

# Asia Pacific Perforating Symposium

APPS 2018

MARCH 19-20,

2018

Kuala Lumpur Malaysia

## Welcome to APPS 2018 in Kuala Lumpur, Malaysia!

You are invited to enjoy our technical program and take a moment to acknowledge our Sponsors, Presenters and Committee Members, who made this event posible.

Thank you, Clint Quattlebaum

John Davidson

APPS 2018 Co-Chairs: Clint Quattlebaum- Halliburton

John Davidson - Consultant

APPS 2018 Committee Members: Josh Lavery - Halliburton Nicholas Hendry- Shell Agung Cahyono - Corelab

Daniel Pastor - Hunting Titan Kerry Daly - Expro

Santosh Karunakaran - DynaEnergetics Chris Chalker - Geodynamics

Adil Al Busaidy - Schlumberger Yvonne Chung - Shell

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| **Agenda** | 2018 Asia Pacific Perforating Symposium |
| **Sunday, March 18 Intercontinental Hotel, Kuala Lumpur, Malaysia** | |

19:00 - 21:00 Dinner for Committee Members, Sponsors, and Presenters - Orchid & Dahlia

Monday, March 19 Junior Ballroom - Intercontinental Hotel, Kuala Lumpur, Malaysia

8:00 - 9:00 **Registration**

Opening Session

*Clint Quattlebaum*

9:00 - 9:15 **Opening of Symposium**

9:15 - 9:30 **Safety Moment**

9:30 - 9:45 **Sponsor & Committee Recognition**

Opening Speech: Malaysia Production Enhancement Landscape and Key

9:45 - 10:15

**Challenges** *Wan A Aziz Wan Razali, Head of Production Technology, PETRONAS Malaysia Petroleum Management (MPM)*

10:15 - 11:00 **Break**

Productivity Improvement Case Studies

*Josh Lavery & Andrew Pettitt*

11:00 - 11:30 Selection of perforation technique for brown fields: A novel approach

*Vikash Kumar, Expro*

Propellant-Assisted stimulation treatment to overcome near wellbore damage,

11:30 - 12:00

successfully executed in INDIA, a Case Study

*Aditee Kulkarni, Baker Hughes a GE Company*

12:00 13:00 **Lunch**

Explosives Safety

*Adil Al Busaidy & Daniel Pastor*

13:00 - 13:30 Recovery of Perforating Guns where the Explosives are Thermally Overexposed

*Alphie Wright, Hunting Titan*

Carbon Monoxide Hazards from Perforating During Plug and Abandonment

13:30 - 14:00

14:00 - 14:30

Operations

*Brenden Grove, Halliburton*

Is Shelf Life a Safety Consideration? A Case History Related to recent TCP Problem Incidents

*Kerry Daly, Expro*

14:30 - 14:45 **Break**

Novel Perforating Concepts

*Kerry Daly & Santosh Karunakaran*

14:45 - 15:15

15:15 - 15:45

Perforating Vertical Smart Well Completions Using Tubing-Conveyed Perforating Gun Assemblies: Case History

*Josh Lavery, Halliburton*

Autonomous Initiation Systems – Eliminating the Risks Associated with Downhole Conveyance

*Adam Dyess, Hunting Titan*

15:45 - 16:15 Real-time telemetric activation of slickline deployed perforating guns

*John Creighton, Paradigm*

16:15 - 16:30 **Break**

Perforation Testing

*Nick Hendry & Chris Chalker*

16:30 - 17:00

17:00 - 17:30

Shaped Charge Performance Evaluation Section IV - What is better Axial or Radial Flow?

*Joern Loehken, DynaEnergetics*

Successful use of API Section-IV Testing to Select between Zinc and Steel Case Shaped Charges in a Dual Zone Cased Hole Gravel Pack Tubing-Conveyed Perforating Operation for a Gas Well: Case Study

*Mandeep Singh, Halliburton*

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| **Monday, March 19 Junior Ballroom - Intercontinental Hotel, Kuala Lumpur, Malaysia** | |

17:30 - 19:30 **Advanced Analysis of Clean-up and Productivity from Perforated Rocks Using Computational Fluid Dynamics,** *Baker Hughes a GE Company*

Multiple Operators in Asia-Pacific Region Improve Asset Value by Leveraging Perforation, *Halliburton*

**Effective parameters on Oil well perforator and perforating gun design** *Mahmood Taheri, Demico*

**A Flow Laboratory Study of an Enhanced Perforating System Designed for Well Stimulation,** *Baker Hughes a GE Company*

Configuring Dynamic Underbalance to Achieve Perforation Tunnel Cleanup in a Gas Well at High Static Overbalance Conditions, *Halliburton*

An Integrated Scientific Workflow Enables Successful Perforating Operations in Offshore Southeast Asia, *Baker Hughes a GE Company*

Tuesday, March 20 Junior Ballroom - Intercontinental Hotel, Kuala Lumpur, Malaysia

8:00 - 9:00 **Registration**

9:00 - 9:15 **Opening Remarks** *John Davidson*

Operational Efficiency Improvements

*Kevin Anderson & Rahmat Wibisona*

9:15 - 9:45 Advances in Detection of External Casing Cables During Perforating Operations

*Iain Maxted, Guardian Global Technologies Ltd*

9:45 - 10:15 **Perforate or Stimulate?**

*Izura Aripin, Petronas Carigali Sdn Bhd*

10:15 - 10:45 **Crossflow May HIT Your Back!**

*Cheryl Perng, Murphy Oil Corp*

10:45 - 11:00 **Break**

Perforation Modeling

*Yvonne Chung & Agung Cahyono*

11:00 - 11:30

11:30 - 12:00

Improving Existing Perforation Efficiency via Thru-Tubing Dynamic Underbalance Application in Offshore Field Malaysia

*Lester Tugung Michael, Schlumberger*

Validation and Application of a Next-Generation Dynamic Event Simulator for Perforated Completions

*Jim Gilliat, Baker Hughes a GE Company*

12:00 - 12:30 **Closing Remarks**

12:30 - 13:30 **Lunch - Serena Brasserie**

Explosives Safety

14:00 **OTC Asia Opens at KLCC**

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