A.A.D.E. Monthly Forum

When: Wednesday – March 18, 2015
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.

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<thead>
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<td>Student members (current)</td>
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Registration: [https://www.123signup.com/register?id=yhqng](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

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.
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.
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

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

- **April:** Forum - Speaker to Be Announced

- **May:** Forum – Speaker to Be Announced

- **May:** Fin Feather or Fur Food Festival
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.


For questions, please contact:

Arnold Garcia- Sponsors
arnoldg@novadirectional.com

Chip Olds - Sponsors
chipo@stabildrill.com

Sharon Sedwick - Chair
Sharon@gategueardservices.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
Permitting Statistics (as of February 28, 2015)
Permits to Drill: 2015-51  2014-36

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:

\[ \text{Bottom Hole Pressure (BHP) minus 0.1 psi/ft gas gradient back to surface.} \]

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.

\[ \text{Annular BOP are always 50% of rated pressure unless otherwise stated.} \]

As always, contact an AOGCC representative with any questions.

Please share this column with others in your organization.
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<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
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<tbody>
<tr>
<td>President</td>
<td>Eric Dompeling</td>
<td>264-6107</td>
<td><a href="mailto:eric.dompeling@solstenxp.com">eric.dompeling@solstenxp.com</a></td>
</tr>
<tr>
<td>1st VP - Programs</td>
<td>Stephen Lauper</td>
<td>952-0445</td>
<td><a href="mailto:slauper@slb.com">slauper@slb.com</a></td>
</tr>
<tr>
<td>2nd VP - Membership</td>
<td>Gary Eller</td>
<td>263-4172</td>
<td><a href="mailto:j.gary.eller@conocophillips.com">j.gary.eller@conocophillips.com</a></td>
</tr>
<tr>
<td>Secretary</td>
<td>Mark Fairbanks</td>
<td>273-4741</td>
<td><a href="mailto:mfairbanks@slb.com">mfairbanks@slb.com</a></td>
</tr>
<tr>
<td>Treasurer</td>
<td>Tom Rawlins</td>
<td>263-3787</td>
<td><a href="mailto:tom.d.rawlins@conocophillips.com">tom.d.rawlins@conocophillips.com</a></td>
</tr>
<tr>
<td>National Rep</td>
<td>Brandon Barnes</td>
<td>230-7990</td>
<td><a href="mailto:brandon.barnes@nov.com">brandon.barnes@nov.com</a></td>
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<tr>
<td>Mary Endacott</td>
<td>BP - Past President</td>
<td>564-5111</td>
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<tr>
<td>Lowell Crane (2nd yr.)</td>
<td>BP</td>
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<tr>
<td>Candice Burke (2nd yr.)</td>
<td>Tikigak</td>
<td>230-3816</td>
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<tr>
<td>Bob Coolidge (2nd yr.)</td>
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<td>Jacob Thompson (2nd yr)</td>
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<tr>
<td>Dallas Rhodes (1st yr)</td>
<td>MI-Swaco</td>
<td>360-7607</td>
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<tr>
<td>Trevor Hyatt (1st yr)</td>
<td>BP</td>
<td>564-4627</td>
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<tr>
<td>Jesse Salyer (1st yr)</td>
<td>Baker Hughes</td>
<td>267-3464</td>
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<tr>
<td>Garret Staudinger (1st yr)</td>
<td>BP</td>
<td>564-4242</td>
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<tr>
<td>Cody Rymut (2nd yr)</td>
<td>Student Chapter Liaison - BP</td>
<td>564-5111</td>
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<tr>
<td>Cliff Enochs</td>
<td>President</td>
<td></td>
<td><a href="mailto:sliatpil@alaska.edu">sliatpil@alaska.edu</a></td>
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<tr>
<td>Ron Burgett II</td>
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<tr>
<td>Scott Begins</td>
<td>Treasurer</td>
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<tr>
<td>Shirish L. Patil</td>
<td>Faculty Advisor - UAF</td>
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<tr>
<td>Date:</td>
<td>Wednesday, March 18, 2015</td>
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<td>Thru Tubing Solutions</td>
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<td>Topic:</td>
<td>THE CONTRACTOR FORUM - An overview of advances in Drilling Technology</td>
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<td>Time:</td>
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<td>Place:</td>
<td>BP Conference Rooms A,B &amp; C 900 East Benson</td>
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<td>Cost:</td>
<td>$25 for all members before 3/16</td>
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<td>$30 after 3/16</td>
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<td>Attendance</td>
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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.