

The Alaska Driller

The Newsletter of The American Association of Drilling Engineers
Anchorage, Alaska Chapter - PO Box 93538 Anchorage, AK 99509-3538

AADE AK Chapter MISSION

To provide the forum for the dissemination of practical drilling technology to those employed or interested in the drilling industry.

A.A.D.E. Monthly Forum

When: Wednesday – March 18, 2015

RSVP by EoB
Mon 3/16/15

Time: 11:30-1:00

Where: BP Atrium level Conference Rooms A,B&C
900 East Benson Blvd.

Speakers: Schlumberger - Eron Singleton, Senior Geoscientist, SIS
Thru Tubing Solutions - Roger Schultz, Engineering Manager

Topic: CONTRACTORS FORUM
An overview of advances in Drilling Technology

Reservations: RSVP via 123 Signup

<https://www.123signup.com/register?id=yhqng>

From the President by Eric Dompeling, SolstenXP eric.dompeling@solstenxp.com

Our February Operators Forum was held at BPXA this past month and based on the attendance was huge success, well over 100 people turned out to hear about the state of the drilling industry in Alaska from a variety of Companies, both large and small.

The speakers for four operating Companies were; **Steven Ratcliff**, Cook Inlet Energy; **Randall Kanady**, ConocoPhillips Alaska; **Paul Mazzolini**, Hilcorp; and **Greg Mattson**, BP Exploration Alaska. Thank you Gentlemen, for your time and the presentations to the AADE members. Although Alaska activity is not what it once was, it is holding steady, and in this price climate

For those interested in **seeing the presentation** information we have obtained permission to place them all **on the AADE Alaska Chapter website** section.

<http://www.aade.org/chapters/alaska/presentations/>

This month's lunch meeting is the Annual Contractors Forum, which has always proven to be the second best attended lunch meeting of the year, don't forget to RSVP early to make sure you get to hear from our speakers this year.

In many respects our industry is driven by the ability to innovate. Although new technology is

not always quickly adapted, once it has been proven it has a significant impact on the ability to drill for, and produce hydrocarbons. Our presenters this month might inspire the next opportunity.

Membership Renewal

If you have not done so yet, please renew your AADE Membership for 2015 The membership is \$20 for the calendar year.

	Dec-13	Nov-14	Mar-14	Mar-15
Total Registered in 123SignUp	413	508	434	513
Members (current)	177	168	122	109
Student members (current)	39	39	39	39
Non-members	77	98	58	87

Registration: <https://www.123signup.com/register?id=yhqng>

AADE National Report by Brandon Barnes, NOV Brandon.Barnes@nov.com

Alaska will be receiving 200 AADE Brochures from National Organization. The brochure's explain the mission, vision, and values of AADE and has a description of our initiatives; The Knowledge Box, our scholarship programs and our support for University programs and education. The brochures are intended as an outreach to the general public, to provide a greater understanding of what we do and general awareness of our organization.

The AADE has general liability insurance and Directors and Officers Liability insurance for all national board members, committee members, chapter officers and steering committee members.

The Houston Chapter recently held their annual Fin Feather or Fur Food Festival and now has an additional \$183,000 for the benefit of charities, University programs, and the Knowledge box.

AADE Board of Director Elections 2015-16

The Alaska Chapter of AADE will be presenting candidates for the Board of Directors at the March meeting. This will provide AADE members an opportunity to meet the individuals that will help guide the Alaska Chapter for the coming year.

The steering committee provides the direction of the chapter through active participation at board meetings, lunch meetings as well as fund raising event planning and management.

Following the March meeting, the ballots will be available on the AADE Website. Voting will be available until mid April, when the votes will be tallied and the composition of the Board will be announced at the April Meeting.

2015 AADE SCHOLARSHIP PROGRAM

The 2015 Alaska AADE Scholarship information and applications are attached, and also available via the link below. Applications must be received by **April 19, 2015**. Applications will be accepted via mail or email.

Please cascade this to anyone who might be interested in applying for these scholarships. Let me know if you have any questions, or if you would like to be removed from the mailing list.

Questions regarding this application can be sent to Garret Staudinger at:
garret.staudinger@bp.com



AADE (Alaska)
Scholarship-2015-Coll



AADE (Alaska)
Scholarship-2015-High

<http://www.aade.org/chapters/alaska/>

The Knowledge Box

The Knowledge Box is a traveling exhibit showcasing the many aspects of the oil and gas industry. The KBOX includes teacher resources, hands-on activities and interactive lessons correlated to State and National Science Standards. This educational curriculum follows the line with other national initiatives such as "Project Learning Tree", "Project Wild", and "Project Wet". With forestry, wildlife, and water resources covered, and education guide covering energy is a natural fit for the next national initiative - particularly an education guide that would cover all aspects of energy including engineering issues. The curriculum would be for all grade levels.

Contact Brandon Barnes, AADE National Representative for further information.

The enclosed is a reminder to the AADE Speakers and Membership that we abide by this policy at all times!

American Association of Drilling Engineers Antitrust Policy

Background

The antitrust laws of the United States were enacted to prevent companies, or groups of companies, from engaging in unfair trade practices. One aspect of these laws deals with companies working together to restrict competition (collusion). Industry associations, by nature, call for companies to work together on various issues. It is not illegal for competitors to work together, unless in doing so they are restricting competition within a given industry. Because of this, various government bodies that are charged with enforcing the antitrust laws keep careful watch over industry organizations such as the American Association of Drilling Engineers ("AADE"). That is why it is important that all AADE meetings be conducted to avoid even the appearance that members have done anything improper. It is the responsibility of each member to avoid raising improper topics for discussion.

REMEMBER: Both your company and you as an individual can be prosecuted for violations of antitrust laws. A conviction for violating antitrust law may result in stiff fines for the association and its individual members and their employers, jail sentences for individuals who participated in the violation, a consent decree under which the association must operate or a court order disbanding the association.

Antitrust Policy

It is the policy of AADE to comply fully with all federal and state antitrust laws and neither AADE nor its facilities or systems may be used by any member for any improper or unlawful purpose.

Those participating in AADE activities at all levels, including work groups, project teams, steering committees, etc., need to proceed with caution to ensure against inadvertent violations of federal and state antitrust laws.

Agendas, minutes or other records of all meetings must be kept on file at AADE to document the topics discussed. The following topics should be strictly avoided in all discussions at AADE (a reminder will be read at the start of each meeting in the form of the attached statement):

Regarding your company's and/or your competitors:

Do not discuss current or future leasing or drilling plans that are not public record or unannounced.

Do not discuss any internal or confidential information on oil prices or forecasts.

Do not discuss confidential or proprietary leasing or drilling procedures or processes.

- **Do not** discuss leasing terms.
- **Do not** discuss controlling sales, leases or allocating properties.
- **Do not** discuss future leasing strategies.
- **Do not** discuss capacity or production forecasts.

Regarding your company's and/or your competitors' selection of their suppliers:

- **Do not** discuss refusing to deal with any company or supplier.
 - **Do not** discuss strategies or plans to award business or remove business from a specific company.
 - **Do not** discuss terms of sale of supplier contracts, supplier performance, or supplier bid rounds.

Regarding your company's and/or your competitors' trade secrets:

- **Do not** discuss trade secrets or confidential information of your company or any other member.

Student Section News

3 Student abstracts were submitted by the University of Fairbanks, for the AADE Technical Conference, they were not selected for presentation. However, we wish to congratulate them on the effort put forth - Congratulations!

Max Martell - *Heavy Oil Development in the Presence of Permafrost: An Innovative Approach*

Nolan Youngmun - *Optimized Drilling Program to Unlock Free Gas from a Gas Reservoir With Methane Hydrates* - Barrow, Alaska

Ryan McLaughlin - *Modeling Wellbore Heat Transfer into Permafrost for Improved Drilling and Protection of Infrastructure in the Arctic*

- The AADE is in the planning stages of the annual student field trip to the Cook Inlet region this spring. More information to follow once the dates are finalized.

The UAF AADE Student Section recently opened the Drilling/Drilling Fluids Laboratory for the Fairbanks Community with displays and hands-on activities, during the Engineering Week on the UAF Campus.



AADE Student Section Secretary Ron Burgett (Left), and Treasurer Scott Begins (Right), answer questions from a young girl who wants to be an engineer!



UAF AADE Student Section President Cliff Enochs makes drilling mud (Chocolate Milkshake), for young aspiring engineers



The future Engineers enjoy hands on activities like building drilling rigs using Marshmallows and Toothpicks



The E-week event was a great success with over 600 individuals visiting the UAF Engineering Departments

AADE Monthly Forum – Save the date

03/18/15

March: Contractors Forum, BP Atrium Conference A,B&C
Presentations from;
Schlumberger and Thru Tubing Solutions

4/15/15

April: Forum - Speaker to Be Announced

5/20/15

MAY: Forum – Speaker to Be Announced

5/29/15

May: Fin Feather or Fur Food Festival

AADE National Technical Conference and Exhibition, April 8- 9, 2015

AADE Members,

The American Association of Drilling Engineers National will host a **Technical Conference and Exhibition** covering subjects considered to be improvements and innovations in drilling operations. This conference will be of interest to major and independent operators, service companies, drilling contractors, equipment and materials manufacturers. The conference will be held at the Henry B. Gonzalez Convention Center, San Antonio, Texas on **April 8-9, 2015**.

If your company is interested in participating in the event as a sponsor or an exhibitor, please use the link below to register.

<http://www.aade.org/2015-national-technical-conference-and-exhibition/>

For questions, please contact:

Arnold Garcia- Sponsors
arnoldg@novadirectional.com

Chip Olds - Sponsors
chipo@stabildrill.com

Sharon Sedwick - Chair
Sharon@gatequeardservices.com

Lisa Mainz - Exhibitors
lmainz@aeaicc.com

Rooms may be booked at:
Hyatt Regency San Antonio Riverwalk
123 Loyosa St.
San Antonio Texas 78205
210-222-1234
Code: American Association of Drilling Engineers

Registration Information Coming Soon!

For further information contact:
American Association of Drilling Engineers - Houston Chapter
Phone: 281.293.9800
Email: houston@aade.org
<http://www.aade.org>

PO Box 107 | Houston TX 77001-0107

Registration Powered by 123Signup



[American Association of Drilling Engineers](http://www.aade.org)

Tips From the State of Alaska

By: Guy Schwartz - guy.schwartz@alaska.gov 907.793.1226

Permitting Statistics (as of February 28, 2015)

Permits to Drill:	2015- 51	2014- 36
Sundry Notices:	2015- 119	2014- 122

Maximum Anticipated Surface Pressure (MASP) calculation for Sundry Well work

A Rig or CTU workover operations should always include a calculation of the expected MASP with the sundry application as stated in 20 AAC 25.280(b)(4).

The standard surface pressure calculations is:

Bottom Hole Pressure (BHP) minus 0.1 psi/ft gas gradient back to surface.

However, alternative pressure calculations are permissible if you are in a developed pool/field with known fluid types, or the well has a long term shut in pressure.

If you are using an alternative pressure gradient back to surface, the calculation must be shown and state the assumptions you are using for the calculation. If the sundry operation includes perforating the well into an unknown pressure zone; a worst case pressure gradient/BHP should be submitted.

MASP calculations are used to determine what test pressures will be required for the BOPE equipment as part of the sundry application conditions of approval.

In general, even if the MASP is a near zero psi, the minimum assigned test pressure will always be at least 50% of the BOPE equipment rating.

Annular BOP are always 50% of rated pressure unless otherwise stated.

As always, contact an AOGCC representative with any questions.

Please share this column with others in your organization.

2014-2015 Alaska BOARD OF DIRECTORS

OFFICERS

PRESIDENT	Eric Dompeling	264-6107	eric.dompeling@solstenxp.com
1ST VP– PROGRAMS	Stephen Lauper	952-0445	slauper@slb.com
2ND VP– MEMBERSHIP	Gary Eller	263-4172	j.gary.eller@conocophillips.com
SECRETARY	Mark Fairbanks	273-4741	mfairbanks@slb.com
TREASURER	Tom Rawlins	263-3787	tom.d.rawlins@conocophillips.com
NATIONAL REP	Brandon Barnes	230-7990	brandon.barnes@nov.com

STEERING COMMITTEE

Mary Endacott	BP - Past President	564-5111
Lowell Crane (2 nd yr.)	BP	564-5111
Candice Burke (2 nd yr.)	Tikigak	230-3816
Bob Coolidge (2 nd yr.)	BP	564-5776
Jacob Thompson (2 nd yr)	BP	564-5579
Dallas Rhodes (1 st yr)	MI-Swaco	360-7607
Trevor Hyatt (1 st yr)	BP	564-4627
Jesse Salyer (1 st yr.)	Baker Hughes	267-3464
Garret Staudinger (1 st yr)	BP	564-4242
Cody Rymut (2 nd yr)	Student Chapter Liaison - BP	564-5111

UAF STUDENT SECTION OFFICERS

Cliff Enochs	President	
Ron Burgett II	Secretary	
Scott Begins	Treasurer	
Shirish L. Patil	Faculty Advisor – UAF	slpatil@alaska.edu

AADE Meeting News (Please post in Coffee Rooms)

Date:	Wednesday, March 18, 2015
Speaker:	Schlumberger Thru Tubing Solutions
Topic:	THE CONTRACTOR FORUM - An overview of advances in Drilling Technology
Time:	11:30 A.M. – 1:00 pm
Place:	BP Conference Rooms A,B & C 900 East Benson
Cost:	\$25 for all members before 3/16 \$30 after 3/16
	Attendance limited to 80 people
Reservations:	AADE.org > Alaska

To register for any other event, click on **calendar** in 123signup and you will see a list of active events.

Call for Cooking Team

13th Annual Fin, Feather or Fur Food Festival

Friday, May 29, 2:30-7 p.m.

Unique Machine

Get Your Team together and **Let's get Cooking!**

This unique cook-off competition gives cooking teams a chance to show off their culinary skills, favorite recipes and showmanship. Help our local chapter raise funds to support scholarships and our local food charities.

For more information;

Michelle Steward: michelle.steward@cenergyintl.com

Mike Yore: Michael.Yore@weatherford.com

The Food Festival has raised money for the benefit of:

- **Scholarships** to ALASKAN college age young people
- **Lectures series at UAF** The AADE program supports presented by AK Oil and Gas industry people to educate and inform students of the types of work/jobs available.
- The **Knowledge Box Program** AADE provides educational materials and lesson plans for teachers in K-12 across the state of AK.
- **Charitable Contributions** Jim Crocket/**Beans Cafe** announced (in 2011) that the donation from AADE was 60% of their cash operating budget for that year! Astounding fact. **Kid's kitchen** and **Downtown Soup Kitchen** are two more of the charities that see huge benefit from our event.