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Noosa Mining Conference 21st July 2016

Legals

Disclaimer

This presentation may contain forward looking statements that are subject to risk factors associated with the gas and energy industry. It is believed that the expectations reflected in the statements contained within are reasonable, but they may be affected by a range of variables which could cause actual results or trends to differ materially, including but not limited to price and currency fluctuations, geotechnical factors, drilling and production results, development progress, operating results, reserve estimates, legislative, fiscal and regulatory developments, economic and financial markets conditions in various countries, approvals and cost estimates.

Competent Person Statement

The estimates of Reserves and Contingent Resources have been provided by Mr John Hattner of Netherland, Sewell and Associates Inc. Mr Hattner is a full time employee of NSAI, has over 30 years of industry experience and 20 years' experience in reserve estimation, is a licensed geologist, and has consented to the use of the information presented herein. The estimates in the report by Mr Hattner have been prepared in accordance with the definitions and guidelines set forth in the 2007 Petroleum and Resource Management System (PRMS) approved by the Society of Petroleum Engineers (SPE), utilising a deterministic methodology.



Noosa July 2014



Oil giants hog gas for export project

EXCLUSIVE

MATT CHAMBERS ENERGY

Oil. giants Shell and PetroChina have refused to offer new domestic gas supply from their vast Queensland coal-seam gas reserves, warehousing all the gas for an LNG export project that is yet to be approved due to high Australian construction costs. Amid concerns of a looming

Amid concerns of a loomit east coast gas shortage, it understood the pair's Brisban based Arrow Energy joint ver ture has been approached by least two domestic major ea coast gas buyers but has been us willing to take part in the tend

process.
Instead, as it is allowed to do under state and federal government approvals, Arrow is warehousing the gas for a planned LNG export project, or collaboration with another plant at Gladstone in Queensland, at a later date when the economics are

This would better suit the scale PetroChina and Shell are chasing and justify the \$8 billion spent to date acquiring and studying the ground.

The situation where uncommitted gas reserves are unavailable for domestic use is frustrating Australian industrial east coast gas buyers, who face price increases and potential shortages next year as three other Giadstone LNG export projects, costing a combined \$70hn, start and rapidly triple Australia's east coset gas demand.

coast gas demann.

The Australian revealed in November that Arrow had been told by Shell and PetroChina that the LNG project could not compete with other global options and it needed to improve the project economics and look at potential collaboration.

It is understood that as we high costs in Australia, Arr CSG wells of which thousa



would have to be drilled to supply an LNG plant, have not performed to expectations.

as it scales back, but speculation that half the company is 1000-plus employees could go is overstated. Neither Shell nor Arrow which already supplies some domestic gas under contracts signed before Shell and Petro-China bought the company would comment on whether

According to an April 2013 release, Arrow has 9500 petajoules of proved and probable reserves, which is enough gas to supply the entire east coast market for 13 years, or a single LNG production train for about 20 years.

Manufacturing Australia executive director Ben Eade said it was frustrating that Arrow was sitting on reserves that could be developed and were not committed to export markets, but would not even consider supplying the domestic market.

"Despite having among the world's largest gas resources, we don't have them available for industry and we are being asked to pay the world's highest prices," Mr Eade said.

"We have a looming transition period (where gas supply will lag LNG plant demand in the early years) that could be devastating for Australian manufacturers." Continued on Page I7



Noosa July 2016



Gas shortage a \$100m hit to AGL

Ben Potter

AGL Energy says its 2017 gas profit will be at least \$100 million lower than last year following a \$35 million hit from costly spot purchases in the first week

of the new financial year. The company expects to be able to meet commitments to customers but its shares slid 4 per cent in early trading and closed down 2.1 per cent at \$19.90

The warning comes amid turmoil in on Thursday.

low end of the \$791-\$888 million range. Macquarie Securities analyst Ian Myles said the damage would be offset by

higher electricity prices.

Prices in the National Electricity Market are also at near record levels, and AGL increased retail prices in South Australia by 12 per cent last month. Mr Myles said renewals of corporate contracts in the coming months should support earnings.

AGL blamed interruptions to gas supply in Queensland, "other supply

wind and solar-dependent electricity

The start-up of the fifth of Queensland's six liquefied natural gas export trains has driven spot gas prices sharply higher over the past fortnight. The price hit \$29 a gigajoule in Sydney at one point - about five times usual

On Thursday, gas was trading in the short-term market at \$11.30 in Sydney, \$17.81 in Adelaide, \$15 in Brisbane and \$13 in Victoria. AGL said it expected to

Winter freeze pushes gas price to panic level

Soaring east coast gas prices due to the cold snap and rising demand from Queensland LNG projects have triggered fears among manufacturers about a Tasmanian-style energy crisis

The first prolonged period of chilly emperatures this winter stretching ong the east coast has come just after e start-up of the fifth of Queensland's LNG export trains and has driven It-term wholesale prices sharply

olesale gas prices in Sydney for lay reached almost \$29 a gigabout 60 per cent higher than

The price squeeze has raised fears bined impact of the cold and the fifth among gas buyers that they are one step away from being asked to cut back their consumption to preserve supplies for households, just as industrial electricity users had to in the recent Tasmanian hydro-power crisis.

"In a worst-case situation we would be asked to offload, and the community then has really got to make the decision do they want to keep people in work or do they want to keep their houses heated," said Brickworks managing director Lindsay Partridge, recalling just such a simation in southern California in the early 1980s.

The reason of course the price is up is because there's a shortage, so if there

LNG train starting up in Gladstone was placing "significant pressure" on shortterm domestic gas markets, just as gas buyers had been warning.

"It's not just about the spiking prices: large gas users remain concerned about the risk to their operations of gas curtailment if sudden demand spikes exceed available supply on very cold days," Mr Eade said,

Last Friday saw the first cold weather-driven demand "event", as termed by the Australian Energy Market Operator, when the spot gas price in Victoria exceeded \$20 a gigajoule for a four-hour period. Prices spiked on Wednesday in Brisbane, reaching



More studies, enquiries and regulations



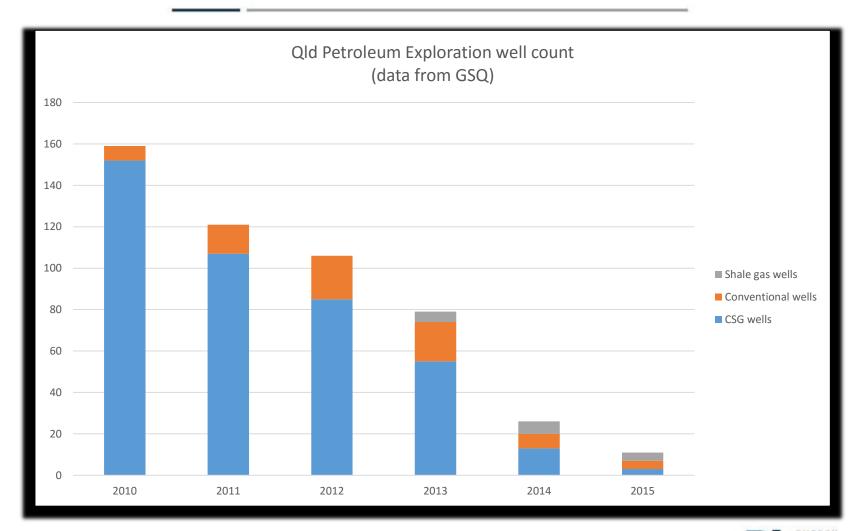
"The triple whammy of the introduction of LNG and with it exposure to international gas pricing, a fall in oil prices leading to a downturn in exploration and new development, and regulatory uncertainty and exploration moratoria, has created an increasingly complex environment for many gas market participants." Rod Sims ACCC

The report makes a number of recommendations that the COAG Energy Council and state and territory governments can consider to alleviate gas market issues, particularly for industrial users. These include:

- •Enabling new gas supply to come to market, in particular in south eastern Australia,
- •Revisiting the regulatory coverage of pipelines, increasing the ability for pipelines with market power to be regulated, and
- •The consistency and transparency of the provision of information to the market



Bingo - all fixed!





The Country's Energy Dilemma

- Natural Gas is perfect for stable low cost clean power
- Exploration for new gas resources has shut down and there is supply stress
- Cost of electricity has soared
- Totally reliant on imported liquid fuel for national transport fleet
- Security of national energy supply is not discussed seriously
- No Energy Vison for Australia
- The environment trumps provision of low cost efficient and reliable energy

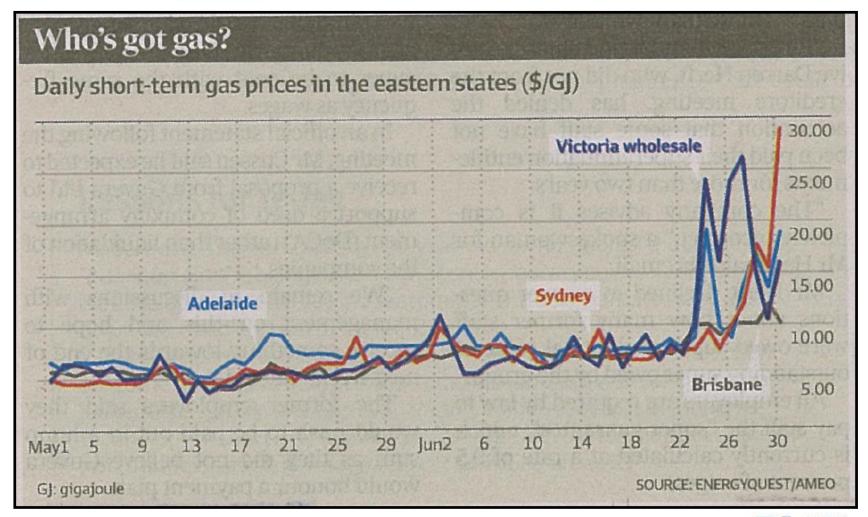


Why is there gas supply stress?

- Cold winters in the southern states
- Curtis Island LNG export ramping up to full capacity
- Stabilising the electricity grid in SA... with more states to follow
- Unplanned gas supply disruptions
- Insufficient new gas supply now and longer term
- Disconnect between reliable energy supply and environmental concerns



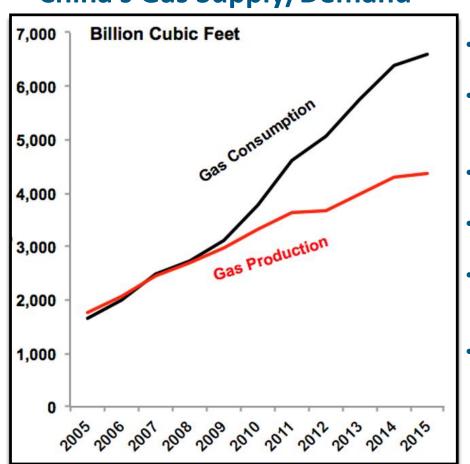
...and so the price response is...





but China gets it....it's the environment stupid!

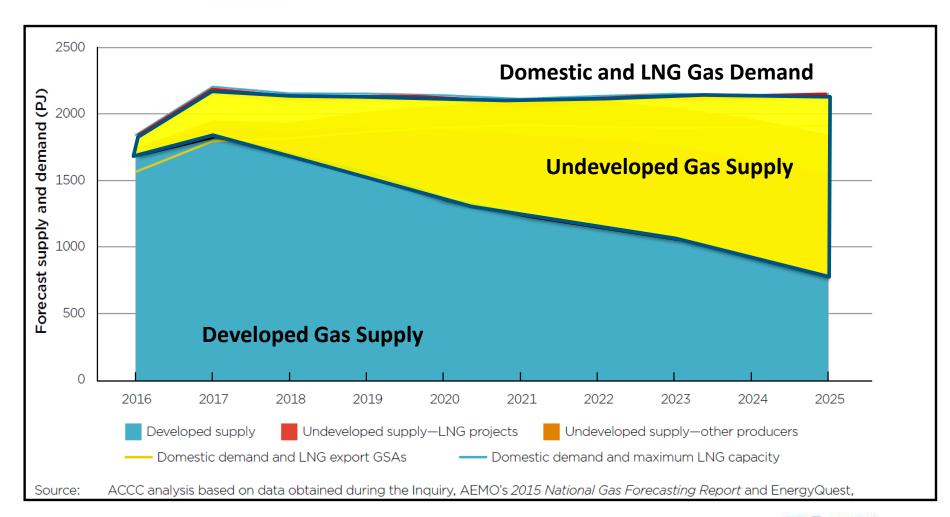
China's Gas Supply/Demand



- Air quality is the environmental issue in China
- Gas provides instantaneous energy AND cleaner air
- 10% gas use by 2020 (6% now) 10 x Curtis Islands
- World average gas use = 22% of energy mix
- Australia doesn't develop gas because of environmental issues
- China uses gas to resolve environmental issues



Australia needs more dom gas and LNG



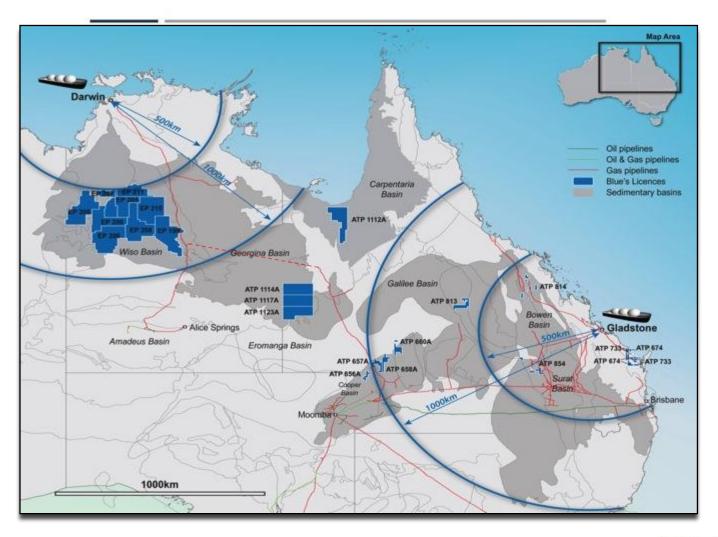


So we need more gas?

.....Blue is well positioned



The Blue Portfolio



4 TCF Total Resource Base



Corporate snapshot

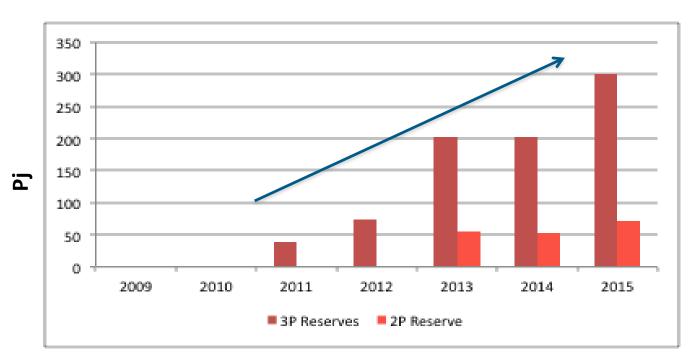
- Operatorship and 100% equity
- Control of balance sheet
- Strong and experienced Board
- Low overhead

ASX Code	BUL			
2P Reserves (NSAI)	71 PJ			
3P Reserves (NSAI)	298 PJ			
2C Contingent Resource (NSAI) 3C Contingent Resource (NSAI)	994 PJ 3,942 PJ			
Cash (30 June 2016)	\$4.6 million			
Market Cap (20 July 2016)	~\$27 million			
Net Acreage	24.1 million acres			



Gas Reserves & Resources

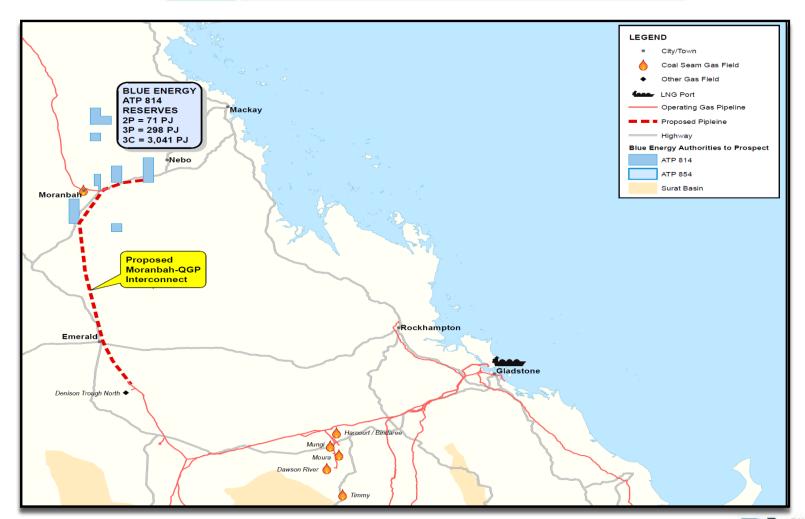
Reserves



Tier 1 certifier - Netherland, Sewell and Associates Inc 67% CAGR on resources



NEWSFLASH The missing link is a 150 km pipeline!





Talking to gas buyers

Three pronged low cost marginal producer strategy;

- Industrial gas buyers (single and/or consolidated) Domestic
- Fuel switching in the nations highest diesel use areas Domestic
- Supply to LNG demand Export



Breaking play position

Proterozoic source/shale play

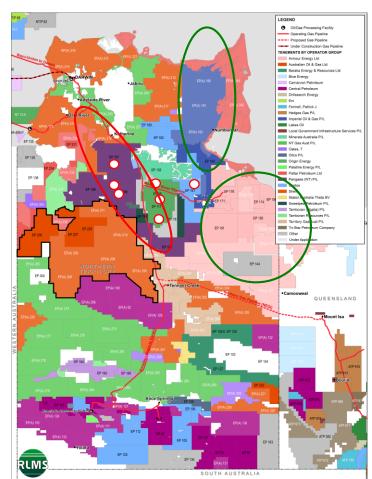
- 1.2-1.8 billion year old rocks
- World class source rocks
- Attracted Nth American players

Plays being derisked by multiple players

Infrastructure being developed

Tennant Creek – Mt Isa
pipeline

Icthyus LNG plant in Darwin

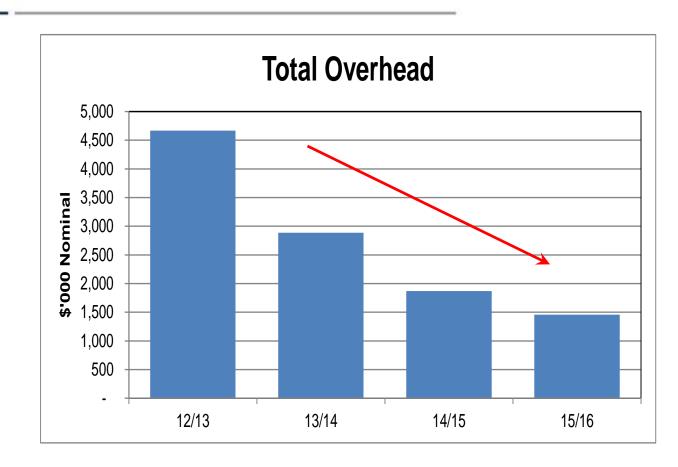


Greater McArthur Basin



Corporate run rate

- Continual line item review
- Running costs continue to be cut
- Lowest amongst peers



Shareholders funds go toward value adding



Reserves and Resources

Permit	Block	Assessment Date	Announcement Date	1P (PJ)	1C (PJ)	2P (PJ)	2C (PJ)	3P (PJ)	3C (PJ)
ATP854P		30/06/2012	19/03/2013	-	23	-	49	-	103
ATP813P		29/10/2014	30/10/2014	-	-	-	62	-	838
ATP814P	Sapphire	5/12/2015	8/12/2015	-	67	60	109	218	188
ATP814P	Central	5/12/2015	8/12/2015	-	50	12	100	76	309
ATP814P	Monslatt	5/12/2015	8/12/2015	-	-	-	626	-	2,075
ATP814P	Lancewood	5/12/2015	8/12/2015	-	5	-	23	1	439
ATP814P	South	30/06/2013	29/07/2013	-	15	-	27	7	30
Total (PJ)				-	160	72	994	301	3,982
Total (bcf)		-		-	160	72	994	301	3,982

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Summary

- East Coast gas supply crunch has started
- Traditional gas sources (Cooper, Otway and Gippsland Basins) are in decline
- Exploration onshore has ceased so where is the new gas coming from?
- Price response this winter gives a hint of the future
- Blue has gas reserves and is developing a path to market
- Blue will be low cost marginal producer
- Gas and the Environment must be considered together



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