

2019 NAPS

NORTH AMERICA PERFORATING SYMPOSIUM

AND SAFETY FORUM

DALLAS-FT. WORTH. AUGUST 5-6, 2019

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PERFORATORS.ORG
INTERNATIONAL PERFORATING FORUM

2019 NAPS

NORTH AMERICA PERFORATING SYMPOSIUM

AND SAFETY FORUM

Welcome to the 2019 NORTH AMERICA PERFORATING SYMPOSIUM AND SAFETY FORUM! You are cordially invited to enjoy our technical program and take a moment to acknowledge our Sponsors, Presenters and Committee Members, who made this event possible.

Thank you,

Alphie Wright, NAPS 2019 CHAIRMAN

NAPS 2019 Sub-Committee Chairs:

Steve Delozier
Stuart Wood
Eliana Mandujano
David Smith
Caitlin Bowers

NAPS 2019 Committee Members:

Matt Clay
Cam Le
John Carminati
Anthony Nguyen
Clint Quattlebaum
Bill Myers
Pedro Soriano

Our Special Thanks To The 2019 NAPS AND SAFETY FORUM

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Agenda

2019 North America Perforating Symposium & Safety Forum

Day 1

7:00	8:00	Registration and Breakfast			
8:00	8:30	Opening Remarks and Anti-Trust			
Session I		Energetic Testing and Technology Developments			
8:30	9:00	2019 NAPS-1.1	Advances in perforating testing; then next generation test system	Schlumberger	Atwood
9:00	9:30	2019 NAPS-1.2	Improving Pumping Down Efficiency and Safety with Intelligent Assisting System	China National Petroleum Corporation	Zhao
9:30	10:00	2019 NAPS-1.3	Testing the fines migration hypothesis for cased-hole gravel pack impairment using a novel laboratory approach	Halliburton	McGregor
10:00	10:30	Break			
Session II		Perforating Dynamics and Modeling			
10:30	11:00	2019 NAPS-2.1	3D flatpack simulations	Halliburton	Craddock
11:00	11:30	2019 NAPS-2.2	Application of a Transient Near-Wellbore / Reservoir Simulator For Complex Completions Design	Baker Hughes, a GE Company	Satti
11:30	12:00	2019 NAPS-2.3	Dynamic Overbalance vs. Dynamic Underbalance - API 19B Section IV testing of encapsulated shaped charges compared to conventional hollow steel carrier guns	DynaEnergetics	Fricke
12:00	13:00	Lunch			
Session III		Energetic Testing and Technology Developments			
13:00	13:30	2019 NAPS-3.1	Frac Charges – How Do They Really Perform Downhole?	Halliburton	Grove
13:30	14:00	2019 NAPS-3.2	Cluster Perforating Systems – Tailored perforating for modern completions	Hunting Titan	Sokolove
14:00	14:30	Break			
Session IV		Perforating and Energetic Safety			
14:30	15:00	2019 NAPS-4.1	2019 Revision of the PSAC/ESC Oilwell Perforators Safety Course	Energy Safety Canada/Downton's Completions	Wierenga
15:00	15:30	2019 NAPS-4.2	Agitating Explosives In Extended Reach Wells - A Good Idea?	Expro	Daly
15:30	16:00	2019 NAPS-4.3	Increasing Safety by Advancing Perforating Technology	Hunting Titan	Amin
16:00	16:30	2019 NAPS-4.4	What Happens if Shear Ram Closed Against Perforating Guns	Petroleum Development of Oman	Ibrahim
16:30	17:00	Closing Remarks and Door Prize Drawings			

Poster Session

17:00	19:00	2019 NAPS-P.1	Study on Process Analysis and Pumping Rate Control of Static Start-up Pumping Down in Horizontal Well	China National Petroleum Corporation	Yang
		2019 NAPS-P.2	Modular Gun Systems Increase Frac Job Efficiency by Driving Defects Per Million Opportunities (DPMO) Lower	Halliburton	Wood
		2019 NAPS-P.3	Perforating Toolkit Improvements	Halliburton	Wight
		2019 NAPS-P.4	Autonomous Downhole Tools – Development Update and Field Trial Results	Hunting Titan	Dyess
		2019 NAPS-P.5	Safe Release System	KSWC	King
		2019 NAPS-P.6	Slim casing is no longer a problem for Fastgauge pressure recording	Petroleum Development of Oman	Ibrahim
		2019 NAPS-P.7	Safely perforate toe at TD on coil tubing	Schlumberger	Thompson
		2019 NAPS-P.8	Propellant Stimulation provides optimized connectivity in laminated reservoirs	Schlumberger	Benavides
		2019 NAPS-P.9	Application of Stimstream Shaped Charge with Consistent Entrance Hole and Deep Penetration in Shale Gas Reservoir	Schlumberger	Guo
19:00	21:00	Dinner			

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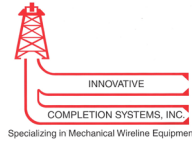
Day 2

7:00	8:00	Registration and Breakfast			
8:00	8:15	Opening Remarks & Review Anti-Trust			
Session V		Productivity Improvement Case Studies			
8:15	8:45	2019 NAPS-5.1	A Look at Perforating for Mechanical Isolation Refracs	Owen Oil Tools	Coker
8:45	9:15	2019 NAPS-5.2	Extended Lateral Solutions for an Extremely Difficult Well Trajectory	Allied-Horizontal Wireline Services	Albert
9:15	9:45	2019 NAPS-5.3	New Method for Tubing Conveyed Perforating Long Intervals with Improved Reliability	Owen Oil Tools	Loving
9:45	10:15	Break			
Session VI		Perforating Dynamics and Modeling			
10:15	10:45	2019 NAPS-6.1	Numerical simulation for near borehole fluid dynamics at perforation tunnel	University of Utah	Vega
10:45	11:15	2019 NAPS-6.2	Dynamic behavior and simulation of a shock data measured low-debris transient-management gun system	Halliburton	Kuldeep Singh
11:15	11:45	2019 NAPS-6.3	Prediction of Gun String Dynamic Failure Risks during Perforating	Starboard Innovations, LLC	Rodgers
11:45	12:15	2019 NAPS-6.4	Re-perforating formerly inaccessible well areas beneath completion collapse and axially displaced tubulars.	Archer	Maouche
12:15	13:15	Lunch			
Session VII		Productivity Improvement Case Studies			
13:15	13:45	2019 NAPS-7.1	Perforating Deployment System Reduces Rig Time	Schlumberger	Hillier
13:45	14:15	2019 NAPS-7.2	Perforating Trends, Technology and Evaluation in North America	ProTechnics, A Division of Core Laboratories	Squires
14:15	14:45	Break			
Session VIII		Productivity Improvement Case Studies			
14:45	15:15	2019 NAPS-8.1	Propellant-Assisted Technologies Successfully Deployed in Middle-East Formations to Enhance Productivity	Baker Hughes, a GE Company	Satti
15:15	15:45	2019 NAPS-8.2	Test Results (Field & Lab) for A New Composite Perforating Method that Integrates Propellant and Shaped Charges	Allied-Horizontal Wireline Services	Albert
15:45	16:15	2019 NAPS-8.3	Instrumented Docking Perforating Gun System – Field experience results in Ecuador	Schlumberger	Benavides
16:15	17:00	Closing Remarks and Door Prize Drawings			

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