



May 2016

West Coast Driller

A Publication of the West Coast American Association of Drilling Engineers
 P.O. Box 9953, Bakersfield, CA 93389
www.aade.org

Monthly Technical Forum

May 19, 2016

Topic
 Ensuring Long Term
 Cement Integrity for Steam
 Recovery Operations

Time
 5:30 PM Social Hour
 6:30 PM Dinner
 7 PM Technical Forum

Place
 Rice Bowl

Cost
 \$25 if RSVP

RSVP
[AADE RSVP](#)

2016 Board of Directors

OFFICERS

President	Craig Hossfeld	CRC	428-4470
1st VP	Wyatt Shipley	Vaquero	444-0888
Treasurer	Jason Mundorf	SJ Bit	201-6704
Secretary	Josh Kyles	GeoGuidance	304-7577

CHAPTER REPRESENTATIVE

Brian Krause **448-2074**

Curator Belle Hernandez E&B 616-6168

STEERING COMMITTEE

Travis Adams	Geo	325-5919	Steve Johnson	E&B	337-9243
David Arias	Kenai	304-0066	Bernadette Jurica	E&B	428-5908
Danny Caraan	Weir	303-8615	Larry Lorenz	Ensign	589-0111
Jim Cessar	Baker Hughes	699-3704	Danny McCall	Di Drill	345-3979
Brad Elliot	Seneca	391-3545	Danny Moreno	Nalco	598-3163
Jim Fox	Driltek	327-3021	Trent Rosenlieb	Linn Energy	616-3813
Clayton Gossett	CRC	477-3992	Tim Spriet	Driltek	327-3021
Chad Hoggard	Patterson	203-5015	Pat Sullivan	Ensign	201-7722
Fred Holmes	Holmes Western	763-1537	Tim Zdarko	Aera	665-5356

From the President

Hello again members of the West Coast Chapter of the AADE. May is here, and with it comes the heat. I know I mentioned heat awareness last month, but I believe that it cannot be stressed enough at the beginning of the summer season. It seems like every year since I moved to the valley I hear of a heat related incident right as the heat is coming on. As the weather begins to consistently be above 85 degrees during the day, we really need to give our bodies time to acclimate to the heat. Take it slow and drink a lot of water.

The board would like to thank Mr. Bartling for joining us last month, and providing his insight on the industry from a regulatory standpoint. I know that things can get heated between the industry and our regulating bodies, but we must remember to work together towards a common goal of producing oil in a safe and environmentally friendly manner.

Everyone please do not forget to sign up for the Steve Thomas Semi-Annual Shoot. The event is on May 20th and will once again be held at Five Dogs shooting range. The signup fliers should be

in your inbox, as well as attached to this newsletter, and I must yet again make a plug for anyone who is willing to donate raffle prizes. The raffles at our events go a long way in supporting our scholarship fund each year.

This month we will be joined for our technical meeting by Mr. Tim Davis at the Rice bowl on the 19th. Mr. Davis is the Technical Director for TAM International, and he will be speaking about cement integrity for steam recovery operations. As always, please be sure to RSVP for the technical meeting so we make sure to have enough seating and food for everyone, and so you can be eligible for the lucky member of the month drawing!

Sincerely,

Craig Hossfeld

CRC



Calendar Events 2016

May 19, 2016	Technical Forum Meeting
May 20, 2016	Sporting Clay Shoot
June 16, 2016	4th Annual West Coast BBQ & Scholarship Awards Night
August 18, 2016	Technical Forum Meeting

This schedule is tentative and subject to change

Guest Speaker: Tim Davis (Technical Director for TAM)

Ensuring Long Term Cement Integrity for Steam Recovery Operations

Assets which require steam injection to produce heavy oil present many challenges to well bore integrity. All the best efforts to ensure a competent cement sheath can be executed operationally and with advanced cement chemistry, yet migration of steam can still occur. Formation integrity or pore pressure often get in the way of the perfect cement job. If the perfect cement job could be obtained, the forces introduced into the casing during steam injection often compromise cement integrity. These issues are manifested when steam pressure is noted at surface on one or more annuli.

Using swellable packer technology as a compliment to cement has been a strategy that has been around for 10 years. Advances in elastomer and packer design have allowed the use of swellable packers to be included in wells which require steam injection. During a well design, considering the placement of swellable packers in critical areas, such as below casing shoes or in an outer annulus is routinely done in the oil industry. This approach has also been adopted in wells which will experience steam injection. Additional uses of high temperature swellable packers include zone isolation in non-cemented applications and remedial operations to repair damaged wells. Case histories will be presented highlighting the use of high temperature swellable packers.

Bio

Tim Davis is the Technical Director for TAM International headquartered in Houston, Texas and has been with the company for nine years. He manages Technical Services, Product Line Managers, Marketing, and Training. Prior to working for TAM, Tim spent 19 years in the wireline industry in both the cased hole and open hole markets. He has authored and co-authored a number of SPE papers. He is a graduate of Texas A&M University with a Bachelor of Science degree in Petroleum Engineering.



LMOTM: Tim Frame (MTS)



Tim arrived in CA in Jan 1982 with a newly printed Petroleum Engineering degree from West Virginia University. Halliburton financed Tim's education by allowing him to work 80-100 hours/week in the Appalachian Basin during the boom year summers of 1978-79-80-81. He came west when Gulf Oil said Bakersfield was near the beach. The closest he came to drilling engineering was training on a Gulf Oil drilling rig for 5 weeks in Odessa, TX. The training prepared him to be an Environmental rig monitor for the Cross Island Alaska exploration well from Oct 1983 to April 1984.

He then worked for Chevron at Elk Hills for 5 years then Taft for 4 years as a Production engineer. He switched to oil service when BJ Services needed a District Engineer in Ventura in 1995. He primarily worked on offshore platforms doing cementing and acidizing. He came back to Bakersfield in 1999 as a salesman for BJ. He helped BJ Services land the Aera Belridge fracturing contract in 2004. He was the SJV SPE Chapter Chairman for 2005-2006. He became the Pressure Pumping Sales Manager when Baker Hughes bought BJ Services in 2010. In 2014 he switched back to salesman as a BDM. He now works for MTS Solutions in acidizing sales.

He has been married to Kathleen for 30 years. She teaches 4th grade in the Norris School District. They have twin sons Grant and Ethan, who both graduated from CalPoly SLO in 2015 with MS Computer Science. Both are employed in the computer industry in Southern CA.





Steve Thomas Semi-Annual Shoot
5 DOGS SHOOTING RANGE FRIDAY - MAY 20th, 2016
SHOOT & LUNCH \$125.00; STATION SPONSOR \$200.00

<u>SHOOTER</u>	<u>COMPANY</u>	<u>PHONE</u>	<u>\$25</u> <u>2015 AADE MEMBERSHIP</u>	<u>\$125</u> <u>ENTRY FEE</u>

STATION SPONSOR DONATION: \$200.00

TOTAL DUE: \$ _____

CHECKS, VISA or MASTERCARD accepted: (Or 123 Signup on Next Page)
Method of payment: Check _____ Master Card _____ VISA _____

Print name as it appears on card _____
Signature _____
Card Number: _____ Exp Date: _____ CVV _____
Billing Address and Zip Code: _____

ENTRY DEADLINE: May 20th, 2016
REGISTRATION STARTS at 7:30am
SHOOT STARTS at 9:00am

PLEASE SUPPORT the SCHOLARSHIP FUND by being a SPONSOR or Donating Raffle Prizes

Make checks payable to: AADE, P.O. Box 9953, Bakersfield, CA 93389
Questions or Donations: Brian Krause: 448-2074, Danny Caraan: 303-8615, Jason Mundorf: 201-6704, Pat Sullivan: 978-6740, Danny McCall 345-3979

Would you like to share our space?

Your audience is:

517 email readers
&
AADE Website

Advertising 1 year - 1/2 page	\$750
Advertising 3 months - 1/2 page	\$250
Advertising 1 year - Business Card	\$300
Advertising 3 months - Business Card	\$100

Please call or email Tim Spriet 327-3021 Tim.Spriet@driltek.com.



2015
BBO CHAMPIONS
3PEAT

Tubular Inspection
Company, Inc.



Congratulations
to Tubular
Inspection
3 years in a row!



JD Rush Company



"The One Stop Shop"

Celebrating 80 years of Service!

- Gritblasting up to 14"
- EMI inspections / Mobile EMI
- Drifting up to 20"
- Wire Wrap Screens
- Gravel Packing
- Down Hole Tools
- Slotting/Round Hole Perforating
- API Threading up to 13 3/8"
- Customer Storage of material
- Proprietary Threading
- Drilling with Casing
- Flush Joint Threading
- Rail Spur Access

5900 E. Lerdo Hwy

Office: 661-392-1900

WWW.JDRUSH.COM



Di Drill is a locally grown company that offers services and answer products for the oil, gas, and geothermal industries.

Safety and service quality are of the utmost importance within our organization.

Call us: (661)345-3979
Visit us: www.didrill.com

Gyro Services

- Real Time Gyro Surveying
- Memory Gyro Surveying
- Gyro Orientations
 - o Whipstocks
 - o Perforating

Equipment Rentals

- Non Mag Drill Collars
- Non Mag Pony Collars
- UBHO Subs
- Lifting Subs
- Crossovers

E-Line Services

- Mast Unit for Rigless Operations
- Gyro Surveys
- Downhole Camera
- Pressure/Temperature Logs

Slickline Services

- Mast Unit for Rigless Operations
- Pressure/Temperature Logging
- Fill Tags
- Gauge Rings
- Sample Bailing
- Sand Bailing



Together, we're Taking Energy Further™

Nalco Champion, an Ecolab company, offers a singular focus on providing specialty chemistry programs and related services for upstream, midstream and downstream oil and gas operations. Through onsite problem solving and the application of innovative technologies, we deliver sustainable solutions to overcome complex challenges in the world's toughest energy frontiers. Together, we're taking energy further. Visit nalcochampion.com to learn more.

NALCO Champion,
An Ecolab Company
4900 California Avenue Suite
350B, Bakersfield, CA 93309

T 661.864.7955
Derek Stanley: dbstanley@nalco.com
Clint Hensley: clint.hensley@champ-tech.com
Ray Watson: raymond.watson@nalco.com



Ecolab, Nalco Champion, Nalco, the logo and taglines are trademarks of Ecolab USA, Inc. ©2014 Ecolab USA, Inc. All Rights Reserved.

nalcochampion.com

NALCO Champion
An Ecolab Company

