

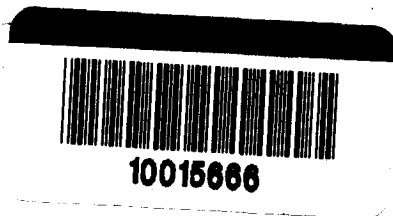


Cue Energy Resources Limited

A.B.N. 45 066 383 871

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Melbourne Victoria 3000
Australia

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21 April 2010

SUPPL

Securities & Exchange Commission
Judiciary Plaza,
450 Fifth Street
Washington DC 20549

**SEC Mail Processing
Section**

MAY 03 2010

**Washington, DC
110**

Dear Sir/Madam,

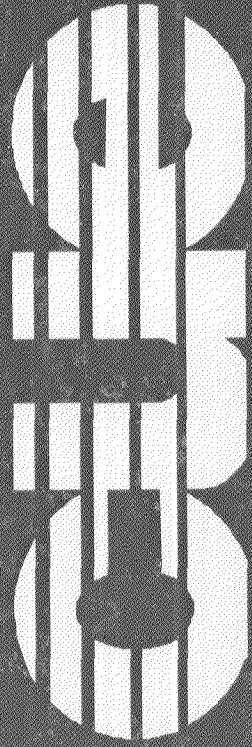
Please see attached information furnished pursuant to Section 12g3-2(b).
Our file number is 82-34692.

Yours faithfully,

Andrew M Knox
Public Officer

Enc.

du 5/7



Cue Energy Resources Limited

Presentation

April 2010

It's all about performance



Cue Energy Resources Limited

DISCLAIMER & IMPORTANT NOTICE

Various statements in this document constitute statements relating to intentions, future acts and events. Such statements are generally classified as forward looking statements and involve known risks, expectations, uncertainties and other important factors that could cause those future acts, events and circumstances to differ from the way or manner in which they are expressly or impliedly portrayed herein.

Some of the more important of these risks, expectations and uncertainties are pricing and production levels from the properties in which the Company has interests, and the extent of the recoverable reserves at those properties. In addition, the Company has a number of exploration permits. Exploration for oil and gas is expensive, speculative and subject to a wide range of risks. Individual investors should consider these matters in light of their personal circumstances (including financial and taxation affairs) and seek professional advice from their accountant, lawyer or other professional adviser as to the suitability for them of an investment in the Company.

Cue Energy Statistics

20 Largest Shareholders

Shareholder	Ordinary Shares	Percentage Held
Todd Petroleum Mining Company Limited	163,103,314	23.52%
UOB Kay Hian Private Limited	115,396,671	16.64%
Octanex NL	43,656,168	6.30%
Todd Tasman Oil Ltd	25,920,000	3.74%
Berne No 132 Nominees Pty Ltd	11,500,397	1.66%
Portfolio Securities Pty Ltd	10,737,130	1.55%
CIMB-GK Securities Pte Ltd	9,217,769	1.33%
Peter Neville Findlay & Richard Norman Martin	8,017,134	1.16%
Mr Colin MacEwan & Ms Bronwyn Beder	7,265,000	1.05%
JP Morgan Nominees Australia Limited	6,012,275	0.87%
ANZ Nominees Limited	5,234,046	0.75%
The Albers Companies Incorporated	4,440,745	0.64%
Ernest Geoffrey Albers	4,010,784	0.58%
Finot Pty Ltd	4,000,000	0.58%
Mr Neil Clifford Abbott & Gellert Ivanson Trustee	3,800,000	0.55%
SEFI Pty Ltd	3,700,000	0.53%
Mr Richard Tweedie	3,159,118	0.46%
Adziel Pty Ltd	3,000,000	0.43%
Charles Arthur John Whyte	2,797,000	0.40%
Peter William Hall	2,600,000	0.38%



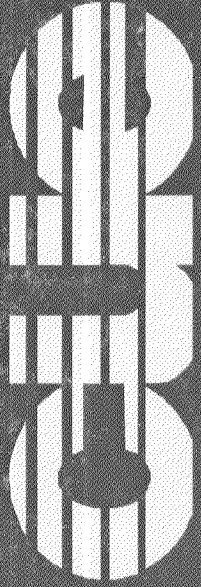
Cue Energy Resources Limited

Australian Registered Company

Shareholders	4,883
Listings	Australia New Zealand Papua New Guinea
Ordinary Shares	693,319,718
Top 20 Shareholders	437 Million (63%)
Market Capitalisation @ A27c	\$A187 Million
Cash at 31 March 2010	A\$ 23.6 Million
Project Loan 31/03/2010	US \$14.3 Million
Half year profit	A\$ 8.4 Million
Employees	7

Top 2 Shareholders

Todd Petroleum	27%
Singapore Petroleum	16.7%



Cue Energy Resources Limited

BOARD & MANAGEMENT

160+ Years

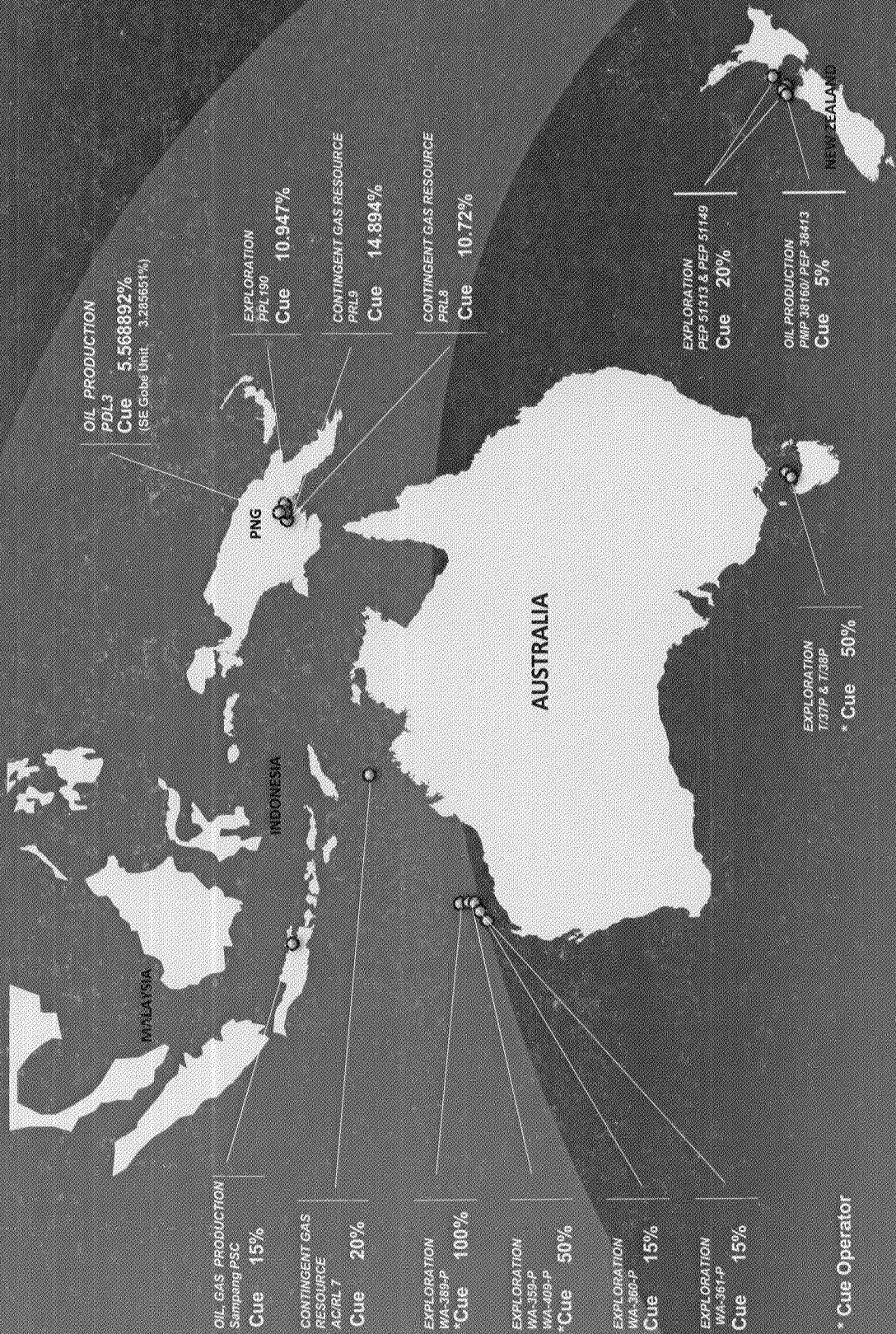
of Combined

Oil & Gas Experience

Asset Location Map



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* Cue Operator

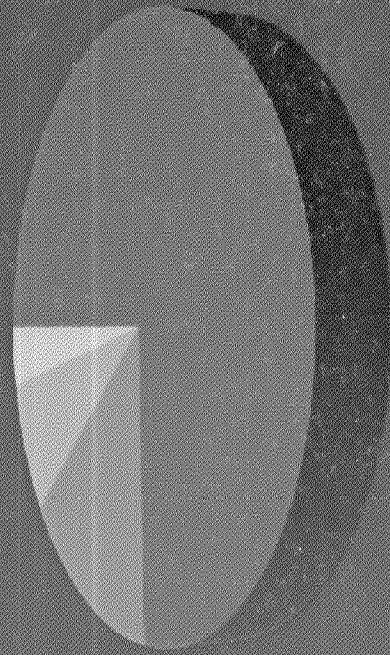
Hydrocarbon Inventory



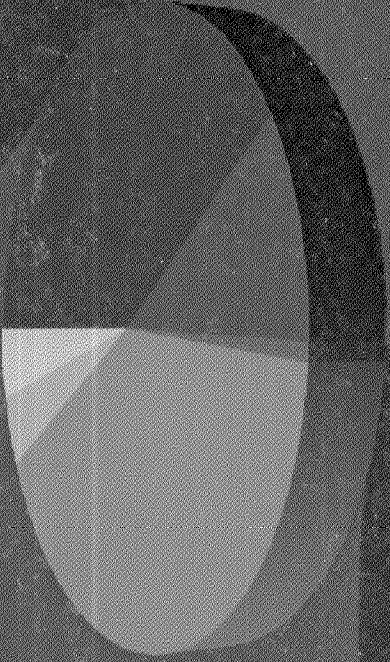
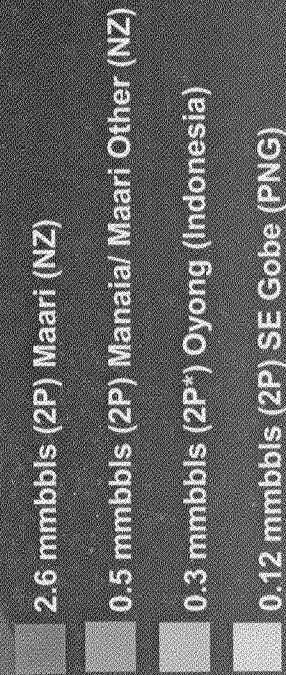
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Oil Reserves/Resources

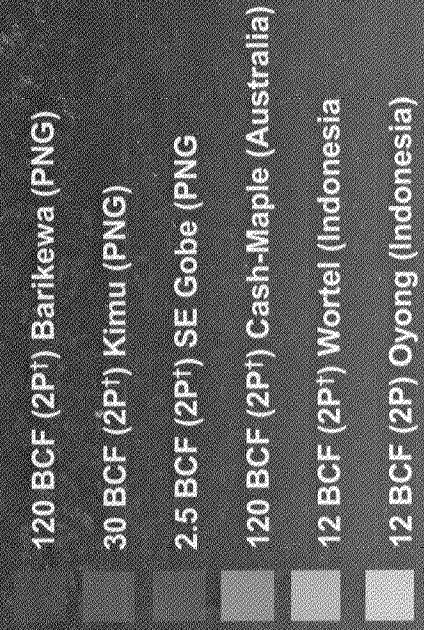
Gas Reserves/Resources



TOTAL Oil : 3.52 mmbbls



TOTAL gas : 297 BCF
(52 mmbbls BOE)

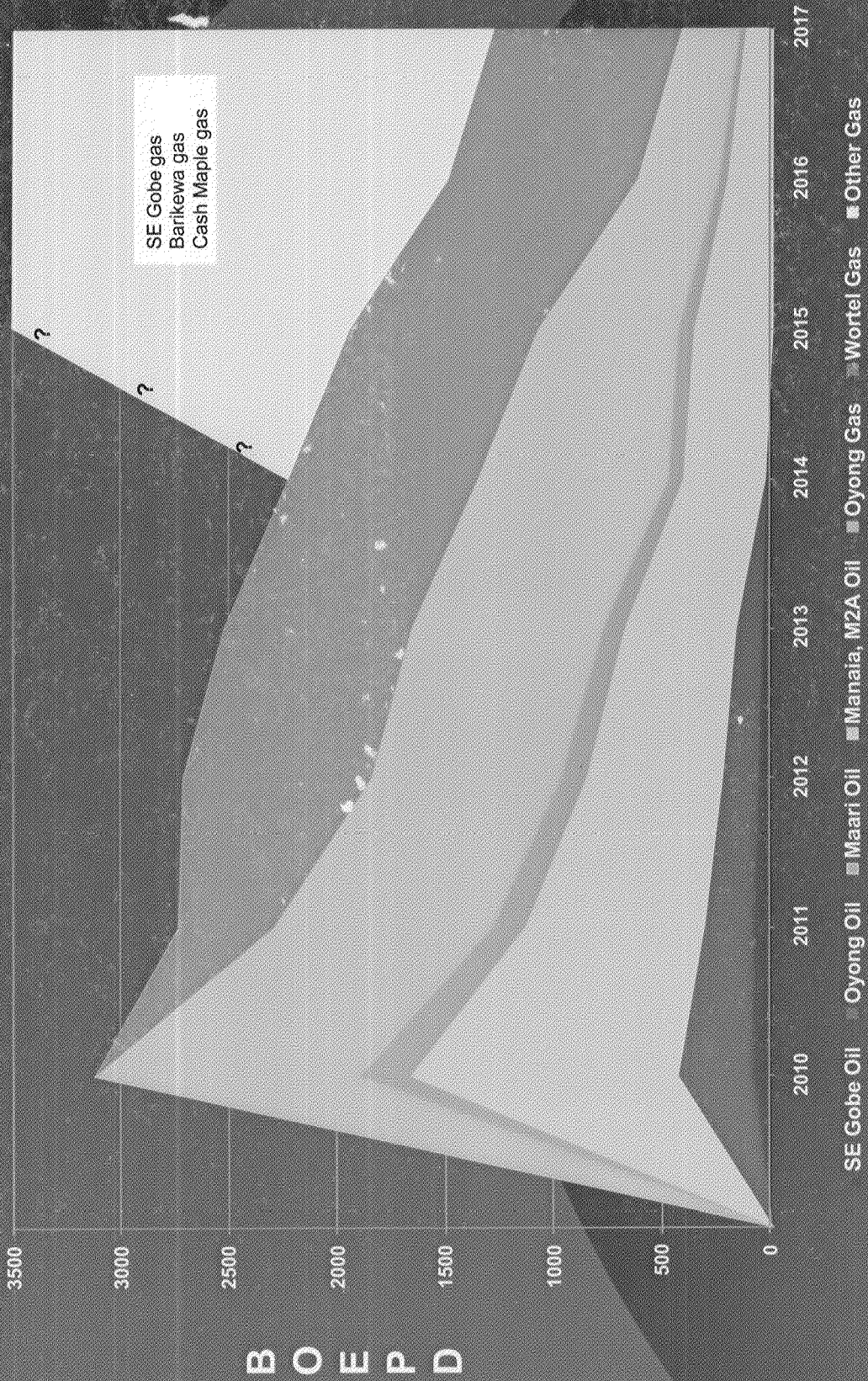


*Cue estimate
† 2P equivalent
Volumes at 31/12/2009

Net 2P Production Forecast



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BOEPD

Growth Path

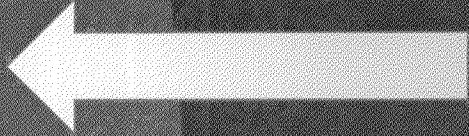
...Australasian & SE Asian Focus

To develop a highly valued E & P company with market capitalisation greater than A\$ 1 Billion

Indigenous Growth

Acquisitions/Mergers

...balanced portfolio



EXPLORATION
APPRAISAL
DEVELOPMENT
PRODUCTION

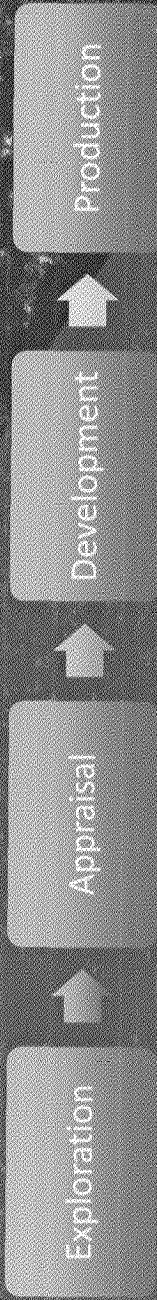


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Opportunities for Growth



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**LNG
SCALE GAS**

Carnarvon Basin
• Artemis
• Caterina

AC/RL7: Cash - Maple
PNG: Barikewa

Oil

NZ: PEP51313
• Matariki
• Te Whatu
• Pike

NZ: Maari
Indonesia: Oyong
PNG: SE Gobe

**Gas &
Condensate**

NZ: PEP51149
• Te Kiri
• Tohu

Indonesia: Wortel
PNG: SE Gobe

Indonesia: Oyong

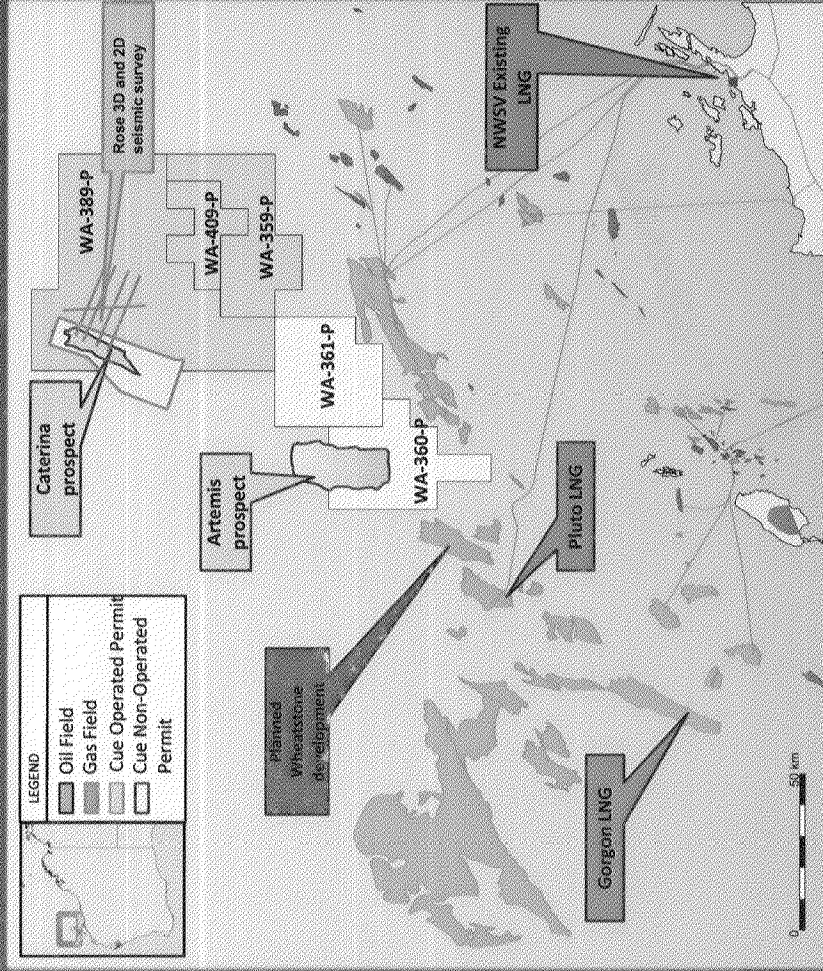
Opportunities for Growth



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EXPLORATION

Carnarvon Basin Permits



- 5 permits on trend with major discoveries and new developments
- Significant existing and planned LNG processing capacity in the region
- Possible 3rd party access
- WA-360-P: Artemis - 1 Drilling planned in 2010
- WA-389-P: Caterina - 1 Farmout and possible drilling in 2010/2011

...adjacent to LNG developments

WA-389-P: Prospects & Leads



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Caterina prospect

- Strong amplitude, AVO response
- Inversion study predicts 80% chance of gas
- Significant upside, P₅₀ gas in place for all objectives is 10.7 TCF

Cue currently negotiating farmout and proposing to drill 2010/2011

Gas-in-Place	Low (Tcf)	Mid (Tcf)	High (Tcf)
Caterina-1 Prospect	2.7	3.9	5.3
Rockpool lead	1.2	1.5	1.9
Ezard lead	0.5	1.6	10.9

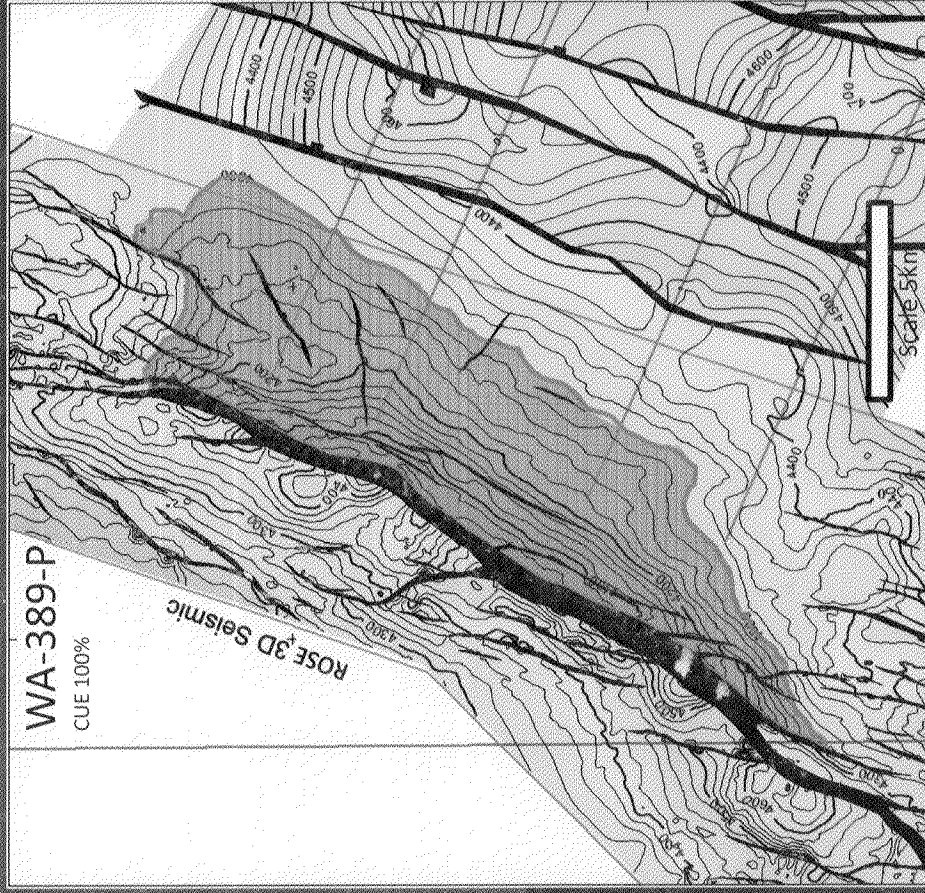
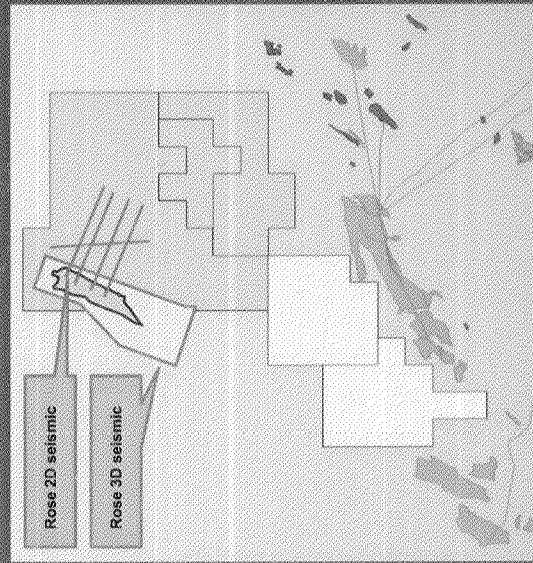
(primary Top Mungaroo objective only)

...potential to supply an LNG development

WA-389-P: Caterina Prospect



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Near Top Mungaroo - Depth Map

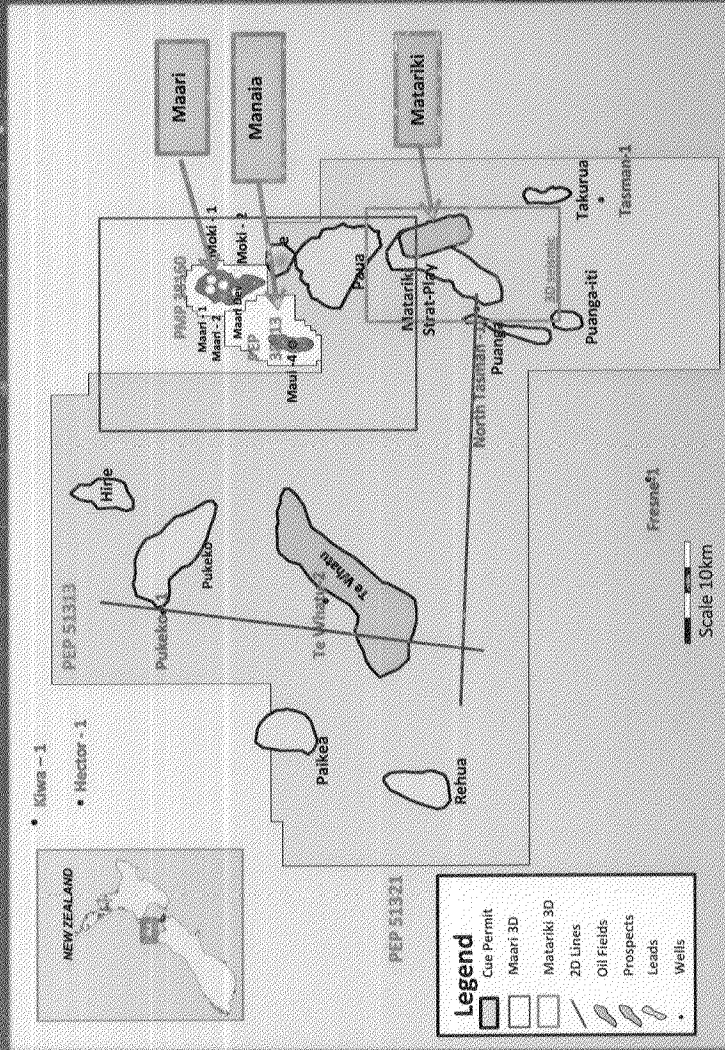
4300mSS closing contour

- P_{50} GIP @ Top Mungaroo – 4 Tcf
- Significant upside – P_{50} GIP for all objectives ~ 10.7 Tcf

PEP 51313 - Matariki



- Matariki 3D acquisition in 2Q, 2010
- Te Whatu 2D acquisition in early 2011



JV Participants	Participating Interest
Todd Exploration	50% (Operator)
Horizon Oil (New Zealand) Limited	30%
Cue Taranaki Pty Limited	20%

Source: Todd Petroleum 2010

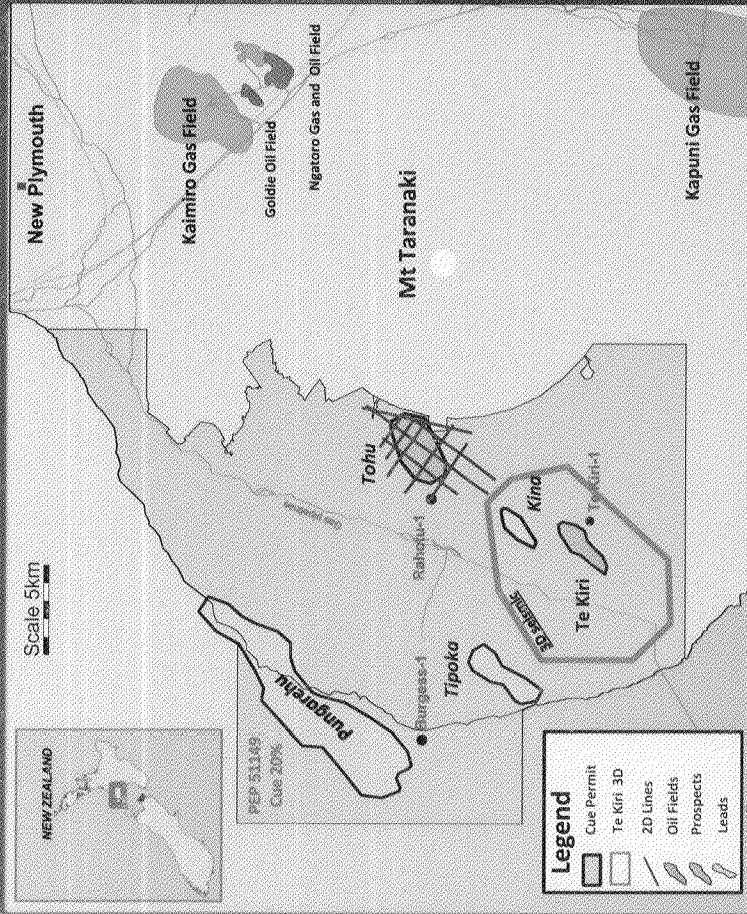
	Oil in Place Mean (MMstb)	Oil Resource Mean (MMstb)	Solution Gas Mean (BCF)
Matariki structural	366	115	38
Matariki stratigraphic	366	116	140
Pike structural	81	25	19
Te Whatu structural	302	97	29
Pukeko and Paikoa	194	63	19

PEP 51149 – Te Kiri



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- Drilling decision on Te Kiri in 3Q, 2010



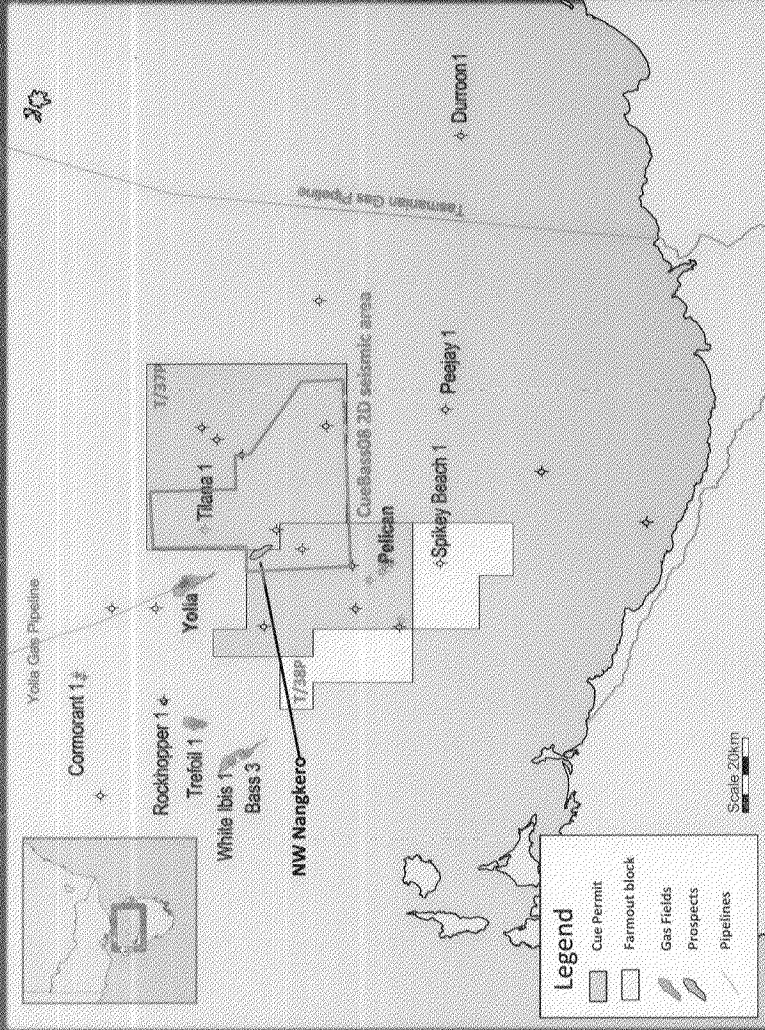
Source: Todd Petroleum 2009

JV Participants	Participating Interest	Mean GIP (Bcf)	Mean Rec. Res. (Bcf)	Mean Cond. Res. (MMbbbls)
Todd Exploration	40% (Operator)			
Mighty River Power Gas Investments Ltd	30%			
Cue Taranaki Pty Limited	20%			
Mosaic Oil Limited	10%			
		Te Kiri prospect	168	5.6
		Tohu lead	252	8.5
		Pungarehu lead	740	26

T/37P + T/38P Bass Basin Permits



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- Recent industry success reported at Trefoil and Rockhopper
- NW Nangkero prospect
- Potential mean GIP: 372 BCF
- 20km SE of Yolla field
- Cue seeking to farmout

JV Participants	Participating Interest
Cue Energy Resources Ltd	50% (Operator)*
Exoil Limited	50%*

*10% interest on Spiky Beach Block, Beach Energy Limited 50%

...focus of renewed industry interest

Opportunities for Growth

APPRAISAL

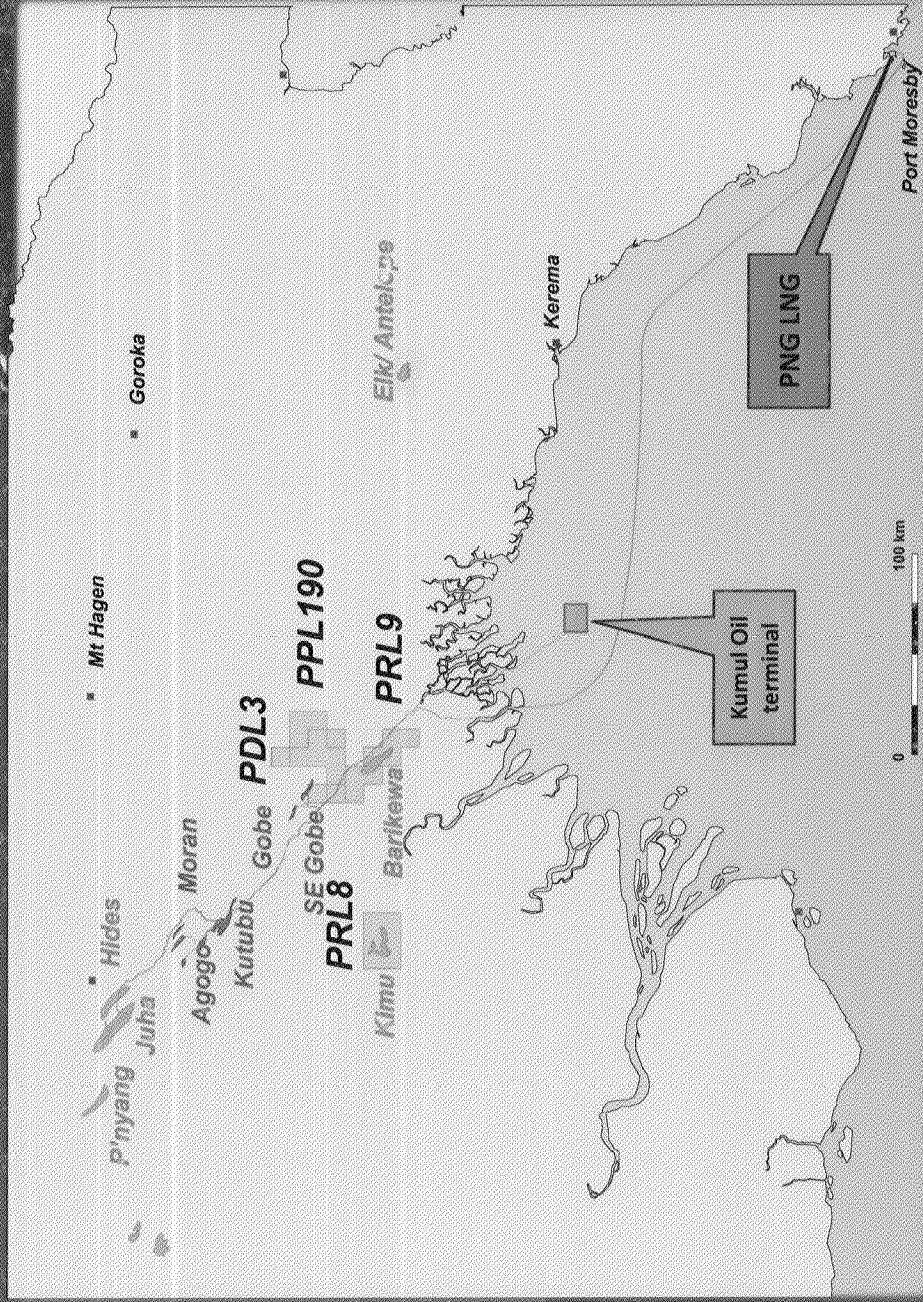
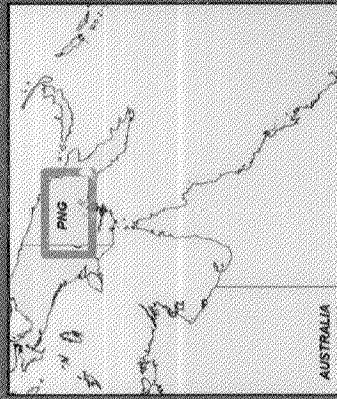


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Papua New Guinea



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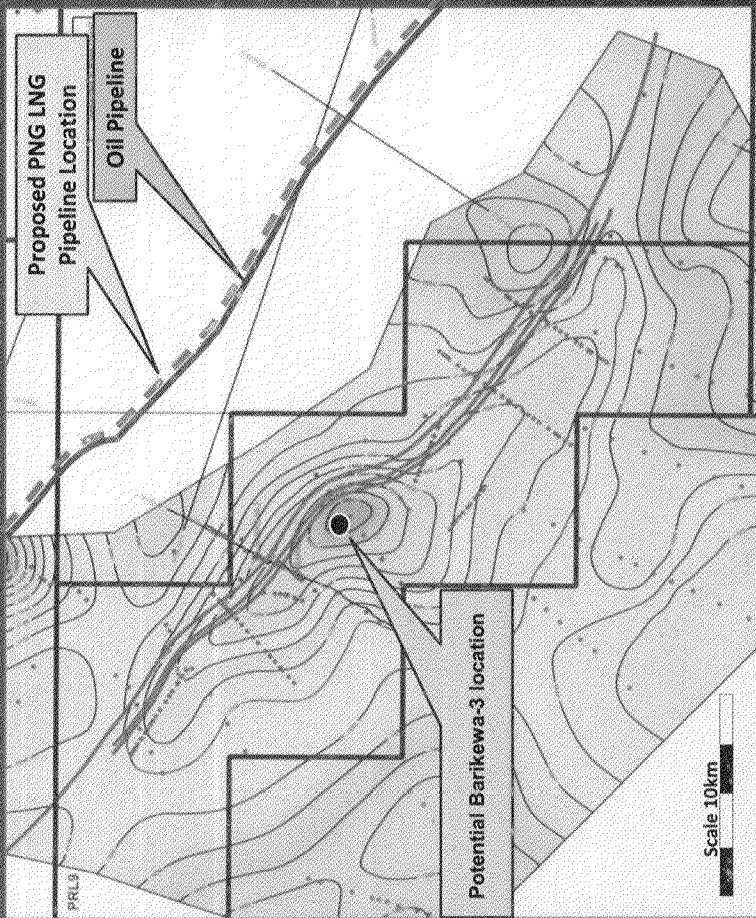
Legend

-  Cue Permit
-  Oil Fields
-  Gas Fields
-  Gas Pipelines
-  Oil Pipelines

PRL9 - Barikewa Gas Field



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- Barikewa is a potentially large resource
 - Toro and Hedinia 2P 700 BCF
 - Mean (all zones unrisks) 1.5 TCF
 - P₁₀ (all zones unrisks) 2.6 TCF

(Source – Oil Search 2009)
- Recently acquired
- 60km 2D seismic data over field
- Planning to drill Barikewa-3 appraisal well in Q1/Q2 2011

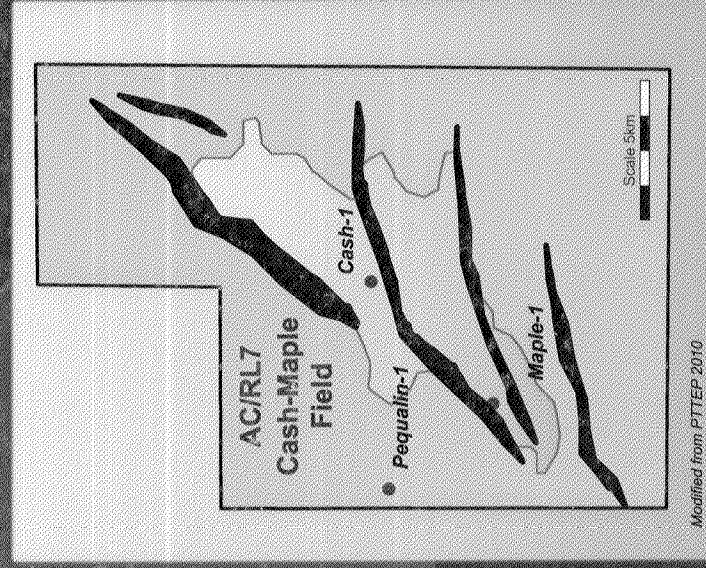
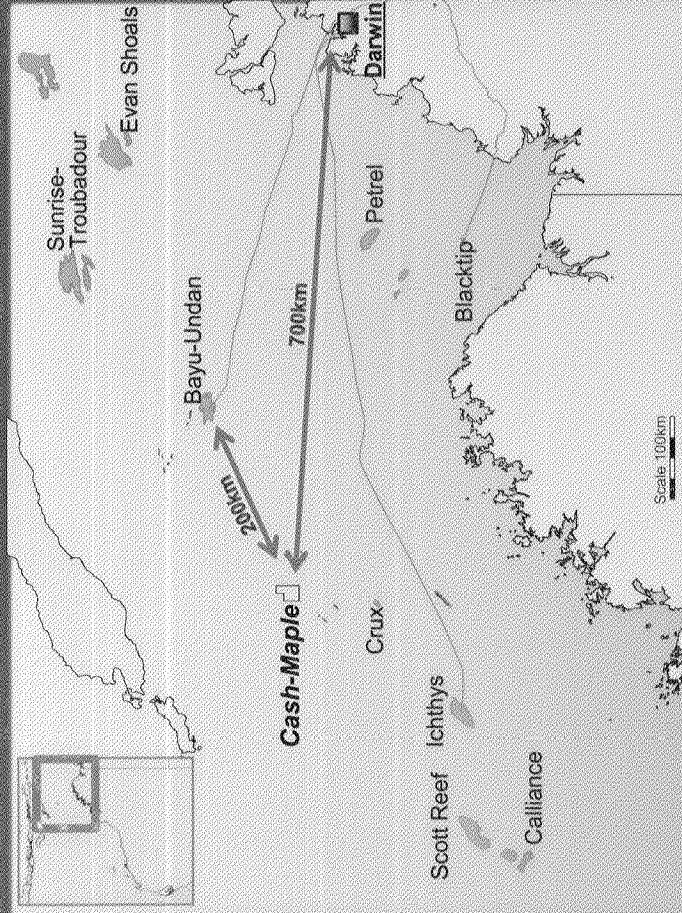
JV Participants	Participating Interest
Santos Ltd	42.553% (Operator)
Oil Search (PNG) Ltd	42.5535%
Cue PNG Ltd	14.894%

...adjacent to PNG LNG infrastructure

AC/RL7 - Cash Maple Gas Field



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Recoverable gas (BCF) POTENTIAL		
1P equiv	2P equiv	3P equiv
290	640	1430

JV Participants	Participating Interest
Cue Energy Resources Ltd	20%
PITTEP	80%*

...future production potential

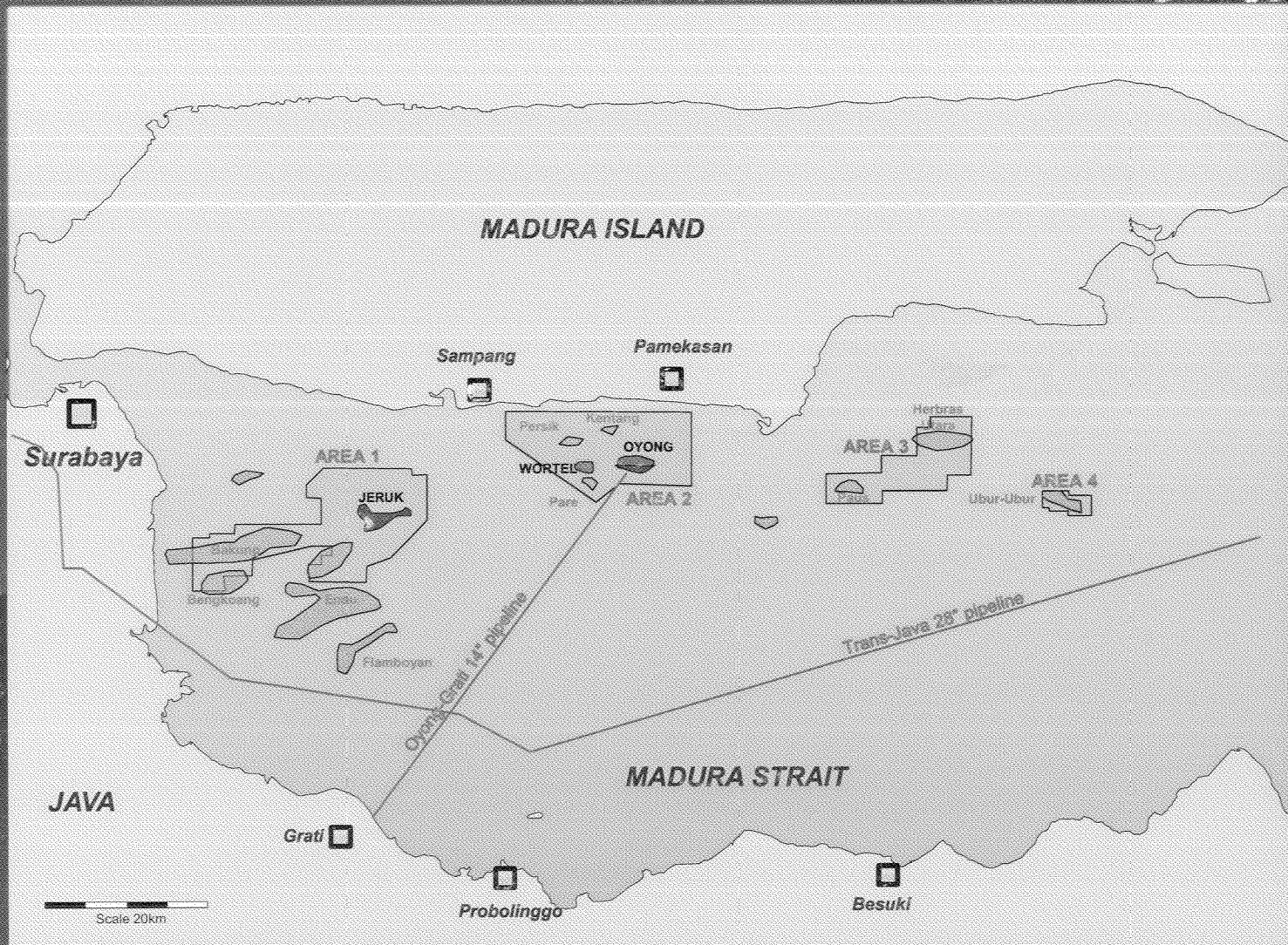
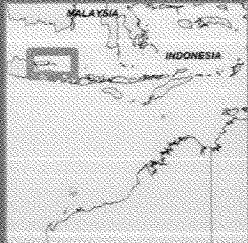
Opportunities for Growth



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DEVELOPMENT

Sampang PSC – Indonesia



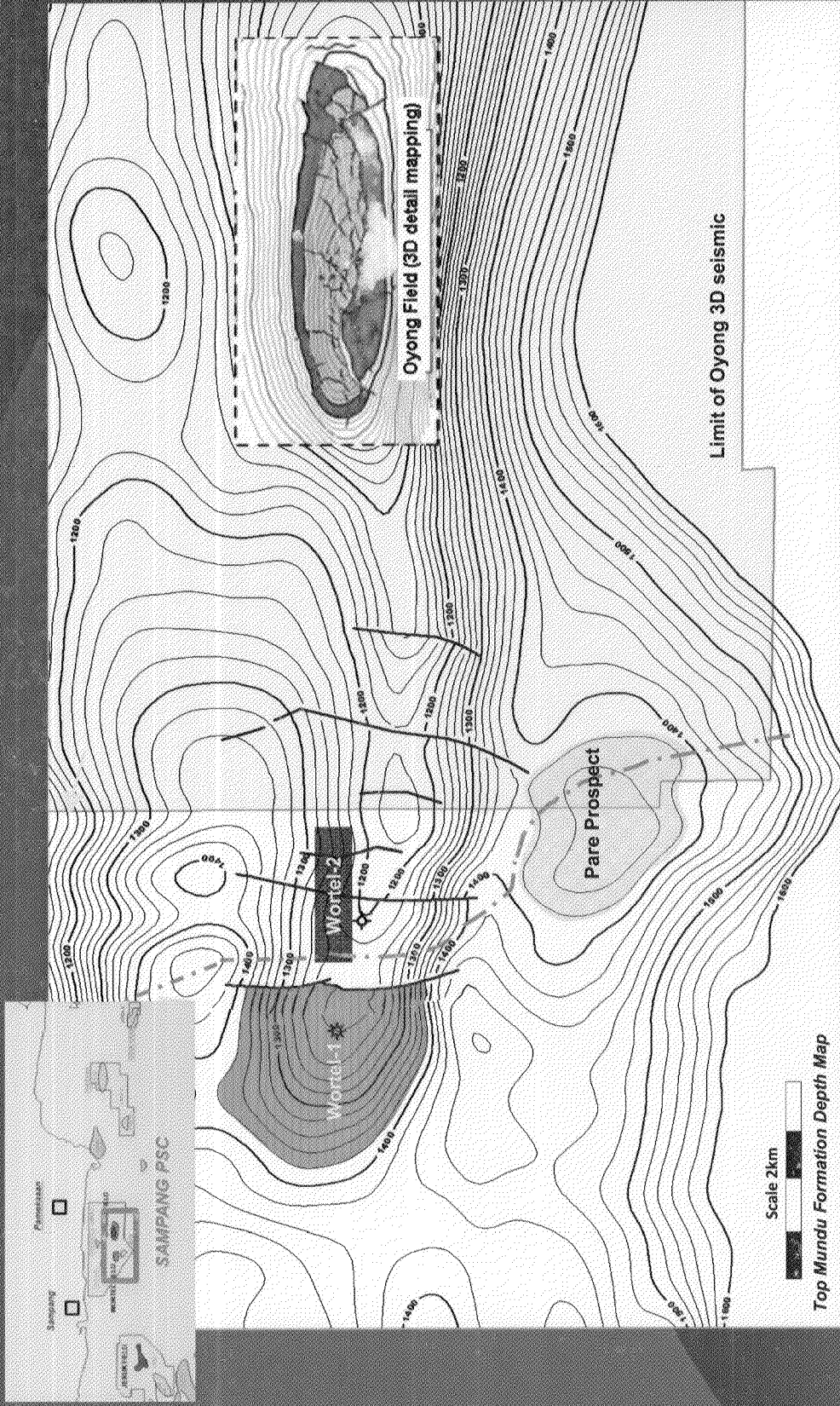
Legend

- Cue Permit
- Gas Field
- Oil Field
- Prospect
- Gas Pipeline

Wortel Gas Discovery



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RECOVERABLE GAS POTENTIAL (BCF)		
LOW	MID	HIGH
75	105	130

...tie to Oyong

Opportunities for Growth

PRODUCTION

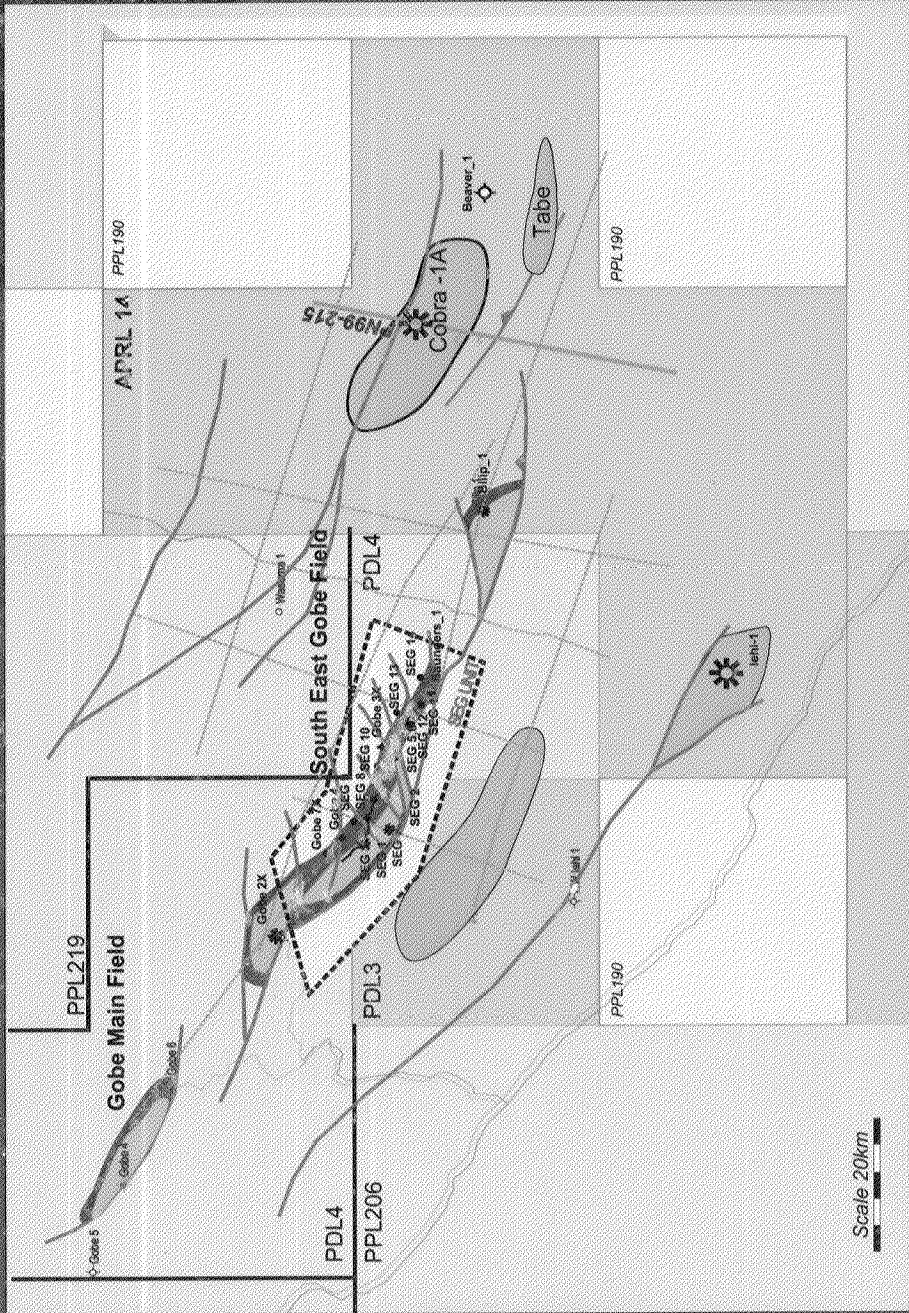


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South East Gobe Field - PNG



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Legend

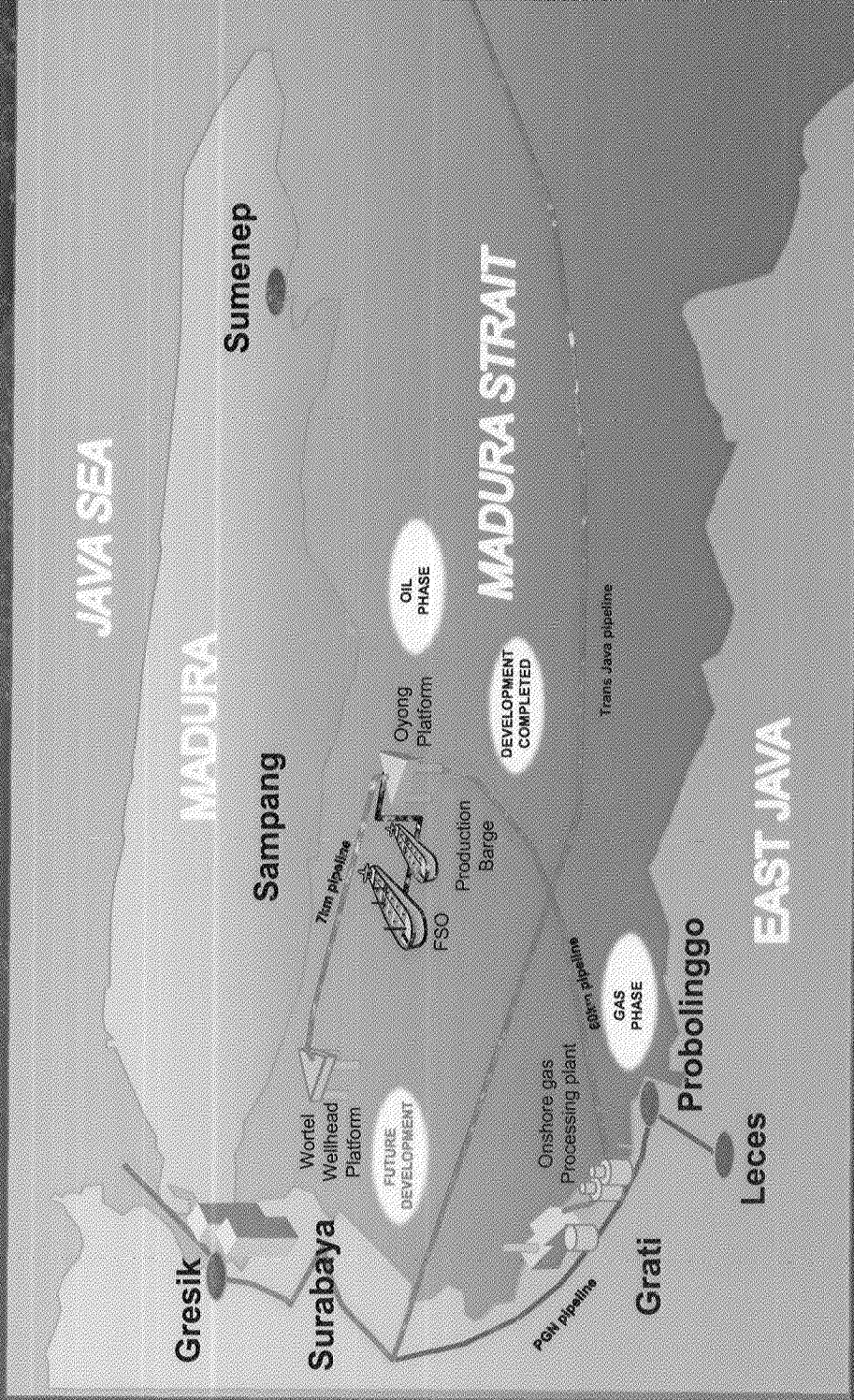
- Cue Permit
- Oil Field
- Gas Field
- Prospects/ Leads
- Gas Pipeline
- Oil Pipeline
- Seismic
- Fault
- Development well

...provides base income

Oyong Development



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Source: Santos Ltd

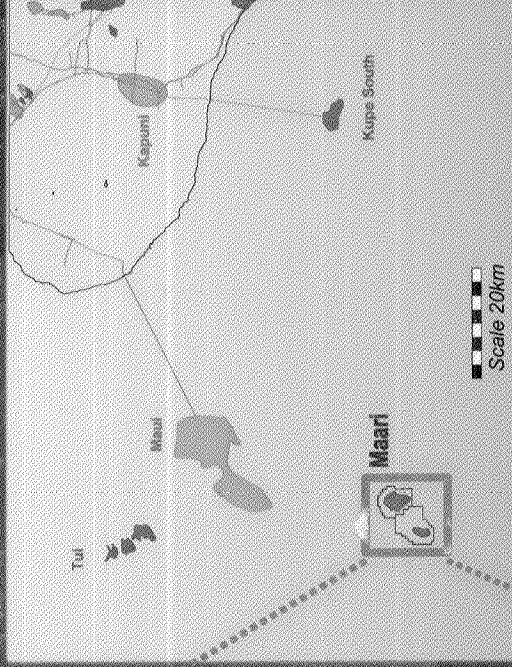
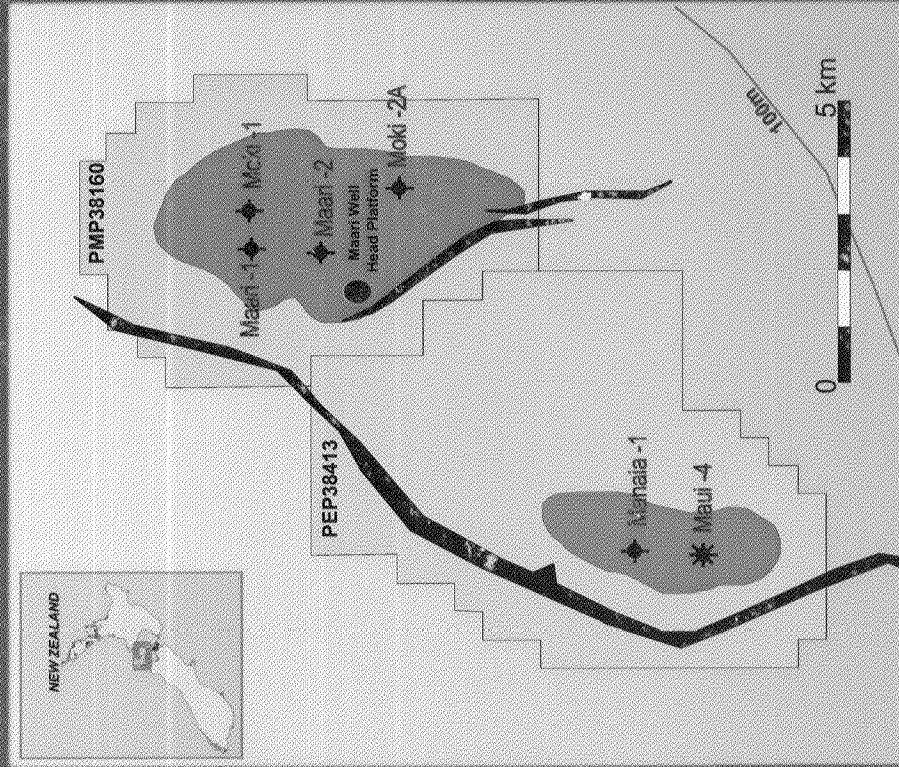
JV Participants	Participating Interest
Santos (Operator)	45%
SPC	40%
Cue	15%

...three stage development

Maari Oil Field New Zealand



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IV Participants	Participating Interest
OMV (Operator)	69%
Tord	16%
Horizon	10%
Cue	5%

...upside potential in Maari & Manaia

Maari Development Scheme

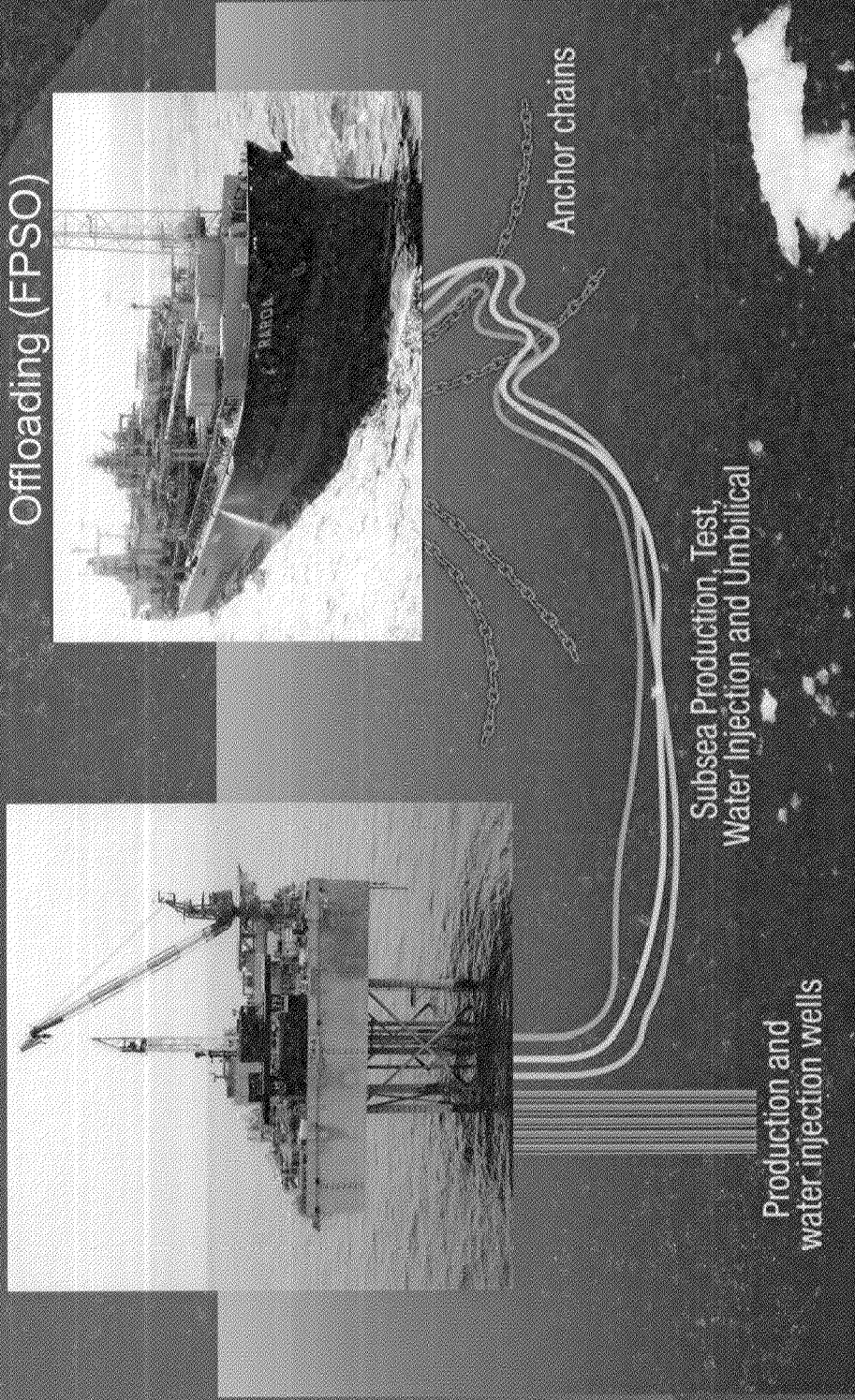


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Wellhead Platform



Floating Production Storage
Offloading (FPSO)



...development completed

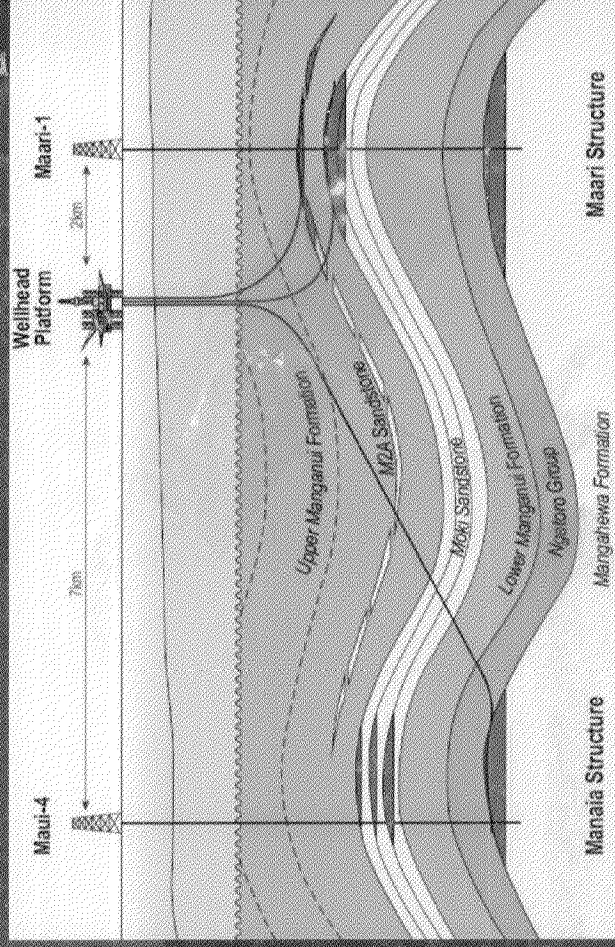
Maari Oil Development



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- Platform, FPSO installed, Development drilling completed
- First oil 1Q 2009
- Initial rate ~ 35,000 bopd
Cue share ~ 1,750 bopd
- P₅₀ oil reserves ~ 58 million barrels*
Cue share ~ 2.9 million barrels*
(area upside ~ 20+ mmbbls)
- Capital cost ~ US\$660 million gross
- Cue share ~ US\$33 million
- Project loan facility US\$20 million

* Cue estimate



Source: Horizon

...substantial oil production increase



Cue Energy Resources Limited

SUMMARY

WHY INVEST IN CUE

- **Balanced portfolio**
- **Large increase in oil production**
- **Gas production**
- **Appraisal drilling**
- **Exploration drilling**
- **Quality exploration acreage**
- **Very large gas upside**

It's all about performance