



3 August 2010

Companies Announcement Office
Australian Securities Exchange Limited
10th Floor, 20 Bond Street
SYDNEY NSW 2000

Dear Sir,

COMPANY PRESENTATION

MEC Resources (ASX:MMR) is presenting today at the Australian Microcap Investment Conference in Melbourne.

A copy of the presentation is attached.

Yours sincerely,

A handwritten signature in black ink that reads "D. Breeze".

David Breeze
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MEC Resources Ltd
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Fortbridge Consulting
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About MEC Resources

ASX listed MEC Resources (ASX: MMR) invests into exploration companies targeting potentially large energy and mineral resources. The Company has been registered by the Australian Federal Government as a Pooled Development Fund enabling most MEC shareholders to receive tax free capital gains on their shares and tax free dividends.

About Advent Energy

Advent Energy Ltd is an unlisted oil and gas exploration company, held by major shareholders MEC Resources (ASX: MMR), BPH Corporate (ASX: BPH) and Talbot Group Investments. Advent holds a strong portfolio of exploration and near-term production assets throughout Australia. Advent's cornerstone project lies off the coast of NSW in Petroleum Exploration Permit 11 (PEP11), and comprises gas prospects of multi-Tcf capacity. Advent Energy's wholly owned subsidiary Asset Energy Pty Ltd will increase its interest from 25% to 85% of PEP11 by drilling the first well. Bounty Oil and Gas (ASX:BUY) will thereby reduce their interest from 75% to 15%.

Notes:

In accordance with ASX listing requirements, the geological information supplied in this report has been based on information provided by geologists who have had in excess of five years experience in their field of activity.

MEC is an exploration investment company and relies on the resource and ore reserve statements compiled by the companies in which it invests. All Mineral Resource and Reserve Statements have been previously published by the companies concerned. Summary data has been used. Unless otherwise stated all resource and reserve reporting complies with the relevant standards. Resources quoted in this report equal 100% of the resource and do not represent MEC's investees' equity share.



**Australian Microcap Investment
Conference, Melbourne**

**Petroleum Exploration Permit (PEP11)
Offshore Sydney Basin**

3 August 2010

David Breeze– Executive Director

MEC Resources is listed on the Australian Securities Exchange with stock code MMR

MEC Resources offers investment into exploration companies seeking large energy & mineral discoveries

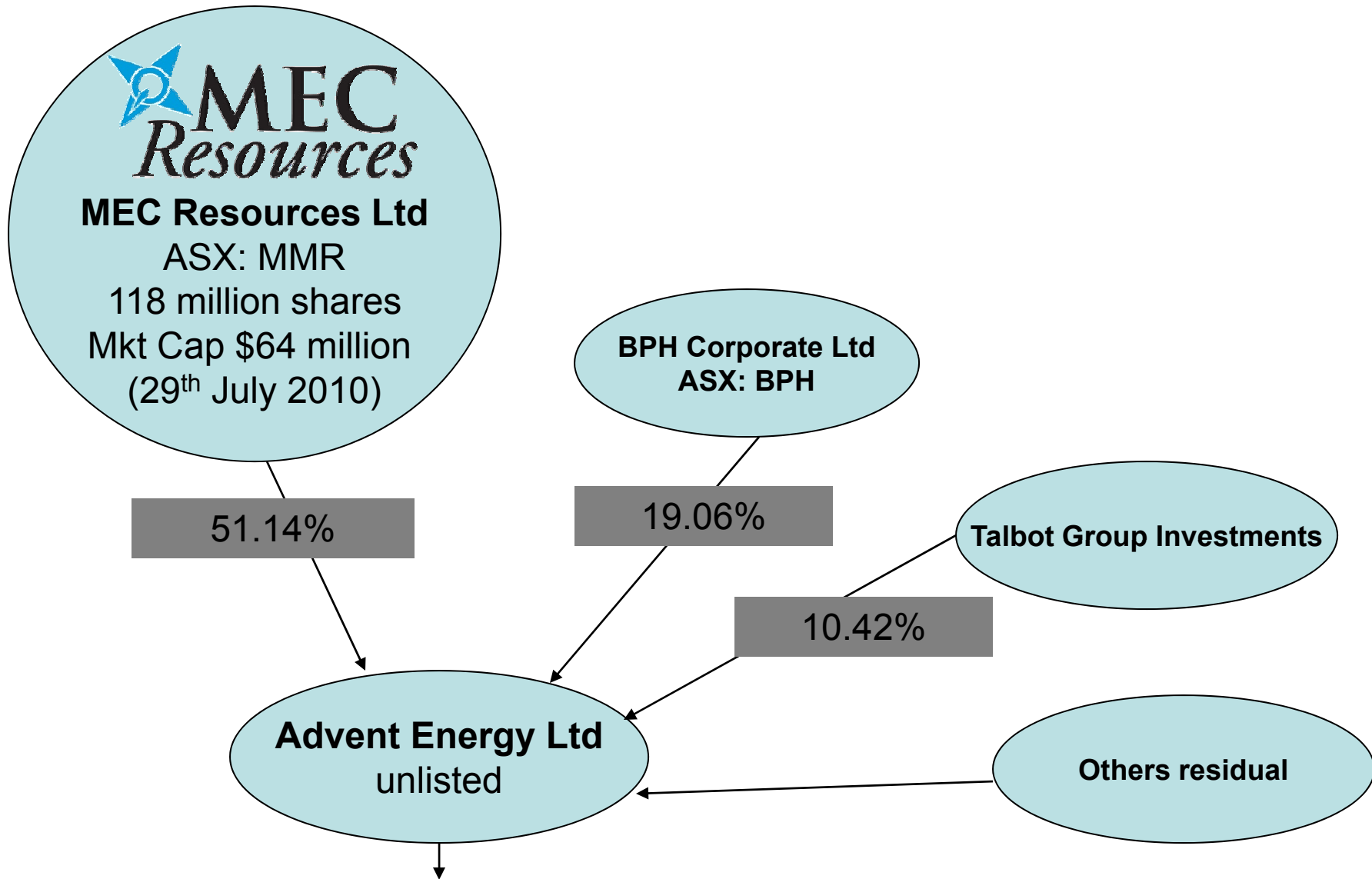
The Company is registered as a Pooled Development Fund enabling most MEC shareholders to receive tax free capital gains on their shares & tax free dividends

MEC targets new & emerging companies in which investments have potentially significant returns

MEC Resources currently has a major investment in unlisted oil and gas exploration company Advent Energy Limited



MEC and Advent Energy Shareholding Structure



85% PEP11



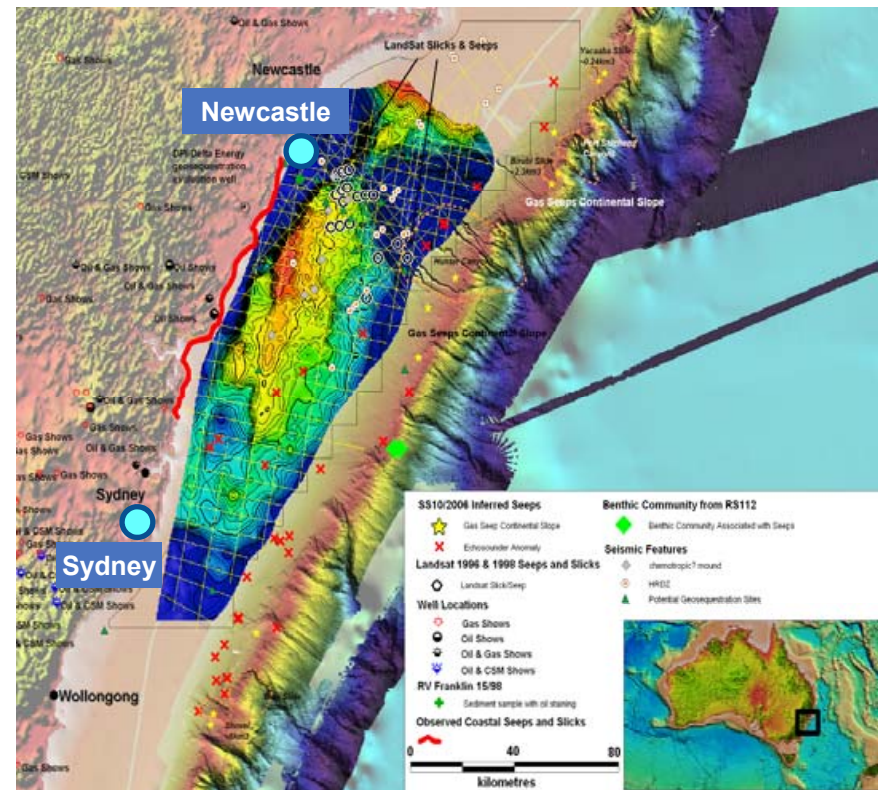
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Company Overview

Background

- ▶ Formed in 2004 as an independent E&P company
 - Headquartered in Perth, WA
 - Portfolio of assets both onshore & offshore Australia with an estimated AUD 126m invested historically on exploration
- ▶ Cornerstone asset in PEP 11, covering the entire Offshore Sydney Basin
 - Prospective recoverable resources of 13.2 Tcf (P50)
 - Relatively shallow waters (50-200 m) and directly adjacent (<50 km) to Australia's largest gas market
 - Focus on search for direct and indirect Hydrocarbon Indicators
 - Geological analogies to proven, producing fields such as the Campos Basin, offshore Brazil and the Ormen Lange field in Norway

Key Asset –Offshore Sydney Basin





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Management, Technical Team & Advisors

Experienced Management Team

Mr. David Breeze: Executive Director

- ▶ Executive desks, Daiwa Securities, Eyres Reed McIntosh, BNZ North's
- ▶ Involved in the structuring, capital raising & listing of 80+ companies raising over \$250M
- ▶ Bachelor of Economics (University of Tasmania); MBA (University of Western Australia)

Mr. Heng Yu: Senior Geologist

- ▶ 24 years in the Oil & Gas Industry
- ▶ Held senior positions in PetroChina Xinjiang Oilfield Company & Schlumberger China S.A.
- ▶ Geological Modelling, Reserves Calculation, correlation & analysis
- ▶ BSc in Geology, Southwest Petroleum Institute, China

Mr. Tobias Foster: Corporate Development Manager

- ▶ 10 years in resources industry, previously Operations Manager of geochemical consultancy
- ▶ BSc, University of Western Australia
- ▶ MBA, Curtin University School of Business

Ms. Deborah Ambrosini: Executive Director, CFO & Company Secretary

- ▶ Corporate accountant with over 10 years experience in biotech, mining, IT communications & financial services sectors
- ▶ Member, Institute of Chartered Accountants

Technical Team & Advisors

Mr. Ding Gui Ming: Advisory Panel Chairman

- ▶ Formerly Head of Exploration, China National Petroleum Company (CNPC) with 34 years experience
- ▶ Assistant President of CNPC from 1997-98, overseeing exploration & production oilfields in China
- ▶ Past President of Daqing Oilfield, China's largest (1.2 mmbpd production)

Mr. Jim Dirstein

- ▶ 25 years of international experience in oil industry
- ▶ 12 years as principal of independent geophysical consulting company
- ▶ Expertise in 2D/3D prospect generation/appraisal/development

Mr. Fred Kroh

- ▶ Formerly Project Leader of Geophysical Processing & Data Access Project with Geosciences Australia
- ▶ Specialist in AVO processing analysis, seismic & bathymetric data acquisition & processing

Mr. Tim Berge

- ▶ Internationally recognised Geophysicist with over 30 years experience (Exxon Ventures, Forest Oil)
- ▶ Involved in the discovery of major gas fields in Alaska and in 2000, the Ithubesi field, west coast of South Africa, comprising 25Tcf unrisks resource potential.

Mr. Lan Nguyen

- ▶ Professional petroleum geologist. 20 years experience as Mosaic Oil technical management and subsequently as Managing Director



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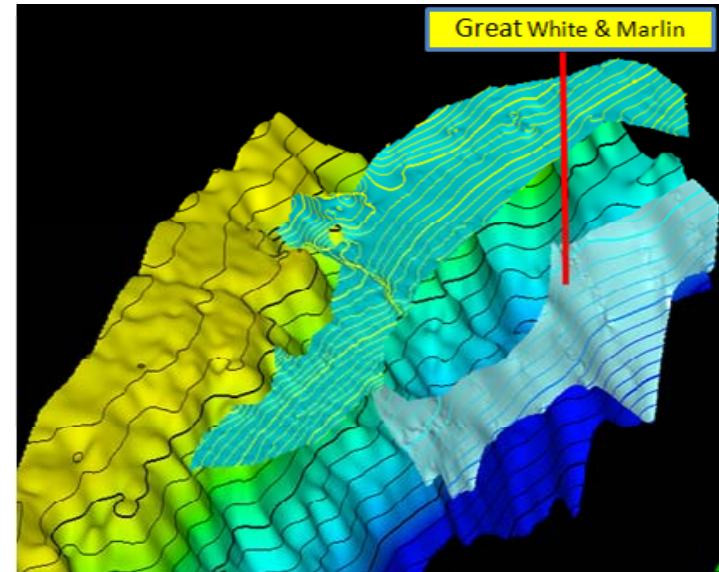
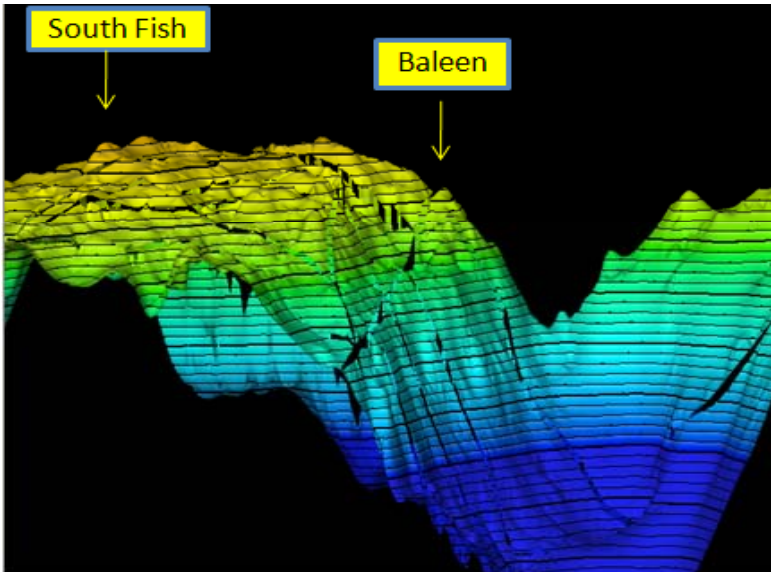
Permit History & Progress

Historical Ownership of Permit

- ▶ During the 1980s, Santos Ltd. shot extensive 2D seismic over PEP11
- ▶ At the time, the prospect was not developed further:
 - ▶ Gas prices rendered the field uneconomical
 - ▶ Santos had committed to develop its Cooper Basin assets as a first priority
- ▶ From 1992, PEP11 was held by small Australian exploration companies without progress being made

Progress through involvement of Advent

- ▶ Advent farmed into a 25% interest in 2006 through acquisition of 2004 seismic
- ▶ Significant geological & geophysical work completed since Advent's farm-in:
 - ▶ Fugro Ltd reprocessed 1,460km seismic shot in 2004 & integrated with 2,300km legacy data obtained from Santos
- ▶ Prospective recoverable resource estimates have been independently validated



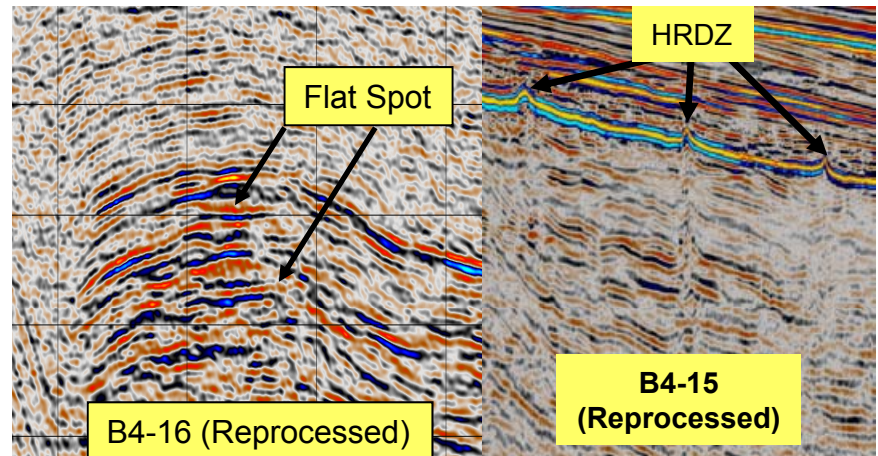
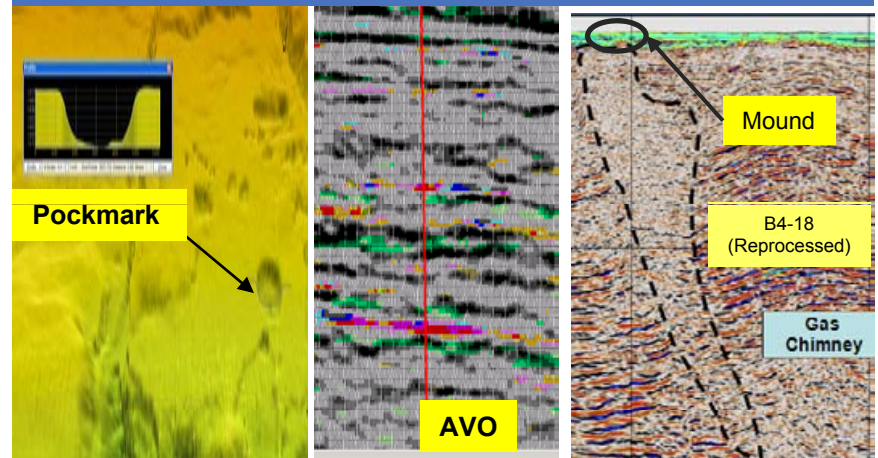


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Significant Hydrocarbon Potential proven by Industry Standards

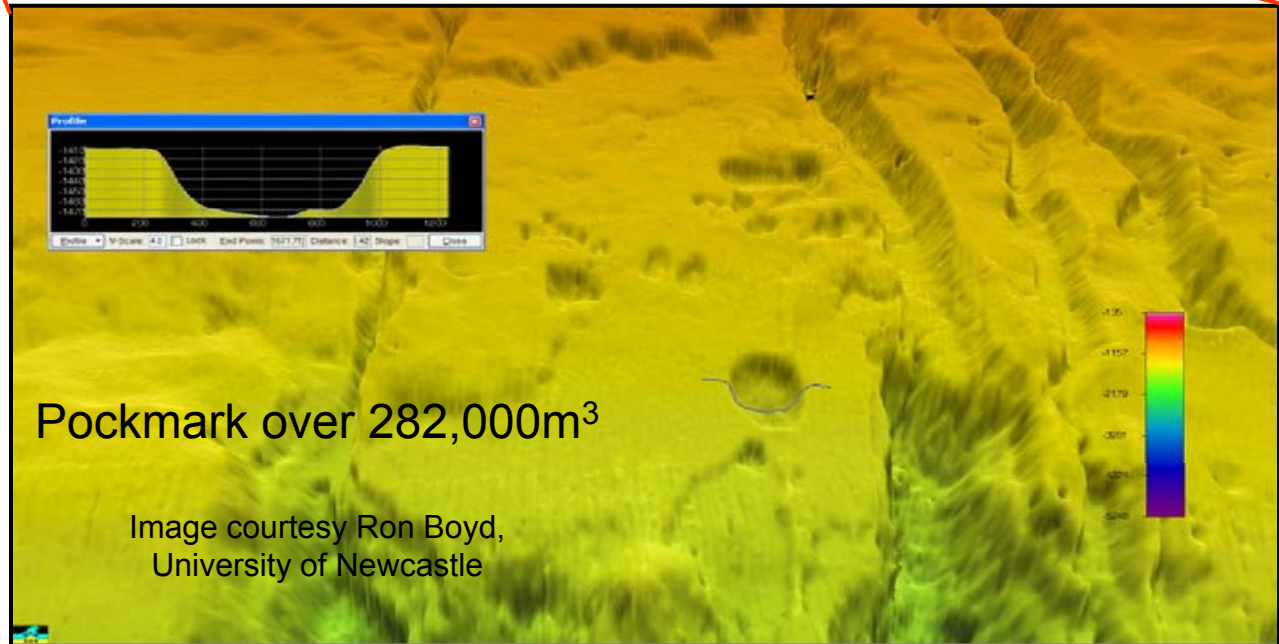
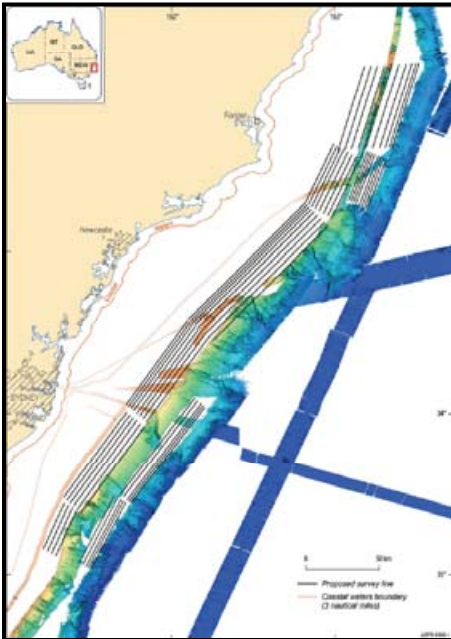
- ▶ The permit's potential is evident in the significant and complimentary hydrocarbon & migration features observed
- ▶ Direct hydrocarbon indicators identified in seismic data
 - high amplitude bright spot reflections
 - attenuation of high frequencies in instantaneous frequency plots
 - bright spot features in Root Mean Squared amplitude plots
- ▶ Gas chimneys, HRDZs, anomalous AVO, reverse polarity events, flat spots are also present
- ▶ Seepage has been observed and recorded via Landsat across areas of the permit
- ▶ Echosounder seeps and sizeable pockmarks are observed within the permit area and covering the offshore continental slope
- ▶ Repeated Hydrocarbon seep samples show a thermogenic source with liquid components indicated
- ▶ Independent inshore Hydrocarbon Seep Gas analysis shows high gas content

Features Observed Across Permit



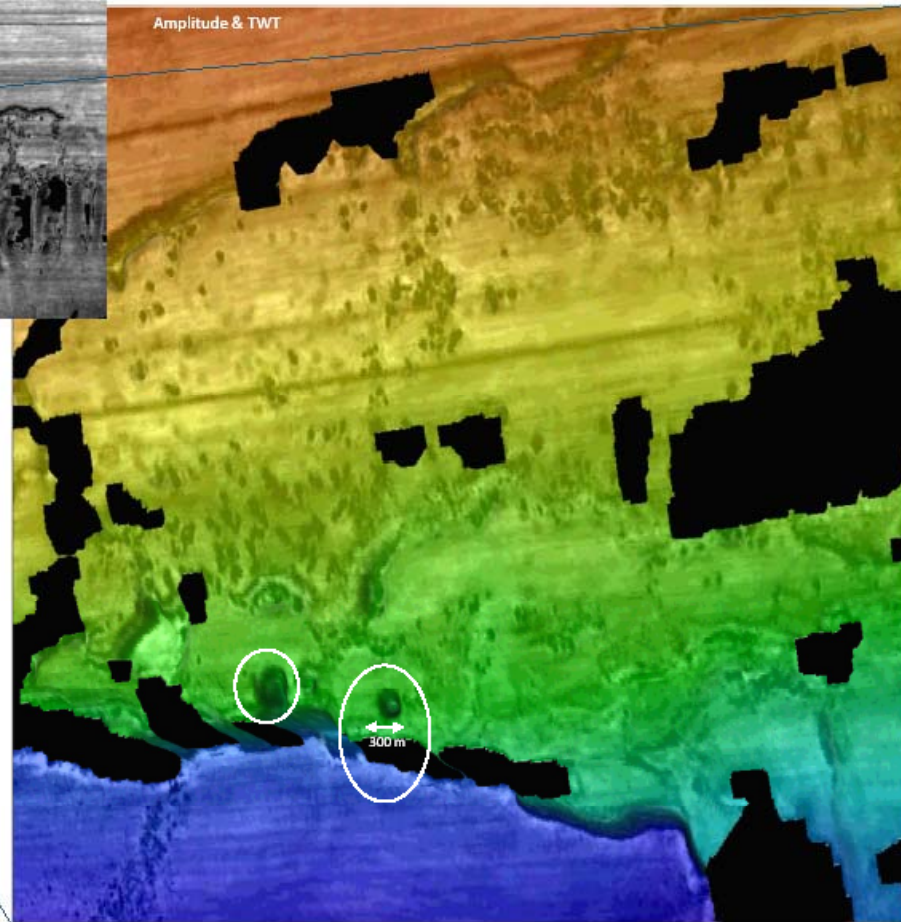
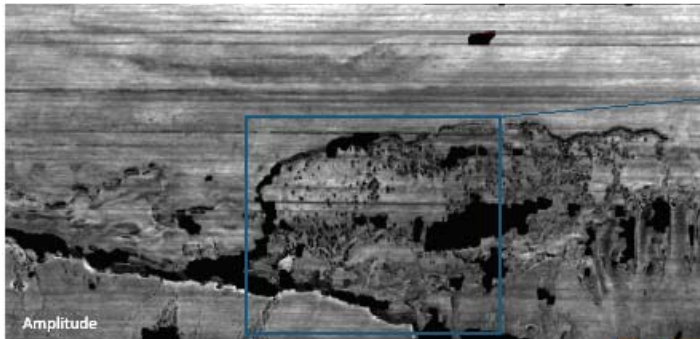


D. Schumacher: “Hydrocarbons seep in large concentrations in basins actively generating hydrocarbons or that contain excellent migration pathways”





Pockmarks: Evidence for Out Gassing at Gorgon Gas Field



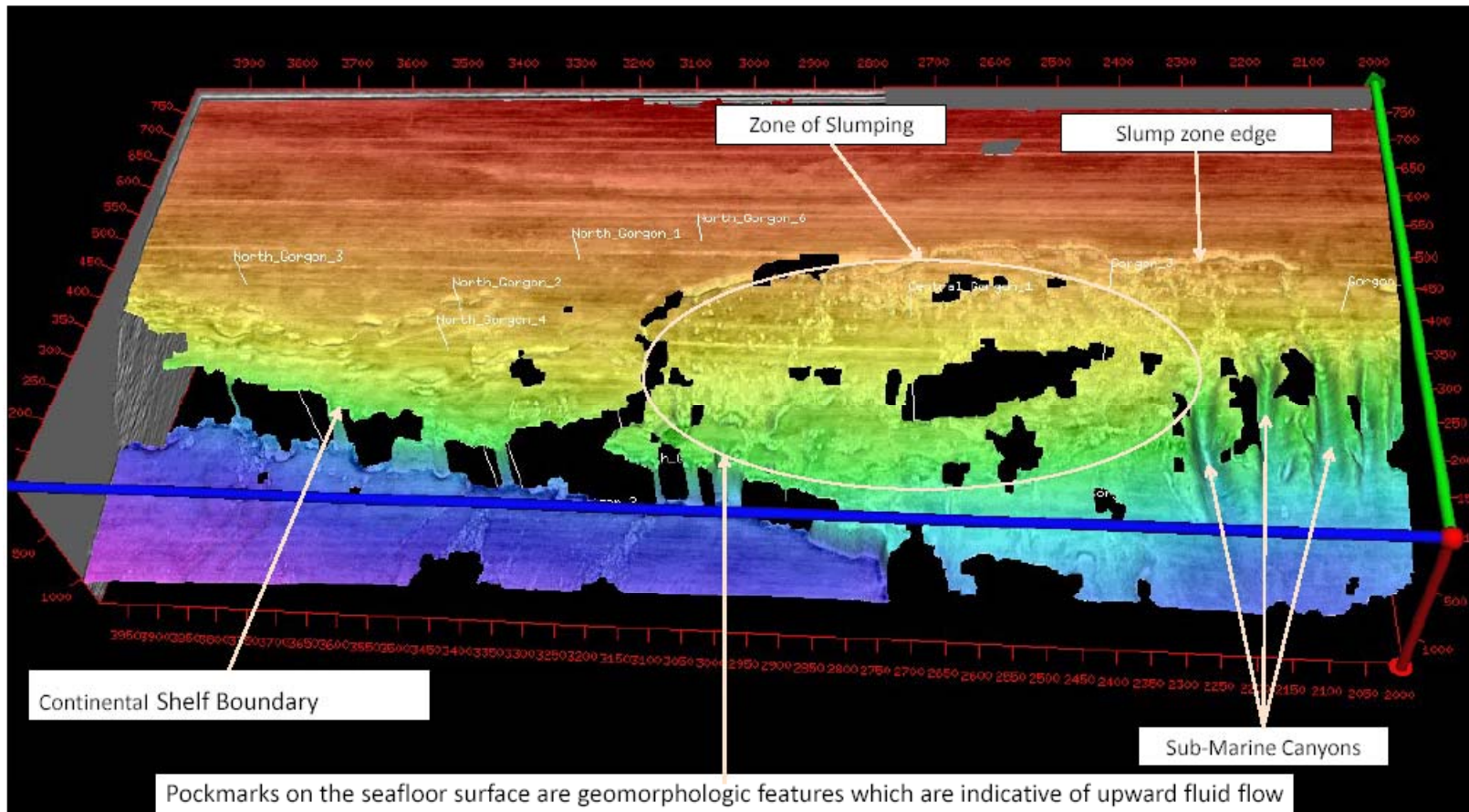
While some pockmarks can be small and below the imaging resolution of conventional exploration 3D surveys, many (like those shown here) are much larger and can measure 100s of meters in diameter. Regionally, areas of higher density of pockmarks have contributed to slumping and sea-floor instability over large areas during the course of geological time.



Total Depth



Sea-Floor TWT over Gorgon Field

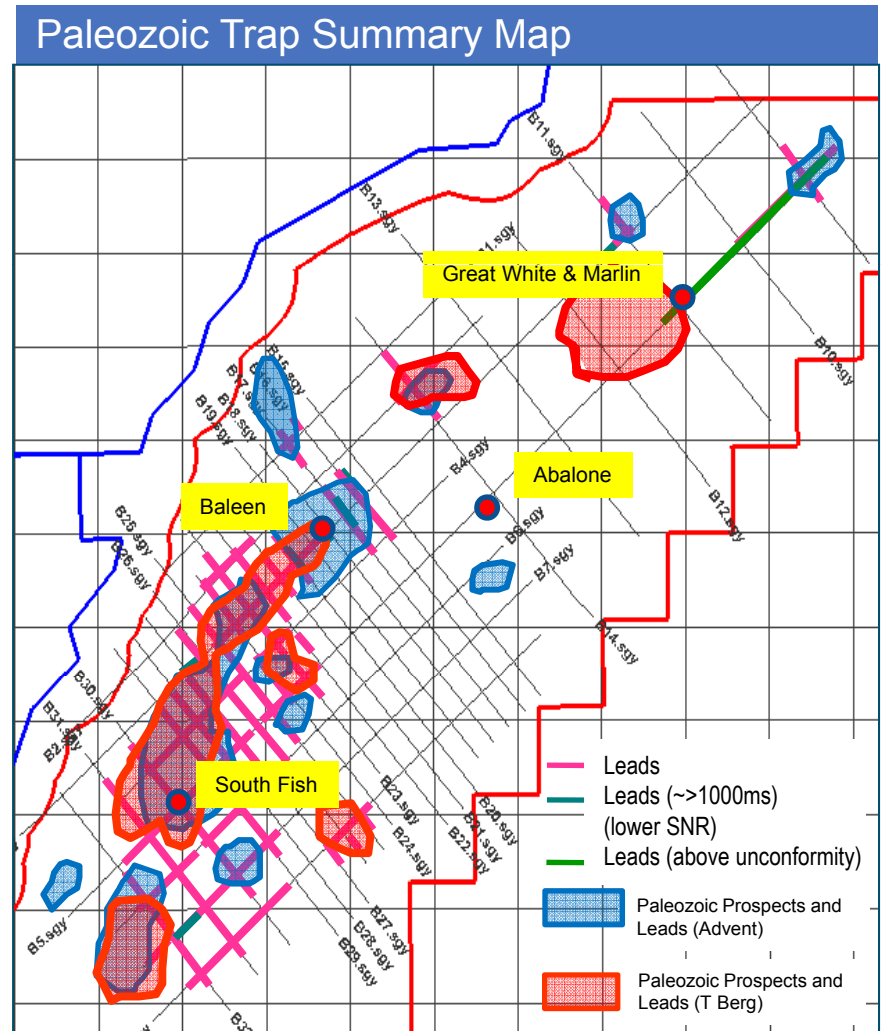


Pockmarks on the seafloor surface are geomorphologic features which are indicative of upward fluid flow and the venting of gas. The Gorgon field along with many other gas accumulations offshore Western Australia show evidence of out-gassing and upward fluid flow.



Significant AVO Leads Surrounding Major Prospects

- ▶ AVO is a recognized methodology employed by major oil companies to identify exploration potential
- ▶ Independent analysis of extracted AVO attributes from recently reprocessed 2004 survey has been completed
 - 32 seismic lines from the survey conducted during 2004 were analysed
- ▶ Seismic gathers provided by Fugro have been processed for AVO analysis
 - AVO analysis shows the gathers have a number of good events that show correlations with theoretical AVO curves
- ▶ AVO observations broadly correlate with locations of existing structures and leads such as the greater Fish prospect
- ▶ A number of new areas of interest have been identified through the AVO analysis



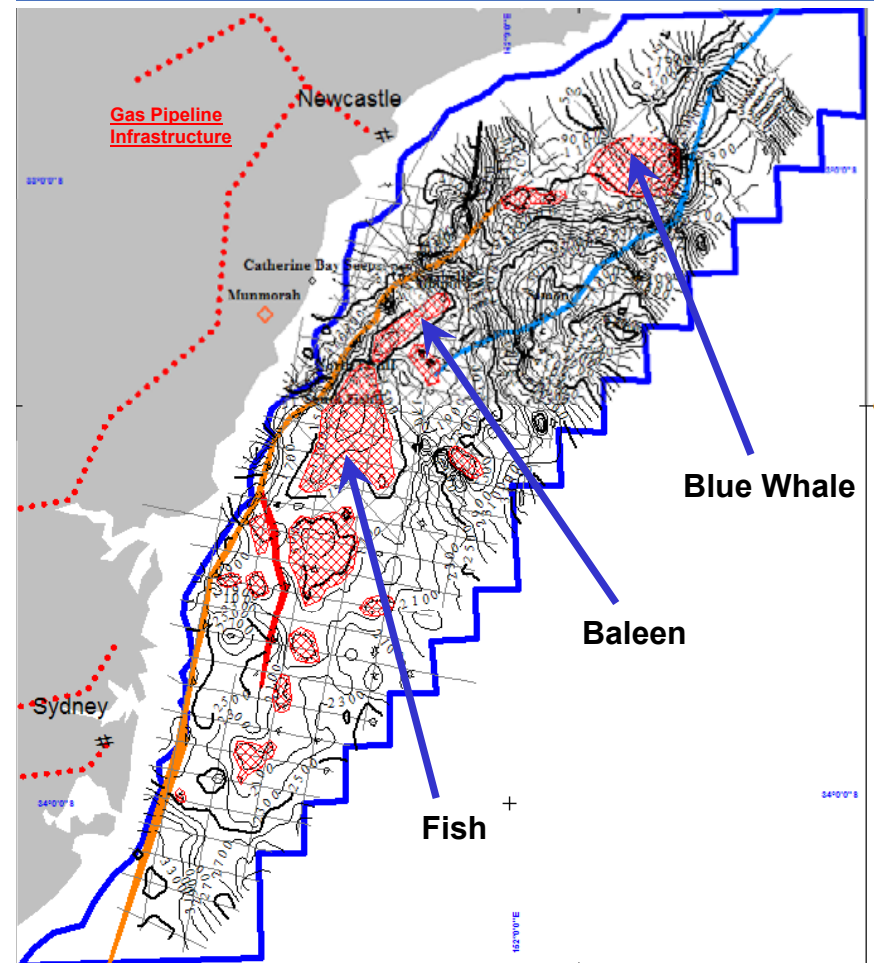


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Three Major Deep Prospects with Multi-Tcf potential

- ▶ Contains all the elements for success needed in world class sized structure
 - ▶ Relatively shallow water depth 50-120 m
 - ▶ The prospects lie between depths of 1,200 and 2,800 metres
 - ▶ Large scale structuring and potentially multi-Tcf gas and condensate-charged Triassic and Permian sandstone reservoirs
- ▶ Could meet NSW's gas needs for the next decade and allow for LNG project

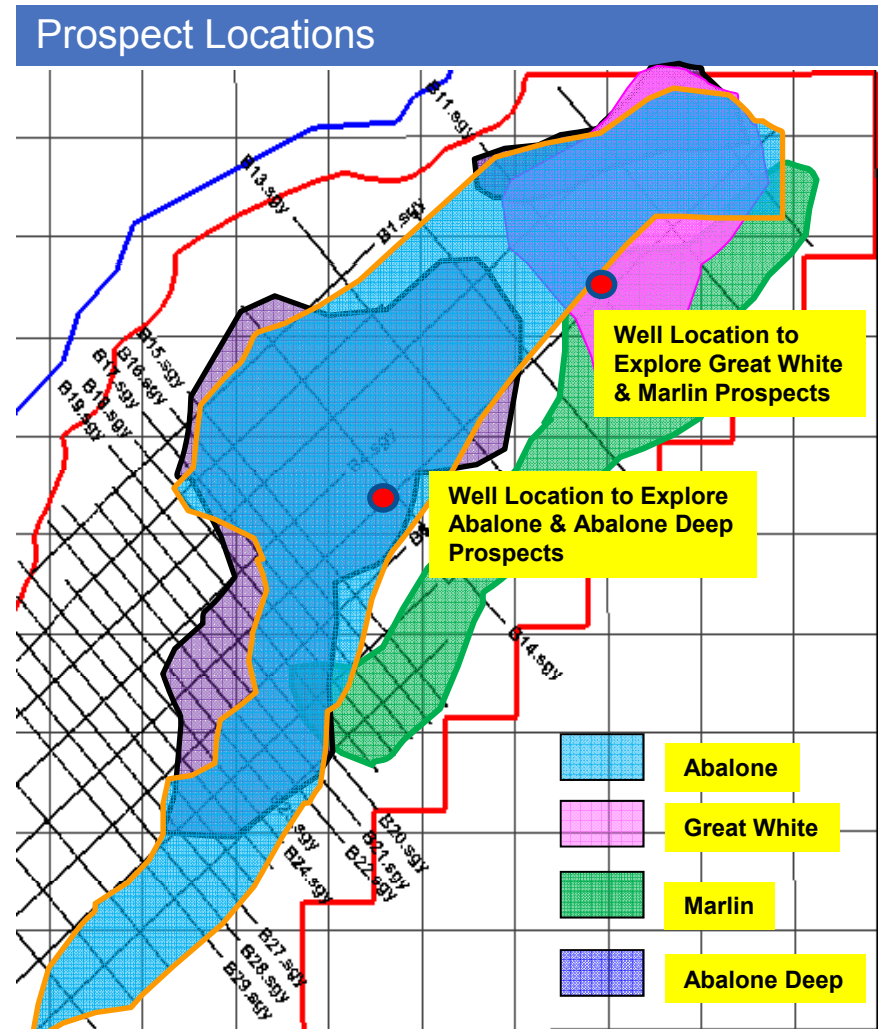
Permian/Triassic Prospect Locations





Shallow Horizon Prospects with +7 Tcf potential

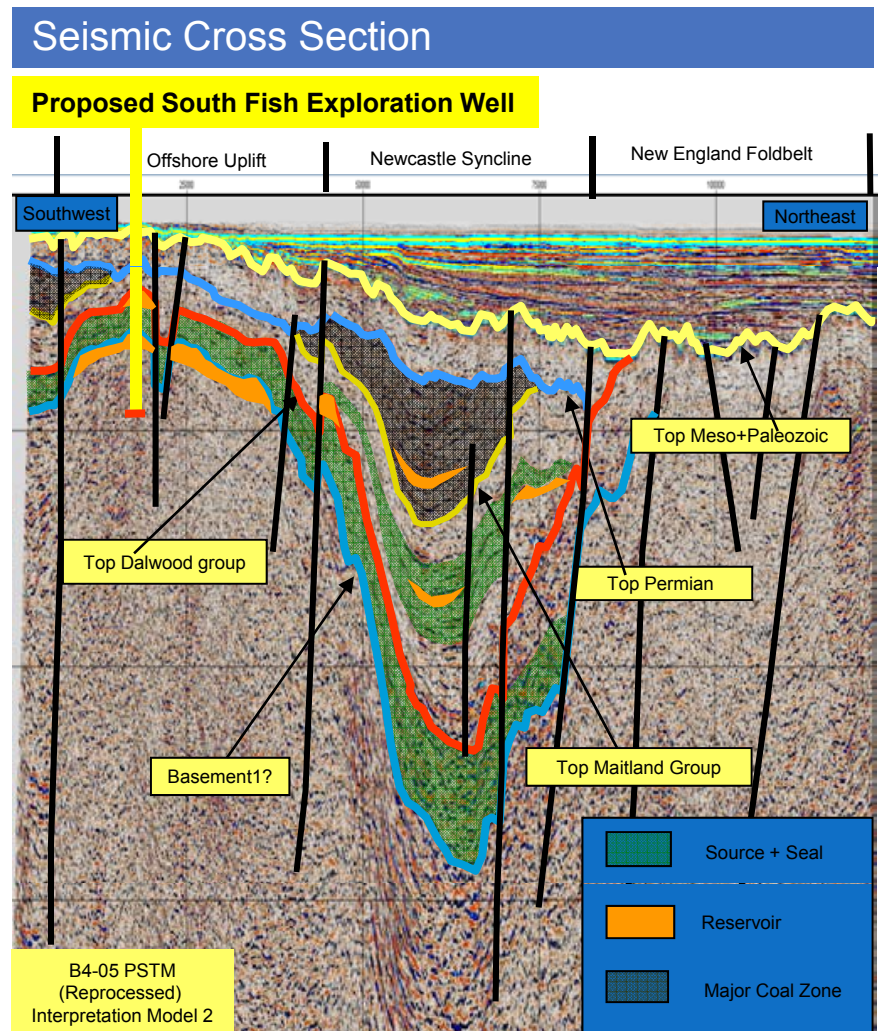
- ▶ Vast, gently eastward dipping prospects with main reservoir targets interpreted as Tertiary sandstone
 - ▶ significant potential for good reservoir development
 - ▶ Excellent migration pathways
 - ▶ Regional unconformity seal
- ▶ Relatively shallow water depth of ~140 meters
- ▶ Marlin prospect is a large stratigraphic feature which conceptually is considered to be analogous with producing fields located in the prolific offshore Campos Basin off Brazil





Fish - Drilling Target in the Deep Horizon

- ▶ A large north-south elongated anticline with three separate structural culminations, adjacent to the Offshore Syncline (the hydrocarbon source)
 - 2 Tcf with 21% Probability of Success (PoS)
- ▶ The main interpreted potential reservoirs are sandstones in the Permian Maitland Group and Dalwood Group as well as fractured Basement
 - Positive airborne electromagnetic signatures
 - Positive AVO analysis
- ▶ Potential discovery large enough for standalone development

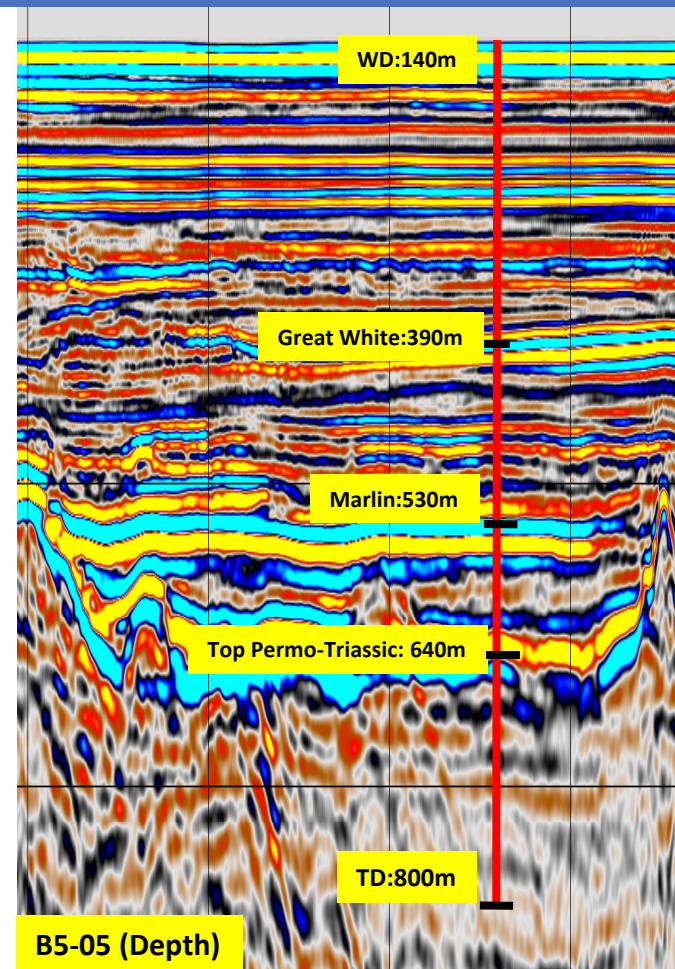




Great White and Marlin - Drilling Candidate Shallow Horizon

- ▶ A vast, gently eastward dipping stratigraphic prospect
 - 2.5 Tcf gas and 62 MMbbl condensate with 19% PoS
- ▶ The main reservoir targets are interpreted Tertiary sandstones
- ▶ Excellent migration pathways observed on seismic data and seismic velocity reduction associated with the prospects
- ▶ Marlin prospect is a large stratigraphic feature which conceptually is considered to be analogous with producing fields located in the prolific offshore Campos Basin off Brazil

Seismic Cross Section





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Prospects in Advent Portfolio

Block	Asset	Advent interest	Prospective Recoverable Gas Resources Bcfg				Prospective Recoverable Condensate Resources MMbo				Probability of Success %
			P90	P50	P10	Swansons Mean	P90	P50	P10	Swansons Mean	
PEP 11	Abalone	85%	483.5	1,810.1	7,554.9	3,135.6	4.8	45.3	302.2	110.2	19.0%
Shallow	Abalone Deep	85%	948.9	2,933.0	11,798.3	4,997.4	9.5	73.3	471.9	173.7	19.0%
Cainozoic	Great White	85%	164.0	695.5	1,910.7	900.6	1.6	17.4	76.4	30.4	19.0%
	Marlin	85%	371.0	1,780.7	5,770.9	2,554.9	3.7	44.5	230.8	88.2	19.0%
	Shallow Total		1,967.4	7,219.3	27,034.8	11,588.4	19.6	180.5	1,081.3	402.5	
PEP 11	Fish	85%	28.6	2,131.2	35,491.8	11,508.6	0.0	0.1	1.8	0.6	21.0%
Deep	Baleen	85%	17.2	472.2	4,193.3	1,452.0	0.0	0.0	0.2	0.1	18.9%
Permian /	Shark	85%	44.1	752.2	10,656.0	3,510.9	0.0	0.0	0.5	0.2	16.8%
Triassic	Trout	85%	12.1	232.6	1,757.3	623.9	0.0	0.0	0.1	0.0	17.9%
	Orca	85%	15.7	302.3	2,283.7	810.7	0.0	0.0	0.1	0.0	20.2%
	Squid	85%	11.4	218.1	1,647.7	585.0	0.0	0.0	0.1	0.0	13.6%
	Blue	85%	15.5	297.9	2,250.6	799.0	0.0	0.0	0.1	0.0	7.5%
	Blue Whale	85%	66.2	1,271.6	9,607.6	3,410.8	0.0	0.1	0.5	0.2	7.5%
	South Squid	85%	66.2	289.7	2,189.1	777.2	0.0	0.0	0.1	0.0	13.5%
		Deep Total		277.0	5,967.8	70,077.1	23,478.1	0.0	0.3	3.5	1.2
	PEP 11 Total	85%	2,244.4	13,187.1	97,111.9	35,066.5	19.6	180.8	1,084.8	403.6	
EP 325	Rivoli	8.3%	5.4	-	14.4	9.5	0.0	0.0	0.1	-	
	Rivoli Deep	8.3%	1.2	-	3.6	2.3	-	-	-	-	
EP 386/RL-1	Weaber	100%	-	-	52.8	-	-	-	-	-	
	Others Total		6.7	-	70.8	11.8	0.0	0.0	0.1	-	

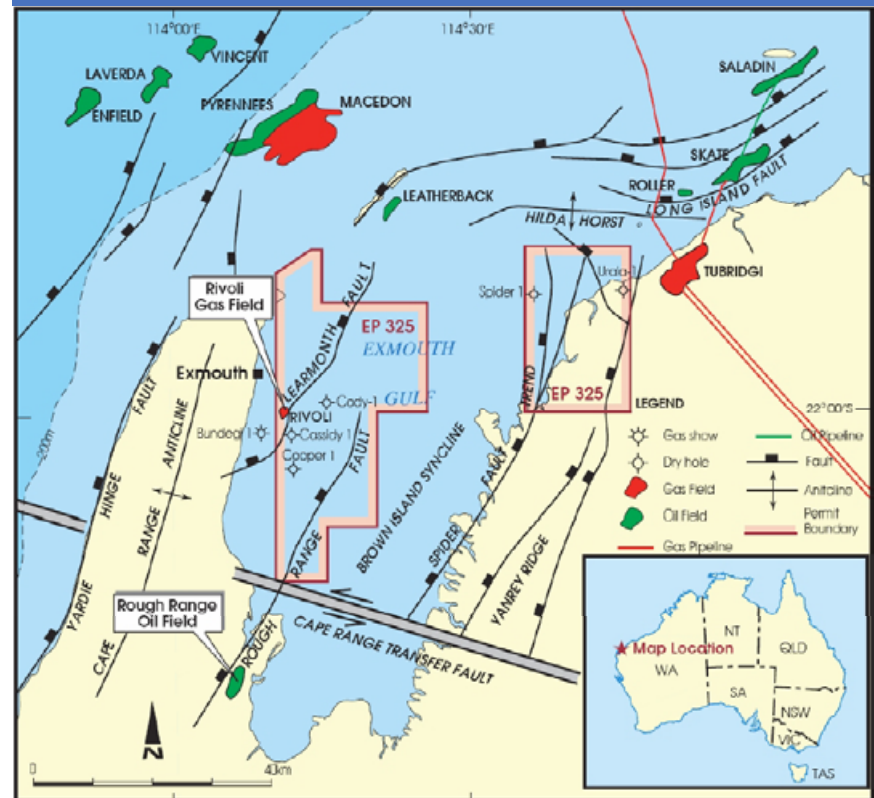


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Carnarvon Basin (Western Australia) EP 325

- ▶ Advent holds an 8.3% interest in EP 325, in the Exmouth sub-Basin of the Carnarvon Basin
- ▶ Joint Venture Operator is Strike Oil
- ▶ Gas Field contingent resources of 9.5 Bcf (Pmean)
- ▶ Seven wells within EP 325 & EP 423 found gas
- ▶ Enfield Oil Field NW of EP 325 produces 5,430 bbl/day, contains est. 150 MMbbl recoverable oil
- ▶ Pyrenees field North of EP325 contains 120 MMbbl recoverable oil, expected production 96,000 bopd.
- ▶ Quality drilling & production infrastructure available; deep water loading jetty & support facilities at Exmouth.
- ▶ Discussions ongoing with Australian Dept. of Defence to supply Exmouth's Harold E. Holt Naval Comms facility with gas, replacing existing diesel power generation

Prospect Location

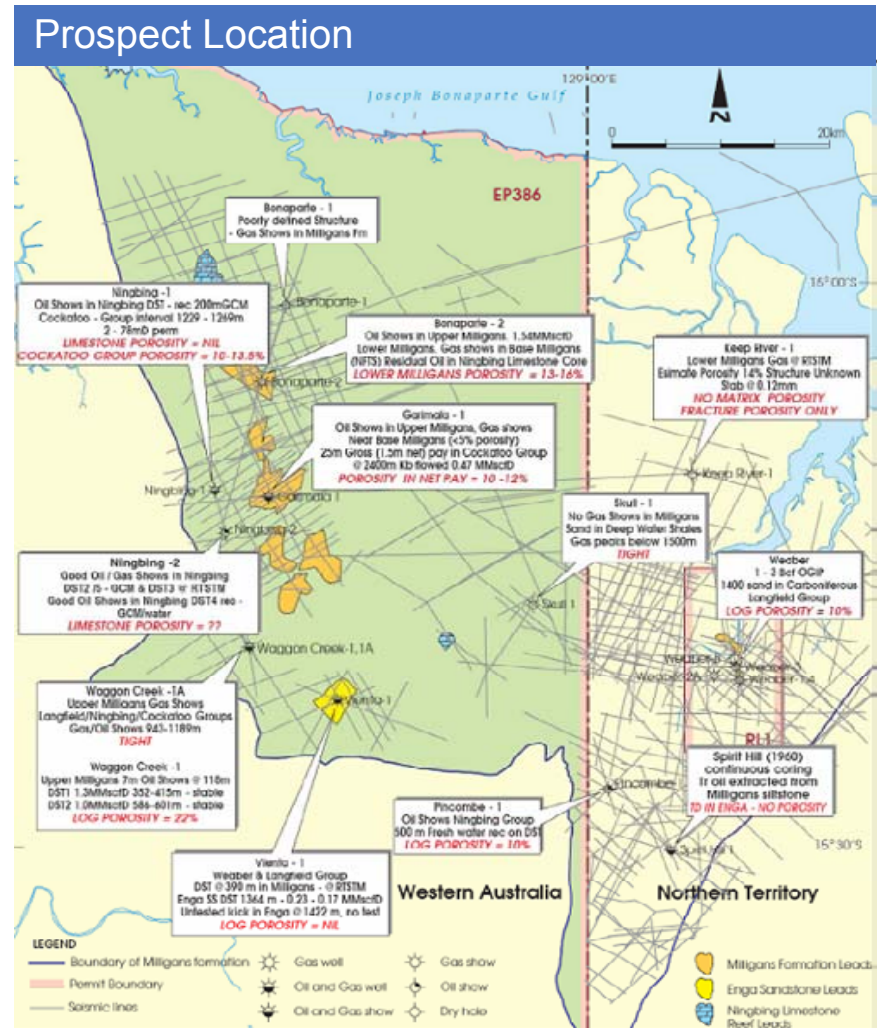




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Bonaparte Basin (WA/NT) EP 386 / RL-1

- ▶ The Bonaparte Basin:
 - A proven hydrocarbon bearing sedimentary basin
 - Onshore Basin straddles the Northern Territory & Western Australia Border
- ▶ Advent holds 100% onshore permits EP 386 (WA) & RL-1 (NT) (circa 20,000km²)
- ▶ RL-1 holds the Weaber Gas Field
 - Geoscience Australia estimate reserves at 4.3 Mmboe and note two related prospects; Weaber North & Weaber Southwest
- ▶ 4 Discoveries made in EP 386 – with Vienta, Waggon Creek & Bonaparte with est. recoverable gas of 8, 12 & 4 Bcf respectively
 - Log porosities of 22% and gas flows to 1.3 MMcf/day have been recorded
- ▶ Advent in discussions with nearby mineral & diamond projects for energy & power supply
- ▶ A recent independent and unpublished review indicated a significant increase in prospective volumes; “tight gas” plays





ADVENT ENERGY LIMITED

Board & Advisory Panel

Board Members

Mr. Goh Hock: Chairman

- ▶ Previous President of Schlumberger Asia. Managed all Asian operations including oil field services & outsourcing
- ▶ 25 years with Schlumberger, held several field & management positions in the oil & gas industry across ten countries in EMEA

Mr David Breeze: Executive Director

- ▶ Executive positions in Daiwa Securities, Eyres Reed McIntosh & BNZ North's
- ▶ Involved in the structuring, capital raising & listing of 80+ companies raising over \$250M
- ▶ Chairman of Grandbridge Ltd and BPH Corp. Ltd & Executive Director of MEC Resources Ltd
- ▶ Bachelor of Economics (University of Tasmania); MBA (University of Western Australia)
- ▶ Fellow of the Institute of Company Directors of Australia

Mr. Eng Hin Tan: Non-Executive Director

- ▶ Appointed to several senior management positions within Schlumberger across Asia
- ▶ Initially a Field Exploration Engineer with Schlumberger in Brunei
- ▶ Has held Technical Directorial and Managing Directorial positions several corporations in Asia

Ms. Deborah Ambrosini: Executive Director, CFO & Company Secretary

- ▶ Corporate accountant with over 10 years experience in biotech, mining, IT communications & financial services sectors
- ▶ Director of ASX public companies BPH Corporate & MEC Resources



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Industry Leading Geological Expertise

Mr Timothy Berge

BSc (University of Wisconsin, Madison)

MA - Geology (University of Texas at Austin)

- ▶ 25 Years Corporate experience, an Industry expert in AVO, Inversion, Workstation interpretation, Sequence and Structural Geology, Reserves certification and Risk Assessment.

Geophysics Manager, Forest Oil (1998-2006)

- ▶ Developed technology for seismic recognition of coal and coal-associated pay. Expertise in Coals as a source rock and reservoir. Credited with several discoveries including West Forelands and Three Mile Creek gas fields.

Chief Geophysicist, Forest Oil International, Denver, CO (1998-2004)

- ▶ Responsible for all of Forest's international geophysical activities in South Africa, Gabon, Italy, Romania, Tunisia, Bavaria, Switzerland. Credited with discovery of Ibhubesi field, RSA (2000)

Lead Geophysicist, Exxon Ventures, West Siberia Group (1993-1996)

- ▶ Coordinated Priob Field Tender Bid. Editor of Exxon / Sodeco / Dalmorneftegas Sakhalin TER (feasibility study). 2D and 3D seismic survey acquisition planning, processing, and interpretation

Awards and Affiliations

- ▶ AAPG G&G Integration Committee Chairman, 2005-current
- ▶ SEG Global Affairs Committee Chairman, 2001-2003
- ▶ AAPG G&G Integration Committee Chairman, 2005-2007
- ▶ State of Texas Professional Licensed Geoscientist,
- ▶ Active member of AAPG, SEG, RMAG, AGS, DGS, WTGS, HGS, SGV, and GSH

Mr. Lan Nguyen

BSc (Baku, Azerbaijan)

MSc - Geology (New England University, Aus.)

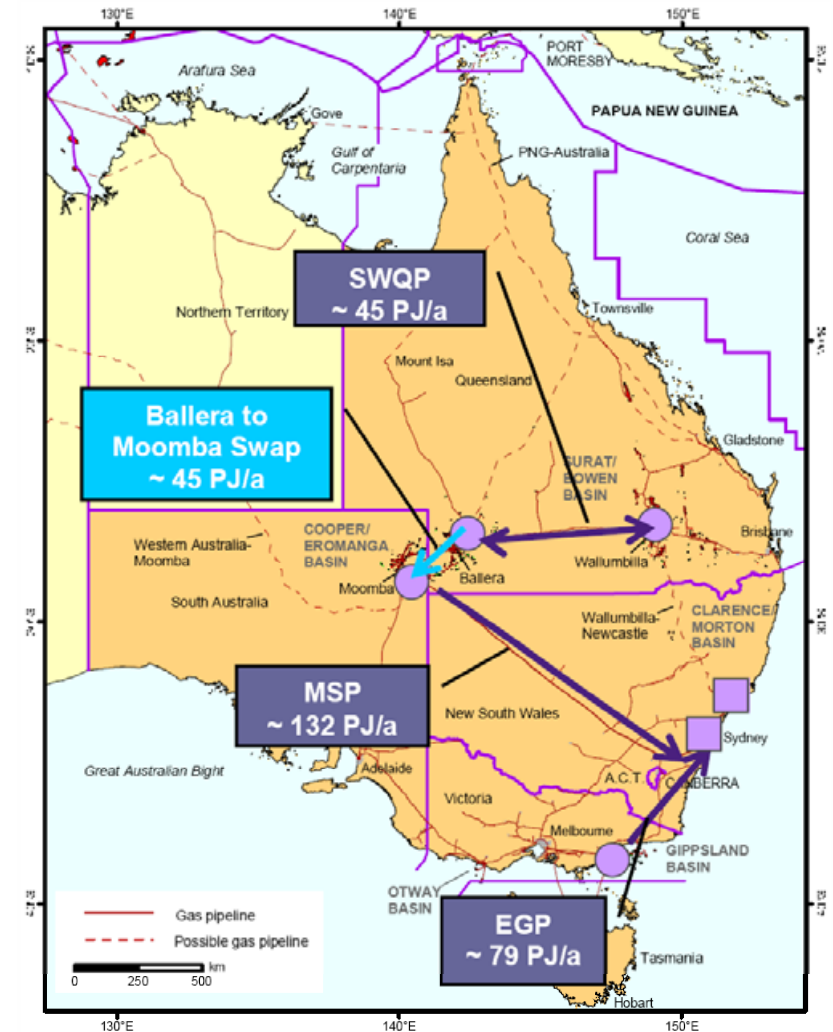
- ▶ Lan Nguyen is a professional petroleum geologist & engineer with over 20 years experience in petroleum exploration, development and production
- ▶ He is currently a member of the Petroleum Exploration Society of Australia (PESA), the American Association of Petroleum Geologists (AAPG) & the Society of Petroleum Engineers (SPE)
- ▶ During his 15 year tenure at Mosaic Oil N.L., an ASX listed petroleum exploration and production company, he played leading roles, initially in technical management positions subsequently as Managing Director, developing Mosaic Oil from a speculative petroleum explorer to a successful petroleum exploration and production company with growing production revenues & petroleum reserves/resources
- ▶ He was credited with the discovery and development of many oil and gas fields in the Surat-Bowen Basins through his innovative introduction of various exploration, drilling and completion technologies to Queensland and Australia
- ▶ Lan is currently a principal/director of Tanvinh Resources Pty Ltd and Surat Bowen Energy Services Ltd, which provide services to energy and resources companies in Australia and Asia-Pacific region



Gas Market in NSW

- ▶ New South Wales is heavily reliant on coal fired energy generation
- ▶ Pressure mounting to switch to environmentally cleaner production
 - 34% of all Australian CO₂ emissions originate from 12 current coal fired power stations
 - Natural gas now has greater political backing than coal in NSW
 - Natural gas produces 65-70% less emissions than brown or black coal
 - Fewer particulates & contaminants in gas compared to coal or oil
 - The State Government of NSW intends for gas to be the fuel to plug electricity shortfalls & reduce emissions regionally
- ▶ State Government has taken action by:
 - Approving plans for two new 2000MW power stations
 - Calling for increased private investment in gas projects
- ▶ Power Intensive Industries, i.e. aluminium smelters must source long-term, competitively priced energy
 - A consistent, reliable, uninterrupted supply of less polluting gas is very attractive to bulk buyers in Power Intensive Industries

Current Pipeline Capacity (Assuming 85% Load Factor)



Source: Wood Mackenzie

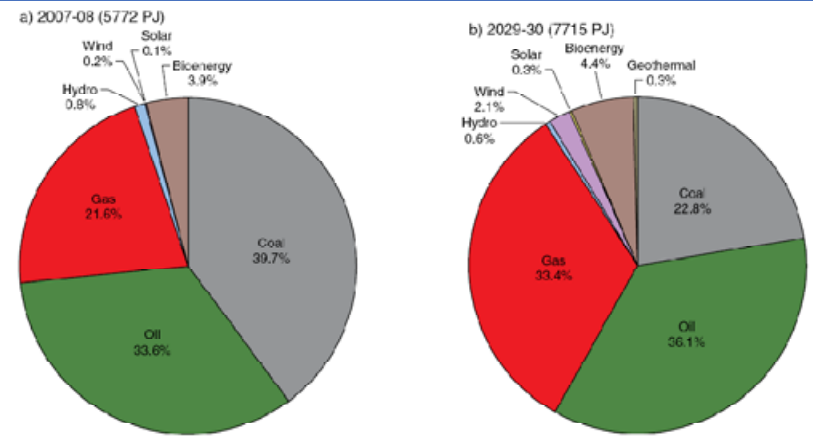


Australian Domestic Gas Market

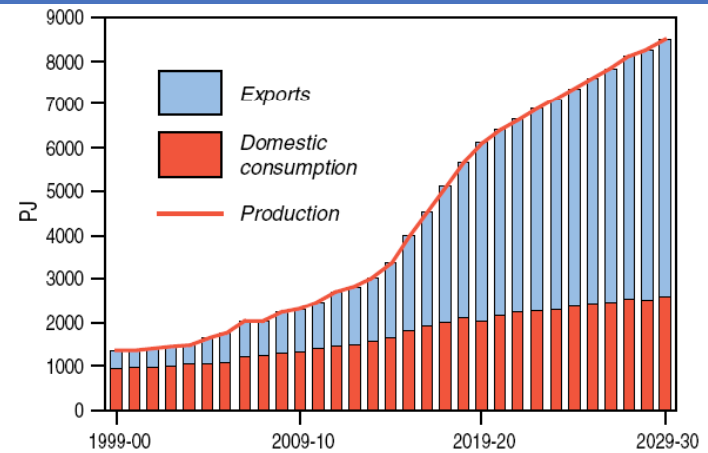
Domestic Gas Market Forecasts

- ▶ To feed domestic demand and exports, gas output is expected to quadruple over 20 years, growing at 6.7% annually
- ▶ Gas-fired stations are expected to generate 33.4% of the Australia's power by 2029-30, up from just 21.6% annually
- ▶ Prohibitive pipeline construction & transmission costs limit trans-Australian trade
 - Gas collected from each basin is principally sold into the nearest available market
- ▶ Core Energy Group forecasts that by 2025, annual demand along Australia's East coast will be approx. 1Tcf/year
- ▶ East Australia is a bilateral gas market with a number of large suppliers & customers, historically extending contracts for up to 15 years
 - From 2015, many of these contracts expire, creating an opportunity for new supply arrangements

Australia's Primary Energy Consumption, 2007-08 & 2029-30



Outlook to 2030 for the Australian Gas Market



Source: Australian Bureau of Agricultural & Resource Economics 2010



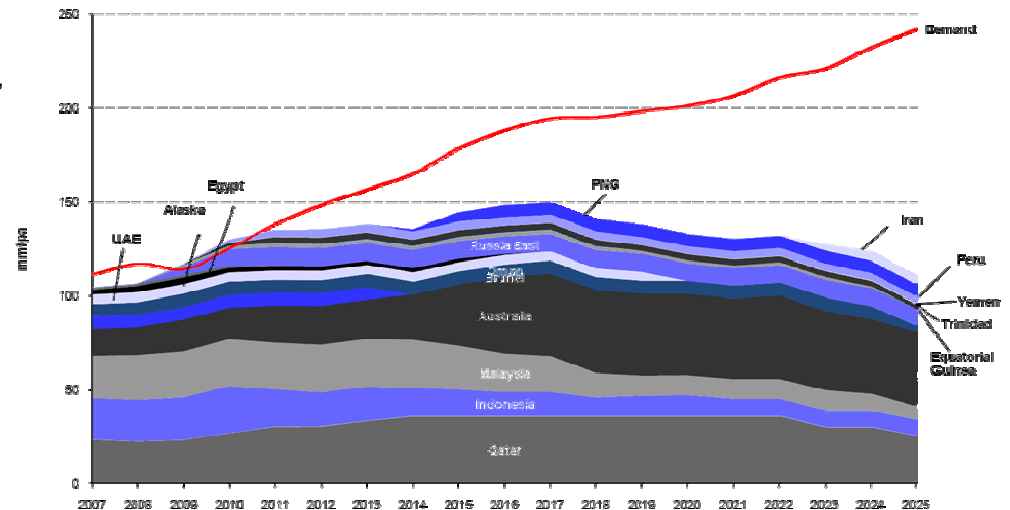
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Australia's LNG Potential

LNG Market Forecasts

- ▶ Ongoing demand for Australian LNG from Korea & Japan is likely due to heavy investment in gas-fired power generation facilities with no domestic gas sources
 - LNG accounted for one quarter of world gas trade in 2008, equal to 7 per cent of world gas consumption
 - With fewer international pipelines in the Asia Pacific region, the share of gas trade met by LNG is much higher, at 83% (around 31% of consumption)
- ▶ China & India are both key importers, with commitments to reduce green-house emissions
- ▶ Gas purchasers report difficulties in securing gas contracts extending beyond build dates for LNG facilities in 2014-15
- ▶ In Australia, prices reflect local supply & demand fundamentals, characterised by low consumption and high reserves
 - The proposed introduction of LNG exports from the East coast is set to alter this dynamic
 - Domestic gas prices are predicted to be closer linked to the International LNG market going forward

Pacific Basin Supply Forecast



Source: Australian Bureau of Agricultural & Resource Economics 2010, Wood Mackenzie, Deutsche Bank

Contributions Gratefully Acknowledged and References

Data, advice, review and technical contributions gratefully acknowledged

- Jim Dirstein - -Total Depth - Principal Geophysical Consultant PTEM survey
- Fred Kroh –Formerly Project Leader of Geophysical Processing and Data Access Project - Geoscience Australia
- Tim Berge –Geophysical Consultant -
- Deet Schumacher -Terraliance
- Dan Orange
- Fred Aminzadeh
- David Connolly
- Michael Abrams
- Professor Ron Boyd –Newcastle University
- Andrew Mayo –Macquarie Oil –
- Kriton Glenn –Geoscience Australia
- Ben Clennel , Asrar Talukder and team (CSIRO Subsurface Prediction and Description)
- Geoff O’Brien –Formerly Geoscience Australia
- Ding Gui Ming –Principal Geological Consultant
- Associate Professor Jock Keene –Sydney University
- Kevin Ruming - School of Environmental and Life Sciences University of Newcastle
- BOS
- Oil Hunters
- Bounty Oil
- RPS
- BGP
- John Cant
- Allan Williams -NPA
- Mike Rego – Aminex
- Tom Fontaine
- Fugro
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- Clem Allsworth

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