 1986 and 1988

Experience and Duties: I have been involved in the Power Industry for over 20 years specializing in combustion related products and solutions for the Industrial and Utility markets. I am currently responsible for sales and marketing efforts of all Coen/Todd/Hamworthy-Peabody Products and Services in Western US and Canada. I am also in charge of Business Development for Coen in the Asia Pacific Region.

Number of Publications: 2

## **SPE Sub-Surface Study Group Lunch**

### **Weatherford SandAid™ Sand Conglomeration**

Date: Wednesday, April 11, 2012, 11:30am  
Venue: Petroleum Club (12<sup>th</sup> Floor) at 5060 California Ave. in Bakersfield  
Speaker: Ron Van Petegem, Product Line Manager, Weatherford

RSVP via e-mail to [bmmiron@aeraenergy.com](mailto:bmmiron@aeraenergy.com)

Or reserve via PayPal:

Members (\$20)

[https://www.paypal.com/cgi-bin/webscr?cmd=s-xclick&hosted\\_button\\_id=7FKP2RKKXRSNN](https://www.paypal.com/cgi-bin/webscr?cmd=s-xclick&hosted_button_id=7FKP2RKKXRSNN)

Non-Members (\$25)

[https://www.paypal.com/cgi-bin/webscr?cmd=s-xclick&hosted\\_button\\_id=W74BE6W9ASHVY](https://www.paypal.com/cgi-bin/webscr?cmd=s-xclick&hosted_button_id=W74BE6W9ASHVY)

#### Abstract

SandAid™ is primarily a chemical means to increase the Maximum Sand Free Rate (MSFR) and a way to eliminate or significantly reduce fines migration. It has also shown to reduce water cut in some wells. It is not an absolute Sand Control solution such as a Gravel Pack, Frac pack or Expandable screen but will create an ionic attraction between the sand and fines grains and modifies the relative permeability of the formation. It will leave the formation in a water wet state. It can significantly enhance the performance of Gravel Packs and Frac Packs as well as Stand Alone screen applications. A SandAid treatment is a matrix treatment that will agglomerate sand grains/fines. It works by modifying the Zeta Potential of the anionic particles. By modifying the Zeta potential to a value between 0 and -20 mV an ionic attraction is created. Because SandAid will work on any anionic substrate it will also modify the Zeta Potential of most fines and as such it can reduce or stop fines migration and prevent near well bore damage caused by fines. This in turn should allow better contribution from the complete interval and as such can increase the PI and/or reduce relative drawdown pressures.

One of the major features of SandAid is that when the formation stresses change due to reservoir depletion or otherwise; SandAid™ can adapt to these changing reservoir conditions and will re-agglomerate. The reason for this behavior is that SandAid is not a bonding agent or a glue type substance such as a resin but creates an ionic attraction. The ionic attraction allows for the particles to have relative movement and adapt to stress changes or even re-agglomerate if a particle or particles becomes dislodged. Weatherford is positioning this product as a remedial type Sand Control solution and as a way to enhance other Sand Control solutions as well as an alternative for Resin based sand consolidation treatments.



## SJV SPE Continuing Education

### PD457

### B31.3 Process Piping Materials Fabrication, Examination & Testing

A comprehensive, supplemental course to PD014: *ASME B31.3 Process Piping*, this two day course is designed to illustrate the relationship of the Fabrication & Examination rules of the B31.3 Code to the Design and Materials rules. Examples of problems that occur as a result of not understanding the relationship of the ASME code to design rules and materials selection are featured. The primary goal of this course is to provide insight into the rules relating to the ASME B31.3 Fabrication and Examination code.

#### You Will Learn

- Materials selection and limitations
- Fabrication rules and their bases
- Relationship between B31.3 design and the fabrication & examination requirements
- Welding qualification requirements
- Inspection, examination, and testing requirements

#### Who Should Attend

Piping engineers and designers, fabricators and erectors, QA/QC personnel, engineers and maintenance personnel who desire a more in depth understanding of the Fabrication and Examination rules of the B31.3 Code covering process plant piping systems.

#### Instructor

Philip D. Flenner, P.E., is a senior welding consultant and founding member of Flenner Engineering Services, LLC. He has over 30 years of experience in welding qualifications and training, engineering training, power plant repair methods, quality control and performance assessment, nuclear dry fuel storage, and codes and standards.

He is a member of the ASME B31 Code for Pressure Piping Main Committee, the B31.1 Power Piping Section Committee, and the ASME Section IX Committee on Welding and Brazing Qualifications as well as other national codes and standards committees.

#### Cost and Venue

The price for this class is \$1,000 and it is to be held at the University of Phoenix on May 22nd and May 23rd, 2012 from 8:00 am to 5:00 pm. Lunch is not included in the price. However, there will be a lunch break and the students free to go for lunch at location of their choosing. A mid morning and mid afternoon snack plus coffee and soft drinks will be provided.

**PayPal Link** for registration:

[https://www.paypal.com/cgi-bin/webscr?cmd=\\_s-xclick&hosted\\_button\\_id=KBKLSQ36U6LH4](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=KBKLSQ36U6LH4)

Please call Terry L. Kloth @ 661- 321-4469 (office); 661- 858 -9631 (mobile) or e-mail [TLKB@pge.com](mailto:TLKB@pge.com) if you have questions or need additional information.

## Announcing the SPE SJV Section Monthly Networking Bash

The March Sponsor is



Thursday, March 29th, 2012  
5:30-7:30 @  
Lengthwise Brewery- Northwest  
2900 Calloway Drive



SPE Networking bashes are held monthly as a service to our members. This is a great opportunity to come out and meet people from all areas of our industry in a social setting. Our sponsor generously provides appetizers for your enjoyment while you are meeting new people or visiting with a long time colleague.

Non-member guests are always welcome to attend.

RSVP to Tara Butler @ [tbutler@enovaes.com](mailto:tbutler@enovaes.com) or 661-319-4022

The SPE SJV Section would like to thank Weatherford for sponsoring our February Monthly Networking Bash!



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

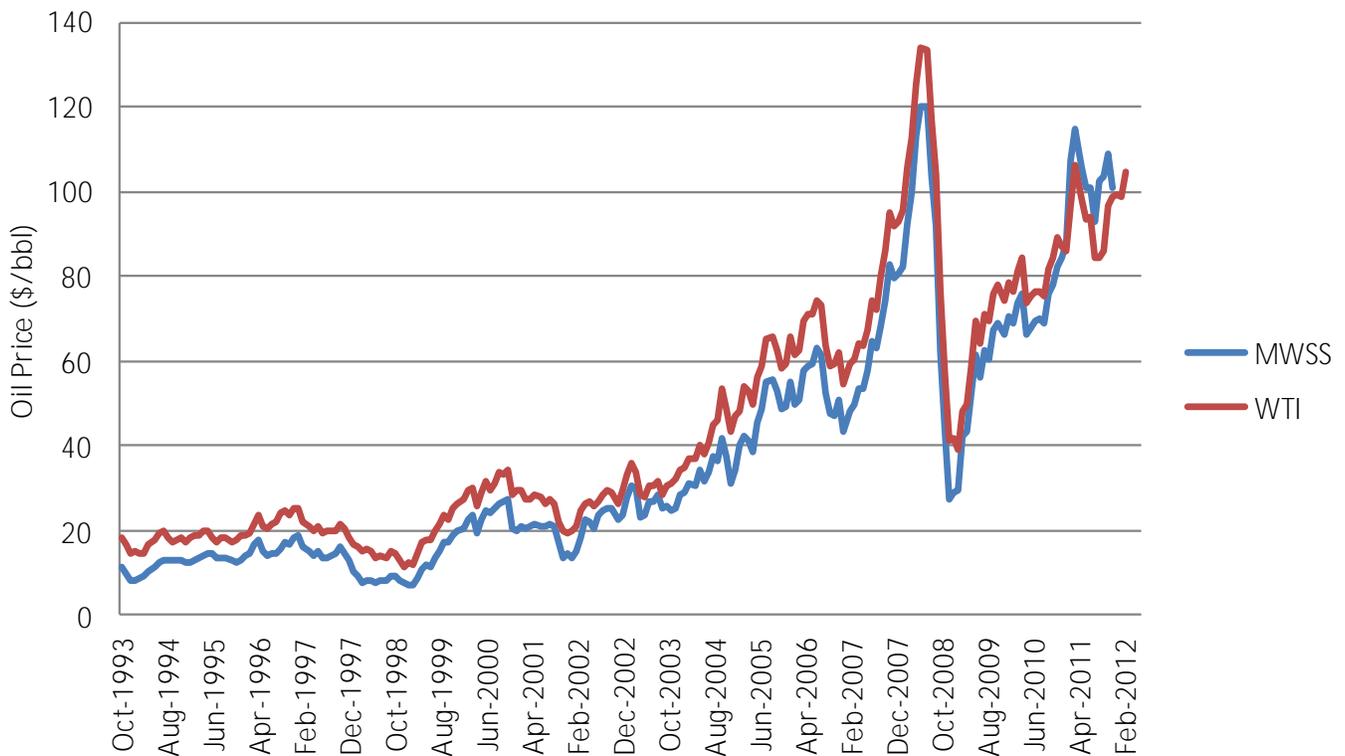
Our sponsor generously provides appetizers for your enjoyment while you are meeting new people or visiting with a long time colleague.

We are always looking for companies or individuals that would like to sponsor this event.

For additional information please contact Tara Butler @ [tbutler@enovaes.com](mailto:tbutler@enovaes.com) or

661-319-4022.

### WTI & California Midway Sunset Oil Price (\$/bbl)



## Manager of Engineering



Employment Classification: Salary Non-Exempt  
Business Office  
Reports to: President

Hathaway LLC has been in business for over 10 years and has experienced tremendous growth in the past few years. Growth and financial success within this organization can be achieved through hard work, versatility and continued loyalty. Hathaway LLC was recently honored in Inc. Magazine as one of the fastest growing privately held companies in the United States. Our long range plans are to continuously aggressively grow the company and maintain our Bakersfield, CA based headquarters. The company is very strong financially, not publicly traded and controlled by one owner. There are no plans to divest and a very clear succession plan is in place. All of these things coupled with the **owner's strong community presence solidify the company's stability.**

### Fundamental Objectives:

Under the general direction of the President of the Company, the Manger of Engineering is responsible for assisting the President with major and minor decisions pertaining to various projects, budget allocations, strategic planning, reserve reports, company processes and procedures and other various tasks assigned by the President.

### Essential Functions of the Job:

- Overseeing completion of recurring Reserve Analysis
- Assisting with annual budget
- Managing the surveillance of oil and gas production
- Assist with drilling programs as they occur
- Advise the President on pertinent company decisions
- Implement processes to improve operational efficiency

### Minimum Qualifications:

Education: Graduation from an accredited college with a BS degree in Engineering.  
Experience: Seven (7) years of experience in the Oil and Gas Industry in California.

### Skills/Knowledge/Ability of:

- Excellent working knowledge of the oil and gas reserve Analysis and SEC terms pertaining to oil and gas reserves
- Ability to effectively evaluate acquisitions
- Strong competency in thermal operations
- Basic knowledge of facility design
- Familiarity with budget implementation and preparation
- Good working knowledge of oil and gas accounting
- Ability to interact well with operational team and develop more efficient processes
- Strong competency in drilling operations
- Strong working knowledge of oil and gas regulations in California
- Good organizational methods and procedures
- Communicate clearly and concisely, both orally and in writing
- Methods and techniques of record keeping and records management
- Establish and maintain effective working relationships with those contacted in the course of work
- Utilize computer equipment effectively
- Ability to meet established deadlines
- Detail oriented with good math skills
- Skilled in Word, Excel and general computer skills

### Other Requirements:

**Possession of a valid California Driver's License, automobile insurance, and acceptable driving record substantiated by a DMV printout.** Completion of a substance abuse screening upon offer of employment.

### Physical Demand:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform essential functions. Work involves moderate exposure to unusual elements, such as hot and cold temperatures, dirt, dust, fumes, smoke, unpleasant odors and loud noises. Exposure to the oil fields. Little physical effort required. While performing the duties of this job, the employee is regularly required to sit; use hands to finger, handle, or feel; and talk or hear. The employee frequently is required to reach with hands and arms. The employee is frequently required to stand; walk; and occasionally required to stoop, kneel, or crouch. The employee must occasionally lift and/or move up to 25 pounds.

Qualified candidates only please send resume and salary history to:  
Shelley Siemens, HR Manager, [ssiemens@hathawayllc.com](mailto:ssiemens@hathawayllc.com)



أرامكو السعودية  
Saudi Aramco



**THIS IS YOUR OPEN DOOR.**

# **DREAM BIG**

**You've been looking for a new way forward.  
Now you have the freedom to explore it.**

With a career in Petroleum Engineering & Development at Saudi Aramco, a global leader in the energy industry, you'll benefit from unrivaled exposure to the latest technologies and the support of a respected professional peer group. Your impressive background and critical thinking will help us tap the world's largest-known oil reserves. So the opportunities to innovate are endless. Learn more about the amazing rewards, lifestyle and benefits that come with a career at Saudi Aramco.

Visit Saudi Aramco, Booth #17, at the SPE Western Regional Meeting in Bakersfield, March 21-23, 2012.

**[www.Aramco.Jobs/SPE](http://www.Aramco.Jobs/SPE)  
uncommon opportunities**



**-POSITIONS AVAILABLE-**

**Process Engineers, Project Managers, Project Engineers, and Principal Engineers  
Location: Bakersfield, California/Kern County**

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Physical Address: 5500 Ming Ave, Suite 400 – Bakersfield, Ca 93309

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# Thermal Oil Recovery Short Course

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PRACTICAL 3-DAY COURSE / EXPERIENCED INSTRUCTORS / USEFUL PC PROGRAMS

## COURSE DESCRIPTION

This 3-day thermal recovery course is designed to provide an understanding of heat and fluid flow in heavy oil reservoirs, prediction of thermal performance, and a review of field experience. Special attention is paid to current technologies such as operation of mature steamfloods, horizontal well applications, SAGD, VAPEX, etc.

The course is designed for reservoir and production engineers but will also be useful for geologists, technicians and managers working in heavy oil production.

Easy-to-use PC programs and spreadsheets are provided to help the participants understand thermal processes and make engineering predictions.

## TEXTS

Attendees will receive a comprehensive revised manual.

## COMPUTER PROGRAMS

IBM PC programs in Visual Basic and Excel worksheets are provided to estimate steam zone development, heat loss, cyclic steaming performance, pressure drop in steam lines, steamflood performance, SAGD calculations, etc.

## INSTRUCTORS

Farouq Ali has taught similar short courses to over 7000 industry participants during the past 48 years. He specializes in thermal recovery and simulation. Farouq Ali has written three books and over 500 technical papers on these subjects. He has designed more than 40 oil recovery projects in various countries. Among many awards, he received the 1997 SPE Thermal Recovery Pioneer, 2007 SPE Anthony F. Lucas, 2002 SPE Improved Recovery Pioneer and 1996 SPE Lester C. Uren awards. He is a member of the U.S. National Academy of Engineering.

Jeff Jones is Vice President, Reservoir Engineering with E & B Resources, in Bakersfield, and has over 40 years' experience in all facets of thermal recovery engineering. Jeff has worked on steamflood, cyclic steaming, and in situ combustion projects, and has experience with reservoir, production, and facilities engineering. An accomplished programmer, he has published many technical papers and holds a number of U.S. patents on thermal recovery related devices. Among many awards he received the 2004 SPE Thermal Recovery Pioneer and 2010 SPE Improved Recovery Pioneer awards.

## LOCATION

Four Points Sheraton, Inn, 5101 California Ave., Bakersfield, CA

## REGISTRATION

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