Greetings!

What a busy month we have had here at AADE Permian Chapter! As you should all know by now I just can’t say enough about our officers and steering committee! Being the oldest AADE officer, I decided early on in my time as President to focus on a local AADE team that wants to be engaged in our type of volunteer work and prepare themselves as our young leaders in this industry. Time and again they have proven their support, offered insight at business meetings, and always approachable any time of the day.

In mid-September we had our Bit Technology Forum which everyone seemed to enjoy. Thank you also to each of you who sponsored! While the forum was going on I made a trip to Socorro, N.M. to visit with the PE faculty and the new NMT student chapter. I was able to meet some bright young students that are eager to start their career in this industry. Keep these students in mind as you add PE’s to your team! We will be attempting to find a couple of oil or service companies to consider a road trip there in the coming months to discuss either case histories or drilling techniques. One last thing regarding NMT, they are searching for a company willing to donate to their complete remodel of an existing room to create a new classroom. If funded by you they will name the classroom after the company who can financially support the endeavor. If you are interested just let me know.

It’s only two days to our annual AADE “666” golf tourney. I hope you put a team in! If not, see Trey Garmon today-final call!

Our October meeting returns us to the Case History Series with Kyle Marshall speaking on Permian Basin ERD Optimization regarding Laredo’s 15k lateral length wells. I hope to see you at the meeting! On November 13th, we will wrap up the year’s luncheon with a Fasken case history. December closes the year with our annual Christmas get-together on December 6th.

Best,
Scott Williams
Kyle Marshall - Laredo Petroleum

Kyle Marshall moved to West Texas from Ft. Myers, FL in order to attend the University of Texas Permian Basin (UTPB). While at UTPB, Kyle was a member of the men’s varsity swim team, where he competed all four years and served as team captain for the final two. During his senior year at UTPB, Kyle was a founding member of the AADE student section and continues to serve as the UTPB student liaison on the Permian Board. Kyle graduated with bachelor’s in petroleum engineering from the University of Texas Permian Basin in May 2015. While in school, Kyle began interning with Laredo Petroleum during the summer of 2014. The internship continued through Kyle’s final year of school, and he was hired as a full-time drilling engineer upon graduation. Throughout his career at Laredo, Kyle has had exposure as both an office-based engineer, as well as a rig site supervisor, and currently oversees horizontal drilling operations across Glasscock and Reagan Counties.

TODAY'S PRESENTATION
Permian Basin ERD Optimization

Our Steering Committee members are here to serve you. Please give us feedback and ideas on how we can improve our chapter of AADE. Gerrit Bennis — Chairman mbennis@cameron.slb.com

We appreciate our sponsors. If you would like to sponsor a meeting, please contact Josh Sperry—Program Chair jsperry@arcoperating.com or 432-894-8331.

Calendar Upcoming Events 2018

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>October 11, 2018</td>
<td>AADE Golf Tournament</td>
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<tr>
<td>November 13, 2018</td>
<td>Luncheon</td>
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<tr>
<td>December 6, 2018</td>
<td>Christmas Social</td>
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*This schedule is tentative and subject to change*
Giving back to the Community

Funds donated to the “Oil Patch Kids” from the summer “Shindig”. This will become an annual event where the Permian AADE, along with these other non-profit organizations, IADC, PBADD, SPE YP, and WEN join together for fellowship, networking with newcomers, and helping the community through possible giving opportunities.

Pictured left to right are, Roman Budinsky – AADE, Scott Slater – AADE, Fumi Balogun – SPE YP, Mike Elphick – PBADD, Susan McHughes – Oil Patch Kids, Scott Williams – AADE, Ayodeji Daramola – SPE YP.
We Would Like to Thank The Sponsors for this Month’s Permian Basin AADE Luncheon Presentation
2018
Upcoming EVENTS

GOLF TOURNAMENT
October 11, 2018

2018 Christmas Social
December 6th
We are looking ahead to next years presentation schedule.

We encourage our members to share lessons learned and highlights gleaned form our member base. If you have a presentation or “Case History” pertaining to or relevant to the Permian Basin and would like to be a presenter at one of our luncheons, please let us know by contacting Josh Sperry at jsperry@arcoperating.com

We will request an overview, or the actual presentation, to review anything submitted for consideration, prior to approving and adding the presentation to our schedule.

Thank you very much.

Permian Basin AADE Board of Directors
Industry Training October 2018

We provide quality training programs designed to keep oil and gas industry professionals current in their areas of expertise by offering the latest industry updates, as well as providing timely and pertinent educational opportunities. This guide presents training programs offered October 2018.

DRILLING
Oct 08 - 12 IADC WellSharp Well Control; Drilling/Workover; Larry Chapman

ENGINEERING
Oct 01 - 05 PetroSkills: Surface Production Operations; Cliff Redus, PhD
Oct 08 - 09 Hydraulic Fracturing in Horizontal Wells; Jennifer Miskimins, PhD
Oct 08 - 12 PetroSkills: Electrical Submersible Pumps; James Lea, PhD
Oct 10 - 11 Petroleum Engineering for Non-Engineers; Jennifer Miskimins, PhD
Oct 12 Professional Technical Sales; Paul Hughes
Oct 22 Polymer Gels for Conformance Improvement; Randy Seright, PhD
Oct 29 Air Emissions Analysis for Upstream Oil & Gas Companies; L. Peter Galusky, PhD
Oct 30 Soil and Groundwater Remediation Short Course; L. Peter Galusky, PhD
Oct 31 Quick Look Optimization of Production Forecasting & Economics: Excel; L. Peter Galusky, PhD

GEOLOGY
Oct 15 - 18 Petroleum Geology for Non-Geologists; Paul Pausé

LAND
Oct 01 Critical Title Issues; Patrick Fitzgerald, PhD, JD
Oct 02 Calculating Oil and Gas Interests; Patrick Fitzgerald, PhD, JD
Oct 03 Structuring Exploration Deals; Patrick Fitzgerald, PhD, JD
Oct 24 - 25 Petroleum Land Management; Alyce Hoge

SOFTWARE
Oct 02 - 03 Petra Fundamentals; Greg Hinterlong
Oct 22 IHSMarkit: Kingdom Basic Geological Data Loading; Dapo Ajibade
Oct 23 - 24 IHSMarkit: Kingdom Geological Interpretation; Dapo Ajibade
Oct 25 IHSMarkit: Kingdom Geosteering; Dapo Ajibade

NEW Courses!
Oct 19 - 20 Gas Chromatography: Theory, Operation and Troubleshooting; Jim Pritchard & Josh Gruhm
Oct 22 - 23 Oil and Gas Leasing 101; Alyce Hoge
Oct 25 LMKR: PRIZM - Petrophysics Essentials; Carlos Yanez

“Vitally important for a young man or woman is, first, to realize the value of education and then to cultivate earnestly, aggressively, ceaselessly, the habit of self-education.”

- B.C. Forbes

Online Certificate Program

Division Order
October 3 Module 1 of 6: Introduction to Division Order Practices by Alyce Hoge
November 6 Module 2 of 6: Land Titles, Title Examination and Title Opinions Alyce Hoge

Petroleum Land Management
October 3 Module 1 of 6: Introduction to Land Management Practices by Alyce Hoge
November 6 Module 2 of 6: Chaining, Interpreting, and Curing Title by Alyce Hoge

To register for a course, call 1.432.683.2832 or visit our website at https://mcce.midland.edu/modules/
American Association of Drilling Engineers
Permian Basin Chapter

PB AADE SCHOLARSHIP APPLICATION

Name: ___________________________ Age: _____ Sex: _____
Address: ____________________________
City: ___________________ State: _______ Zip Code: __________
Phone Number: __________________________ Relate in AADE (Name): ______________
Hometown: ____________________________ Relationship: __________________________
Interest Level of Drilling: Low Medium High ______ Type of Business: ____________

ENROLLED COLLEGE STUDENTS:
Degree Pursuing: BS MS PhD Overall GPA: __________
Undergraduate Hours Completed: ______ Major: ______________
Anticipated Graduation Date: __________

Spouse Name: __________________ Occupation: __________
Children (names & ages): __________________________
Father’s Name: __________________ Occupation: __________
Mother’s Name: __________________ Occupation: __________
Parent/Guardian Household Income: □ $30k< □ $30k - $50k □ $50k - $75k □ $75k>
Extra Curricular Activities and Interests: __________________________

% College Expenses Earned or Anticipated to be Earned: ________ How Earned? __________

Source of Funding for College Expenses not Earned: __________
Are you presently holding a part time job? __________ If Yes, Where? __________
Employment record (include most recent summer, part and full-time employment):

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Present scholarships held*: __________ Expiration date(s): __________
Past scholarships awarded*: __________
(*Indicate Amount and Source of Scholarship; continue on separate sheet if necessary)

References (list 3 persons, not relatives, that will provide a reference. At least 1 to be an eng. dept. professor):

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USING APPROXIMATELY 250-400 WORDS, PLEASE EXPLAIN YOUR NEED FOR A SCHOLARSHIP AND YOUR CAREER OBJECTIVES.
ATTACH YOUR MOST RECENT TRANSCRIPT OF HIGH SCHOOL GRADES AND DOCUMENTATION OF ACT OR SAT SCORES OR COLLEGE GRADES.

Please date and sign the application below and return it as soon as possible to:
American Association of Drilling Engineers
Scholarship Chairman
P.O. Box 51038
Midland, TX 79710

Applicant’s Signature: __________________________ Date: ____________
# American Association of Drilling Engineers

## Membership Application

Join Online: [http://www.aade.org/about-aade/membership/](http://www.aade.org/about-aade/membership/)

### Chapter Affiliation (please check one of the following):

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**Please complete the following information:**

- **Last Name**
- **First Name**
- **MI**
- **Company**
- **Title**
- **Business Phone**
- **Address**
- **City**
- **St.**
- **Zip Code**
- **E-Mail Address**

**Business Type:** (Please circle one)

- Oil and Gas Producer
- Engineering/Operations Consulting
- Environmental
- Equipment/Service Supply Company
- Consumable Product/Service Supply Company
- Drilling Contractor
- Governmental or Regulatory Agency
- Other

**Job Function:** (Please circle one)

- Management
- Engineering
- Operations
- Technical Support/Service
- Research and Development
- Field Service/Technician
- Training
- Purchasing
- Marketing/Sales
- Other

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**AADE Form No. 020 (8/64) Rev. 01/08/18**

Mail Form and Payment direct to appropriate Chapter(s).

### Chapters:

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<th>Chapter</th>
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<th>City</th>
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<tr>
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<td>Canonsburg, PA 15317</td>
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<td>Central Texas</td>
<td>PO Box 591640</td>
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<td>New Orleans</td>
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<td>Lafayette</td>
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<td>Houston</td>
<td>PO Box 107</td>
<td>Houston TX 77001-0107</td>
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<td>Alaska</td>
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</tbody>
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**AADE National Headquarters:**

(Do not mail Dues Payment to this address)

P.O. Box 107 Houston, TX 77001 281-293-9800  carolynberry@att.net

Join Online: [http://www.aade.org/about-aade/membership/](http://www.aade.org/about-aade/membership/)