

AMERICAN ASSOCIATION OF DRILLING ENGINEERS

2026 **ADU 2026**

THE PREMIER TECHNICAL CONFERENCE AND EXHIBITION

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TUESDAY, APRIL 7

| | |
|------------------|--|
| 7:00am – 8:15am | Breakfast Exhibits Open |
| 8:15am – 8:30am | Welcome: Ryan Gimmler and Sharath Savari, Conference Chairs |
| 8:30am – 9:30am | Keynote: Diego Tellez, Director of Drilling & Completions, (OXY) Driving Capital Efficiency in Drilling & Completions: An Operator’s Perspective |
| 9:30am – 10:00am | Break Exhibits and Student Posters Open |
| 10:00am – noon | Technical Sessions |
| 10:00pm – noon | Panel: Young Professionals” to match style with other Panel |
| noon – 1:15pm | Luncheon: AADE President, Remie Ferreira Wayne Bryant Service Award Hall of Fame Class of 2026 |
| 1:30pm – 5:00pm | Student Contest Presentations |
| 1:30pm – 3:00pm | Technical Sessions |
| 3:00pm – 3:30pm | Break Exhibits Open |
| 3:30pm – 5:00pm | Technical Sessions |

WEDNESDAY, APRIL 8

| | |
|-------------------|--|
| 7:00am – 8:15am | Breakfast Exhibits and Student Posters Open |
| 8:30am – 10:00am | Panel: Managed Pressure Drilling |
| 10:00am – 10:30am | Break Exhibits and Student Posters Open |
| 10:30am – noon | Technical Sessions |
| noon – 1:15pm | Luncheon: Sandy Purdy Award for Best Student Presentation Student Contest Winners Presentation by Student Winner |
| 1:30pm – 2:30pm | Technical Sessions |
| 2:30pm – 3:00pm | Break Exhibits and Student Posters Open |
| 3:00pm – 4:00pm | Technical Sessions |

TABLE OF CONTENTS

| | | | |
|--------------|------------------------------------|--------------|-------------------------------------|
| 2 | Letter from Conference Chairs | 14-15 | Panel: Young Professionals |
| 5 | About the Keynote Speaker | 18 | Exhibitors |
| 6 | Panel: Managed Pressure Drilling | 19 | Conference Committee and Volunteers |
| 8-9 | Technical Session Schedule – Day 1 | | |
| 10-11 | Technical Session Schedule – Day 2 | | |
| 12 | Alternate Technical Papers | | |
| 12-13 | Student Contest | | |

FROM THE CONFERENCE CHAIRS



Dear Attendees,

On behalf of American Association of Drilling Engineers (AADE), welcome to the 2026 AADE Fluids Technical Conference & Exhibition. We are honored to host you for two days of advanced technical exchange, industry innovation, and professional collaboration.

This year's program features a comprehensive selection of technical sessions spanning drilling fluids, cementing, zonal isolation, MPD, solids-laden systems, digital technologies, and AI-enabled drilling optimization. A centerpiece of our schedule is the keynote address by Diego Tellez, Director of Drilling & Completions at Oxy, presenting insights into Capital Efficiency in Modern Drilling and Completions through the operator's perspective. We are also proud to present a featured panel on Managed Pressure Drilling (MPD), bringing together a premier group of academic and industry visionaries for what promises to be one of the highlights of this year's conference.

Beyond the technical tracks, we are dedicated to fostering the next generation through the Young Professionals Panel and the AADE Student Contest with Poster and Presentations. We invite you to explore the cutting-edge solutions in our exhibitor showcase and join us as we celebrate outstanding industry contributions through the AADE 2026 Hall of Fame inductions.

Our sincere thanks go out to the authors, presenters, sponsors, exhibitors, and volunteers for their dedication and support. Your commitment to advancing drilling engineering continues to strengthen and fortify our industry and the AADE community.

We wish you a productive, inspiring, and rewarding conference experience.

Sincerely,



Ryan Gimmler
Conference Co-Chair



Sharath Savari
Conference Co-Chair



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Diego Tellez

Director of Drilling & Completions | Oxy

Presenting:

Driving Capital Efficiency in Drilling & Completions: An Operator's Perspective.

Diego will present an overview of Oxy's recent capital efficiency improvements in domestic, onshore D&C operations. He will share key results and corresponding drivers, and will provide insight into the priorities and values shaping Oxy's approach to Drilling & Completions in the years ahead.

Diego Tellez is Director of Drilling & Completions at Occidental Petroleum Corporation (Oxy). With over 16 years of oil and gas industry experience, Diego has held leadership roles across multiple regions and disciplines. In his 12 years at Oxy, he has served as Drilling Engineer in Worldwide Drilling & Completions, Drilling Engineering Supervisor, and Drilling & Completions Manager in the Permian Delaware assets. Most recently, he was Director of Drilling, Completions, and Water in Oxy's Rockies Business Unit. In his current role, Diego works closely with all U.S. onshore D&C teams to drive capital efficiency and enhance engineering and operational performance. Prior to Oxy, Diego held field and office well engineering roles with Schlumberger in Mexico, Venezuela, Argentina and the United States of America. He holds a B.S. in Chemical Engineering from Universidad de las Americas Puebla in Mexico.

MANAGED PRESSURE DRILLING PANEL



Eric van Oort

Richard B. Curran Centennial Chair in Engineering | University of Texas at Austin

Dr. Eric van Oort is a professor and holds the Richard B. Curran Chair in Engineering at the University of Texas at Austin. He began teaching at UT Austin in 2012 after a 20-year industry career with Royal Dutch Shell, and directs the RAPID joint industry initiative dedicated to advanced drilling and well construction R&D topics. He is the author of the book *Managed Pressure Drilling: Fundamentals, Methods, and Applications*.



Blaine Dow

Domain Head - Drilling Engineering | SLB

Blaine is a Canadian engineer who joined SLB in 1993. He has spent his career focused on drilling performance. Since 2006 he's occupied global headquarters roles focused on developing and applying downhole, surface, digital and automation technologies. In his current role, he oversees the global Well Construction Drilling Engineering population while advising technology development. He advocates for our industry through publications and volunteer positions with SPE and IADC technical committees.



Matt Kvalo P.E.

VP of Engineering & Technology | Stasis Drilling Solutions

Matt Kvalo, P.E., is the VP of Engineering & Technology at Stasis Drilling Solutions, leading engineering, and product development. He currently serves as the Co-Chair of API SC23 and the 2026 Chair of the IADC MPD & UBO Committee, with prior experience at @Balance/Schlumberger and ExxonMobil delivering MPD projects and offshore ERD wells both domestically and abroad.



Oscar Gabaldon

**Sr. Vice President of Training & Director of Technology & Innovation
Blade Energy Partners**

Oscar Gabaldon is Senior Vice President of Training & Director of Technology and Innovation at Blade Energy Partners. He is the 2023 SPE Dallas Chapter Engineer of the Year and an SPE Distinguished Lecturer for the 2025–2026 season, specializing in Managed Pressure Drilling, advanced well design, and geothermal applications.



Shaun Toralde

Global Commercial Manager | Weatherford International

Shaun Toralde is currently the Global Commercial Manager for Managed Pressure Drilling (MPD) of Weatherford International, based in Houston, Texas, USA. He has served in various field and office positions of increasing responsibility with the company since 2005, helping develop and increase adoption of MPD technologies. He serves in various industry organizations, was an SPE Distinguished Lecturer on Deepwater MPD in 2017, and has produced multiple patents, technical papers and training courses on advanced drilling and energy development technologies.



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TECHNICAL SESSIONS | DAY 1 | APRIL 7TH, 2026

| | | | |
|---------------|---|--|--|
| 7:00 – 8:15 | Breakfast – Sponsored by Vibrantz Exhibits open in Foyer  | | |
| 8:15 – 8:30 | Opening Remarks – Conference Chairs: Ryan Gimmler and Sharath Savari (Halliburton) | | |
| 8:30 – 9:30 | KEYNOTE in Salons D-E Diego Tellez, Director of Drilling & Completions, (OXY) Driving Capital Efficiency in Drilling & Completions: An Operator's Perspective | | |
| 9:30 – 10:00 | BREAK - Sponsored by Enventives Exhibits and Student Posters open in Foyer  | | |
| | Salon A | Salon B | Salon C |
| 10:00 – noon | Lubricants Session Chairs: Marshall Heard (Dover Chemical) and Richard Toomes (AES Drilling Fluids) | Cementing Session Chairs: Ashok Santra (Aramco) and Joe Shine (Shine Well Integrity Solutions) | Young Professionals Panel Moderator: JP Warren (Crüe Club & Connection Crüe) |
| 10:00 – 10:30 | Tribology Science as a Novel Approach for Design, Testing, and Application of Lubricants in Oil and Gas Wells - Mario Ramirez, Oyin Dina, Marcus Banks, and Troy Griffin (Drilling Specialties); Ashlie Martini and Kevin Moreno-Ruiz (Univ California - Merced). #005 | Enhancing Well Integrity Self-Healing Cement as a Solution for Sustained Casing Pressure in Qatar - Muhammad Khan, Zahid Karajagi, and Nader Ghobrial (North Oil Company); Surya Pallapothu, Thein Phyo, Zakia Makhoulouf, Mohamed Farhoud, Jorge Santiapichi, and Eka Yasrul (SLB). #012 | Mayra Martinez (OXY) Eden Torres (BP) Sai Dudala (BP) Shan Yik Lee (Shell) Claudia Garcia (OXY) |
| 10:30 – 11:00 | Understanding the Behavior and Performance of Lubricants in Water-Based Drilling Fluids Leads to the Development of an Efficient Powdered Lubricant - Arvind Patel, Vivek Gupta, Anil Singh, and Rajesh Rao (Gumpro). #008 | Laboratory Evaluation of Cement Expansion and Shrinkage Using a Novel HPHT Cube-Mold Testing System - Shannon Bryant and Tad Nott (OFITE). #027 | |
| 11:00 – 11:30 | Unlocking Ultra-Shallow ERD Potential: The Science of Lubricant Selection and Deployment – N. Alfonso, S. Ali, A. Al-Zahrani, and M. Hamani (Aramco). #054 | Mechanical Integrity of Alternative Cementing Materials for CCS Environments - Athar Hussain, Conrad Longman, and Ahmed Mansour (ProPetro Services); Grant Kuwata, Diana Fernandez, Sukan Thyagarajan, and Hossein Emadi (Texas Tech University). #073 | |
| 11:30 – noon | Minimizing Friction and Wear in Shale Plays Utilizing a Multi-Phase Lubricant - Terrell Jensen, Landon Little, Marcus Banks, Madison Dettenhaim, and Mario Ramirez (Drilling Specialties). #109 | Oilwell Cementing with Reduced Carbon Footprint - Ashok Santra, Kenneth Johnson, and Roland Martinez (Aramco). #015 | |
| noon – 1:15 | LUNCHEON in Salon D-E AADE President – Remie Ferreira (Paragon ISG) Wayne Bryant Service Award Hall of Fame Class of 2026 Roy A. Bobo Michael A. Freeman James E. Friedheim James A. Headley Robert L. Horton | | |

* #000 refers to the paper number. The full paper number is AADE-26-FTCE-XXX where XXX refers to the #000.

| | Salon A | Salon B | Salon C |
|-------------|--|--|------------------------|
| 1:30 – 3:00 | Non-Aqueous Drilling Fluids Session Chairs: Andrew Hewett (AES Drilling Fluids) and Meng Lu (CNPC USA) | Zonal Isolation Session Chairs: Mohammed Ba Geri (Newpark) and Al Guidry (Halliburton) | Student Contest |
| 1:30 – 2:00 | Base-Fluid Influence on Additive Compatibility in Non-Aqueous Drilling Fluids for High-Temperature Wells - Shawn Lu (P2 Energy Services); Don Van Slyke (Shell); Charlie Chitwood (Comstock). #036 | High Temperature Non-Portland Cement for Wellbore Zonal Isolation - Guoqing Jian, Ashok Santra, Kenneth Johnson, and Roland Martinez (Aramco). #062 | |
| 2:00 – 2:30 | Fit-for-Purpose Non-Aqueous Drilling Fluids: A Data-Driven Review of Electrical Stability - Richard Toomes and Matthew Offenbacher (AES Drilling Fluids); Ahmed Amer (Oxy); and Fred Growcock (Consultant). #082 | Innovative Spacer Enhancement Sets Benchmark for Downhole Performance - Joe Shine (Shine Well Integrity Solutions); Francisco Bermudez (Impact Fluid Solutions); Roni Martanto (NESR). #085 | |
| 2:30 – 3:00 | Challenging the Norm: Are Non-Aqueous Fluids Truly Efficient in Modern Drilling Operations? - Hugo Osorio, Rafael Pino, Mohammed Nasser, and Gustavo Moreira (Aramco); Ahmed Abulnasr and Oscar Gonzalez (Halliburton). #099 | Fiberglass-Reinforced Cement for Improved Mechanical Properties and Zonal Isolation - Ahmad Alshammari, Silvio Baldino, and Evren Ozbayoglu (University of Tulsa). #043 | |
| 3:00 – 3:30 | BREAK - Sponsored by Genesis Fluids Exhibits open in Foyer | | |
| 3:30 – 5:00 | Drilling Fluids Session Chairs: Ajay Addagalla (Baker Hughes) and Ken Oyler (Shell) | Sealants to Prevent/Solve Lost Circulation Session Chairs: Arthur Hale and Hugo Osorio Cuellar (Aramco) | Student Contest |
| 3:30 – 4:00 | Novel and Bio-Based Defoamer Chemistry for Water-Based Drilling Fluids - Jayachandran Perumalsamy, Benjamin Swoboda, Jean-Yves Lansot, and Vivekkumar Tiwari (TotalEnergies). #024 | Wellbore Shielding Technology: A Proven Solution for Drilling Fluid Optimization and Cost Reduction in Shale Plays - Sebastian Dilucente and Valentina De Antoni (Impact Fluid Solutions); Romer Fuenmayor (Pluspetrol). #060 | |
| 4:00 – 4:30 | High Temperature Universal Fluid System for Drilling and Cementing - Guoqing Jian, Ashok Santra, and Roland Martinez (Aramco). #055 | Polyimide One-Step Adhesive for Cement and Bonding Performance at High Temperature - Elizabeth Contreras, Kenneth Johnson, and Thomas Heinold (Aramco). #019 | |
| 4:30 – 5:00 | Innovation of a Water-Based Fluid with Dual Inhibition for Drilling Reactive Formations in the Lower Magdalena Valley - Francisco Carrión, Carolina Lopez, Daniel Knijnik, Andres Garcia, Carlos Restrepo, Harold Chica, and Maria Paramo (SLB). #091 | Torque Management Optimization in Qatar Offshore ERD Wells Using Wellbore Shielding Additives - Muhammad Khan, Zahid Karajagi, and Nader Ghobrial (North Oil Company); Khemraj Ganesh (Impact Fluid Solutions). #049 | |

| | | | |
|---------------|---|--|--|
| 7:00 – 8:15 | Breakfast – Sponsored by DrillChem Exhibits and Student Posters open in Foyer  | | |
| 8:30 – 10:00 | Panel in Salon D-E PANEL – Managed Pressure Drilling Moderator: Eric van Oort (University of Texas at Austin) Matt Kvalo (Stasis Drilling Solutions) Oscar Gabaldon (Blade Energy Partners) Blaine Dow (SLB) Shaun Toralde (Weatherford) | | |
| 10:00 – 10:30 | BREAK - Sponsored by CS Oilfield Exhibits and Student Posters open in Foyer  | | |
| | Salon A | Salon B | Salon C |
| 10:30 – noon | Revisiting Additives for Invert Emulsion Fluids Session Chairs: Tatiana Conn (SLB) and Jim Friedheim (Consultant) | High Temperature Solutions Session Chairs: Gregory Terpenning (AES Drilling Fluids) and Jason Brady (American Cementing) | Techniques, Processes & Equipment Session Chairs: Barrett Watts (SLB) and Mauricio Longoria (Halliburton) |
| 10:30 – 11:00 | Field Validation of a TOFA-Free Emulsifier for Cost-Effective OBM Performance – Asad Jafri, Megan Atkins, Khalil Rehman, and Ayemon Malik (SLB). #007 | Evolution of Drilling Fluids for Enhanced Geothermal Systems – Rafael Pino, Hugo Osorio, and Fuad Almuqati (Aramco); Alessandro Cascone, Lucio Bussaglia, and Carl Thaemlitz (Newpark). #087 | Engineered Chemical Solutions for Enhanced Reliability During Liner-in-Liner Re-Frac Operations - Richard Collins and Zach Turi (DrillChem); Sean Rosenfield (Crescent Pass Energy). #032 |
| 11:00 – 11:30 | Resilient and Renewable: TOFA Supply Chain Outlook and Bio-Oil Innovation for Oilfield Fluids – Allison Proctor and Megan Wilt (Kraton). #037 | Redefining HPHT Drilling Fluids: Enhanced Oil-Based Drilling Fluid System for Deepest & Highest Temperature Exploration Well in Mahakam Block, Indonesia - Welria Putra, Bram Yuwono, and Yusrhan Baidhowie (SLB); Wiryawan Suraji, Bramarandhito Sayogyo, Riko Riko, Himawan Kartaatmadja, Bobby Hendarno, Ade Lesmana, Iman Satoto, and Virginia Sitompul (Pertamina). #053 | Enhanced Performance of High-Density Synthetic-Based Drilling Fluids Utilizing Recovered Base Synthetic Extracted from a Waste Drilling Fluid using a Novel Thermomechanical Process - Mukesh Kapila (Circul8 Energy and Environment); Nils Kaageson-Loe (Baker Hughes). #040 |
| 11:30 – noon | Beyond TOFA: Expanding the Raw Material Base for Non-Aqueous Fluid Emulsifiers - Christine Nguyen and Antoine Thuriere (Newpark). #078 | Integrated Fluid Cooling Technologies Reduce Bottomhole Temperatures - Luther Gressett, Mark Canlas, and Reza Fard (NOV). #063 | Shaker Screen Break Detection via Dynamic Image Analysis: See the Break - Tod Canty and Ryan Sheehan (JM Canty). #066 |
| noon – 1:30 | LUNCHEON and Awards Presentations – Salon D-E Sandy Purdy Award for Best Student Presentation Student Contest Awards Presentation by Student Winner | | |

| | Salon A | Salon B | Salon C |
|-------------|---|--|---|
| 1:30 – 4:00 | AI & Modeling Session Chairs: Dinesh Mohan (SLB) and Preston May (Halliburton) | Managed Pressure Drilling Session Chairs: Charlie Chitwood (Comstock Resources) and Hatem Shabaka (Halliburton) | Solids-Laden Fluids Session Chairs: Brittany Thibodeaux (Newpark) and Pawilai Hallmark (SLB) |
| 1:30 – 2:00 | Realizing the True Value of Real-Time Fluids Measurement Technology – Reagan James and Pal Johannessen (Intelligent Mud Solutions); Carl Thaemlitz and David Knox (Newpark). #074 | Standardized Performance Testing of Organophilic Clays for Non-Aqueous Drilling Fluids - Barrett Watts, James Stark, Hoang Nguyen, Mary Meng, Xiang Ma, and Xuanshi Fan (SLB). #039 | Optimizing Drilling Fluid Management for Subsurface Injection: A Process Improvement Approach to Operational Efficiency – M. Redburn, M. Malerich, J. Bocage, R. Haag, and C. Johnson (ConocoPhillips); B. Sanchez (SLB). #018 |
| 2:00 – 2:30 | Operational Performance Enhancement Through Digital Enablement Applied to Drilling Fluids -- N. Alfonzo, R. Pino, and F. Al-Muqati (Aramco); M. Dourado (SLB). #095 | An Engineered Blend of Micro-Particles Increases Wellbore Integrity and Enhances Traditional LCM Sealing Capabilities - Richard Collins and Zach Turi (DrillChem). #030 | Drilled-Solids Removal Equation and Other Tools for NAF Management Mike Morgenthaler (Cutpoint); Weston Hinton (Data Rx). #044 |
| 2:30 – 3:00 | BREAK - Sponsored by Genesis Fluids Exhibits open in Foyer | |  |
| 3:00 – 3:30 | Redefining Offset Well Analysis and Knowledge Capture with Artificial Intelligence Techniques - Alexandra Morrison, Mateusz Dyngosz, Aidan Porter, and Alfredo Brito (Halliburton). #102 | Designing and Engineering a Drilling Fluid to Drill Overpressure Shale and Depleted Limestone in a Single Section – a Middle East Case History - A. Al-Khaldy, A. Al-Mutairi, I. Abdelrahman, M. Kader, S. Gupta, and M. Marrazzo, (KOC); L. Bussaglia, A. Cascone, F. Samaan, and M. Ishak (Newpark). #100 | High-Energy Solutions for Shale Shakers: Increasing the Capacity of Existing Equipment to Support Faster Drilling Rates - Michael Dykalski, Octavio Perez, and Ben Hilti (Fluid Systems Inc). #052 |
| 3:30 – 4:00 | A Database-Driven Methodology for Lubricant Selection in Water- and Brine-Based Drilling Fluid Applications Antoine Thuriere, Christine Nguyen, and Jacob Thaemlitz (Newpark). #083 | Nano Wellbore Sealants: A Novel Approach to Mitigating Formation Instability in Drilling Operations - Joshua Smith and J.J. Miller (Halliburton). #097 | Enhancing Drilling Performance Through Reduction of Mechanical Friction in High-Density Aqueous Fluids - Mohamed Al-Bagoury, Yohnny Gonzalez, and Rahul Dey (Ekem). #069 |

ALTERNATE TECHNICAL PAPERS

ALTERNATES

Innovative Strategies for Mitigating Losses Across Horizontal Reservoir Sections with Self-Degradable Fibers and Acid-Soluble Particulates in Qatar - Muhammad Khan, Zahid Karajagi, Nader Ghobrial, and Daniel Ahuar (North Oil Company); Surya Pallapothu, Thein Phyo, Jorge Santiapichi, Mohamed Hacene, and Eka Yasrul (SLB). #013

Grafted Graphene for Drilling Fluids Applications - Ashok Santra (Americas). #014

Characterizing Transient Flow Using Time-Dependent Modified Yield Power Law Model - Samet Yanik and Evren Ozbayoglu (University of Tulsa). #020

Spotting Fluid Testing Methodology Development - Rostyslav Dolog, Ashok Santra, Roland Martinez, and William McDonough (Aramco). #022

Integrated Real-Time Surface Wetting Characterization for Optimized Wellbore Spacer Design - Shannon Bryant and Tad Nott (OFITE). #028

Optimizing Boundary Layer Lubrication for Torque and Drag Reduction in Extended Reach Drilling - Richard Collins, Dustin Richard, and Zach Turi (DrillChem). #031

Advanced Analytical Tools to End Oilfield Mysteries for Drilling Fluids - Matthew Offenbacher and Richard Toomes (AES Drilling Fluids); Charlie Chitwood (Comstock Resources). #059

New Techniques Identify Ash Bed Contamination to Mitigate Drilling, Fluid, and Production Risk - Chong Dai, Leigh Gray, and Matthew Offenbacher (AES Drilling Fluids). #092

Investigating the Potential of Drill Cuttings in Well Barrier Systems - A. Cedola, E. Sones, C. Meyer, J. Bolanos, and T. Baird (Exero Well Integrity). #098

STUDENT POSTERS & PRESENTATIONS

UNDERGRADUATE STUDENTS

| | | |
|------------------------------|------------------|---|
| University of Wyoming | Joseph Hajba | Shale Inhibition and Fluid Loss Control via Coupled Nano-Micro Additive Dynamics in PAC-Wyoming Bentonite Water-Based Mud. [01]** |
| | Tate Novodvorsky | Optimizing KCl and CaCl ₂ Barite-Weighted High-Performance Water-Based Mud for Cost-Effective Drilling in Clay-Rich Shales. [02] |

STUDENT POSTERS & PRESENTATIONS

GRADUATE STUDENTS

| | | |
|---|---------------------------|--|
| Texas Tech University | Ohinoyi Moiza | Ensemble Machine Learning Framework for Real-Time Drilling Fluid Performance Optimization and Non-Productive Time Reduction. [03] |
| Universidade Federal do Rio de Janeiro | Alexandre Barroso | Application of Wellbore Shielding® Technology for Loss Control and Wellbore Stability in the 3-AND-5-RN Project. [04] |
| | André Miguel | Experimental Validation of a Computer Vision System for Monitoring Drill Cuttings Removal on Shale Shakers. [05] |
| | Ricardo Fontes | Sediment Permeability and Heterogeneity Predictions for Confined Drilling Fluids: Improving an APB Mitigation Technique. [06] |
| University of Houston - Houston | Mohammed Maase Saddapalli | Design of Non-Damaging Drilling Fluids for Depleted Reservoirs. [07] |
| | Sheel Vyas | Extended-Temp-Range-Drilling Fluid Additive System for Drill Pipes related Issues.[08] |
| University of Louisiana at Lafayette | Derrick Adjei | Optimizing Olivine-Induced Class H Cements for CO ₂ -Resistant Wellbore Plugs in Louisiana. [09] |
| | Waleed Alnasser | Recent Development in Prediction of Cement Degradation in CO ₂ -Exposed Wells: A Decade Literature Review. [10] |
| University of Oklahoma | Elvin Allahverdiyev | The Upcoming Deep Dust Drilling Project: Design Philosophy Behind the Tight-Clearance Surface-to-TD Slimhole Coring Well. [11] |
| | Chinedu Ejike | Steel vs. Titanium Drill Strings in Stick Slip Vibration: A Combined Laboratory and Simulation Study Using Scaled Models. [12] |
| | Tayyab Shahid | Real-Time Multi-Sensor HPHT Testing System for Geothermal Downhole Tool Integrity and Zonal Isolation Performance. [13] |
| University of Wyoming | Paden Knull | Experimental and Mathematical Modeling of Mowry Shale Swelling in Bentonite-Rich Zones: Effects of Salt Type and Concentration. [14] |
| | Abdallah Mehanna | Optimizing Oil-Water Ratio in Clay-Rich Unconventional Reservoirs. [15] |

** #00 refers to the paper number. The full paper number is AADE-26-FTCE-SPP-XX where XX refers to the #00.



Moderator | JP Warren

Founder of Crüe Club & Connection Crüe

Strategic Sales & Messaging Expert | Energy Industry Connector & Coach

JP Warren is a seasoned strategist and connector with nearly 20 years of experience in global operations, business development, and sales across the energy industry. He is the founder of Crüe Club, a premier, invitation-only roundtable series that has brought together over 1,500 E&P operators for strategic, solution-driven conversations across six markets including Houston, Midland, OKC, DFW, Austin, and Denver. Crüe Club fosters intentional connection and trusted dialogue among senior decision-makers, creating space for authentic exchange on what's working, what's not, and what's next.



Claudia Garcia

Completions Engineer | Oxy

I am Claudia Garcia, a Completions Engineer at Oxy. I am a first-generation college graduate who earned my bachelor's degree in petroleum engineering from the University of Houston in 2024. Coming from a Latin background with limited prior exposure to the oil and gas industry, I learned early that preparation and ownership are non-negotiable, both academically and professionally. In my current role supporting hydraulic fracturing and drillout operations, I carry those principles across both field and office environments, translating engineering fundamentals into decisive, data-informed execution, disciplined operational planning, and strong cross-functional coordination that drives performance from design to wellsite. I look forward to sharing perspective on how first-generation and early-career professionals can navigate industry expectations with clarity, resilience, and strategic growth.



Shan Yik Lee

Staff Well Engineer | Shell

14 years in Shell/ O&G industry. Graduated from University of Leeds, UK in 2011 (BEng. (Hons) Mechanical Engineering). Joined Shell Malaysia the same year in the Shell Graduate Program (SGP) Started as Wellsite Ops Engineer offshore Malaysia in various shallow water and deepwater field in various MODUs/ platforms International stint in 2015 at the Netherlands as the Wells Global DROPS Project Lead, followed with a stint as Assist and Assure (HSE) Coach offshore Malaysia. Moved back to the office for life-cycle well planning (frontend well planning in design stage, followed by well ops engineering in the execution phase). Progressed to drilling supervisor offshore and completed Shell's Advanced Technical Programme (SATP), obtaining Shell Round 2 Certificate. Joined the Fluid Systems team in Houston in 2023, supporting global drilling and completion fluids planning and execution.



Eden Torres
Production Engineer | bp

Eden is a Production Engineer at bp with a strong academic and industry background in petroleum engineering. He earned both his Bachelor's (2023) and Master's (2025) degrees in Petroleum Engineering from the University of Houston, he is a proud Cougar!

During his studies, Eden gained hands-on experience through a 1.5-year co-op with Oxy and a summer internship with bp. Following graduation, he joined bp full-time as a Petroleum Engineer while continuing his graduate education.

Outside of work, he enjoys volunteering and giving back. Eden is married and a father of two and takes pride in balancing family life with a rewarding career in operations.



Mayra Martinez
Drilling Engineer | Oxy

My name is Mayra Martinez, and I am a Drilling Engineer at Oxy. I graduated in May 2024 with a bachelor's degree in Petroleum Engineering from the University of Houston and am currently pursuing my master's degree while working full-time in drilling operations.

My journey into the energy industry began after immigrating from Mexico to the United States, learning English, and completing my education while working full-time, an experience that shaped my perspective on resilience, adaptability, and growth during the transition from academia to industry.

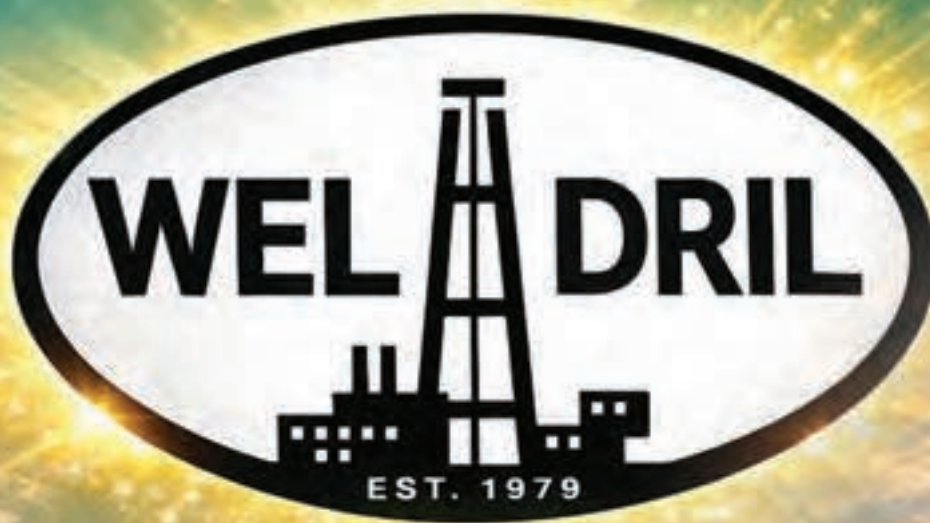
In my current role, I focus on bridging engineering fundamentals with field execution, gaining hands-on experience in drilling operations, and real-time decision-making. I am excited to share my early-career experiences, lessons learned navigating the shift from student to professional, and insights for those pursuing careers in today's energy industry.



Sai Dudala
Subsea Controls Engineer | bp

Sai Dudala is a Subsea Controls Engineer at bp, where he supports offshore deepwater operations through subsea production and control system engineering. He holds a Bachelor of Science in Petroleum Engineering and is currently pursuing a Master of Engineering in Petroleum Engineering.

With experience spanning subsea systems, offshore operations, and early-career technical development, Sai brings a practical perspective on entering and navigating the oil and gas industry as a young engineer. His interests include deepwater developments, production systems, and long-term career growth across technical disciplines within upstream energy.



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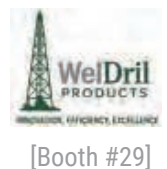
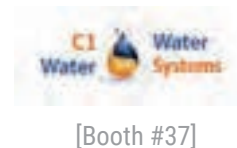
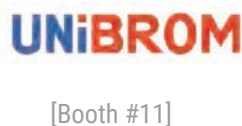
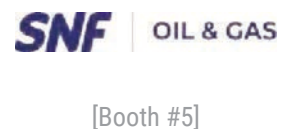
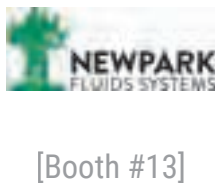
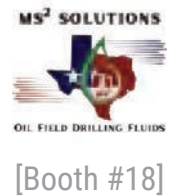
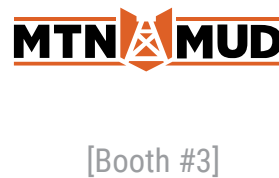
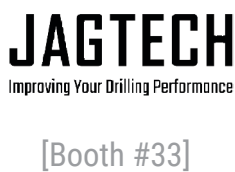
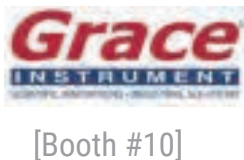
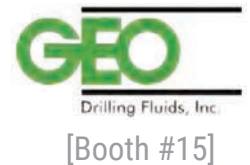
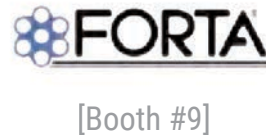
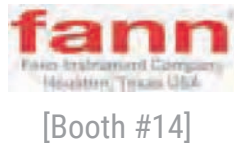
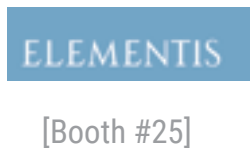
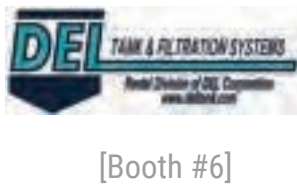
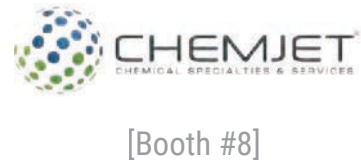
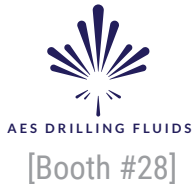
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