Happy New Year to all of you! Hopefully you have had a wonderful Christmas and have turned your thoughts towards those credit card statements that are in the mail!

On behalf of the Board of Directors and the Steering Committee we welcome you to the annual 2018 AADE Operator’s forum. We want to especially thank our panel for taking time out of their busy schedules to offer all of us some insight into their company’s plans, beliefs, and operational concerns and practices. Please take a moment to show your appreciation this evening.

Please take note of the new pages added to the AADE “Permian Basin Driller” that include the Midland College Petroleum Professional Development Center which informs you of the quality training programs that they offer and the respective dates.

Also new this year, we are adding the AADE advertisement page to allow you to include a business card or logo for a given monetary amount either monthly or annually. You spoke and we responded! Along the same thoughts, a great big shout out to the sponsors for the meeting tonight! I think the AADE set a new record for sponsor requests for any meeting ever! Please note each one in the advertisement section and send them some business or leads in appreciation!

In regards to the New Year for the AADE organization, I want to thank each of you for your confidence you have placed in the board and steering committee to serve you in the coming year.

We started in November making the transition, and if I may say so, the newest committee and board members are excited and sincere in seeing the AADE’s efforts are carried out and already offering refreshing ideas. Our program committee is already hard at work to fill the monthly lunch presentations with case studies from local operators. The goal is at least half the luncheons this year meeting this criteria. Our Steering Committee is as large as I have ever seen it and their enthusiasm to help us improve and bring us YOUR thoughts or requests is quite contagious! I may add this is the youngest group so far and their enthusiasm is refreshing. Personally I assure you I will do my best to fill the shoes of our former presidents and I am highly honored to be a part of such a dynamic and professional organization.

Speaking of presidents, Randy Thomas, our former President, did an outstanding job during his term. His insight and diligence kept us all on track and staying the course. We look forward to his continued support and promise to help as needed. Please take a moment to thank him tonight or in the coming days.

In closing, we were honored to have hosted the 1st 2018 National AADE meeting this afternoon. Please take a moment to introduce yourself to our fellow AADE board members tonight!

We will see you on February 13th for our 1st lunch meeting of 2018!

Scott Williams
WELCOME TO THIS EVENING'S OPERATOR'S FORUM PRESENTERS

Anadarko — Lloyd Stutz — Director, Permian
Apache Corp—Max Easley—Director of Operations, Permian Region
Concho Resources — Ray Peterson — VP Drilling
Diamondback Energy — Auggie Setiadarma — Drilling Manager
Fasken Oil and Ranch — Tommy Taylor — Director of Operations
Laredo Petroleum — Randy Thomas — Director Drilling
WPX Energy — Rich Downey — VP of Drilling and Completions

Calendar Events 2018

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 9, 2018 - 5:00 to 8:00</td>
<td>Operators Forum</td>
</tr>
<tr>
<td>February 13, 2018 — 11:30</td>
<td>Luncheon</td>
</tr>
<tr>
<td>March 13, 2018 — 11:30</td>
<td>Luncheon</td>
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*This schedule is tentative and subject to change*

Our Steering Committee members are here to serve you. Please give us feedback and ideas on how we can improve our chapter of AADE.

We appreciate our sponsors. If you would like to sponsor a meeting, please contact Josh Sperry jsperry@arcoperating.com or 432-894-8331.
We had our annual Christmas social on December 7th at the Greentree Country Club. A good time was had by all. We would like to thank our sponsors for the event and for everyone who attended.
Industry Training 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 January - February 2018.

GEOLOGY
Jan 16-19 Petroleum Geology for Non-Geologists; Paul Pausé
Jan 22-23 Carbonate Reservoir Characterization: The Lucia Method; David Orchard
Jan 23-24 Petra Fundamentals; Greg Hinterlong
Feb 12-14 Introduction to Log Interpretation and Quality; Gary Batcheller

DRILLING
Jan 29-Feb 2 WellSharp Well Control Drilling/Workover; Larry Chapman

ECONOMICS
Jan 24-25 Valuation of Upstream Oil & Gas Properties; Edwin C. Moritz and Mark B. Cronshaw, PhD

ENGINEERING
Jan 23-26** ROZ and CO2 School; Steve Melzer; Robert Trentham, PhD; Ron Wackowski; Russell K. Hall; George Koperna **Attend any one day or all four days
Feb 12 Optimizing Oilfield Systems using Spreadsheet Models; L. Peter Galusky, Jr., PhD
Feb 15-16 Introduction to Well Completion Design; Gary Batcheller
Feb 16 Professional Technical Sales; Paul Hughes
Feb 19-22 Gas Lift Design And Operations; Michael K. Johnson

LAND
Jan 17-18 Energy Land Management; Patrick Fitzgerald, PhD
Jan 19 Critical Title Issues for Petroleum Land Management; Patrick Fitzgerald, PhD
Feb 1 Right of Way Acquisitions; Donald D. Vaiden
Feb 2 Advanced Right of Way Acquisitions; Donald D. Vaiden

SOFTWARE
Feb 06 SQL: Application to Oil /Gas Relational Database; Mark Edgar
Feb 13 PHDWin; Celia Houston
Feb 28 Intermediate GIS Concepts for Petroleum; Jennifer Harrison

NEW courses!
Feb 5-6 Hydraulic Fracturing-Design and Treatment; Michael Smith
Feb 5-6 Water Treatment for Hydraulic Fracturing; John Walsh
Feb 20 An Overview of Multistage Completion Systems for Hydraulic Fracturing; Aaron Burton

"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
January 4 Module 4 of 6: Calculations by Sherry Robinson
February 2 Module 5 of 6: Oil & Gas Law by Alyce Hoge

Petroleum Land Management
January 4 Module 4 of 6: Oil and Gas Law and Its Impact on Land Practices by Alyce Hoge
February 2 Module 5 of 6: Legally Enforceable Oil & Gas Contracts by Alyce Hoge

To register for a course, call 1.432.683.2832 or visit our website at https://ce.midland.edu/ppdc/
We Would Like to Thank The Sponsors of the AADE Permian Basin’s Operator’s Forum

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DRILTEK celebrating 29 years of service to the Energy Industry

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ENERGY SERVICES INC.

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ENVIRONMENTAL SERVICES
Technical Sessions
- Case Histories
- Cementing
- Chemical Solutions to Well Construction Challenges
- Drilling Fluids
- Emerging Technologies
- Lost Circulation
- Mechanical Solutions
- Modeling
- Non-Aqueous Drilling Fluids
- RDF and Completion Fluids
- Testing and Measurement
- Waste Management
- Wellbore Stability

April 10-11, 2018 | Houston, Texas

The American Association of Drilling Engineers will host the 2018 Fluids Technical Conference and Exhibition covering improvements and innovations in drilling, completion, cementing and fracturing fluids. This conference will be of interest to major and independent operators, service companies, drilling contractors, equipment and materials manufacturers.

Register for the conference at www.aade.org

Sponsorship Opportunities
Increase your company exposure while supporting the future of engineering in the Oil and Gas Drilling Industry. For sponsorship information visit: www.aade.org

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12400 Greenspoint Drive
Houston, Texas 77060
281-875-2222

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BUSINESS CARD ADVERTISEMENT IN THE PERMIAN BASIN DRILLER MONTHLY AND SOON DIGITALLY SENT OUT TO ALL MEMBERS AROUND THE DATE OF NORMAL SCHEDULED MEETINGS.

$300 PER MONTH AS PUBLISHED OR $2000 FOR ALL MONTHLY NEWSLETTERS IN 2018.

AADE AD POLICY

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# American Association of Drilling Engineers

**Membership Application**

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

<table>
<thead>
<tr>
<th>Chapter</th>
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<tbody>
<tr>
<td>Appalachian</td>
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<tr>
<td>Central Texas</td>
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<td>Dallas/Fort Worth</td>
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<td>Permian Basin</td>
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<td>Mid-Continent</td>
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<tr>
<td>Anchorage Alaska</td>
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**Last Name**

**First Name**

**MI**

**Company**

**Title**

**Business Phone**

**Address**

**City**

**State**

**Zip Code**

**Fax**

**E-Mail Address**

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

- (10) Oil and Gas Producer
- (20) Engineering/Operations Consulting
- (30) Environmental
- (40) Equipment/Service Supply Company
- (50) Consumable Product/Service Supply Company
- (60) Drilling Contractor
- (70) Governmental or Regulatory Agency
- (80) Other

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

- (A) Management
- (B) Engineering
- (C) Operations
- (D) Technical Support/Service
- (E) Research and Development
- (F) Field Service/Technician
- (G) Training
- (H) Purchasing
- (I) Marketing/Sales
- (J) Other

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**AADE Form No. 020 (8/94) Rev. 03/24/2015**

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

## Chapters:

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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