



SJV SPE News

San Joaquin Valley Section Society of Petroleum Engineers

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Visit our website

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

October 16, 2014 General Section Meeting

Distinguished Lecturer

Topic: Formation Damage Matters - Sometimes

Speaker: Michael Byrne, Senergy

Date: Thursday, **October 16, 2014** @ 11:30 AM

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

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

Walk-ins: \$30 members, \$35 non-members

Reservations: RSVP by **Tuesday morning October 14th**, 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=ADNZ93URYD59Y

Non-Members

https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=7QVGZC7KHEH66

OR

Email Pamela Willis at PTWillis@aeraenergy.com or Call (661) 665-5449

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

ABSTRACT

This lecture will explain that understanding the effect of formation damage is critical to successful well design. It has long been recognized that formation damage during drilling, completion, production, well intervention, and injection has a serious effect on well performance, field life, and value. This lecture provides some insight into new understanding, modeling, and theories on the effect of formation damage. Specific cases in which damage is not important or is extremely important are explained. The concept of using damage to help with drilling low-pressure reservoirs and the real effect of damage in long wells will be discussed. The difference between skin factors and formation damage will be explained, and the traditional reliance on skin to help explain and predict well performance will be discussed. The lecture will advocate the use of modern computational power to solve complex physical challenges.

SPEAKER

Michael Byrne is the global technical head of formation damage at Senergy in Aberdeen. A graduate of University College Dublin, he has worked in the oil industry for 25 years and has spent 24 years evaluating formation damage and sand control challenges. Byrne has presented training courses and served as a consultant to major oil companies worldwide. More recently, he has pioneered the use of computational fluid dynamics for well inflow modeling and has several patents in application.



From the Chair, Blythe Johnson, Chevron

BlytheJohnson@Chevron.com

Dear Members

The SPE Annual Technical Conference and Exhibition (ATCE) is this month in Amsterdam. The ATCE offers a three day technical program filled with sessions and training course covering topics from drilling and completions to management and information. They are also offering several special workshops and events that range from technical lunches and dinners to soft skills workshops. Not only does the ATCE offer a great opportunity to learn but also a great opportunity to network. For more details go to <http://www.spe.org/atce/2014/>



SPE News for October

We will be hosting our **first Chili cook off** this month. We invite members and nonmembers to enter in the contest. We will be offering tasting passes so people can taste and vote for the best chili. In our effort to support the **Engineering program at CSUB**, all the proceeds from the event will go to buying a couple sets of the SPE Engineer Handbooks to donate to the CSUB library.

There are several conferences and **workshops** being held this month:

- Wireless Technologies in Well and Reservoir Management in Austin, TX on October 7-8, 2014 <http://www.spe.org/events/14aau3/>
- SPE Eastern Regional Meeting in Charleston, West Virginia on October 21-23, 2014. <http://www.erm2014.org/>
- SPE/AMSE LNG: From Well Head to Global Markets Workshop in Vancouver, British Columbia, Canada on October 23-24, 2014. <http://www.spe.org/events/14avan/>
- SPE Thermal Well Design and Integrity in Banff, Alberta on November 18-20, 2014. <http://www.spe.org/events/14abn4/>
- SPE Petroleum Data-Driven Analytics: Decision Making and Value Delivery in Galveston, TX on November 19-20, 2014. <http://www.spe.org/events/14agal/>

Sincerely

Your SJV SPE 2014-2015 Chair,

Blythe Johnson

October 23rd , 2014 Sub-Surface Study Group Meeting

Topic: The SPE Forum Series “Low Carbon Intensity Processes for Low Mobility Oil Recovery”

Speaker: Anthony “Tony” Murer

Date: Thursday, October 23rd , 2014 @ 11:30 AM

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

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

Walk-ins: \$30 members, \$35 non-members

Reservations: RSVP by Tuesday morning October 21st , using one of the three options:

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

Members

https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=CMAP6LHVSZU3A

Non-Members

https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=TJLG2TG2JK9AQ

OR

Email Indar Singh at isingh@aeraenergy.com

Call (661) 665-5243

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

ABSTRACT

SPE Forums are about the future. They are collaborative, idea-generating meetings that stimulate new ideas and innovation to meet upcoming challenges to the E&P industry. Thought leaders are invited to participate in a week-long exploration of the future and how to shape it. These are unique, limited-attendance events that bring together top technologists, innovators, and other stakeholders to address specific industry challenges. Participants are encouraged to come prepared to contribute their experience and knowledge, rather than being passive attendees.

The recently concluded forum explored low-carbon intensity recovery techniques with smaller carbon footprints that would increase recovery factors for low-mobility oil, such as heavy oil, oil sands, viscous oil, tight oil, and oil shale. This was focused primarily on the subsurface aspects of such processes, including the application of novel methods for reducing the injected steam volume, or the use of non-steam reservoir heating methods; and advancements required to robustly model these techniques. However, due to the integrated nature of low-mobility oil recovery with the surface equipment, we explored the role of some of the novel methods for steam generation such as solar heating or portable nuclear reactors, or enhancing the reservoir access in reducing the carbon footprint. This meeting will describe some of the current technologies discussed during the forum and future research topics being considered by companies around the world.

October 23rd , 2014 Sub-Surface Study Group Meeting**Topic: The SPE Forum Series “Low Carbon Intensity Processes for Low Mobility Oil Recovery”****SPEAKERS****Anthony Murer – Technical Consultant – Aera Energy LLC**

Tony is a geologist and engineer with Aera Energy LLC. He has a bachelors in geology from SUNY at Plattsburgh and master's degree in geology from the University of Arizona. He has also attended graduate school at SUNY at Stony Brook in Geology and Oceanography and USC in Petroleum Engineering, and has a graduate certificate from CSU Bakersfield in Hydrogeology. He started working in the oil business in 1979 as a summer intern for Mobil Oil Corp, began working full time for Mobil in 1981 and has been with Aera Energy LLC since its formation as a combine of Mobil (now ExxonMobil) and CalResources (Shell). He has worked as an exploration geologist, production geologist, reservoir engineer, and innovation advisor. He currently works in the Strategic Development and Innovation groups.

Contributor:**Greg McNeish – Senior Staff Reservoir Engineer – Aera Energy LLC**

Greg is a Senior Staff Reservoir Engineer with Aera Energy LLC in Bakersfield. He has a bachelors in Chemical Engineering from the University of Kansas. Greg started in the oilfields in 1978 and worked at Phillips Petroleum, Cities Service, Mission Resources, and WZI before joining Aera Energy LLC in 1997. At Aera he started working Diatomite waterflood in the Belridge field and in 2003 began working on Diatomite Thermal Recovery, where he has held various reservoir engineering positions ever since.

PEOPLE



PROFESSIONAL SPOTLIGHT

Craig Pauley

You likely have received an email from him informing you of an upcoming technical class, as he is one of our current continuing education directors for SPE SJV. He also recently received the international SPE Projects Facilities, and Construction Award. Meet Craig Pauley, Senior Facilities Engineer for Chevron Energy Technology Company.

SPE SJV: What is your expertise and what lead you in that direction?

Craig: I started with Getty at Kern River in 1980 which became Texaco and then ultimately Chevron. In my first ten years I worked in every engineering position that one can in an oil company. After ten years, I started working in a water plant. A few years after that I was assigned to a group working with steam systems, and steam measurement issues. Twenty years later, I am now a specialist in steam measurement and water treatment. Now, I coordinate technology projects, teach classes, and maintain standards within the company with respect to steam and water treatment.

SPE SJV: Have you worked outside of California?

Craig: With the exception of the 6 years I worked in Houston, my office was always in Kern River, which surprises many people in Chevron. That being said, I have frequently travelled outside the U.S. as an instructor and technical consultant.

SPE SJV: How did you decide to go to join the SPE SJV Board?

Craig: I am proud of my career but it was mainly focused within the company. After receiving the award for facilities at both the regional and international level, I decided to give back to the industry and contacted the Board to see how I could help, and I am glad I did.

SPE SJV: What advice do you have for young engineers?

Craig: Spend the first few years of your career working on as many projects, and in as many disciplines, as possible and find out what you enjoy doing. Don't assume that you have to go into management to be successful; for some engineers, a technical specialist path can be more enjoyable, and more rewarding. In the oil industry today, there are plenty of opportunities for young engineers to advance in different ways. Once you find out what you like doing, let your company know, and ask for their help in orienting your career in that direction.



NOMINATE YOUR COLLEAGUE TODAY!

Do you know someone who has done something special or would like to share his/her insight on the profession? Nominate your colleague for Professional Spotlight!

Send your suggestions to
david.susko@bakerhughes.com.



Dave Susko is the Area Technical Manager for Baker Hughes Pressure Pumping. He manages the technical staff of the California Pressure Pumping group. He started in the industry in 1995 and has served on the SPE SJV Board since 2013. In his time in the industry, he has held many engineering positions including technical instructor.

SJV SPE Board of Directors

2013- 2014

POSITION	NAME	COMPANY	PHONE	E-MAIL
Section Chair	Blythe Johnson	Chevron	(661) 281-5713	BlytheJohnson@chevron.com
Program	Pamela Willis	Aera Energy LLC	(661) 869-5790	PTWillis@aeraenergy.com
Membership	Tara Butler	Enova Solutions	(661) 327-2405	Tbutler@enovaes.com
Secretary	Jeff Kim	Oxy Inc.	(661) 412-5507	Jeff_kim@oxy.com
Treasurer	Keith Kostelnik	Vintage Production Calif.	(661) 412-5580	Keith_Kostelnik@oxy.com
Surface Study Group				
Sub-Surface Study Group	Indar Singh	Aera Energy LLC	(661) 665-5243	ISingh@aeraenergy.com
Newsletter Editor	Mojtaba (Reza) Ardali	Oxy Inc.	(661) 412-5536	Mojtaba_Ardali@oxy.com
Newsletter Co-Editor	David Susko	Baker Hughes	(661) 336-3408	David.Susko@bakerhughes.com
Website Administration				
Continuing Education Program	Craig Pauley	Chevron	(661) 391 4360	CraigPauley@chevron.com
Continuing Education Arrangements	Rakesh Trehan	Oxy Inc.	(661) 412-5486	Rakesh_Trehan@oxy.com
Activities	Matthew Merrimer	Chevron	(661) 448-84015	mminemier@chevron.com
Community Outreach Education	Tom Hampton	Aera Energy LLC	(661) 665-5227	TJHampton@aeraenergy.com
Young Professionals Liaison	Cenk Temizel	Aera Energy LLC		CTemizel@aeraenergy.com
Award Nominations	Jesse Frederick	WZI Inc.	(661) 326-1112	jfrdrck@wziinc.com
Western NA Regional Director	Tom Walsh	Petrotechnical Resources	(907) 230-9840	twalsh@petroak.com
Student Chapter Faculty Advisor	Dayanand Saini	CSUB	(661) 654-2661	dsaini@csub.edu
Student Chapter President	Cristian Garcia	CSUB	(661) 802-3058	csub.spe@outlook.com

Announcing the SPE SJV Section Monthly Networking Bash

The October Sponsor is



Thursday, October 23th, 2014

5:30-7:30 @

TBD

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-member guests are always welcome to attend.

RSVP to Matthew Minemier @ mminemier@chevron.com or 661-529-0597

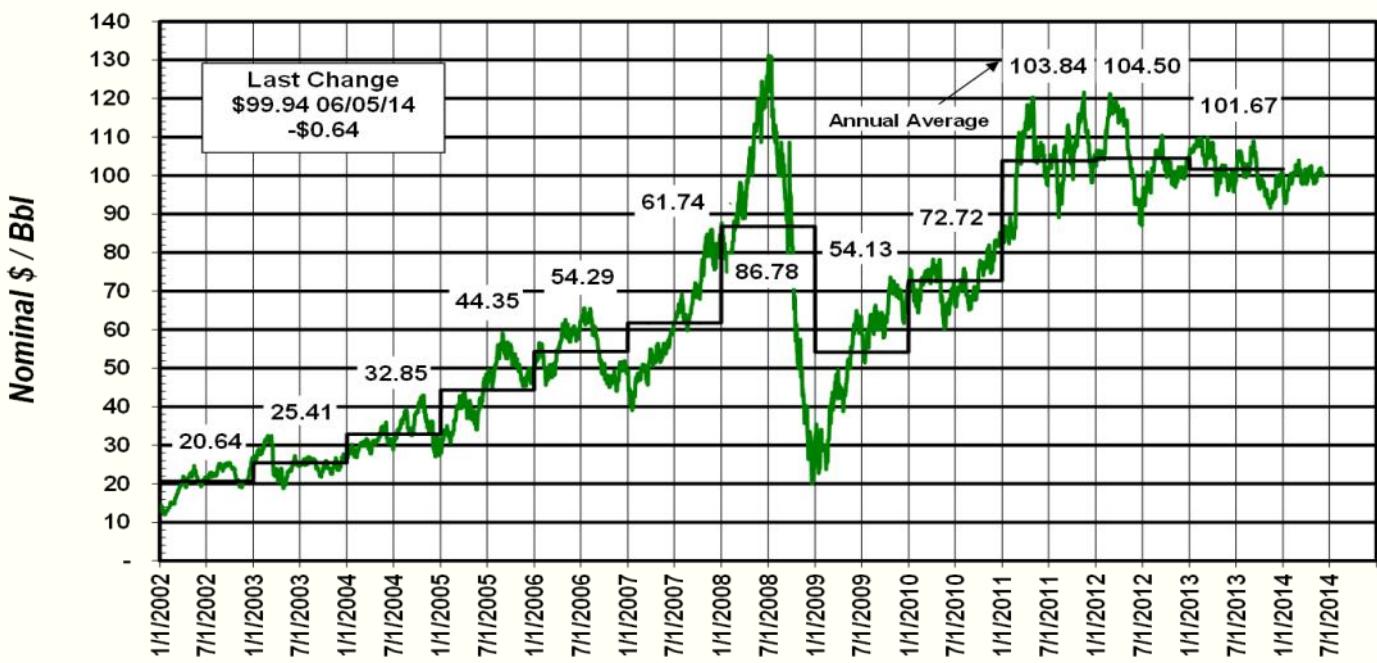
The SPE SJV Section would like to thank Weatherford for
sponsoring the
September Networking Bash!



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

For additional information please contact
Matt Minemier @ 661-529-0597

Chevron 13 API Crude Price
(Daily Posted Price)



Source: Chevron California Crude Oil Price Bulletin

PetroWiki Page of the Month

[PetroWiki](#) was developed by the Society of Petroleum Engineers (SPE) as a vehicle for knowledge capture and sharing. The initial content for PetroWiki was SPE's seven-volume *Petroleum Engineering Handbook* (PEH), published in 2006-2007. SPE recognized that this valuable industry resource could be even better with updates for the latest technology and expansion of topics that were abbreviated by the page limitations associated with print. By putting the full text of the PEH online, SPE has instantly created a resource for the entire exploration and production industry. But as SPE members and their well-qualified colleagues add their knowledge and experiences to PetroWiki it becomes an even more valuable resource for learning about important topics and locating more in-depth resources as needed. To demonstrate Petrowiki, we randomly select a topic and will include it in the newsletter each month.



San Joaquin Valley Section

Drilling fluid types

There are several different types of drilling fluids, based on both their composition and use. The three key factors that drive decisions about the type of drilling fluid selected for a specific well are:

- Cost
- Technical performance
- Environmental impact.

Selecting the correct type of fluid for the specific conditions is an important part of successful drilling operations.

Classification of drilling fluids

World Oil's annual classification of fluid systems lists nine distinct categories of drilling fluids, including:

- Freshwater systems
- Saltwater systems
- Oil- or synthetic-based systems
- Pneumatic (air, mist, foam, gas) "fluid" systems

Water-based fluids (WBFs) are the most widely used systems, and are considered less expensive than oil-based fluids (OBFs) or synthetic-based fluids (SBFs). The OBFs and SBFs, also known as invert-emulsion systems, have an oil or synthetic base fluid as the continuous(or external) phase, and brine as the internal phase. Invert-emulsion systems have a higher cost per unit than most water-based fluids, so they often are selected when well conditions call for reliable shale inhibition and/or excellent lubricity. Water-based systems and invert-emulsion systems can be formulated to tolerate relatively high downhole temperatures. Pneumatic systems most commonly are implemented in areas where formation pressures are relatively low and the risk of lost circulation or formation damage is relatively high. The use of these systems requires specialized pressure-management equipment to help prevent the development of hazardous conditions when hydrocarbons are encountered.

Water-based fluids

Water-based fluids (WBFs) are used to drill approximately 80% of all wells. The base fluid may be fresh water, sea-water, brine, saturated brine, or a formate brine. The type of fluid selected depends on anticipated well conditions or on the specific interval of the well being drilled.

Continued on Next Page

For example, the surface interval typically is drilled with a low-density water- or seawater-based mud that contains few commercial additives. These systems incorporate natural clays in the course of the drilling operation. Some commercial bentonite or attapulgite also may be added to aid in fluid-loss control and to enhance hole-cleaning effectiveness. After surface casing is set and cemented, the operator often continues drilling with a WBF unless well conditions require displacing to an oil- or synthetic-based system.

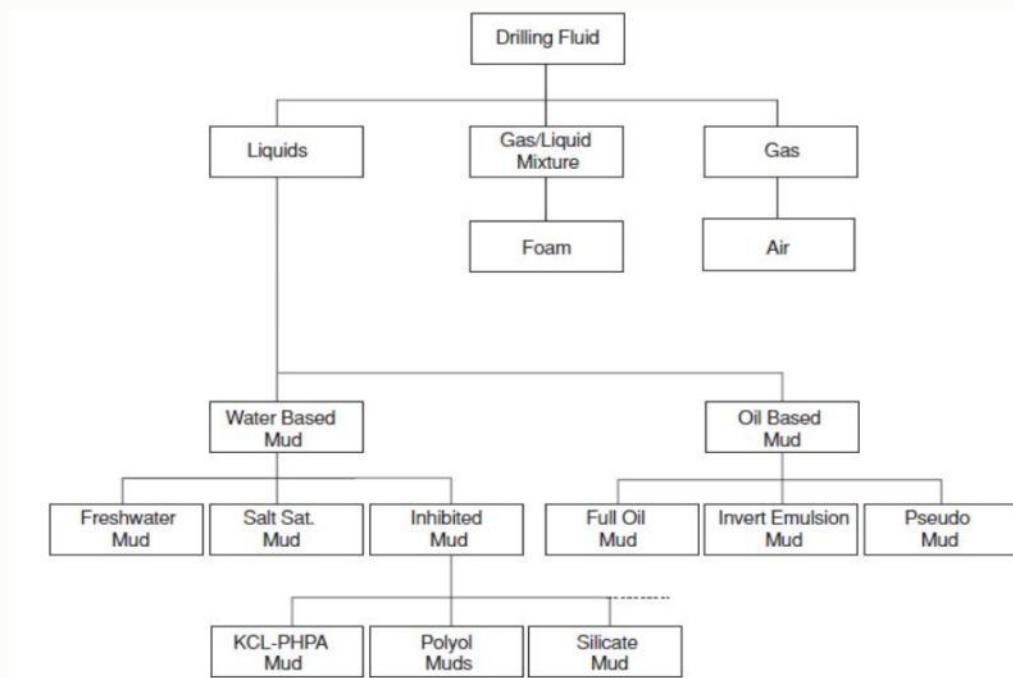
Oil-based fluids

Oil-based systems were developed and introduced in the 1960s to help address several drilling problems:

- Formation clays that react, swell, or slough after exposure to WBFs
- Increasing downhole temperatures
- Contaminants
- Stuck pipe and torque and drag

Oil-based fluids (OBFs) in use today are formulated with diesel, mineral oil, or low-toxicity linear olefins and paraffins. The olefins and paraffins are often referred to as "synthetics" although some are derived from distillation of crude oil and some are chemically synthesised from smaller molecules. The electrical stability of the internal brine or water phase is monitored to help ensure that the strength of the emulsion is maintained at or near a predetermined value. The emulsion should be stable enough to incorporate additional water volume if a downhole water flow is encountered.

For more information refer to: http://petrowiki.org/Drilling_fluid_types



<http://petroleumsupport.com/types-of-drilling-fluid-on-oil-and-gas-well/>



SPE Chili Cook-off

October 11th, 2014

Test your cooking skills at the SPE SJV chapter Chili Cook-off. All proceeds will go towards a set of SPE Engineering Handbooks to be donated to the CSUB Library. All contestants will be judged by attendees who have purchased tasting passes for the “Best Chili” title.

Date: October 11th

Time: 4pm – 7pm (Tasting from 4-6:00pm, raffle prize drawing at 6:00pm, Winner for “Best Chili” title announced at 6:30pm)

Location: Lengthwise Brewery, 6720 Schirra Ct, Bakersfield

Tasting Passes (buy a tasting pass to taste the chili and vote for the best chili):

Purchase thru Paypal till **10/9/14** - (If purchase with paypal please print a copy of your receipt to bring to check-in table day of the event for proof of purchase)

SPE Members \$10

https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=TSX4UVLKUU2WY

Non-members \$15

https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=4EV29GFRMAVRL

At the door:

SPE Members \$15

Non-Members \$20

100% of proceeds to purchase SPE Engineering Handbooks for CSUB engineering program

Raffle tickets for door prizes \$5 for 5 tickets



Contestant Form – Chili Cook-off

OCTOBER 11TH

Name (Individual/Team): _____

Team member names: _____

Address: _____

Phone: _____ Email: _____

APPLICATION DEADLINE: OCTOBER 3RD

TABLES WILL BE PROVIDED WITH 2 CONTESTANTS PER TABLE

AND TEAMS WILL HAVE A FULL TABLE.

**PARTICIPANTS WILL RECEIVE THE NUMBER OF EXPECTED ATTENDEES TO
SERVE**

BY OCTOBER 8TH (SERVING SIZE UP TO CONTESTANT).

THERE IS NO CHARGE FOR CONTESTANTS OR ADDITIONAL HELP.

CONTESTANTS WILL RECEIVE 2 FREE TASTING PASS.

Setup time: 3:30pm-4:00pm

Judging time: 4:00pm-6:00pm

Winner announced at 6:30pm

Electrical outlet needed? _____ Yes _____ No

Number of staff or volunteers _____ Number of chairs (1,2,3) _____

Email to: BlytheJohnson@chevron.com

Evaluating Cement Integrity – Using today's Logs

Instructor: Mr. Gary Batcheller, GWB Consultants

Date: October 9th & 10th, 2014 (8:00 am to 5:00 pm)



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

Description:

This 2-Day workshop will illustrate the application of cement logs for cement evaluation which is essential to consistently successful decisions. Highly deviated to horizontal logs are part of the focus. Actual log examples are utilized to illustrate and practice with different type of logs and allow a comparison for log quality. Evaluation using easy applied interpretation techniques and making squeeze or no squeeze decisions. Included are practical guidelines for the successful evaluation of cement integrity. The workshop will include:

- Effects of quality control and the CBL's undoing
- Reliable interpretation techniques
- High angle and horizontal unique problems
- Mud removal techniques discussed Radial acoustic logs with 8 to 16 measurements
- New Technology – its value and limitations
- Identifying Potential problems with cement integrity
- The use of open hole logs to enhance CBL/VDL interpretation
- Understand new interpretation techniques available for light weight, or complex cements

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

Payment & Cost: Payment can be made by check at the door on the first day of class (RSVP in advance by e-mail), or register & pay with a credit card via the PayPal Website (below). The price of this course is \$1,630. Lunch and beverages are included.

RSVP & Paypal Payment Link: [PayPal link for Evaluating Cement Integrity](#)

Target Audience:

This workshop will apply to those professionals involved in cementing, completions and work-over operations. California has more foam or light weight cements pumped than in any other part of North America, and its unique evaluation problems are detailed. Many examples are used to help students evaluate log quality and practice evaluation techniques. Over 2,200 personnel in the oil and gas industry have made better decisions and saved money, employing techniques from this workshop.

Instructor:

Mr. Gary Batcheller has operated GWB Consultants, a technical training and services firm in Oklahoma City since 1989. He was employed for 18 years at Schlumberger Well Services, and held various positions including a training coordinator. Mr. Batcheller has held log workshops for over 275 companies worldwide and authored three papers including "Cement Evaluation Challenges in Horizontal Wells – Guidelines for Providing Meaningful Data" SPE 164513 on 23-26 March 2013 and two on the evaluation of lightweight cement. He has developed simplified and practical techniques to enable industry professionals to better understand logs and their applications. He holds BS degree in Physics from Texas Technological University. He received two SPE service awards including - Award for Distinguished Contribution to Petroleum Engineering in the Area of Formation Evaluation 2011.

“Introduction to API Storage Tank Standards”

Instructor: Mr. John Cornell

Date: November 4-6th, 2014 (8:00 am to 5:00 pm)

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

Announcement:

SJVSPE is proudly sponsoring the – “Introduction to API 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, A complete set of course materials are provided in a binder for each student.

Questions:

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

Payment & Cost:

Payment can be made by check at the door on the first day of class (RSVP in advance by e-mail) or register & pay with a credit card via PayPal (below). The 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: [API Tank Class November 2014](#)

RSVP: Please RSVP to CraigPauley@chevron.com

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) - Tank introduction, Materials, Design, Fabrication, Construction, External/ Internal floating roofs, Marking, and additional design and construction details.

Day two: Existing Tank Evaluation (API-653) – Introduction to tank failures, Brittle fracture, Inspection drivers and considerations, Inspection types and schedules, Safety concerns around tanks, Failure (corrosion) types, etc.

Day three: Production Tanks (API -12F -12B) Tank Materials, Design, Fabrication. Also, (API-12R1), Inspection of field production tanks.

Instructors 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.

Special Requirements: Lap Tops are “not required” and the students are discouraged from using lap tops or smart phones during class.



We match up the latest innovations with breakthrough thinkers to expand what's possible. In Bakersfield, you'll collaborate with the best in the industry on leading-edge projects like cogeneration, enhanced oil recovery, and digital iFields. At Chevron, you'll join a team with the technology to take on big challenges, the integrity to do it responsibly, and the drive to keep the world moving forward.

Are you up to the job? Learn more about Bakersfield engineering opportunities at chevron.com/BakersfieldJobs

**JOIN THE
CHALLENGE.**



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Freeport-McMoRan Oil & Gas

Freeport-McMoRan Oil & Gas, formerly Plains Exploration & Production Company, is a wholly owned subsidiary of Freeport-McMoRan Copper & Gold Inc., a premier U.S. based natural resources producer. Freeport-McMoRan has oil and natural gas assets primarily in North America, including the Deepwater Gulf of Mexico, onshore and offshore California, the Rocky Mountain region, the Eagle Ford and Haynesville shale plays and the emerging ultra-deep gas trend onshore in South Louisiana and on the Shelf of the GOM.

CAREER OPPORTUNITY

SENIOR DRILLING ENGINEER

Plan and implement all phases of well drilling activities. Responsible for drilling engineering and operations for all wells in assigned areas. Responsible for designing vertical, directional & horizontal oil & gas wells. Responsibilities include not only planning, designing & executing the well construction program, but also administering day-to-day drilling operations in the assigned area. Some field work is necessary. Provides technical data, well research and cost estimates to drill to proposed total depth through running cementing the production casing in the most efficient and prudent manner. May be involved in completion and workover operations. Administers various plans, policies and programs related to drilling activities; work closely with contract crews to insure efficient, safe operations; while keeping Drilling Manager advised on progress of drilling activities.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Plan and implement all phases of planning and operations for wells drilled in assigned areas.
- Prepare cost estimates and AFE's for the drilling of wells.
- Evaluate offset drilling data to build correlation packages for estimating well costs.
- Develop the well program for drilling.
- Assist in providing 24 hour supervision on well sites and direct the operations through appropriate field personnel.
- Actively participate in Operational Team consisting of Drilling, Land, Geology, Reservoir, Production, and EHS Personnel.
- Coordinate all necessary permitting requirements. Stay abreast of state and federal laws and regulations as applicable.
- Prepare work scope and evaluate the bidding of goods and services for drilling operations.
- Enforce E&P safety and environmental policies and procedures.
- Represent the Company's Drilling Department at departmental and joint interest meetings.
- Process and route for correct filing field generated paperwork. Review, code and approve vendor invoices on a timely basis. Organize and maintain files on drilling operations.
- Interact daily with contract personnel, and time to time with federal, and state regulatory agencies

POSITION SPECIFICATIONS:

- Must have a B.S. degree in Petroleum Engineering or related field
- 10+ years California experience in the oil and gas industry as a drilling engineer employed by major or independent oil company required.
- Expertise in thermal drilling operations and directional & horizontal drilling is necessary.
- Field operations/rig supervision experience is an advantage.
- Experience with onshore drilling rigs. Deep water, barge, platform, jack-ups and floating drilling experience will be considered a plus.
- Previous field drilling experience is desirable.
- Must have a working knowledge of state and federal regulatory laws and regulations.
- Must be proficient with personal computers and spreadsheet software. Working knowledge of Windows, Excel, e-mail, database management and local area networks.
- Must be able to deal logically and effectively with all levels of management.
- Must be proficient with staff work including oral and written communications.

HOW TO APPLY

Successful candidates will enjoy a generous compensation and benefits package. Qualified applicants must have authorization to live and work in the United States. Sponsorship is not available. Visit our website to apply: www.fcx.com or to mail: Attn: Human Resources, 1200 Discovery Dr., Suite 100, Bakersfield, CA 93309 or Fax 661-395-5283 EOE, M/F/D/V

Our team just got 450 times better



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

Design with community in mind



Increase PRODUCTION and PROFITS



300% Increase in Downhole Pump Run Life

A recent Six Sigma Study shows 300% increase in downhole pump run life.

Watch this 2 minute video comparing a downhole pump with a conventional plunger vs. a FARR plunger, [Click here](#). You will be amazed.

By making one small change in your downhole pumps, you will experience:

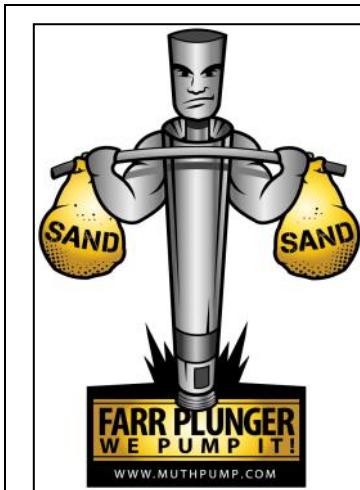
1. Reduce rig count on lease.
2. Reduce personnel and vehicles on lease.
3. **Reduce Health & Safety incidents.**
4. Reduce Exposure to Environmental Spill Incidents.
5. Reduce Operating Expenses and Save your company Money.

You don't even have to change your pump shop or pump supplier, just request a FARR Plunger in your next pump.

Muth Pump has been in business for more than 15 years and we have more than 15,000 FARR Plungers in wells in 17 states in the USA and in 10 different countries. It is proven technology that works.

Please visit our website www.muthpump.com or give us a call for more information.

"By FARR, We Make Your Rod Pumps The Best In The Industry!"



**MUTH PUMP
LLC**

4308 Resnik Court #206

Bakersfield, CA 93313

Office (661) 588-8700

Fax (661) 836-1512



29 Emmons Park Dr.

Taft, California 93268 (661) 763-7700

APPLICATION FOR ACADEMIC EMPLOYMENT

Position Applied For: _____

Personal:

Name (Last)	First	Middle	Social Security Number <small>(Voluntary for Applicants)</small>
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Street Address: _____ City: _____ State: _____ Zip: _____

Home Telephone: _____ Message Telephone: _____

Do you have any existing physical or mental condition that would prevent you from performing the essential functions of the position for which you are applying? Yes _____ No _____

If yes, please describe this condition: _____

Have you ever been dismissed from any teaching position? Yes: _____ No: _____

If yes, please explain: _____

If you have been convicted of a crime other than a minor traffic violation, you are required to discuss the nature of the offense with the personnel officer prior to employment. (Note: the existence of a criminal record does not constitute an automatic bar to employment.)

Degrees/Graduate Study:

	Type of Degree	Subject Major and Minor	Institution	City/State
H.S. Diploma/GED	X			
Associate				
Bachelor's				
Master's				
Doctorate				
Other Grad Study				

Teaching Experience (most recent first):

School or District	City/State	Teaching Assignment or Title	Full Time	Part Time	From (Mo/Day/Yr)	To (Mo/Day/Yr)

Work Experience:

(With most recent first, list any relevant paid, unpaid or volunteer work experience for the position for which you are applying.)

School or District	City/State	Teaching Assignment or Title	Full Time	Part Time	From (Mo/Day/Yr)	To (Mo/Day/Yr)

Armed Forces Service:

Branch	Assignment	Total Months Service

Other Professional Data:

Major Teaching Field:	Total Semester Units in Major:	Minor Teaching Field:	Total Semester Units in Minor:
Total number of semester units since date of Bachelor's degree (1 qtr. unit = 2/3 sem. unit):		Total years teaching experience:	

List subjects credentialed to teach:

(1) _____ (2) _____ (3) _____ (4) _____

Specific areas of emphasis in academic major or technical/vocational specialty:

List other professional activities relevant to this position:

Credentials, Confidential Placement Papers:

Types of California credentials now held authorizing community college services:	Issue Date	Expiration Date

Are you or have you ever been a member of the California Teachers' Retirement System? Yes_____ No_____

Has your credential ever been suspended or revoked? Yes_____ No_____

Placement papers are on file with the following Placement Office:

Address	City/State	Zip Code
Under the name of:	Does the Placement Office require the College to request your placement papers?	Yes No
	Have you requested your file be sent to the College/District?	

Professional References:

(If not registered with Placement Office – include only those who have knowledge of your teaching or work experience.)

Name	Position	City/State	Telephone
			()
			()
			()
			()

Individuals selected for academic positions are required to complete the following PRIOR to employment:

*Sign a loyalty oath.

*Provide official transcripts.

*Provide evidence of eligibility to be employed in the U.S.

*Submit written verification of experience.

*Take and pass a physical examination at the District expense.

*Submit original credential(s), if appropriate.

*Provide proof of freedom of tuberculosis by X-ray or intradermal test at the District expense.

*Submit fingerprint cards (within 10 days of employment).

I HEREBY AUTHORIZE the West Kern Community College District to obtain personnel information from any previous employers or references.

I HEREBY CERTIFY that all statements made hereon are true and correct to the best of my knowledge. I understand that any false statements made on this application may be cause for non-employment or for dismissal, if employed.

Signature: _____

Date: _____

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

SJV Section of SPE, PO BOX 21135, Bakersfield, CA 93390

sjv.spe.org

Taxpayer ID# 75-2001539

Company Information:

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

Monthly Advertising Rates: (circle one)

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	Start Date:	
One Month Cost		<input type="checkbox"/> Paid in Full
# Months Run	_____	
TOTAL Due:		<input type="checkbox"/> Payment Due

If possible, please provide payment at time of placing advertisement.

Please make checks payable to " San Joaquin Valley Section of SPE "

Special Instructions:

Art Work: (circle one)

Camera Ready Art	Black & White Copy
Business Card	Diskette

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

**Mojtaba (Reza) Ardali, SPE Board Member
Oxy Inc**

**Or Preferably Email to
Mojtaba_Ardali@oxy.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 **Mojtaba_Ardali@oxy.com**