



**2010 NEW ZEALAND  
PETROLEUM CONFERENCE**

19-22 SEPTEMBER 2010 SKYCITY CONVENTION CENTRE, AUCKLAND, NEW ZEALAND

# CONFERENCE PROGRAMME

## SUNDAY 19<sup>TH</sup> SEPTEMBER 2010

5:30 – 7:30pm	Registration Venue: Auckland Promenade, Level 4
6:00 – 8:00pm	Official Conference Opening Proudly brought to you by Reflect Geophysical and NZOG Venue: Auckland Room, Level 4

## MONDAY 20<sup>TH</sup> SEPTEMBER 2010

7:30am onwards	Registration Venue: Auckland Promenade, Level 4
8:50 – 10:15am	<b>SESSION 1: ECONOMIC TRANSFORMATION – UNLOCKING NEW ZEALAND'S PETROLEUM POTENTIAL</b> <b>CHAIR: DAVID SMOL, MINISTRY OF ECONOMIC DEVELOPMENT</b> <b>VENUE: NEW ZEALAND ROOMS 1 &amp; 2</b>
10:30 – 2:30pm	Student Programme – sponsored by EXITO Venue: Epsom Room
8:50 – 9:00am	Conference Opening MC: Sean Plunket
9:00 – 9:25am	Address by Hon Gerry Brownlee Minister of Energy and Resources, and Minister for Economic Development, New Zealand Government
9:25 – 9:50am	Destination New Zealand David Salisbury, Chief Executive Officer and Managing Director, NZOG
9:50 – 10:15am	Stepping Up: Options for Developing the Potential of New Zealand's Oil, Gas and Minerals Sector John Kidd, Head of Research, McDouall Stuart Securities Ltd
10:15 – 10:55am	Morning Tea Venue: Auckland Room, Level 4



**MONDAY 20<sup>TH</sup> SEPTEMBER 2010**

<b>10:55 – 12:30pm</b>	<b>SESSION 2: CONVERTING OIL AND GAS POTENTIAL TO GENERATE ECONOMIC WEALTH – INTERNATIONAL PERSPECTIVES</b> <b>CHAIR: MARK ALIPRANTIS, REFLECT GEOPHYSICAL</b> <b>VENUE: NEW ZEALAND ROOMS 1 &amp; 2</b>
<b>10:55 – 11:20am</b>	Investment Opportunities in New Zealand and the Asia Pacific Region William Buechler, President, Buechler Capital Asset Management, LLC
<b>11:20 – 12:05pm</b>	Lessons from the Norwegian Experience Farouk Al-Kasim, President, Petroteam a.s, Norway
<b>12:05 – 12:30pm</b>	OMV – Global Player Based on Local Success Walter Hamilton, VP, Middle East & AustralAsia, OMV Exploration & Production
<b>12:30 – 1:40pm</b>	Lunch – sponsored by Reflect Geophysical Venue: Auckland Room, Level 4
<b>1:40 – 3:20pm</b>	<b>SESSION 3: NEW ZEALAND EXPLORATION AND PRODUCTION POTENTIAL</b> <b>CHAIR: JAMES WILLIS, OCTANEX NL</b> <b>VENUE: NEW ZEALAND ROOMS 1 &amp; 2</b>
<b>1:40 – 2:05pm</b>	The Future of Gas in Fuelling New Zealand, and the World Paul Zealand, Executive General Manager, Upstream Oil and Gas, Origin Energy
<b>2:05 – 2:30pm</b>	Exploring the New Zealand Continent Mike Isaac, Senior Geologist, GNS Science & Dr Richard Cook, Chief Petroleum Geologist, Crown Minerals
<b>2:30 – 2:55pm</b>	The Perspective of NZ's Largest Onshore Taranaki Permit Holder Mark Dunphy, Director, Greymouth Petroleum
<b>2:55 – 3:20pm</b>	Exploration in the Great South Basin, New Zealand John Anderson, Exploration Manager, OMV New Zealand
<b>3:20 – 3:45pm</b>	Afternoon Tea Venue: Auckland Room, Level 4
<b>3:45– 5:00pm</b>	<b>SESSION 4: NEW ZEALAND EXPLORATION AND PRODUCTION POTENTIAL</b> <b>CHAIR: ALLAN MELHUIH, GENESIS ENERGY</b> <b>VENUE: NEW ZEALAND ROOMS 1 &amp; 2</b>
<b>3:45 – 4:10pm</b>	Commercialising Coal Seam Gas in Southland Dr Chris McKeown, Business Development Manager, L&M Energy
<b>4:10 – 4:35pm</b>	Underground Coal Gasification – A Transformational Technology Dr Steven Pearce, Manager, Solid Energy NZ Ltd
<b>4:35 – 5:00pm</b>	Floating LNG as a Production Solution for New Zealand Malcolm King, FLNG Commercial Development Manager, Shell – Upstream International
<b>5:00 – 6:30pm</b>	Happy Hour Venue: Auckland Room, Level 4



**TUESDAY 21<sup>ST</sup> SEPTEMBER 2010**

<b>9.00 – 10.20am</b>	<b>SESSION 5: UNLOCKING NEW ZEALAND'S PETROLEUM POTENTIAL – LEVERS FOR CHANGE</b> <b>CHAIR: DAVID SALISBURY, NZOG</b> <b>VENUE: NEW ZEALAND ROOMS 1 &amp; 2</b>	
<b>10.30 – 2:30pm</b>	Student Programme – sponsored by EXITO Venue: Epsom Room	
<b>9.00 – 9.25am</b>	Address by Hon Bill English Minister of Finance, New Zealand Government	
<b>9.25 – 9.50am</b>	International Trends in Petroleum Taxation and Regulation – What Lessons for New Zealand? Prof. Alex Kemp, Professor of Petroleum Economics, Director, Aberdeen Centre for Research in Energy Economics and Finance (ACREEF), University of Aberdeen Business School	
<b>9.50 – 10.15am</b>	Unlocking NZ's Huge Unconventional Petroleum Potential Dr Don Elder, CEO, Solid Energy NZ Ltd	
<b>10.15 – 10.40am</b>	The State of the NZ Petroleum Industry John Bay, Chairman, PEPANZ	
<b>10:40 – 11.10am</b>	Morning Tea Venue: Auckland Room, Level 4	
<b>11.10 – 12.50pm</b>	<b>SESSION 6A: LEGAL AND COMMERCIAL</b> <b>CHAIR: CHRIS GORDON, BELL GULLY</b> <b>VENUE: NEW ZEALAND ROOMS 1 &amp; 2</b>	<b>SESSION 6B: BASIN OPPORTUNITIES</b> <b>CHAIR: RICHARD COOK, CROWN MINERALS</b> <b>VENUE: NEW ZEALAND ROOMS 3 &amp; 4</b>
<b>11.10 – 11.35am</b>	Petroleum Regulatory Environment David Coull, Partner, Bell Gully	Westward Ho! Reinga Basin and the Northwest Frontier of New Zealand Ray Wood, Geologist, GNS Science
<b>11.35 – 12.00pm</b>	Petroleum Industry Tax Update Brent Hulbert, Partner, PricewaterhouseCoopers	Offshore Canterbury Basin–Efficient Use of Emerging Technology in the Advancement of Frontier Exploration Barrett (Bret) Dixon, International New Ventures, Anadarko Petroleum Corporation
<b>12:00 – 12.25pm</b>	Māori and Minerals – an Update Damian Stone, Senior Associate, Kahui Legal	Breaking New Ground – Again! The Pegasus Sub–basin of the East Coast Basin, North Island Chris Uruski, Geophysicist, GNS Science
<b>12.25 – 12.50pm</b>	New Zealand's Disclosure of Reserves David Buckrell, Chief Advisor, Energy and Communications, MED	Thermochronologic Constraints on East Coast Basin Evolution in the Hawke's Bay Region Kevin Furlong, Professor, Penn State University
<b>12.50 – 2.00pm</b>	Lunch – sponsored by NZOG Venue: Auckland Room, Level 4	



**TUESDAY 21<sup>ST</sup> SEPTEMBER 2010**

2.00 – 3.40pm	<b>SESSION 7A: BASIN STUDIES</b> <b>CHAIR: JOANNA BREARE, STOS</b> <b>VENUE: NEW ZEALAND ROOMS 1 &amp; 2</b>	<b>SESSION 7B: EXPLORATION TECHNIQUES</b> <b>CHAIR: MARK STANLEY, CGGVERITAS</b> <b>VENUE: NEW ZEALAND ROOMS 3 &amp; 4</b>
2.00 – 2.25pm	Tectonic–Forced Punctuation of the “Passive Margin” Phase of New Zealand’s Sedimentary Basins Dr Mac Beggs, Exploration Manager, New Zealand Oil & Gas Ltd	Accelerated Weight Drop for New Zealand Seismic Acquisition Rod Van Koughnet, Exploration Manager, L&M Energy
2.25 – 2.50pm	Chasing High Porosity–Permeability: A Study of the Mangahewa Formation, Kapuni Field Dr Karen Higgs, Reservoir Geologist, GNS Science/CO2CRC	Chemometric Analysis of Oil Families and Oil–Source Rock Correlations in New Zealand Basins: Implications for Source Kitchens and Migration Pathways Richard Sykes, Source Rock Geologist, GNS Science
2.50 – 3.15pm	New Developments in Gas Hydrate Exploration – Implications for the Hikurangi Margin Ingo Pecher, Gas Hydrates Scientist, GNS Science	Regional to Local Resource Evaluation and Ranking using a Geodynamic “Bottom-up” Workflow in the Deepwater Taranaki Basin Tom Loutit, Managing Director, FrOG Tech Pty Ltd
3.15 – 3.40pm	Eocene Deformation and Erosion in the Southern Taranaki Basin – Implications for a Tectonic Subdivision of the Kapuni Group Kay Bierbrauer, Principal Geoscientist, Origin Energy	Options for Well Construction Management, Offshore New Zealand Colin Finnegan, Regional Director, SPD (Petrofac)
3.40 – 5.00pm	Afternoon tea Technical Poster Session – including Technical Poster Rapid Fire Presentations Judged by David Witkowski, Kevin Rolens & Richard Cook, Crown Minerals, MED Venue: Auckland Room, Level 4	
6.30pm – late	Pre–dinner Drinks and Gala Dinner Venue: New Zealand Rooms, Level 5	

**WEDNESDAY 22<sup>ND</sup> SEPTEMBER 2010**

9.00 – 9.30am	Breakfast Venue: New Zealand Promenade, Level 5	
9.30 – 11.10am	<b>SESSION 8: NEW ZEALAND PRODUCTION PROJECTS – FIELD UPDATES</b> <b>CHAIR: JOHN BAY, PEPANZ</b> <b>VENUE: NEW ZEALAND ROOMS 1 &amp; 2</b>	
9.30 – 9.55am	Kupe Development Update Mike Oakes, NZ Asset Manager, Origin Energy	
9.55 – 10.20am	Shell in New Zealand: Responding to the “New Reality” Rob Jager, Chairman, Shell Companies in New Zealand & General Manager, Shell Todd Oil Services Ltd	
10.20 – 10:45am	Tui Update Eric Matthews, Exploration Manager NZ, AWE Limited	
10.45 – 11.10am	Maari Oil Field: From Fallow to Fruitful Andrew Jefferies, Manager of Operations and Engineering, OMV NZ Ltd	
11.10 – 11.45am	Morning Tea Venue: Auckland Room, Level 4	



2010 NEW ZEALAND  
PETROLEUM CONFERENCE

**WEDNESDAY 22<sup>ND</sup> SEPTEMBER 2010**

<b>SESSION 9: THE PETROLEUM ACTION PLAN – AN INTERNATIONAL PERSPECTIVE</b>	
<b>CHAIR: JOHN KIDD, MCDOUALL STUART</b>	
<b>VENUE: NEW ZEALAND ROOMS 1 &amp; 2</b>	
11:45 – 1:05pm	
11:45 – 12:10pm	Update on the Petroleum Action Plan Peter Crabtree, Director, Energy and Communications, MED
12:10 – 12:20pm	Introduction to panel discussion John Kidd – Chair
12:20 – 12:30pm	Farouk Al-Kasim
12:30 – 12:40pm	William Buechler
12:40 – 12:50pm	Prof. Alex Kemp
12:50 – 1:05pm	Managed Q&A sessions Chair
1:05 – 1:10pm	Conference close Chris Kilby, Group Manager, Crown Minerals, MED

**PRINCIPAL SPONSORS**



Crown Minerals

**SPONSORS** GREYMOUTH PETROLEUM | AWE | OMV | TAG OIL | OCTANEX N.L.  
MCDOUALL STUART | CGG VERITAS DATA LIBRARY | GENESIS ENERGY  
ANADARKO PETROLEUM CORPORATION | BELL GULLY | ORIGIN

New Zealand Government

**OFFICIAL CONFERENCE PUBLICATION:** OIL & GAS GAZETTE

**OFFICIAL STUDENT PROGRAMME SPONSOR:** EXITO