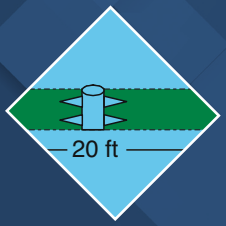

SPE International
Conference and Exhibition on

FORMATION DAMAGE CONTROL

18–20 February 2026

Doubletree by Hilton Lafayette
Lafayette, Louisiana, USA
go.spe.org/26FD/DPROGRAM/3712

Conference Program

SPE International
Evangeline Section

On behalf of the program committee and the Society of Petroleum Engineers (SPE), we welcome you to the 2026 SPE International Conference and Exhibition on Formation Damage.

This conference will cover innovative solutions, case histories, and technology and performance improvements across all sectors of formation damage remediation. In addition to the program lineup that includes recent industry challenges, we are excited to have prominent industry keynote speakers and a lively interactive forum.

We look forward to hearing from industry experts as they share their knowledge through presentations, panel discussions, knowledge sharing ePosters, and an exhibition of services and products. We encourage you to take advantage of the many practical opportunities available throughout the event.

Thank you for attending and enjoy the conference!

Sincerely,

Ali Ghalambor
Program Chairperson
Oil Center Research International

Table of Contents

About the Society of Petroleum Engineers

The Society of Petroleum Engineers (SPE) is a not-for-profit professional association with more than 132,000 members in 146 countries engaged in the exploration and production of oil and gas and related energy resources. SPE is a key technical and professional resource providing opportunities to exchange information at in-person and online events and through training, publications, and member programs. SPE maintains offices in Calgary, Dallas, Dubai, Houston, and Kuala Lumpur.

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Event Information

Registration and Badge Pick-Up

Registration will be available in the Portico Foyer starting Tuesday, 17 February.

Registration Hours

Tuesday, 17 February	1600–1900
Wednesday, 18 February	0800–1700
Thursday, 19 February	0800–1700

Exhibition

The exhibition is located in the Ballroom & River Foyers and open to conference registrants on Wednesday and Thursday.

Exhibition Hours

Wednesday, 18 February	0800–1700
Thursday, 19 February	0800–1700

Speaker Check-in

Speaker check-in will be located in the Oak Alley room. Speakers are requested to check in prior to reporting to their assigned session room.

Speaker Check-In Hours

Wednesday, 18 February 0700–1700

Thursday, 19 February 0700–1600

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By attending this event, nonmember full registration attendees can join SPE at no additional cost. Ensure you are signed up for SPE communications, and then look for your exclusive offer by email shortly after the event.

Special Events (as of 27 January 2026)

Cajun Icebreaker

Tuesday, 17 February, 1830–2030

Salons DEF

Enjoy an evening with friends, hors d'oeuvres, and cocktails.

Knowledge Sharing ePosters

Wednesday, 18 February, 1600–1830

Ashland Room

Welcome Reception

Wednesday, 18 February, 1830–2100

Prejean's Restaurant (offsite in Broussard)

"Laissez les bons temps rouler!" Come pass a good time with an evening of food and fun.

Social Reception

Thursday, February 19, 1830–2200

Salons DEF

Open Forum

Friday, 20 February, 0900–1200

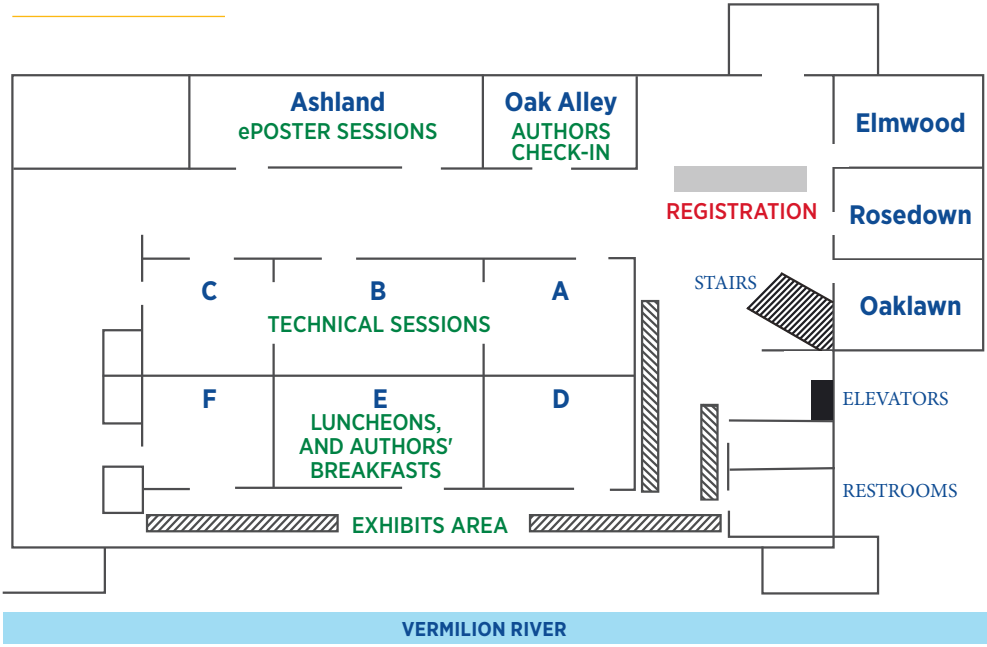
Vermilion Room

Beyond the Hype: Designing More Efficient Wells Productivity With Flow Control — Implementation, Cost vs. Benefit

Schedule of Events (as of 27 January 2026)

	Portico Foyer	Ballroom & River Foyer	Salon DEF	Salon A	Salon B	Salon C	Ashland
Tuesday, 17 February							
1600–1900	Conference Registration						
1830–2030			Cajun Icebreaker				
Wednesday, 18 February							
0800–1700	Conference Registration	Exhibition					
0900–1200				**Technical Session 1:** Injectivity Damage and Remediation	**Technical Session 2:** New Technologies for Damage Remediation	**Technical Session 3:** Fracturing	
1200–1400			Welcome Luncheon				
1400–1700				**Technical Session 4:** Formation Damage Mechanisms and Management	**Technical Session 5:** Damage Due to Drilling and Completions Operations	**Technical Session 6:** Optimizing Acid Stimulation: Case Studies from Sandstone and Carbonate Reservoirs	
1600–1830							**Technical Session 7:** Knowledge Sharing ePosters
1830–2100	Welcome Reception – Prejean's Restaurant (offsite in Broussard)						
Thursday, 19 February							
0800–1700	Conference Registration	Exhibition					
0830–1130				**Technical Session 8:** Advances in CO_2 Storage and Injection Technologies	**Technical Session 9:** Case Studies of Damage and Productivity Improvements	**Technical Session 10:** Innovations in Acidizing: Insights from Lab and Simulation Studies	
1130–1330			Closing Luncheon				
1330–1630					**Technical Session 12:** Productivity Enhancement	**Technical Session 13:** Sand Control Innovations: Measurement, Modeling, Completions, and Chemistry	
1830–2200			Social Reception				
Friday, 20 February							
0900–1200	Open Forum: Beyond the Hype: Designing More Efficient Wells Productivity With Flow Control — Implementation, Cost vs. Benefit (Vermillion Room)						
1215–1330							Forum Luncheon

Venue Floor Plan



Exhibitors (as of 27 January 2026)

The exhibition is located in the Ballroom & River Foyers and open to conference registrants Wednesday and Thursday from 0800 to 1700 hours.

Technical Program (as of 27 January 2026)

Wednesday, 18 February 2026 | 0900–1200 Salon A

01 Injectivity Damage and Remediation

Session Chairpersons: **Oya Karazincir,** Chevron; **Dave Norman,** NSI Technologies

This session incorporates experimental and modeling study results on formation damage and injectivity loss mechanisms commonly experienced in water injectors. Conditions that impact injected particle straining/suspension, deposition and plugging are reviewed. Methods to control injectivity loss and achieve long-term injectivity will be discussed.

Time	Paper #	Presentation
0900	230585	**Matrix Acidizing to Improve Injectivity in Carbonate Disposal Wells/Reservoirs with Clay Mineral Damage** M.K. Khan, Consultant; A. Ghalambor, Oil Center Research International, LLC.
0930	230515	**Matrix Water Injection in Deepwater West Africa—A Case History** L. Malaxos, T. McCarthy, D. Kent, M. Rahman, Woodside Energy Ltd.; D. Knox, B. Thibodeaux, Cleansorb Ltd.
1000	230578	**Well Injectivity and Productivity under Fines Migration: Analytical Modelling** O. Collins, T.L. Russell, A. Magarey, University of Adelaide; N. Khazali, Woodside Energy; A. Ghalambor, Oil Center Research International, LLC.; P. Bedrikovetski, University of Adelaide
1030	230573	**Novel Biosurfactants Improve Efficiency and Selectivity in Iron Chelation Applications** L. Xu, J. Shin, R. Pieternella, Evonik Corporation
1100	230543	**A 3-D Experimental Study of Particle Transport and Deposition in High-Rate Water Injection for Horizontal Well** X. Du, University of Houston; H. Zhang, E. Golovin, University of Illinois at Chicago; J. Dudley, Consultant; J. Ochi, TotalEnergies; D. Mikulencak, Shell E&P International Ltd; G. Wong, University of Houston
1130	230561	**Well Stimulation vs. Damage: Operational Implications for WAG and CO_2 Storage Projects** L.C. Batista Aum, J.J. De Figueiredo, C. Santos Lucas, Federal University of Para; T. Barbosa, Federal University of Para, Belem, Brazil; C. Speglich, Petrobras; P.T. Aum, Federal University of Pará

Technical Program (as of 27 January 2026)

Wednesday, 18 February 2026 | 0900–1200 Salon B

02 New Technologies for Damage Remediation

Session Chairpersons: **Robert Bryant,** Bryant Deepwater; **Mike Byrne,** Elemental Energies

Each of these presentations showcase how new technologies can be used to enhance pre-job decision making using AI, controlling costs with new drilling equipment, applying technologies used from other disciplines to a new problem, and extending the life of old wells by using new treatment techniques.

Time	Paper #	Presentation
0900	230563	**Nanotechnology Sets A New Standard For Water Control In The Chichimene Heavy Oil Field** J.C. Cardenas Montes, Ecopetrol SA; O. Rojas Conde, Viking Engineering LLC; H. Galvis, Texas A&M University
0930	230587	**A New and Novel Constant Bottom Hole Pressure Drilling System** G. Hitchcock, Aramco Europe; A. Shakhouri, Saudi Aramco D&WO; A. Alshaarawi, Saudi Aramco PE&D; A. Clark, HMHW Deep Blue
1000	230549	**Optimizing Reservoir Connectivity Using Micronized Acid-Soluble Ilmenite in Drilling Fluids and Post-Drilling Engineered Filter Cake Breakers** M. Al-Bagoury, R. Dey, Y. Gonzalez, Elkem
1030	230542	**Drag Reduction of Emulsified Acid System: Leveraging Carbon Nano Dots (CNDs) as Drag-Reducing Agents (DRAs) for Improved Pipeline Performance** A. Al-Dogail, R. Gajbhiye, T. Solling, King Fahd University of Petroleum & Minerals; M. Pittelkow, S. Svenningsen, A. Vase, University of Copenhagen
1100	230532	**Retarded Fluoboric Acid Multipurpose System Enhanced Oil Production and Increased Water Injection in Reservoirs With Moderate To High Permeability** E.A. Pareja, D. Zavala, N. Suarez, Baker Hughes; J.I. Bahamon, E. Rodriguez, Ecopetrol SA
1130	230538	**Acid Stimulation With Tailored, Not Cookie-cutter Solutions In A Field With High Reservoir Heterogeneity** A.N. Dhahli, S. Khan, A. Al Yaaribi, H.A. Al Hajri, S.S. Al Mukhaini, T. Ghailani, Petroleum Development Oman

Technical Program (as of 27 January 2026)

Wednesday, 18 February 2026 | 0900–1200 Salon C

03 Fracturing

Session Chairpersons: **Ryan Van Zanten,** Shell; **Mahdi Mahmoudi,** Variperm Canada

This session will present hydraulic fracturing treatments to improve well performance. The presentations will cover fracture conductivity, re-fracturing, chemical improvements, and fracture evaluation.

Time	Paper #	Presentation
0900	230521	**Understanding the Mechanism of Long-term Fracture Conductivity Decline** J. Colina Arias, A. Hill, D. Zhu, Texas A&M University; H. Li, X. Xie, Occidental Petroleum Corp.
0930	230537	**Downhole Video Evaluation of Fracturing Performance in Shale Oil Well Xi 233, Ordos Basin** Y. Zhang, C. Yan, X. Bai, J. Bai, B. Kang, Oil & Gas Technology Research Institute, PetroChina Changqing Oilfield Company
1000	230534	**Chemical Remediation of Fracture Damage in Unconventional Well Completions** A.D. Hill, M. Almubarak, D. Zhu, Texas A&M University
1030	230524	**Injection Well Refrac With LWI Enhances Well Injection Performance** W.H. Huval, K. Berard, E. Theall, Baker Hughes; R.W. Bryant, Bryant Deepwater Consulting LLC
1100	230570	**Experimental Investigation of Flowback Surfactants: Anionic vs Cationic vs Non-Ionic Surfactants** O. Abdelwahab, A. Crabtree, A. Phatak, Stepan Oilfield Solutions
1130	230503	**Research and Field Trials of Fracturing-Fluid Formulation Technology Using High-Divalent-Ion Flowback Fluid in Deep Coalbed Methane Reservoirs** Y. Qiao, G. Qu, X. Yang, Y. Zhang, Z. Fang, L. Shang, X. Hu, D. Wei, G. Ren, J. Bai, CNPC Engineering Technology R&D Company Limited

Technical Program (as of 27 January 2026)

Wednesday, 18 February 2026 | 1200–1400 Salons DEF

Welcome Luncheon

Jeff Lukasik
Vice President of Subsurface, Equinor

Dr. Jeff Lukasik is currently Vice President of Subsurface at Equinor's Competence Center International, where he leads a global team of over 780 professionals across Norway, Brazil, the US, UK, and Canada with a responsibility to provide the right subsurface capability to meet prioritized and emerging business needs. He has a Ph.D. in Geoscience and over 25 years of international experience in the oil & gas industry. He is acknowledged for his ability to lead large, diverse teams through times of complexity and change with clarity, openness, and a commitment to the development of professionals.

His career has spanned technical, operational, and corporate domains, from managing large offshore exploration programs to shaping Equinor's global subsurface operating model. He has held key leadership roles in Brazil and Norway, including Head of the Pre-salt Centre of Excellence and Head of Global Exploration Strategy for Equinor, influencing corporate direction during pivotal industry shifts.

Beyond energy, he has served as a World/Olympic-level figure skating judge, including officiating at the 2018 Winter Olympics, and has contributed to national athlete and officials' development programs in Canada.

Technical Program (as of 27 January 2026)

Wednesday, 18 February 2026 | 1400–1700 Salon A

04 Formation Damage Mechanisms and Management

Session Chairpersons: **Rama Ponnapati,** Baker Hughes; **Pavel Bedrikovetsky,** University of Adelaide

In this session authors will discuss various formation damage mechanisms, including predictive modeling and management, computer vision and deep learning models, laboratory experimental studies along with a few case studies.

Time	Paper #	Presentation
1400	230544	**Experimental and Modelling Study of Authigenic Fines Migration with Detachment by Breakage: Formation Damage Aspects** B. Dang-Le, T.L. Russell, A. Badalyan, P. Bedrikovetsky, University of Adelaide
1430	230514	**A Laboratory Study to Better Understand the Formation Damage Using Colored and Fluorescent Particles** R. Oughanem, J. Ochi, TotalEnergies; A. Le Beulze, UGIEL; H. Poitrenaud, L. Carillo, TotalEnergies
1500	230535	**Coupling Digital Image Correlation and Fourier Transform Infrared Spectroscopy for Identification and Characterization of Swelling Regions in Heterogeneous Shales** M. Chuprin, M. Mokhtari, University of Louisiana At Lafayette; A. Mitra, Premier COREX
1530	230499	**Intelligent Formation Integrity and Damage Prevention System (FIDPS): An Integrated AI and Dynamic Simulation Approach for Prediction and Mitigation** M.P. Sohrabi, Parsa International Group
1600	230569	**Automated Characterization of Formation Damage Using Computer Vision and Deep Learning** Y. Wu, Southern Methodist University; A. Ghalambor, Oil Center Research International, LLC.; S. Salehi, Southern Methodist University; C. Phillips, Crested Butte Petrophysical Consultants
1630	230546	**Analytical Vertical Equilibrium Model Accounting for Fines Migration and CO_2-Brine Partial Miscibility** K.O. Prempeh, University of Adelaide; F. Le-Hussain, University of New South Wales; R. Farajzadeh, Delft University of Technology; P. Bedrikovetsky, University of Adelaide

Technical Program (as of 27 January 2026)

Wednesday, 18 February 2026 | 1400–1700 Salon B

05 Damage Due to Drilling and Completions Operations

Session Chairpersons: **Jay Deville,** Halliburton; **Niall Fleming,** Equinor

This session will present developments in completion and drilling fluids aimed at minimizing formation damage and increasing well productivity. New technologies in water-based drill-in fluids, lost circulation and spacer fluids will be presented. Fundamental studies on shale-fluid interactions will also be discussed.

Time	Paper #	Presentation
1400	230509	**Novel Biopolymer Decreases Formation Damage for Water-Based Drill-In Fluids** C. Shepherd, G. Pietrangeli, A. Shepherd, A. Addagalla, Baker Hughes
1430	230510	**Fully Soluble Solid Surfactant Package for Reactive Spacer Fluid Systems** C. Stanciu, A.C. Kelley, K. Fontenot, Sasol International Chemicals USA
1500	230516	**Biopolymer Free Reservoir Drill-in Fluid Breaking Boundaries And Exceeding Expectations: The United States Gulf of America Development Journey** B. Wiggins, K.W. Oyler, S.R. Limaye, Z.K. Al-Shafei, Shell; G. O'Reilly, Shell Canada Ltd.; A. Patalakha, Shell; C. Tidwell, A. Rincon, A. Eldamarawy, T. Aung, T. Talbot, C. Manzoleloua Ndongala, E. Derkach, SLB
1530	230512	**Experimental and Theoretical Studies of Drilling Fluid Imbibition into Shale Reservoirs** B. Guo, J. Xue, University of Louisiana at Lafayette
1600	230526	**Experimental Evaluation of Low-Solid Water-Based Drilling Fluids for Mitigating Formation Damage** H. Abdul Hussein, University of Baghdad; A. Alsubaih, University of Texas at Austin; D. Al-Saedi, A. Abbas, University of Missan; F.A. Hadi, U. Alameedy, University of Baghdad; K. Sepehrnoori, University of Texas At Austin
1630	230589	**Characterization of Frac Fluid-induced Damage to Tight Sandstone Reservoir Matrix by Nuclear Magnetic Resonance** J. Lai, T. Chen, Y. Ma, Southwest Petroleum University; H. Lin, W. Zhao, Oil & Gas Technology Research Institute, PetroChina Qinghai Oilfield Company; X. Zhou, Z. Wang, J. Fu, B. Tang, Y. Hao, F. Yang, K. Wang, Southwest Petroleum University

Technical Program (as of 27 January 2026)

Wednesday, 18 February 2026 | 1400–1700 Salon C

06 Optimizing Acid Stimulation: Case Studies from Sandstone and Carbonate Reservoirs

Session Chairpersons: **Leonard Kalfayan,** Hess; **Hugues Poitrenaud,** TotalEnergies

This session showcases real-world applications of advanced acidizing techniques across sandstone and carbonate formations - from high-temperature offshore wells to challenging pre-salt lithologies. Presenters will share insights into acid system innovations, damage mitigation strategies, and the impact of reservoir heterogeneity on stimulation performance.

Time	Paper #	Presentation
1400	230508	**Stimulation Design and Execution of a HT Offshore Gas Well and its Flowback After an Extended Shut-in: A Case Study of a New Single Stage Sandstone Acid System** R.W. Bryant, Hess Corporation; S. Vierkandt, Hess E&P Malaysia B.V; S. Abdullah Razi, Hess E&P Malaysia BV; A. Lorwongngam, Hess Malaysia BV; W. Williams, Chevron Corporation; O. Karazincir, Chevron Technology Co; M. Ziauddin, SLB; A. Abdul Majid, SLB Malaysia IDS
1430	230556	**A Novel Single-Stage Sandstone Acid System for Low-Temperature Applications** K. Vidma, M. Ziauddin, D. Gettemy, C. Daeffler, P. Artola, H. Alghassani, J. Rincon, SLB
1500	230588	**Acidizing Brazilian Pre -salt Carbonates Using Seawater Base Acid System** A. Pereira, C.T. Azevedo, D.N. Silva, M. Scariot, N.J. Denadai, S.C. Kupski, C. Carnaúba, C. Sales, P. Moraes De Araujo, E. Duarte, A. De Assis, Petrobras
1530	230580	**Deeper Rock Acid Penetration, A Key Success Factor For The Matrix Stimulation Jobs** R. Arias, Saudi Aramco PE&D; R. Tineo, C. Daeffler, SLB
1600	230566	**Reversing the Drilling Damage in Naturally Fractured Limestone Using Self-Diverting Acid System: A Case Study** S. Abbas, A. Asad, H. Bhatti, R. Anwar, Sprint Oil & Gas Services
1630	230577	**Acidizing Heterogeneous Pre -salt Carbonates Offshore Southeast Brazil** D.N. Silva, A. Pereira, C.T. Azevedo, S.C. Kupski, M. Scariot, L.B. Fontes, F. Oliveira, Petrobras

Technical Program (as of 27 January 2026)

Wednesday, 18 February 2026 | 1600–1830 Ashland

07 Knowledge Sharing ePosters

Session Chairperson: **Michael Schexnailder,** BP

This session focuses on advanced modeling, stimulation techniques, and solutions to arrest sand production.

Paper #	Presentation
230592	**Reactive Flow Simulation in Heterogeneous Carbonate Rocks Using Image-Based Porosity Fields** N.A. Braga, F.D. Pontes, Universidade Federal do Pará; R. Gachet, TotalEnergies; P.T. Aum, Universidade Federal do Pará
230540	**A Comprehensive Review of Geothermal Energy Development in the United States: Trends, Challenges, and Opportunities** G. Akpabli, G. Frimpong, E. Agyei, H. Rahnema, W. Ampomah, New Mexico Institute of Mining and Technology
231401	**Introducing a Next-Generation Tool for Asphaltene Precipitation Modeling for Improved Reservoir Simulation and Production Flow Assurance** R. Ashena, Smart Energy and Data Analytics (SEDA) Group
230545	**Upscaling and Analytical Modeling of Injectivity Impairment During CO_2 Injection in Aquifers** S. Mobasher, K.O. Prempeh, T.L. Russell, P. Bedrikovetski, University of Adelaide
230511	**Prediction of Heat Energy Productivity of Geothermal Wells Converted from End-of-Lifetime Shale Gas Wells in the Haynesville Area of Louisiana: Horizontal Well Pairs** M. Uddin, Y. Feng, B. Guo, University of Louisiana At Lafayette
230670	**Successful Revival of Well Production Using Radial Jet Drilling in a Water-Conning Case Study** R. Ashena, SEDA-Group; M. Lotfi, Consultant; A. Ghalambor, Oil Center Research International, LLC.; F. Abdollahzadeh Bina, University of North Dakota
–	**From Challenges To Opportunities - Rethinking Downhole Completions From Gravel Packing To Autonomous Inflow Control Valves (AICV) With Screens And Zonal Isolation Via An In-depth Comparative Analysis** M. Mahmoudi, Variperm Canada; V. Mathiesen, A. Baqer, A. Uzcategui Cortes, I. Mohd Ismail, Inflow Control; M. Roostaei, Forum Energy Technologies Inc

Technical Program (as of 27 January 2026)

Thursday, 19 February 2026 | 0830–1130 Salon A

08 Advances in CO_2 Storage and Injection Technologies

Session Chairpersons: **Nola Zwarich,** ConocoPhillips; **Feng Liang,** Aramco Services

This session presents a comprehensive overview of recent advancements in CO_2 injection and storage, highlighting the interplay between geochemical processes, thermal dynamics, and reservoir integrity. Attendees will gain insights into experimental findings and emerging technologies designed to enhance injectivity, mitigate formation damage, and improve long-term storage performance.

Time	Paper #	Presentation
0830	230579	**Geochemical Interactions and Reservoir Integrity in CO_2 Storage: Insights from the San Andres Formation** A.A. Ayensigna, H. Rahnema, K.A. Boateng, W. Ampomah, E. Agyei, New Mexico Institute of Mining and Technology
0900	230583	**Temperature Effects on Injectivity Decline Due to Rock Dry-Out, Salt Precipitation and Fines Migration During CO_2 Storage: Laboratory and Mathematical Modelling** A. Keykhosravi, T.L. Russell, The University of Adelaide; N. Zulkifli, S.B. Shafian, M. Mahamad Amir, A. A Manap, PETRONAS Research Sdn Bhd; A. Badalyan, P. Bedrikovetsky, A. Zeinijahromi, The University of Adelaide
0930	230571	**Formation Damage Concerns and Laboratory Considerations with CO_2 Injection in Carbon Storage Wells** M. Martin, S. Drylie, J. Antia, F. Chen, J. Green, Core Laboratories Inc; B. Dindoruk, Texas A&M University
1000	230539	**Carbon Mineralization in Olivine-Rich Rocks: Analysis of Natural Process on Earth Compared to Mars and Implications for Carbon Storage** S. Saadat, M. Mokhtari, University of Louisiana At Lafayette; A. Ettehadi, Oklahoma State University; M. Alsaihati, D. Adjei, University of Louisiana at Lafayette
1030	230576	**Joule Thomson CO_2 Cooling Under Different Regime Heating by Adjacent Layers** C. Chesnokov, The University of Adelaide; R. Farajzadeh, Shell Global Solutions International BV; K. Fedorov, University of Tyumen; P. Bedrikovetsky, University of Adelaide
1100	230572	**Geomechanical Laplace-Fourier Transform Model Applied to Log-Log Well-Test Diagnostics of Compaction Damage and Underground Geological CO_2/H_2 Storage Near Partially Communicating Faults with Non-Uniform Reservoir Thickness** F.M. Fernandes, Pontifical Catholic University of Rio de Janeiro

Technical Program (as of 27 January 2026

Thursday, 19 February 2026 | 0830–1130 Salon B

09 Case Studies of Damage and Productivity Improvements

Session Chairpersons: **Bala Gadiyar,** SLB; **Wade Williams,** Chevron

This session presents compelling case studies highlighting innovative approaches to well integrity restoration, stimulation efficiency, and production enhancement across diverse global fields. From managing scale in pre-salt formations to optimizing gravel pack completions and deploying ultrasonic inspection in horizontal wells. Each paper offers practical insights into overcoming complex operational challenges.

Time	Paper #	Presentation
0830	230584	**Minimizing Formation Damage Caused By Drilling Fluids In Horizontal Wells With Low Formation Pressure: A Case Study In Llanos Orientales Basin, Colombia** H. Rueda, O. Diaz, Drill+ Solutions; A. Sandoval, R. Kovacs, Arrow Exploration; J. Castellanos Carvajal, E. Narvaez Garcia, E. Pacheco Gomez, Q'Max Solutions Inc.; B. Burts, M. Chisholm, M&D Industries of Louisiana, Inc.
0900	230547	**Conventional Openhole Gravel Pack Completions Deliver Higher Gas Production In Tapti Daman Area, India** B. Bhardwaj, Aparna, N. Shekhawat, Oil & Natural Gas Corp. Ltd.; A. Shende, S. Narayan, L. Srinivasan, D. Agarwal, M. Beldongar, B. Gadiyar, SLB
0930	230527	**Utilizing Expandable Liners to Restore Casing Integrity and Continue Well Stimulation Operations** S. Skiles, Expro
1000	230554	**Impact of Selectivity Loss on Scale Management In Well-F In the Buzios Pre-salt Field: Insights into Crossflow Effects and Operational Challenges** V.M. Cristante, F. Coelho, C. Guimaraes, L.O. Pelisoli, F.A. Silva, M.G. Da Silva, R. Tavares, Petrobras
1030	230519	**Three Phase Treatment Enhances Performance of Aging Well with Mechanical and Chemical Issues** W.H. Huval, Baker Hughes; R.W. Bryant, E. Herring, Hess Corp.; E. Theall, Baker Hughes
1100	230531	**Application of Autonomous Flow Control Devices for Optimizing Flow Conformance in High-enthalpy Geothermal and EGS Environment** M. Akbari, M. Konopczynski, J. Wine, TAQA Well Completions

Technical Program (as of 27 January 2026)

Thursday, 19 February 2026 | 0830–1130 Salon C

10 Innovations in Acidizing: Insights from Lab and Simulation Studies

Session Chairpersons: **Murtaza Ziauddin,** SLB; **Christine Fischer,** Constien & Associates

This session delves into cutting-edge lab experiments and simulation models to guide effective acid stimulation. Highlights include wormhole imaging, retarded acid systems and foam-based acids—all aimed at optimizing acid stimulation in complex formations.

Time	Paper #	Presentation
0830	230541	**Slice-by-Slice Insights into the Wormhole Mechanism with Microscopic Precision Crucial to the Design of Efficient Acid Stimulation Treatments** L. Jiang, J. Abbott, TAQA; G. Monreal, J. Garcia, F. Zamora, Premier Corex
0900	230501	**Core Calibrated Carbonate Acidizing Design: Case Study for Optimization Using Single Phase Retarded Acid and Degradable Diverter** D. Agee, SLB; M. Colombo, Eni E&P; P. Artola, J. Sanchez Reyes, H. Gomez Conzatti Y Martinez, J. Salinas, SLB; G. Carpineta, S. Spagnolo, Eni E&P
0930	230581	**Carbonate Matrix Stimulation with In-Situ Diverting Acid (ISDA) Systems: Field Scale Sensitivity Study** M. Ali, Baker Hughes
1000	230559	**Effect of Rock Surface Cleaning on Acid Dissolution Behavior in Carbonate Reservoirs** F.P. De Souza, L. Martins Siqueira, D.N. Nunes da Silva, E. Dutra Valente Duarte, Universidade Federal do Pará; E.Y. Yasuda, E. Sabadini, Universidade Estadual de Campinas; R. Gachet, TotalEnergies; P.T. Aum, Universidade Federal do Pará
1030	230551	**Impact of Mineralogy Variability on Acid Stimulation Design and Effectiveness in a Complex Carbonate Formation** H. Khaldi, A. Lawson-Jack, M. Otaibi, R. Rodoplu, Y. Almazny, Saudi Aramco
1100	230550	**Rheological Property and Diversion Performance of Temperature-control-viscosity Acid Used for Heterogeneous Carbonate Reservoir Acid Stimulation** J. Lai, Y. Liu, Y. Ma, Southwest Petroleum University; C. Cheng, S. Liu, Oil & Gas Technology Research Institute, PetroChina Qinghai Oilfield Company; J. Fang, W. Li, Y. Chen, Z. Yang, S. Yang, J. Guo, Southwest Petroleum University

Technical Program (as of 27 January 2026)

Thursday, 19 February 2026 | 1130–1330 Salons DEF

SE03 Closing Luncheon

Quentin Dyson
Board Member, Newpark

Mr. Dyson most recently served as Sr. Vice President of Operations at Southwestern Energy, an Onshore US based E&P Company with operations in Appalachia and the Haynesville shale. He oversaw engineering and field operations for Drilling, Completions, Production Facilities, Technology and two vertically integrated businesses: SWN Drilling Company (7 Drilling Rigs) and SWN Well Services (2 frac fleets). He has previously led other vertically integrated entities including a sand mine and a midstream company.

Prior to joining SWN, Mr. Dyson was Vice President of Operations at EP Energy, where he was focused on US Onshore unconventional assets including Permian, Eagle Ford, Haynesville, and Uinta basin. Before joining EP Energy, Mr. Dyson worked for BP, where he held various roles related to Drilling and Completions. During the course of his 30-year career in the industry he has worked onshore, offshore shelf and Deepwater assets both in the US as well as internationally.

Mr. Dyson received a Bachelor of Science Degree in Mechanical Engineering from Louisiana State University.

Technical Program (as of 27 January 2026)

Thursday, 19 February 2026 | 1330—1630 Salon B

12 Productivity Enhancement

Session Chairpersons: **Haiyan Zhao,** ExxonMobil; **Buck Hochin,** PIC Chemicals

This session highlights novel approaches and emerging technologies that enhance well performance and intervention strategies. Topics span from critical evaluations of solvent use in matrix acidizing, formation damage quantification and remediation, to innovations in flow modeling, swell packer qualification, and coiled tubing reach enhancement.

Time	Paper #	Presentation
1330	230529	**Critical Review of Solvent Usage and Placement in Matrix Acidizing** M.J. Fuller, Chevron Technical Center; O. Karazincir, Chevron Technology Co; W. Williams, Chevron Technical Center
1400	230533	**Quantifying Perforation Damage: A Comprehensive Study Using API RP19B Section 4 Perforation-Flow Testing** J. McGregor, B. Grove, J. Zhang, H. Arabnejad, Halliburton
1430	230590	**CFD Modeling of Annular Flow Improves Velocity Guideline for Maximum Production Rates of Stand Alone Screen Completions** C. Malbrel, TPM Ltd.; L. Djayapertapa, M. Byrne, K. Watson, Elemental Energies
1500	230528	**Determining the Minimum Critical Transport Rate for Successful HzOHGPs with Brine** A. Tallin, Consultant; Y. Zhang, P. Campbell, C. Lin, Shell Exploration & Production
1530	230518	**Improving Swell Packer Performance through Standardized Qualification Process** M. Nozaki, J. Constantine, N. Zwarich, M. Kneale, ConocoPhillips Co
1600	230586	**Enhancing Coiled Tubing Reach in Extended Reach Horizontal Wells Using Hydraulic Activated Friction Reduction Tool (HAFRT)** M. Varshney, A. Nadeem, B. Ahmad, W. Javed, A. Adnan, Y.K. Maheshwari, M.J. Alblooshi, S. Taheri, H. Al Hammadi, M. Al Bloushi, M. Subaihi, ADNOC Onshore

Technical Program (as of 27 January 2026)

Thursday, 19 February 2026 | 1330—1630 Salon C

13 Sand Control Innovations: Measurement, Modeling, Completions, and Chemistry

Session Chairpersons: **Ray Tibbles,** DuneFront; **Marco Colombo,** Eni E&P

This session explores the latest advances in sand control, starting with foundational methods for particle size distribution measurement and fluid displacement modeling to improve design accuracy. Presentations will then highlight innovations in completion hardware, including high erosion-resistant bead screens and autonomous inflow control valves, to address challenging reservoir conditions. The session concludes with cutting-edge chemical solutions—from sand-surface selective consolidation systems to microgel treatments and proppant flowback mitigation—that expand the toolkit for subsurface solids production management across diverse well environments.

Time	Paper #	Presentation
1330	230564	**Is There Really Anything New In PSD?** A. LaCassa, S. Tinker, Woodside Energy; C. Fischer, K. Gurley, Constien & Associates
1400	230536	**Beyond Plug Flow: Realistic Fluid Displacement Modelling for Sand Control Success** S. Jain, K. Govinathan, P. Wassouf, S. Tocalino, DuneFront; I. Frigaard, University of British Columbia
1430	230574	**Innovative Sand Control Solutions For Enhanced Hydrocarbon Extraction In Mature And Challenging Reservoirs** V. Gioia, G. Carpineta, G. Ferrara, L. Farina, ENI SpA; M. Di Pietro, A. Balgobin, A. Fusilli, P. Nayakawadi, Baker Hughes
1500	230568	**Transforming Sand Control: A Sand-Surface-Selective Chemical System for Prevention and Remediation** M. Tria, C. Waller, M. Kazempour, J. Lee, A. Roostapour, V. Balsamo-Hernandez, SLB
1530	230520	**Mitigating Sand Production in Mature Oil Well with Microgel Technology** N. Gaillard, N. Salehi, A. Zaitoun, Poweltec; M. El Marghani, Alajeal Oil Services; M. Etajuri, S. Alshabani, S. Edayekh, Waha Oil Company
1600	230591	**Chemical Mitigation of Proppant Flowback** A. Recio, III, F. Ruiz II, N. Mast, I. Saputra, M. Sanders, Halliburton

Technical Program (as of 27 January 2026)

Friday, 20 February 2026 | 0900–1200 Vermilion

SE01 Open Forum: Beyond the Hype: Designing More Efficient Wells Productivity With Flow Control — Implementation, Cost vs. Benefit

Moderator: **Alberto Uzcategui,** Inflow Control

With higher implementation of Inflow Control Devices (ICDs) and additional complexity introduced in the completion, the interaction of the formation/sandface with screen become critical aspect for most modern well designs. The nature of flow control device which works based on introducing a choke to restrict the flow of unwanted fluid, increases the risk of plugging. Therefore, this forum seeks to discuss workflows for performance evaluation and optimization of ICDs in an effort to maximize their benefits. The Panel of experts with an interactive audience will explore the advantages and disadvantages of different evaluation criteria.

Speakers:

Indra Gunawan, ConocoPhillips
Viet Le, Chevron
Adegbenro Oguntimehin, Shell
Muhammad Sofyan, TotalEnergies

Friday, 20 February 2026 | 1215–1330 Ashland

SE04 Open Forum Luncheon