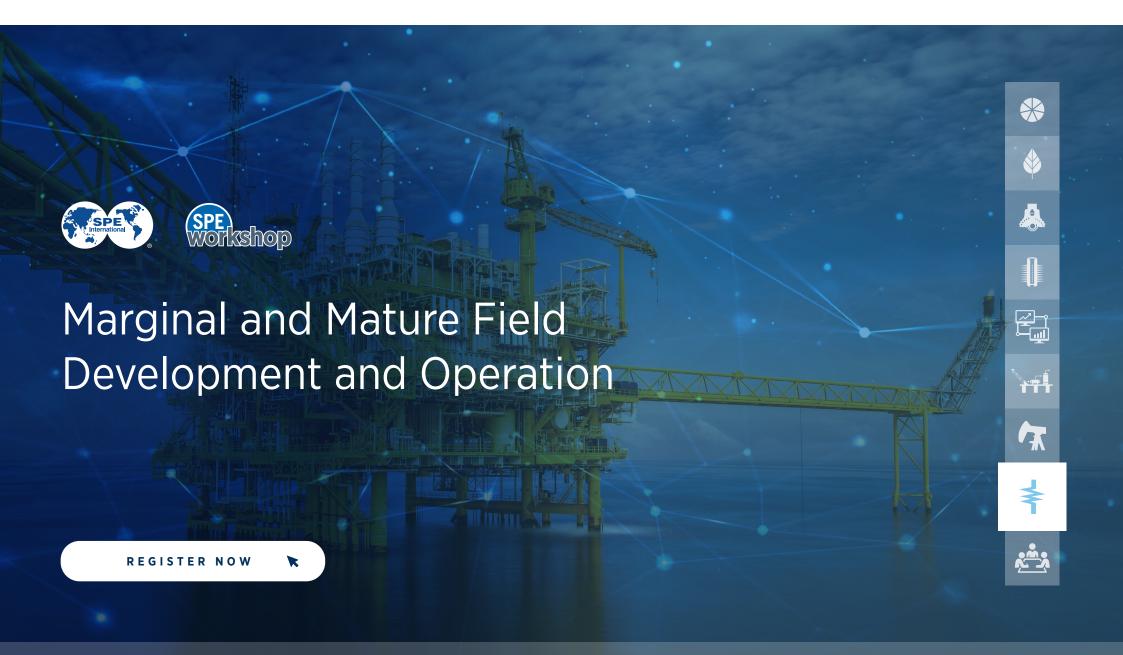
SPE WORKSHOP

6-7 AUGUST 2024 | KUALA LUMPUR, MALAYSIA

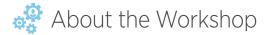








6-7 AUGUST 2024 | KUALA LUMPUR, MALAYSIA



Marginal and Mature Field Development and Operation

This workshop will explore various views on marginal field development and operation, focusing on integrating strategies from mature field management to ensure sustainable energy production throughout the asset lifecycle. This gathering of industry experts will explore innovative approaches, best practices, and emerging technologies tailored to maximise the potential of marginal fields while addressing challenges in their late-life phases.

Participants will gain insights into reservoir characterisation methodologies, enhanced oil recovery techniques, cost-effective drilling solutions and fit-for-value facilities concepts tailored to marginal environments. Through case studies and interactive discussions, attendees will uncover synergies between mature and marginal field development, unlocking new pathways for maximising asset value.



LEARN from leading experts and decision-makers driving the field through in-depth technical knowledge sharing and discussions.



IMPROVE operational efficiency in various areas of marginal and mature fields operations.



LEVERAGE peer-to-peer networking opportunities to enhance industry collaborative efforts.

★ Who Should Attend?

ASSET DEVELOPMENT
AND MANAGEMENT

▲ FACILITIES AND PROCESS

₱ FIELD DEVELOPMENT PLANNING

■ GEOLOGY AND GEOPHYSICS

■ INTEGRATED OPERATIONS

₱ PRODUCTION ENGINEERING

₱ PRODUCTION SURVEILLANCE

RESERVOIR ENGINEERING

RESERVOIR MANAGEMENT

STRATEGIC PLANNING

SUSTAINABILITY

TECHNO-COMMERCIAL

■ TECHNOLOGY AND INNOVATIONS

VENTURE CAPITAL

● WELLS P&A

₹ FACILITIES DECOMMISSIONING

■ GOVERNMENT & REGULATORS

OUR COMMITTEE MEMBERS

Get to know the Committee Members that shapes the programme.



Join SPE today and receive a discounted registration rate for this workshop and other SPE events.









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Programme Schedule

TUESDAY, 6 AUGUST 2024				
0800 - 0850	Arrival of Delegates, Registration and Welcome Refreshments			
0850 - 0900	Safety Announcement by Hotel			
0900 - 1000	Welcome Remarks and Keynote Session			
1000 - 1030	Group Photo / Coffee and Tea Break			
1030 - 1230	Session 1: Panel Session - Ways to Monetise Marginal and Mature Fields to Bring Value to Project Economics Session Manager: Jazmie Osman, PETRONAS; Azmeer Ahmad, ExxonMobil			
1230 - 1330	Networking Luncheon			
1330 - 1530	Session 2: Technologies to Enable Marginal and Mature Fields Operation and Development Session Managers: Sorawee Rongdechprateep, PTTEP; M Sahir Ahmad Shatiry, PETRONAS; Jan Niuerwerf, SNF			
1530 - 1550	Coffee and Tea Break			
1550- 1750	Session 3: Drilling, Well Completion and Workover Technologies and Solutions to Monetise Marginal and Mature Fields Session Managers: Nurul Ezalina, PETRONAS; Agus Jayadi, SLB			
1830 onwards	Welcome Dinner			

WEDNESDAY, 7 AUGUST 2024 Session 4: Innovative Approaches to			
0900 - 1100	Session 4: Innovative Approaches to Surface and Subsurface Design and Layout Optimisation for Marginal and Mature Field Developments Session Managers: Siti Shafikah, PETRONAS; Leong Dong Guo, PTTEP		
1100 - 1120	Coffee and Tea Break		
1120 - 1320	Session 5: Advanced Process Optimisation Techniques and Execution Case Studies for Enhancing Production Efficiency and Reducing Operating Costs in Marginal and Mature Fields Session Managers: Goh Bee Ling, ExxonMobil; Zukhairi Ismail, PETRONAS; Jason Kok, iNNOVATEQ		
1320 - 1420	Networking Luncheon		
1420 - 1620	Session 6: Integrated Asset Life Extension and Management Strategies for Maximising the Lifecycle Value of Surface Facilities in Marginal and Mature Field Operations Session Managers: Izham Ruslim, Jadestone; M Zhafran Sulaiman PETRONAS; Marlina Salim, PETRONAS; Hafiz Azlam, PETRONAS		
1620 - 1640	Coffee and Tea Break		
1640 - 1700	Workshop Summary and Closing Remarks		

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6-7 AUGUST 2024 | KUALA LUMPUR, MALAYSIA

Tuesday, 6 August 2024

0900 - 1000Welcome Remarks and Keynote Address



WELCOME REMARKS
Jazmie Osman
Workshop Co-chair
General Manager
PETRONAS



WELCOME REMARKS
Azmeer Ahmad
Workshop Co-chair
Senior Manager, Wells Operations
ExxonMobil

1000 - 1030 | GROUP PHOTO / COFFEE AND

1030 - 1230

SESSION 1: PANEL SESSION - WAYS TO MONETISE MARGINAL AND MATURE FIELDS TO BRING VALUE TO PROJECT ECONOMICS

Session Manager: Jazmie Osman, PETRONAS; Azmeer Ahmad, ExxonMobil

The panel session will provide perspective from Host Authority, national field operators, international marginal filed operators and service providers in addressing pinning facets of Marginal and Mature Fields issues and the way forward.

1230 - 1330 | NETWORKING LUNCHEON

1330 - 1530

SESSION 2: TECHNOLOGIES TO ENABLE MARGINAL AND MATURE FIELDS OPERATION AND DEVELOPMENT

Session Managers: Sorawee Rongdechprateep, PTTEP; M Sahir Ahmad Shatiry, PETRONAS; Jan Niuerwerf, SNF

The development and operation of marginal and mature fields present unique challenges that requires innovative solutions to ensure economic and production efficiency. Technologies such as EOR techniques play a pivotal role in maximising extraction from these fields.

1530 - 1550 | COFFEE AND TEA BREAK

1550 - 1750

SESSION 3: DRILLING, WELL COMPLETION AND WORKOVER TECHNOLOGIES AND SOLUTIONS TO MONETISE MARGINAL AND MATURE FIELDS

Session Managers: Nurul Ezalina, PETRONAS; Agus Jayadi, SLB The session will discuss the cutting-edge technologies and

ingenious solutions in optimisation of marginal and mature field operations, spotlighting advancements in cost-efficiency, safe asset management, enhance reservoir recovery and hydrocarbon production.

1830 ONWARDS | WELCOME DINNER









6-7 AUGUST 2024 | KUALA LUMPUR, MALAYSIA

Wednesday, 7 August 2024

0900 - 1100

SESSION 4: INNOVATIVE APPROACHES TO SURFACE AND SUBSURFACE DESIGN AND LAYOUT OPTIMISATION FOR MARGINAL AND MATURE FIELD DEVELOPMENTS

Session Managers: Siti Shafikah, PETRONAS; Leong Dong Guo, PTTEP

This session will discuss innovative methods in facility design that fulfils safety, commercial and operational objectives and caters for future expansions with minimal environmental impact and explore unconventional methods to improve subsurface data credibility.

1100 - 1120 | COFFEE AND TEA BREAK

1120 - 1320

SESSION 5: ADVANCED PROCESS
OPTIMISATION TECHNIQUES AND
EXECUTION CASE STUDIES FOR ENHANCING
PRODUCTION EFFICIENCY AND REDUCING
OPERATING COSTS IN MARGINAL AND
MATURE FIELDS

Session Managers: Goh Bee Ling ExxonMobil; Zukhairi Ismail PETRONAS; Jason Kok, iNNOVATEQ

The search for higher production efficiency and lower operating costs is an ongoing effort in the mature and marginal fields. This technical session explores some of the advanced process optimisation techniques and execution case studies in this effort.

1320 - 1420 | NETWORKING LUNCHEON

1420 - 1620

SESSION 6: INTEGRATED ASSET LIFE
EXTENSION AND MANAGEMENT STRATEGIES
FOR MAXIMISING THE LIFECYCLE VALUE
OF SURFACE FACILITIES IN MARGINAL AND
MATURE FIELD OPERATIONS

Session Managers: Izham Ruslim, Jadestone; M Zhafran Sulaiman PETRONAS; Marlina Salim, PETRONAS; Hafiz Azlam, PETRONAS

The session explores novel technologies and methodologies that are applicable to operation, maintenance, inspection and asset integrity activities in marginal and mature fields, as assets gear up for late field optimisation and life extension activities.

1620 - 1640 | COFFEE AND TEA BREAK

1640 - 1700 WORKSHOP SUMMARY AND CLOSING REMARKS















6-7 AUGUST 2024 | KUALA LUMPUR, MALAYSIA



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Company logo displayed during event	✓	✓	✓
Company logo in all workshop promotional email broadcasts	✓	✓	✓
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Company logo in all workshop Mobile App attendee emailers	✓	✓	✓
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