

Conference Proceedings 1991

[Keynote](#)

[Environmental papers](#)

[East Coast Basin](#)

[South Island Basins](#)

[Taranaki Basin](#)

[Geology Papers:Other](#)

[Seismic Survey and Interpretation](#)

[Geochemistry](#)

[Petroleum Engineering Papers](#)

[Exploration Hazards](#)






[Petroleum Taxation Papers](#)

[Petroleum Law Papers](#)

[Economic and Investment Issues](#)






[Economic Rent and Royalty Regime](#)

To view or print PDF files you will require PDF viewing software: [Adobe Acrobat Reader](#).





Title	Author	Paper
Keynote Address		
Meeting Old Challenges with New Perspectives	J Luxton	 [262 kB PDF]
World oil and gas reserves, their past, present and future	R Murriss	 [13 MB PDF]
An assessment of the Asia-Pacific energy situation	F Fesharaki	 [1.3 MB PDF]
Energy policy and planning	JG Collinge	 [388 kB PDF]
Where to for New Zealand's energy requirements in the year post 2005	R. Robertson	 [494 kB PDF]

[Top](#)






Title	Author	Paper
-------	--------	-------

Environmental Papers		
Conservation and development: an old challenge	PG Purcell	 [1.1 MB PDF]
The Petroleum Act as a conservation code	DC Stickley	 [892 kB PDF]
The Resource Management Act: the relevance of its provisions to oil exploration and extraction	LJA Gow	 [787 kB PDF]
Environmental considerations in petroleum exploration in New Zealand	JS Auld	 [656 kB PDF]
A comparison of the consents process for offshore petroleum exploration, pre and post the Resource Management Act	P Kingett	 [714 kB PDF]










[Top](#)

Title	Author	Paper
East Coast Basin		
Geological structure of the East Coast, North Island	HNC Cutten	 [747 kB PDF]
The East Coast: and old challenge with new prospects	D Francis	 [647 kB PDF]
Cretaceous stratigraphy and evolution of the Marlborough segment of the East Coast region	M G Laird	 [1.3 MB PDF]
Seafloor sampling as a window to deeper structure along offshore accretionary systems	IC Wright	 [776 MB PDF]



[Top](#)

Title	Author	Poster
South Island Basin		
Alluvial and turbite fan deposition in a mid-Cretaceous rift lake- Puysegur Group, Southwest Fiordland	J Lindquist	 [50 kB PDF]
Petroleum potential of the West Southland sedimentary basins	C Uruski	 [1.3 MB PDF]
Cretaceous and Cenozoic tectonics of the West Coast region of the South Island	DJ Bishop	 [936 kB PDF]
Magnetic anomalies of the New Zealand basins	B Davy	 [819 kB PDF]
Lacustrine Deltas in the Miocene Manuherikia Group of Central Otago	B J Douglas	 [58 kB PDF]





[Top](#)

Title	Author	Paper
Taranaki Basin		
An analysis of Taranaki basin hydrocarbon migration system	T Haskell	 [64 kB PDF]
Late Cretaceous source rocks of Taranaki Basin	GP Thrasher	 [812 kB PDF]
The Moki C Sanda: an example of Mio-Piocene bathyal fans in the North Taranaki Graben	SP Forder	 [1.1 MB PDF]
Eocene to recent structural history of Onshore Taranaki	K Hoolihan	 [724 kB PDF]
Exploration history and geological implications of the Kora Prospect, Taranaki Basin	DE Nedland	 [63 kB PDF]
The Kora Miocene submarine andesite stratovolcano hydrocarbon reservoir, Taranaki Basin	SC Bergman	 [3.9 MB PDF]
Seismic stratigraphy of the Giant Foresets Formation, offshore North Taranaki- Western Platform	HB Soenandar	 [1.2 MB PDF]
Sequence stratigraphic analysis of the Tangaroa Sandstone, Northern Taranaki Basin New Zealand	MJ Gresko	 [2.0 MB PDF]
Provenance of sediments in Taranaki Basin - an assessment from heavy minerals	D Smale	 [742 kB PDF]











[Top](#)

Title	Author	Paper
Geology Paper: Others		
Sedimentary basins of the South Pacific: Many questions, fewer answers	PF Ballance	 [555 kB PDF]
Porosity development and preservation in deep sandstones, western and southern New Zealand	RH Newman	 [256 kB PDF]




[Top](#)

Title	Author	Paper
Seismic Survey and Interpretation Papers		
The Maui 3D seismic survey - an operational challenge	C Bukovics	 [15.5 MB PDF]
The zero-velocity layer: migration from irregular surfaces	CJ Beasley	 [61 kB PDF]
Towards a better understanding of onshore seismic exploration	P Amortilla	 [7.1 MB PDF]
Kapuni 3D interpretation - imaging Eocene paleogeography	WR Voggenreiter	 [15.5 MB PDF]


[Top](#)



Title	Author	Presentation
Geochemistry Papers		
A comparison of some crude oil and potential source rocks of the East Coast Basin, using geochemical biomarker	JH Johnston	 [667 kB PDF]
The stable isotope composition of some East Coast natural gases	GL Lyon	 [876 MB PDF]
General model for the maturation and release of light and heavy hydrocarbons	IR Kaplan	 [67 kB PDF]
Thermo-tectonic history and hydrocarbon prospectivity of grymouth Coalfield, Westland, assessed by apatite fission track analysis	PJJ Kamp	 [1.3 MB PDF]
The influence of isorank variations in vitrinite chemistry on vitinite reflectance and some sterane and triterpane maturation indicator	J Newman	 [1.1 MB PDF]
Trace elements in some New Zealand oils and condensates	A Frankenberger	 [340 kB PDF]
Determination of rank in New Zealand source rocks by high resolution NMR spectroscopy	WW Dickenson	 [74 kB PDF]
The characterisation of potential hydrocarbon-generative source rocks in the North Taranaki Basin by geochemical biomarkers	JH Johnston	 [461 kB PDF]
Exploration geochemistry of the Taranaki Basin with emphasis on Kora	JD Reed	 [697 kB PDF]
Timing and depth of maturation in Southern Taranaki Basin from reflectance and rank	R Sykes	 [1.3 MB PDF]

[Top](#)




Title	Author	Presentation
Petroleum Engineering Papers		
Production and reservoir aspects of two horizontal wells in the McKee field	R Stoltz	 [622 kB PDF]
Well test transient analysis - analysing production improvements from well stimulations	B Goodin	 [449 kB PDF]
Kapuni 3D reservoir model and reservoir simulation	ID Bryant	 [5.3 MB PDF]

[Top](#)







Title	Author	Presentation
Exploration Hazard Paper		
Surveys for the Maui-B pipelines: tow routes, hazards and rockberm stability	KB Lewis	 [714 kB PDF]

Sedimentary environments and geological hazards on the Taranaki Continental Shelf	S Nodder	 [554 kB PDF]
Shallow gas offshore Taranaki New Zealand	RKH Falconer	 [795 kB PDF]



[Top](#)






Title	Author	Presentation
Petroleum Taxation Papers		
Meeting old challenges with new perspectives: are you ready to exploit the new taxation regime?	C Jones	 [903 kB PDF]
Review of the petroleum mining income tax regime	A Hedge	 [530 kB PDF]
Petroleum taxation - working with the new regime	JG Weston	 [476 kB PDF]

[Top](#)





Title	Author	Presentation
Petroleum Law Papers		
The application of the Petroleum Act with reference to Waihapa Ngaere case	JJ McGrath	 [47 kB PDF]
The application of the Petroleum Act with reference to the Waihapa Ngaere case: the industry perspective	TW Taylor	 [272 kB PDF]
Unitisation and the law of capture in New Zealand	DA Edmunds	 [509 kB PDF]
The legal environment for petroleum exploration: an overview	JG Adlam	 [735 kB PDF]
Indigenous claims to petroleum resource	RP Boast	 [561 kB PDF]
The Crown Minerals Act 1991	GB Wong	 [794 kB PDF]

[Top](#)

Title	Author	Presentation
Economic and Investment Issues Papers		
Forecast petroleum and gas demands and the opportunity for further petroleum exploration to meet demand	G Saha	 [869 kB PDF]
Creating competition in New Zealand's natural gas industry	W Karlen	 [352 kB PDF]

The Essential Facilities Doctrine and oil and gas deregulation: towards effective competition	GB Wong	 [488 kB PDF]
The role of the small investor in petroleum exploration	BN Gundersen	 [676 kB PDF]
The New Zealand economy and investment	JK McLay	 [1.4 MB PDF]
Public policy - caught in a poverty trap	RK Deppe	 [418 kB PDF]
Foreign investment law and policy	BN Gundersen	 [826 kB PDF]

[Top](#)

Title	Author	Presentation
Economic Rent and Royalty Regime Papers		
The ideal petroleum tax regime	E Capen	 [843 kB PDF]
Economic rent and royalties	JMD Willis	 [368 kB PDF]
Government involvement in petroleum exploration and development	BJ Fowke	 [557 kB PDF]
The role of the Crown in petroleum exploration	DS Johnston	 [673 kB PDF]