

## Conference Proceedings 2002

[Keynote Papers](#)

[New developments...](#)

[Gas markets](#)

[Climate change issues](#)

[East Coast Basin](#)

[Taranaki studies](#)

[Changing face of industry](#)

[Commerce](#)

[Industry and the community](#)

[South Island](#)

[Geological advances - From concepts to prospects](#)

[Continental shelf delineation](#)

[Industry health and safety](#)


[Taranaki](#)

[Extending New Zealand's frontiers](#)

[Posters](#)

[Field trip guide](#)

The quality of some figures in the attached papers is poor due to the need to keep file sizes small to assist downloading. These will be better in both the hard copy and CD-ROM version available in July 2002. To order a copy of either of these email [crown.minerals@med.govt.nz](mailto:crown.minerals@med.govt.nz)

Title	Author	Paper
Keynote Papers		
Opening address by the Secretary General of OPEC	A Rodriguez- Araque	 <a href="#">[37 kB PDF]</a>
New Zealand's international 'scorecard'	T Warren	<a href="#">[54 kB PDF]</a>
Since we last met: Activity highlights of the past two years	JM Beggs	<a href="#">[742 kB PDF]</a>
A review of mature United States hydrocarbon producing basins and a look into the future of New Zealand hydrocarbon production	J Mork	<a href="#">Request Paper</a>

Title	Author	Paper
New developments...		
Field development concept scenarios for Pohokura	AM Beaumont	<a href="#">[709 KB PDF]</a>
Good as Goldie - the Goldie prospect from seismic to production	CR Mills	<a href="#">[775 kB PDF]</a>

Past, present and future for Rimu production station	CJT Bush	<a href="#">[583 kB PDF]</a>
--	----------	------------------------------

Title	Author	Paper
Gas markets		
Demand for gas from the New Zealand market - and satisfying it	A Smith	<a href="#">[90 kB PDF]</a>
LPG supply and demand – Now and in the future	CJ Mulvena	<a href="#">[1.1 MB PDF]</a>
Current issues in gas market regulation	AC Fenwick	<a href="#">[116 kB PDF]</a>

Title	Author	Paper
Climate change issues		
The scientific basis for climate change	MR Manning	<a href="#">[1.6 MB PDF]</a>
Industry's view of the Kyoto Protocol	C Baker	<a href="#">[119 kB PDF]</a>
Technical and policy issues associated with sequestration of carbon dioxide emissions	JR Kessels and TW Matheson	<a href="#">[429 kB PDF]</a>

Title	Author	Paper
East Coast Basin		
Petroleum generation and migration models for the East Coast Basin	RH Funnell, D Darby, VM Stagpoole, A Nicol and BD Field	<a href="#">[525 kB PDF]</a>
Minimizing environmental impacts and maximising hole stability; Significance of drilling with synthetic fluids in New Zealand	M Norman, S Ross, G McEwen and J Getliff	<a href="#">[216 kB PDF]</a>
Prospectivity of the Cook Strait region	GR Holdgate and R Shaw	<a href="#">[429 kB PDF]</a>

Title	Author	Paper
Taranaki studies		
A new look at an old friend: Reassessing remaining reserves of the Maui C Sands reservoir through reprocessed seismic and detailed reservoir modelling	G Stone, R Verbruggen, P Engbers, J van der Veeken, D Rawlence, S Pannett, M Pickles and R Stoltz	<a href="#">[2.2 MB PDF]</a>
Feasibility of Maui C sands 4D seismic	P Engbers, J van der Veeken, R Verbruggen, G Stone, D Rawlence, R Staples, M Muerz, P Hatchell and JW de Maag	<a href="#">[110 kB PDF]</a>
Improved imaging of the Taranaki Fault reducing drilling risk	G Maslen, H Zhu and D Long	<a href="#">[613 kB PDF]</a>
Petroleum system of the Northern Taranaki Graben	GP Thrasher, B Leitner and AW Hart	<a href="#">Request Paper</a>

Title	Author	Paper
Changing face of industry		
The view of the regulator	DF Thorburn	<a href="#">[75 kB PDF]</a>
New Zealand competes on a global stage: A view from a major oil company	PJF Jeans	<a href="#">[1.2 MB PDF]</a>
The view of the independent in today's changing industry	TE Swift	<a href="#">[804 kB PDF]</a>
The changing face of the industry – A view of the service provider	S Sharma	<a href="#">[116 kB PDF]</a>
The view of the electricity generator	S Barrett	<a href="#">[76 kB PDF]</a>
The view of the gas customer	B Aitken	<a href="#">[501 kB PDF]</a>

Title	Author	Paper
Commerce		
Understanding the impact of the changes to the Commerce Act on the exploration industry	E Welson and Thomson	<a href="#">[426 kB PDF]</a>
Access arrangements to gas pipelines	I Wilson	<a href="#">Request Paper</a>
Trends in the oil and gas insurance market	T Smith	<a href="#">[146 kB PDF]</a>

Title	Author	Paper
Industry and the community		
Pohokura appraisal – Bringing the community alongside	R Palmer	<a href="#">[18 kB PDF]</a>
The Resource Management Act working in Taranaki	WE Bayfield	<a href="#">[240 kB PDF]</a>

Title	Author	Paper
South Island		
Old data, new opportunities in New Zealand's West Coast basins	EL Berg and MR Thomasson	<a href="#">[277 kB PDF]</a>
Turning a coalbed methane project into a co-producing hydrocarbon project	M Cave	<a href="#">[241 kB PDF]</a>

Title	Author	Paper
Geological advances - From concepts to prospects		
New Zealand basin development and depositional systems evolution: Quantification and visualisation	V Stagpoole, R Wood, S Thornton, M Hill and R Funnell	<a href="#">[249 kB PDF]</a>
Overpressure, stress and seal properties in New Zealand basins	D Darby and S Ellis	<a href="#">[108 kB PDF]</a>

Title	Author	Paper
Continental shelf delineation		
New Zealand Continental Shelf project: A status report of the survey programme	I Wright, J Sheppard, R Turner and Continental Shelf Project Team	<a href="#">[213 kB PDF]</a>

Results of the 2001 deep seismic survey of the Chatham Rise and Hikurangi Plateau and implications for petroleum exploration	B Davy and C Uruski	<a href="#">[2.4 MB PDF]</a>
Finding the Continental Shelf – Integration of geology and geophysics	R Wood	<a href="#">[241 kB PDF]</a>

Title	Author	Paper
Industry health and safety		
How safe is the New Zealand petroleum industry?	S Ovens	<a href="#">[240 KB PDF]</a>
Trends under the Resource Management and Health and Safety in Employment Acts	A Caddie	<a href="#">[45 KB PDF]</a>
Exploring the relationship between industry and Government in relation to marine oil spill prevention, preparedness and response capabilities	J Roberts and D Crawford	<a href="#">[485 kB PDF]</a>

Title	Author	Paper
Legislative changes		
An Oceans Policy for New Zealand: Why, what and how?	CM Risk	<a href="#">[32 KB PDF]</a>
What the amended Resource Management Act will mean for the petroleum industry	H Atkins and C Stevens	<a href="#">[424 kB PDF]</a>
The Local Government Act review - Highlights of the local government bill	A Richards	<a href="#">[419 kB PDF]</a>

Title	Author	Paper
Taranaki		
Implications of Neogene structural development on hydrocarbon prospectivity of the Tui-Maui area, offshore Taranaki, New Zealand	E Matthews	<a href="#">[284 kB PDF]</a>
Petrogenesis of the Tikorangi Formation fracture reservoir, Waihapa-Ngaere field, Taranaki Basin	SD Hood, CS Nelson and PJJ Kamp	<a href="#">[350 kB PDF]</a>
The use of fluid inclusion oils to reconstruct the charge history of petroleum reservoirs - An example from the Taranaki Basin	H Volk, SC George, SD Killops, M Lisk, M Ahmed and RA Quezada	<a href="#">[293 kB PDF]</a>
Outcrop to subcrop correlations of late Miocene-Pliocene strata, eastern Taranaki Peninsula	AJ Vonk, PJJ Kamp and AJW Hendy	<a href="#">[3.8 MB PDF]</a>
Evaluation of Moki sands prospectivity in Maui PML	P Engbers	<a href="#">[1.1 MB PDF]</a>

Title	Author	Paper
Extending New Zealand's frontiers		
An extension of the East Coast Basin, North Island, New Zealand into previously unmapped territory	TR Haskell	<a href="#">[215 kB PDF]</a>
Petroleum system of the deepwater Taranaki Basin, New Zealand	CI Uruski and P Baillie	<a href="#">[1.4 kB PDF]</a>

Title	Author	Paper
Posters		
Neogene thermal history of Opoutama-1, Hawke's Bay Basin: Implications for hydrocarbon prospectivity	PJJ Kamp and X Ganqing	<a href="#">[763 kB PDF]</a>

Megasequence architecture of Taranaki-Wanganui-King Country basins and Neogene progradation of two continental margin wedges across western New Zealand	PJJ Kamp, AJ Vonk, KJ Bland, AG Griffin, S Hayton, AJW Hendy and AP McIntyre	<a href="#">[5.1 MB PDF]</a>
Integrated (U-Th)/He apatite and fission track thermochronology as combined thermal history tools for hydrocarbon exploration: An example from Taranaki Basin	PV Crowhurst, PF Green and PJJ Kamp	<a href="#">[1.1 MB PDF]</a>
Evolution of the Giant Foresets Formation, northern Taranaki Basin, New Zealand	RJ Hansen and PJJ Kamp	<a href="#">[4.6 MB PDF]</a>

Title	Author	Paper
Field trip guide		
Miocene slope to basin-floor sequences exposed in north Taranaki, New Zealand	P King and G Browne	<a href="#">[1 MB PDF]</a>