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2025 NATIONAL TECHNICAL CONFERENCE AND EXHIBITION

15-16 April 2025 | Bush Convention Center | Midland, Texas

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TUESDAY, APRIL 15

7:00am – 8:00am	Breakfast Exhibits Open
8:15am – 8:30am	Welcome: Randy Thomas and Remie Ferreira, Conference Chairs
8:30am – 9:30am	Keynote
9:30am – 10:00am	Break Exhibits Open
10:00am – 5:00pm	Technical Sessions
10:00pm – 12:00pm	Student Interactive with Industry & HR Professionals
12:00pm – 1:30pm	Luncheon: Speaker Clay Gaspar, Devon Energy
1:30pm – 5:00pm	Student Presentations
3:00pm – 3:30pm	Break Exhibits Open
5:00pm – 7:00pm	Networking Reception

WEDNESDAY, APRIL 16

7:00am – 8:00am	Breakfast Exhibits Open
7:30am – 9:30pm	Technical Sessions
9:30am – 10:00am	Break Exhibits Open
10:00am – 11:30am	Plenary Panel: Drilling Supervisors' Panel
11:30am – 1:00pm	Luncheon & Awards Presentation Speaker Oleg Tolmachev, Vidnova Energy Consultants
1:00pm – 1:30pm	Afternoon Break Best Exhibitor Award
1:30pm – 3:30pm	Afternoon Technical Sessions

TABLE OF CONTENTS

2	Letter from Conference Chairs
5	About the Speakers
6	Plenary Panel
8–9	Technical Session Schedule - Day 1
10–11	Technical Session Schedule - Day 2
13	Alternate Technical Papers & Student Papers
14–15	Student Interaction with Industry Professionals
17	Exhibitors
18	Conference Committee and Volunteers

FROM THE CONFERENCE CHAIRS



Dear members, panelists, speakers and guests,

Thank you for your continued participation and support to the AADE.

It is with great pleasure that we get together once again to review the state of our industry and recognize the innovative work of our peers. Our organization is made up of engineers, executives, analysts and service providers. Oil and gas are the lifeblood of our country.

Each and everyone of you is integral to our mission, visions and values.

Our goal is to provide you with greater access to the technical data and presentations available within our industry. We hope to equip you with the tools you need and the relationships on which we thrive. The speakers this year will focus on "Navigating the Ever-Changing Energy Industry".

As the cycles of our business ebb and flow, we hope and pray you will succeed and prosper in all that you do.

Stay safe and enjoy the show.

Truly,



Randy Thomas
Conference Co-Chair



Remie Ferreira
Conference Co-Chair

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ABOUT THE SPEAKERS



Clay Gaspar **President & CEO of Devon Energy**

Clay Gaspar is president and chief executive officer of Devon Energy. He previously served as executive vice president and chief operating officer of the company, a role he assumed in January 2021 following Devon's merger with WPX Energy. While at WPX, Clay served as president and chief operating officer and sat on the board of directors. His earlier career includes leadership and technical positions with Newfield Exploration, Anadarko Petroleum and Mewbourne Oil. Clay serves on the boards of the Permian Strategic Partnership and the American Heart Association Southwest Region, is chairman of the Upstream Committee of the American Petroleum Institute and is a member of the Texas A&M Engineering Advisory Council. Clay earned a bachelor's degree in petroleum engineering from Texas A&M University, a master's degree in petroleum and geosciences engineering from the University of Texas and is a registered professional engineer in the state of Texas.

Devon Energy is a leading independent oil and natural gas exploration and production company. Its portfolio of oil and gas properties provides stable, environmentally responsible production and a platform for future growth. Headquartered in Oklahoma City with operations focused onshore in the US, Devon is a Fortune 500 company and is included in the S&P 500 Index. Its common shares trade on the NYSE under the ticker symbol DVN.



Oleg Tolmachev **President at Vidnova Energy Consultants**

Oleg Tolmachev is an experienced Energy Executive based in Houston, Texas and is currently President of Vidnova Energy Consultants. Vidnova offers management, technical and operational consulting services both domestically and internationally. Prior to his return to the U.S., he held various leadership positions with Naftogaz of Ukraine, Ukraine's national oil and gas company. These positions included CEO of Ukgasvydobuvannya (UGV), the largest natural gas production company in Central and Eastern Europe and Director of Exploration and Production. UGV consisted of 11 branches, including: 3 gas production departments, well drilling departments, gas and gas condensate processing departments, as well as UGV-Service. These branches performed a full range of upstream gas well construction, midstream, and downstream activities.

Oleg previously served as Executive Vice President and Chief Operations Officer of Montage Resources, and Chief Operations Officer of Eclipse Resources. Oleg has held Drilling and Completions lead roles for EnCana and Chesapeake Energy, and also was a Production Engineer for BP Amoco. Oleg holds a B.S in petroleum engineering from the University of Oklahoma with certificate in Applied Business Analytics from the Massachusetts Institute of Technology Sloan School of Management.

PLENARY PANEL



Dustin Wood
Owner of BTGap, LLC

My name is Dustin Wood, I am a professional with over 23 years of experience in the oil and gas industry. I'm fortunate to have had the opportunity to work for three different operators as a Drill Site Manager over the last 13 years. I've drilled in the Powder River Basin, Green River Basin, DJ Basin, Piceance Basin, Eagle Ford, Anadarko/Ardmore Basins and spent the last four years in the Permian Basin. I have contributed to numerous teams that have been the direct result of cutting cost by 40% and maximizing drilling efficiencies up to 70%. When I'm not at the rig, I enjoy time with my family and sharpening my skills in Real Estate.



Ryan Maynard
Senior Drilling Engineer | Permian Resources

Ryan Maynard is a Senior Drilling Engineer at Permian Resources with over 12 years of experience in the oilfield. He earned his B.Sc. in Petroleum Engineering from West Virginia University before heading to Texas to be a drilling hand. His experience spans various roles, including MWD FE at Weatherford, Field Engineer and Drilling Superintendent at Parsley Energy, and Drilling Engineer at XTO, before stepping into his current role at Permian Resources. Over the years, Ryan has worked on wells of all lengths and target formations across the Permian Basin. Midland has been home for the past eight years, where he lives with his wife, Sara, their two sons, Jackson and Taylor, and their Labs, Lucy and Molly.



Will Ross
Tallgrass High Plains Carbon Storage

Will Ross is a fourth-generation oilfield professional with 17 years of consulting experience, primarily in Texas and Louisiana. Breaking out in 2008, he began working on initial completions, rod and tubing jobs, and recompletions before shifting focus to drilling consulting in 2010. With a strong background in land-based operations and experience in South Louisiana barge work, Will has drilled a variety of wells, including oil and gas, injection, and disposal wells. He currently works for Tallgrass High Plains Carbon Storage.



Santos Morales
Senior Drilling Advisor | Diamondback Energy

I have been in Oil & Gas for 34 years. My first experience in the industry began on the service side in Frac and Cementing. I worked for 3 years with Serfco Frac & Acidizing and 11 years with BJ Services. While working for BJ Services, I was recruited by Anadarko for a drilling supervisor position through a training program they created. I worked for Anadarko for 10 years in the Delaware and Central Basin before accepting a position at Energen as a drilling superintendent. I currently work for Diamondback Energy and have for the past 7 years. I have been married for 34 years to my high school sweetheart and am a very proud father of two great kids. (Morgan-33 & Andrew-29).



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TECHNICAL SESSIONS | DAY 1 | APRIL 15TH, 2025

7:00 – 8:00	BREAKFAST Sponsored by Vibrantz Technologies			
8:15 – 8:30	Opening Remarks in Hall A – Conference Chairs: Randy Thomas (AADE Board) and Remie Ferreira (Paragon ISG)			
8:30 - 9:30	KEYNOTE in Hall A			
9:30 - 10:00	Break Exhibits Open - Break Sponsored by: Enventives			
	Hall A	Hall B/C	Ballroom B/C	
10:00 – Noon	Drilling Fluids 1 Session Chairs: Fred Fard (Vital) and Ramy Mahrous (Baroid)	Downhole Tools Session Chairs: Chris Montan (Vital) and Chris Jamerson (Coterra)	STUDENT INTERACTIVE WITH INDUSTRY & HR PROFESSIONALS	
10:00 – 10:30	Improving Flat Rheology Properties of Organophilic Clay-Based Non-Aqueous Drilling Fluids Systems - Jessica Ramirez Angulo, Brian Gollner, Maireus Venero, and Nikki Hy (Baker Hughes). #004	Acid Soluble Diverter Used to Free Differentially Stuck Coil Tubing - Richard Collins, Zach Turi (Drillchem), and Brandon Conner (Marathon). #039		
10:30 – 11:00	High-Performance NAF Emulsifier Derived from Sustainable TOFA and Non-TOFA Sources - Dimitri Khramov, Chao-Yu Sie, Justin Linscombe, Angel Barreto, and Omer Farooq (SLB). #011	Fit for Purpose Motor Design: A Case Study of Improved Drilling Efficiency in the 7-7/8” Hole Size - Ivan Morales and Rohan D'Souza (NOV). #022		
11:00 – 11:30	Exploring the Improved Performance of PIBSA as an Emulsifier over Traditional Tall Oil Fatty Acid in Drilling Fluids for Fluid Loss Monitoring - Edmund Sandoval, Thomas Wilson, Scott Schultz and Jennifer Jackson (Lubrizol). #013	Unpacking the Myths: Continuous Pumping is Not Continuous Fracturing - Timothy Marvel and Jose Padilla (SEF Energy/Downing). #033		
11:30 – 12:00	Standardizing and Optimizing Lab-Scale Performance Evaluation of Anti-Accretion Additives in Drilling Fluids - Barrett Watts, James Stark, Mary Meng, and Xuanshi Fan (SLB). #034	Engineered Magnet System Reveals the True Quantity of Metal Contamination in Drilling Fluid - Paul Scott and J.G. Samuell (ConocoPhillips), Matthew Offenbacher (AES), Robert Palmer (Jagtech USA) and Arild Saasen (UiS). #054		
12:00 – 1:30	Luncheon Speaker: Clay Gaspar, President and CEO of Devon Energy Remarks from AADE National President, Robert Chavez Benny Manuel Service Award			

* ### refers to the paper number.

The full paper number is AADE-25-NTCE-### where ### refers to the three digit paper number.

	Hall A	Hall B/C	Ballroom B/C
1:30 – 3:00	Drilling Fluids 2 Session Chairs: Charlie Chitwood (Comstock) and Matthew Offenbacher (AES Drilling Fluids)	Drill Bits Session Chairs: Ryan Broglie (MB Energy) and Andy Pauli (Baker Hughes)	Student Presentations Chair: Kim Hepner, Fasken Oil and Ranch, Ltd.
1:30 – 2:00	Method Development to Evaluate Wellbore Instability of Mid- to Deep-Shale Formations - Nancy Zhou, Meng Lu, Janine Shipman, Steven Vaughan, Tim Dunne, Daniel Gardea, and Jiaxiang Ren (CNPC USA), Jing Hu and Fengfen Xiao (CNPC Chuanqing Drilling Engineering) . #043	A Review of PDC Cutter Wear Enabled by Computer Vision Damage Classification - Cameron Devers and Dustin Lyles (Taurex Drill Bits). #059	
2:00 – 2:30	Advanced Single Sack Loss Circulation Technology Sealing Larger Fractures Suitable to use in Depleted Reservoir Conditions - Michael Barry, Ajay Addagalla, and Autumn Shephard (Baker Hughes). #029	Improving Curve and Lateral Drilling Efficiencies: Case Studies of Bit and Cutter Designs that Effectively Utilize the Available WOB and Reducing Bit Torque - Prabhakaran Centala and Brice-Herve Benie (NOV). #019	
2:30 – 3:00	Nanotechnology-Based High Performance Drilling Fluid Solution Optimizes Well Construction through Enhanced Wellbore Stability - German Charry, and Andrea Perez (Frontera Energy), Sergio Molina, Diana Flórez, Ana Ulloa, and Luis Duran (Halliburton). #066	14.5-mm Hybrid Cutter Design: A Case Study - Cameron Devers and Casey Kitagawa (Taurex Drill Bits). #060	
3:00 – 3:30	Break Exhibits Open - Sponsored by: Capex Oilfield Services		
3:30 – 5:00	MPD Session Chairs: Josh Mallett (Comstock Resources) and Chris Jamerson (Coterra)	Lubricants Session Chairs: Rafael Pino (Saudi Aramco) and JJ Miller (Halliburton)	Student Presentations Chair: Kim Hepner, Fasken Oil and Ranch, Ltd.
3:30 – 4:00	Critical Aspects of Pressure Relief Valve System used in Managed Pressure Drilling Applications - Nitin Kulkarni (Blake Energy Partners). #010	The Development of a Surfactant-Based Lubricant with High Resistance to Contaminants for Permian Fresh and Brine Clear Fluid Systems - Richard Collins, Zach Turi, and Dustin Richard (Drillchem). #038	
4:00 – 4:30	Implementation of Lean Methodologies in the Technology Adoption Cycle for MPD Processes in Unconventional Reservoirs - Matt Kvalo, Martin Duarte, and Antonio Torrealba (Statis Drilling). #070	Mechanical Specific Energy and Rig Sensor Data: A Novel Approach to Lubricant Evaluation - Trevor Olson (ExxonMobil), Richard Toomes, William Petty, and Matthew Offenbacher (AES Drilling Fluids). #051	
4:30 – 5:00	Performance Comparison of Managed Pressure Drilling (MPD) and Conventional Drilling in the Delaware Basin - Karnvir Gill, Ali Sadat, and Shawn Cody (Opla Energy), Joe Stanley (VTX Energy Partners). #061	Uinaitaite-Based Blend Enables Replacing OBM when Drilling an Extended Reach Lateral in the Permian Basin Using WBM: Case Histories - Katuska Aguilar, Corey Webb, Rick Percy, and Michael Doiron (American Gilsonite). #048	
5:00 – 7:00	Networking Reception - Sponsored by: Genesis Fluids		

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7:00 – 8:00	BREAKFAST Sponsored by: AKM Enterprises Inc. 		
	Hall A	Hall B/C	Ballroom B/C
7:30 – 9:30	Cementing Session Chairs: David Giffin (ConocoPhillips) and Dan Weller (SLB)	Digital Solutions Session Chairs: Michael Behounek (Intellicess) and Bahri Kutlu (Drilling Metrics)	Case Histories Session Chairs: Jared Bouzek (Devon) and Yong Cho (Diamondback)
7:30 – 8:00	Predicting Effects of LCM Particles on Rheology of Spacers and Cements – Part II - Afshin Ahmady, Ronnie Morgan, Paul Jones, and William Pearl (Halliburton). #009	Utilization of Downhole Monitoring System with Drillpipe Deployed Flotation Collar in Long Horizontal - Nataliya Calahan and Lieb Kritzinger (NOV). #024	Non-Polar Synthetic-Based Fluids Help Tackle Drilling Challenges in US Basins - Shawn Lu (P2Energy Services) and Don Van Slyke (Shell). #006
8:00 – 8:30	Universal Fluid System Utilizing Sustainable Materials - Guoqing Jian, Ashok Santra, and Kenneth Johnson (Aramco Americas). #012	Real-Time AI Integration for Predictive Drilling Optimization Using Offset Well Data Aids to Reduce 4 BHAs and Increase ~20% Drilling Efficiency - Rebecca Ny, Camilo Mejia, Julian Bohorquez, and Zane Foster (Enovate Ai). #026	Tailored Drilling Fluid Formulation with Nanoparticle Technology Contributes to Colombian Drilling Operation Optimization - Ferney Puentes and Mario Niño (Geopark), Carlos Gil and Ana Ulloa (Halliburton). #016
8:30–9:00	Eagleford Cuttings as Cement Replacement Material - Alex Cedola, Elizabeth Sones, and Cheve Meyer (Exero Well Integrity). #015	High-Frequency Embedded Drilling Dynamics Data is Helping to Reduce Permian Basin Drilling Costs - Steve Jones, Junichi Sugiura, and Zach Ference (Sanvean Technologies). #053	Advancements in Oil-in-Brine Direct Emulsion Drilling Fluids: Field Trial Success and Performance Improvements in West Texas - Steven Manmohan, Jeremy Smith, Dimitri Khramov, and Justin Linscombe (SLB). #017
9:00 – 9:30	Mitigate Top Hole Losses in Exploration Fields of Oman with Tailored Loss Circulation Cement Spacer - Alamjad Al Ghafri (Halliburton). #007	Paired AI with Laser Technology Leads to 30% Improvement in Downhole Drilling Motor Performance - Justin Miller and Lonnie Smith (E&P Data). #058	Case History – How Improved Flowline Shaker Performance Negates the Need for Secondary Drying Shakers in Certain Drilling Situations - Danny Salinas and Chance McCray (NOV), Jacob Shelhamer (Oxy). #028
9:30 – 10:00	BREAK Exhibits Open - Sponsored by: OXY 		
10:00 – 11:30 Hall A	PANEL – Drilling Supervisors' Panel Dustin Wood – Franklin Mountain Energy Ryan Maynard – Permian Resources Will Ross – Tallgrass High Plains Carbon Storage Santos Morales - Diamondback Energy		
11:30 – 1:00	Luncheon Speaker: Oleg Tolmachev (Vidnova Energy Consultants) Student Awards Presentations Sandy Purdy Service Award for Best University Student Presentation		

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1:00 – 1:30	Break Exhibits Open Best Exhibitor Award		
	Hall A	Hall B/C	Ballroom B/C
1:30 – 3:30	Zonal Isolation Session Chairs: Trevor Olson (XTO) and Michael Johnson (Vital Energy)	Directional Drilling & Drilling Mechanics Session Chairs: Fred Fard (Vital) and Brad Raymond (Tomax)	Wellbore Design Session Chairs: James Hayes (Desert Mountain) and John Huycke (Turning Point E&P)
1:30 – 2:00	Effective Use of Stabbed-In Inner-String Cementing Technique For Top-Hole Temporary Abandonment In Deepwater Gulf of Mexico - Elie Meyer (Murphy Oil), and Iain Levie (Expro Group). #027	New High Data Rate MWD Telemetry System - Wilson Chin, Michael McKinley, Jamie Chin, Xiaoying Zhuang (Stratamagnetic Software). #005	Extreme Slim-Hole Connection Design Improves Drilling Efficiencies and Reduces Potential Opportunities for Safety Issues - Glenn Brown and Andrei Muradov (NOV-Grant Prideco), A.J. Gherardi (Quail Tools), and Curt Jones (Kaiser-Francis Oil). #014
2:00 – 2:30	Innovative Fluid Systems for Temporary Zonal Isolation and Further Enhanced Removal to Increase Hydrocarbon Productivity - Juan Esteban, Carlos Gamoa, Ginna Rosero, and Daniela Serrano (Baker Hughes). #032	A Conventional Steering Revolution: Use of a Rotational Steering Tool (RST) to Extend the Capabilities of the Conventional Bottom Hole Assembly - Chris Memi and Drew Curran (Drilling Tools International). #049	Efficiently Employing Open Hole Whipstock Systems for Preserving Extended Lateral Sections and Reducing Operational Expense - Manuel Solis and Joseph Hopper (Wellbore Integrity Solutions). #064
2:30 – 3:00	Open Hole Inflatable Bridge Plug to Isolate Losses and Place Competent Cement Plug – Greg Venus, Katia Filina, and Luis Terrazas (TAM International). #008	Optimization of a Digitally Controlled Rotary Steerable System for US Shale Drilling - Zach Ference, Steve Jones, and Junichi Sugiura (Sanvean Technologies). #056	Refining Best Practices of Horseshoe Wells – A New Case History - Matthew Offenbacher and Richard Toomes (AES Drilling Fluids), Michael Linse (Canvas Energy). #050
3:00 – 3:30	Innovative Scouring Spacer Applied in Liners Cementation Enhanced Zonal Isolation & Cement Bond Logs: Case Studies from the UAE – Shamsa Al-Menhali, F. Khan, L. Valencerina (ADNOC), S. Owais, J. Varghese, A. Ismatullah, D. Ong, and S. Zetounis (NESR), Jonathan Pohl (Impact Fluid Solutions). #045	Drilling Faster: The Role of Vibration Mitigation in Well Drilling - Robert Borne and Guy Feasey (Neo Oiltools). #035	Validation of Well Placement Within the Planned Ellipse of Uncertainty - Daniel Pina and Josh Albright (Superior QC). #063

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ALTERNATE TECHNICAL PAPERS

ALTERNATES

Nano-Emulsion for Control of Formation Damage During Drill-in and Completion Operation - Vitaly Sergeev (Nanoborne). #021

Synergy Unleashed: A Multi-Discipline Collaborative Approach Develops a Remedy for Total Losses in Vuggy, Karstified Dolomite Formation - Ken Atere, Hatem Shabaka, Manruque Cornelio, Murli Baheti, Mikhil Dange, Tyron Veazie (Halliburton). #065

STUDENT PAPERS

UNDERGRADUATE LEVEL

Connor Chalmers Montana Tech	Impact of Additives on Drilling Hydraulics and ECD: A Semi-Analytical and Experimental Study. [#01]
Timothy McMullen University of Louisiana - Lafayette	Drilling and Completion Optimization to Maximize Hydrocarbon Recovery in the Volve Field. [#02]
Leonardo Gamez University of Texas - Permian Basin	Produced Water Management and Utilization in the Permian Basin. [#03]
Garrett Cox University of Wyoming	Challenges of Drilling Mowry Shale-Bentonite Layers: Can Nano-sized Bentonite Stabilize OBM Emulsions? [#04]
Joseph Hajba University of Wyoming	Predicting Bentonite-Based Drilling Fluid Properties: A Transition from Trial and Error to Predictive Analytics and Digital Twins. [#05]

GRADUATE LEVEL

Betty Cepeda Louisiana State University	Evaluation of Dynamic Bullheading Well-Control Processes: Efficiency of Gas Displacement by Liquids in Vertical Downward Flow. [#06]
Thien Dong New Mexico Tech	Advancing Proppant Performance Evaluation with TrueCrush Testing Method. [#07]
Athar Hussain Texas Tech University	Geopolymers as a Sustainable Alternative: Assessing the Impact of Supercritical CO₂ on Cement Performance for CCS Applications. [#08]
Ekow Edusah University of Louisiana - Lafayette	Preliminary Assessment of the Selection of Orphan Wells to P&A: A Risk-Based Approach. [#09]
Elvin Allahverdiyev University of Oklahoma	Assessment of Supercritical Geothermal Well Completion Design. [#10]
Vitaly Sergeev University of Texas - Austin	Nano-Emulsion for Non-Damaging Drilling-in and Completion Operations. [#11]
Nicholas Lapinski West Virginia	Integrating Geomechanical Modeling and CO₂ Storage Assessments in Shale Gas Reservoirs. [#12]

** [###] refers to the AADE student paper number. The full paper number is AADE-25-NTCE-SPP-##.



Nick McCoy

Drilling Engineer | Fasken Oil and Ranch, Ltd

Nick McCoy grew up in Midland and graduated from Midland High School in 2008. Despite being the son of two Red Raiders, Nick completed his engineering degree from Texas A&M with the class of 2012. He has an older brother, Matt McCoy, who is a reservoir engineer at Diamondback Energy. Nick worked at Halliburton in the Boots-n-Coots department and was a member of the FOP program on a Coiled Tubing unit team. Since joining Fasken Oil and Ranch, Ltd. in 2013, he has worked in all facets of the industry. He started as a company man on the drilling rigs for about a year then transitioned into the office. He was working as a drilling engineer until his first exposure to a “bust” cycle in 2015. He worked in the Fasken production department for roughly a year and a half, where he garnered experience in pumping, drill outs, completions, and frac. As soon as Fasken picked up drilling rigs again, he was able to return to his office. In 2019, Fasken entered the horizontal game in a major project with Manor Park. Fasken successfully drilled 13 wells in town, inside of the loop, from two different locations, with no major incidents. Nick currently is responsible for 2 Fasken drilling rigs; one of the rigs is drilling standard benches (middle Spraberry, lower Spraberry, Jo Mill, Dean, Wolcamp A, Wolcamp B) while the other rig is drilling deeper Barnett wells utilizing managed pressure drilling. He is thankful for his experiences at Fasken and is grateful to be with a company who not only truly cares about their employees but also about the community that we live in. Nick is also a big fan of space, dinosaurs, and 1960’s Mustang Fastbacks, w/manual transmissions, of course. He strongly believes that Don Toma offers the best chile verde in the Permian Basin, and rocky road ice cream is the best flavor on the market.



Jenaya Rohlfig

Petroleum Engineer | ConocoPhillips

Jenaya Rohlfig is a Petroleum Engineer who has exhibited exceptional technical, leadership, and organizational skills in all facets of drilling operations for various management positions with ConocoPhillips. She has worked in diverse locations in North America, including the Bakken, Alaska, and the Rockies. She served as a Drilling Engineering Supervisor in the Bakken and as a Global Wells Planning Coordinator. She also served as the Drilling Engineering Supervisor for ConocoPhillips’ Permian Basin Asset. Currently, she is the Drilling Engineering Supervisor for ConocoPhillips’ Delaware Basin Asset. Jenaya served as the National President of the American Association of Drilling Engineers through 2022 until December 2023. Jenaya’s leadership led to performance improvements for the development and application of new drilling practices resulting in reduced drilling times and cost reductions up to 45%, all whilst leading the Health Safety Environment Program and maintaining a commitment to Zero Incident Safe.



Ryan Broglie

MB Energy

Ryan is a registered professional engineer with 30 years of oil and gas experience in the areas of drilling optimization and drilling/completions engineering. He is skilled in total well project management – from landowner relations to production operations and is proficient in the planning and efficient execution of multilateral horizontal drilling programs as well as multistage frac design and supervision – both in conventional and unconventional reservoirs. Experience spanning from the coastal plains of south Texas to the arid deserts of the Middle East to the rugged foothills of the Canadian Rocky Mountains, his experience includes drilling, completions, and production phases including development drilling programs as well as rank wildcat prospects. Design and execution experience includes high temperature and pressure environments, including corrosive gases/fluids such as CO₂ and H₂S. Other specific skills include problem solving, AFE/actual cost accuracy, management of office and field personnel, promoting practical safety standards and practices, and facilitating and demanding effective communications between field operations and upper management. Ryan is passionate about the application of unconventional drilling and completion techniques to conventional resource plays. He resides in the Texas hill country where he owns and manages Engineered Well Consulting, a full-service petroleum engineering firm and an oil and gas operating company, MB Energy, LLC. Married for 27 years to Stephanie, a chemical engineering mom, both are proud parents of Texas State freshman Gemma (19) and high school discus star, Staycer (16).



Becky Applegath

Senior Human Resources Representative | Mewbourne Oil Company

Becky Applegath is a Senior Human Resources Representative with Mewbourne Oil Company. Becky is currently managing HR for all the Permian and Delaware Basin. Prior to Mewbourne, Becky held various Human Resources roles with Halliburton and Patterson. She has over 15 years of experience in hiring, recruiting, talent management, employee relations, and succession planning. She has worked and lived in every basin across the United States. Becky is proud to be a graduate of Texas Tech University.



Ryan Maynard

Senior Drilling Engineer | Permian Resources

Ryan Maynard is a Senior Drilling Engineer at Permian Resources with over 12 years of experience in the oilfield. He earned his B.Sc. in Petroleum Engineering from West Virginia University before heading to Texas to be a drilling hand. His experience spans various roles, including MWD FE at Weatherford, Field Engineer and Drilling Superintendent at Parsley Energy, and Drilling Engineer at XTO, before stepping into his current role at Permian Resources. Over the years, Ryan has worked on wells of all lengths and target formations across the Permian Basin. Midland has been home for the past eight years, where he lives with his wife, Sara, their two sons, Jackson and Taylor, and their Labs, Lucy, and Molly.



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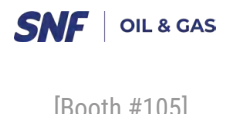
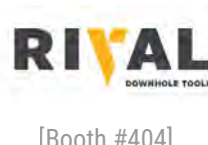
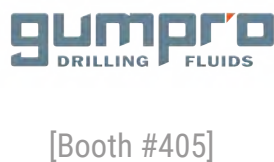
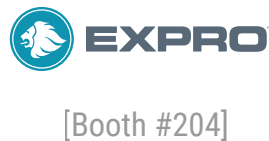
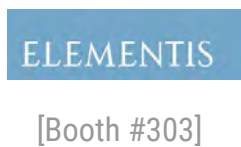
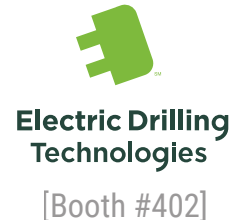
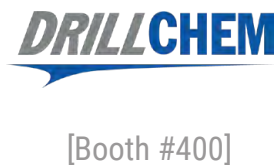
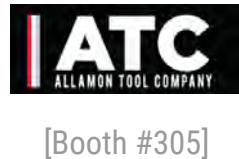
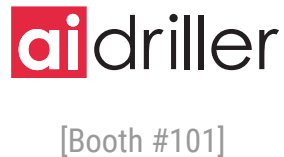
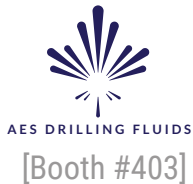
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