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21 January 2013

ASX Company Announcements Office

Re: Public Announcement – Icon Energy Investor Update

Please find attached a copy of the Icon Energy investor update to be delivered on Monday 21 January 2013 together with an update on the Halifax-1 well.

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Ross Mallett Company Secretary Icon Energy Limited

# **ASX / MEDIA RELEASE**



21 January 2013

#### HALIFAX – 1 WELL UPDATE

Beach Energy **(ASX:BPT)** have completed fracture stimulation over all 14 zones in the Toolachee, Daralingie, Roseneath, Epsilon, Murteree and Patchawarra formations of the Halifax-1 well.

All zones were successfully stimulated with proppant (sand) placed in each zone.

The work conducted over the Christmas/New Year break has been performed under extreme weather conditions where ambient temperature at the well site hovered around 50 degrees centigrade.



The next operation will be to prepare the well for flow testing which is expected to commence in late January, subject to successful coil tubing and workover rig operations.

During the early stages of the flow test it is expected that a mixture of stimulation fluid and gas will be flowed. Over time the volumes of stimulation fluid will decline and stabilized gas flow rates are expected to be announced later in the 1<sup>st</sup> calendar quarter of 2013.

#### Interests in ATP 855P

Icon Energy 40%

Beach Energy 60%\*

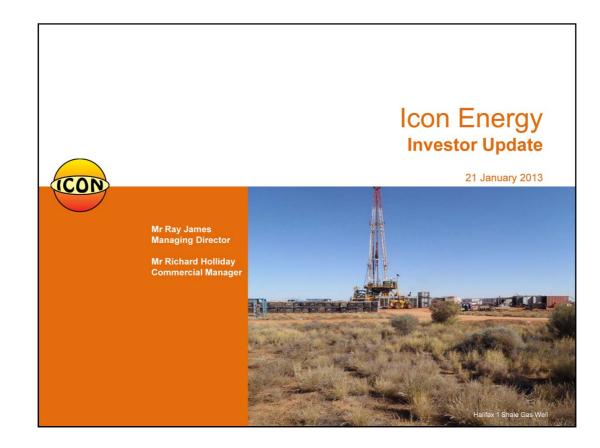
\*40% interest subject to Farmout agreement

Ends

#### Investor enquiries:

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Good morning and thank you for your time

I'm Ray James the Managing Director Icon Energy and with me is Richard Holliday Commercial Manager.

There are three things we'd like to talk about today

- Company Highlights
- Shale Gas Cooper Basin
- > Near term catalysts for Icon Energy

#### **CON** Disclosure

#### Disclaimer

This presentation may contain certain statements and projections provided by or on behalf of Icon Energy Limited (Icon) with respect to the anticipated future undertakings. These forward-looking statements reflect various assumptions by or on behalf of Icon.

Accordingly, these statements are subject to significant business, economic and competitive uncertainties and contingencies associated with the oil and gas industry which may be beyond the control of Icon 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, environmental risks, ability to meet funding requirements and share price volatility. Accordingly, there can be no assurance that such statements and projections will be realised. Icon makes no representations as to the accuracy or completeness of any such statement of projections or that any forecasts will be achieved.

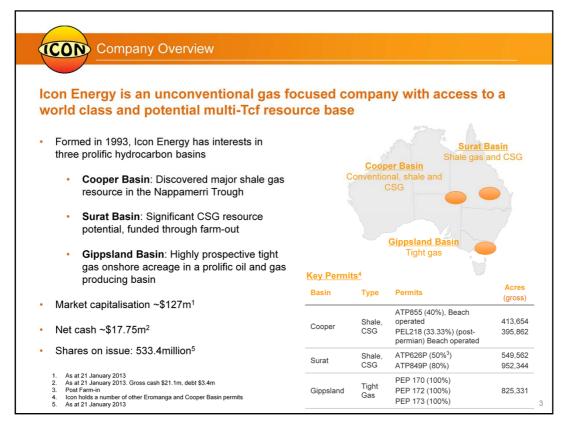
Additionally, Icon makes no representation or warranty, express or implied, in relation to, and no responsibility or liability (whether for negligence, under statute or otherwise) is or will be accepted by Icon or by any of their respective officers, directors, shareholders, partners, employees, or advisers as to or in relation to the accuracy or completeness of the information, statements, opinions or matters (express or implied) arising out of, contained in or derived from this presentation or any omission from this presentation or of any other written or oral information, Icon undertakes no obligation to provide any additional or updated information whether as a result of new information, future events or results or otherwise.

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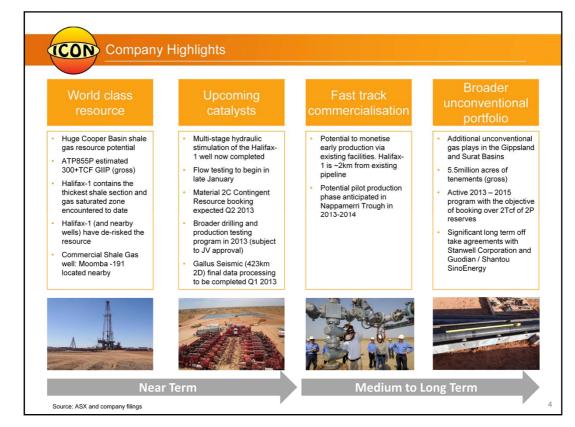
All references to dollars, cents, or \$ in this document are to Australian currency, unless otherwise stated.

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- Cooper Basin is potentially a world class shale gas asset and the most advanced shale province in Australia
- Icon has a Market Capitalisation of A\$127 million and we are well funded with A\$17.75 million cash available
- We hold over five and a half million acres of prospective tenements in Australia including some 800,000 acres in the Nappamerri Trough in the Cooper Basin
- And over 825,000 acres in the Gippsland Basin in Victoria place us at the centre of future unconventional gas exploration.
- The EIA Energy Information Administration's (EIA) world energy report indicated some 342 TCF and of this, 85TCF of recoverable gas in located in the Cooper Basin, I'll talk more about this later.



### World class resource

- The Australian gas industry is developing what could be, a world scale Shale Gas discovery in the Cooper Basin which straddles the Queensland and South Australian borders
- > This could potentially be a resource for hundreds of years

#### Upcoming catalysts

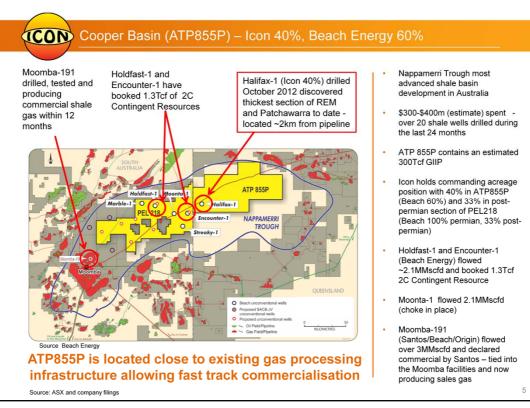
- Halifax-1 shale gas well is the largest saturated gas column drilled to date in Australia (1300 metres)
- The thickest REM, thick Patchawarra Formations all over pressured and more on this a little later
- 14 stage Hydraulic Stimulation of Halifax-1 now completed; and over 700 hydraulic stimulations in Cooper Basin have been completed
- Flow testing in late January 2013

#### Fast track commercialisation

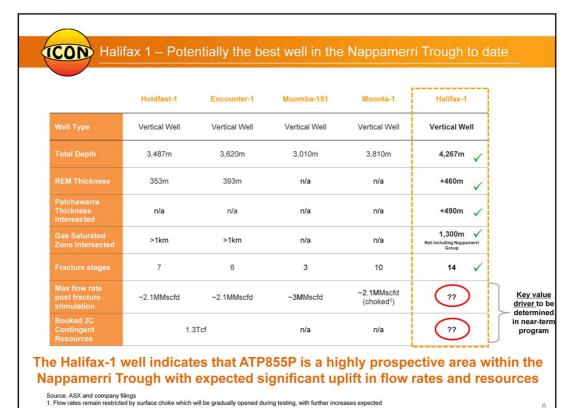
- Every well drilled continues to de-risk this shale play
- Moomba-191; 1<sup>st</sup> commercial shale gas well located near by to Halifax-1

### Broader portfolio

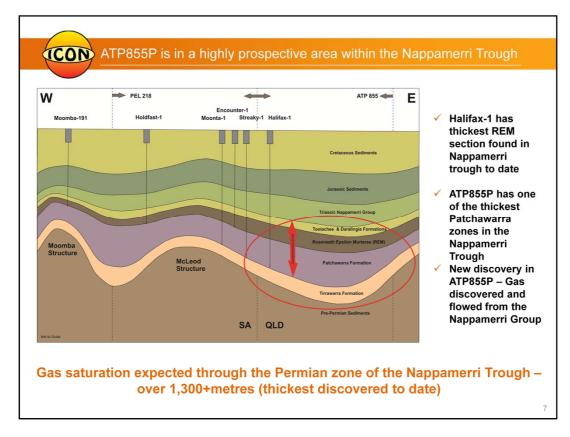
- Cooper, Surat, Gippsland Basins
- We are focussed on developing over 2Tcf 2P reserves in the short to medium term



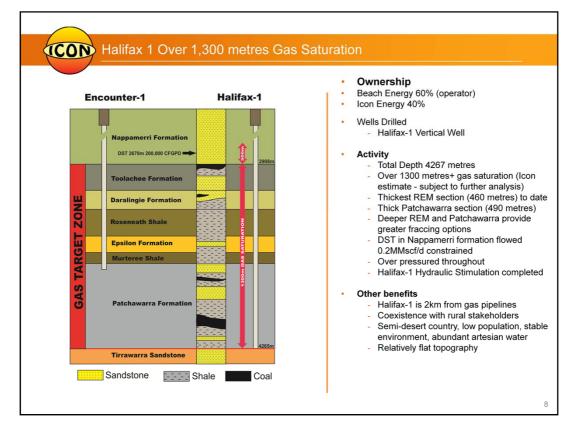
- In July, Reg Nelson MD Beach Energy said " there is little reason why the 300TCF plus gas in place in PEL 218, can not be replicated in ATP 855P"
- In October David Knox MD and CEO Santos said, "Shale gas has the potential to change the gas industry for ever"
- Shale Gas has already delivered contingent resources and Beach Energy expect to upgrade this to reserves in Q1 2013
- Capital expenditure on unconventional gas is well over \$1B (Santos \$800m over 10 years alone)
- Beach Energy drilling 11 unconventional wells, including 4 horizontal and 10 hydraulic stimulations November 2012- October 2013. Flow testing Q1 2013
- Moonta-1 has encouraging flow rates >2.1MMscf/d (choke in place) (Beach Energy) revised to 1.6MMscfd with a 1.5 inch choke
- > The tenement is adjacent to excellent gas infrastructure
- Moomba-191 (Santos, Beach & Origin Energy) commercial within 12 months 3.0MMscf/d
- Very encouraging results Halifax-1; "Reg Nelson, Managing Director of Beach, said: "The Halifax-1 well has delivered what appears to be another sizeable gas saturated section through the Permian zone of the Nappamerri Trough. Each well from this point forward will push this unconventional exploration play closer to the pilot production phase, which is anticipated in 2013."



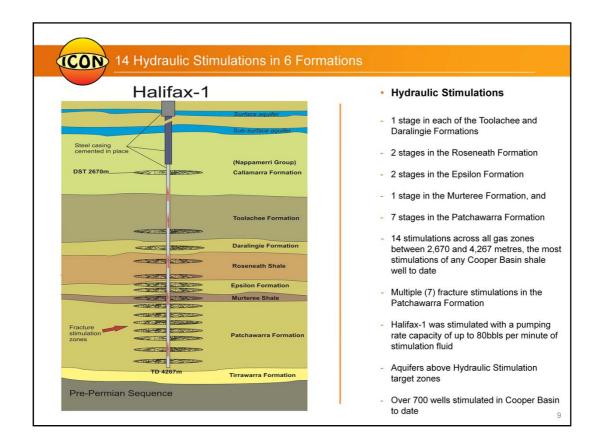
- Halifax-1 compares favourably to other nearby wells drilled in the Nappamerri Trough. We believe the results so far at Halifax-1 could imply higher gas yields and potential higher gas flow rates
- Halifax-1 flowed gas at 200,000 scf/d constrained from Nappamerri Group. I will come back to this later in relation to our interest in the post permian section, in tenement PEL 218
- Over 1300m+ gas saturation in Halifax-1 compared to 1000 + metres in Moonta-1(PEL 218) The thickest gas saturation to date
- Thickest REM 460 metres, nearly 20% thicker than Encounter-1
- > Thick Patchawarra over 490 metres
- Four horizontal wells to be drilled and stimulated in PEL 218 in 2013 (Beach Energy)
- > Halifax-1; 14 stage hydraulic stimulation now completed
- > Moonta; 9 stimulations in Patchawarra, 1 in Murteree Formation



- Gas saturation zone of 1300 metres plus (significantly thicker than wells in PEL 218)
- > Over pressured zones in Halifax-1 assist flow rates
- > Deeper formations allow for greater hydraulic stimulation options
- Latest technology and increased horsepower was applied by Halliburton who undertook the hydraulic stimulation of Halifax -1



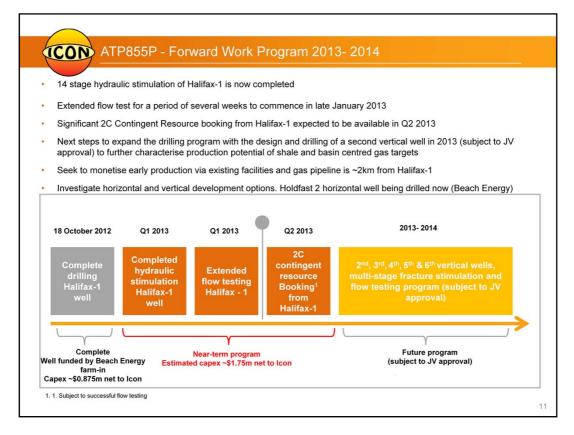
- This diagram shows the direct comparison of Halifax-1 showing a greater gas saturation zone when compared to Encounter-1 in PEL 218
- We must remember, Halifax -1 is the first well to be drilled in over 740,000 acres in ATP 855P
- I previously mentioned, the gas discovery in the Nappamerri Formation at around 2200 metres
- This was indeed an unexpected bonus, the Drill Stem Test at 2663m to 2681m flowed a constrained 200,000scf/d. Icon Energy also have a 33% interest in the Post Permian section of PEL 218 and we believe this gas discovery may in fact be contiguous across both tenements
- If the flow rates in the Triassic sediments above the primary objective in the Permian sediment prove to be commercial, then this may change the economics in ATP 855P; shallower wells = cheaper wells
- > It's a cost of well v production volume



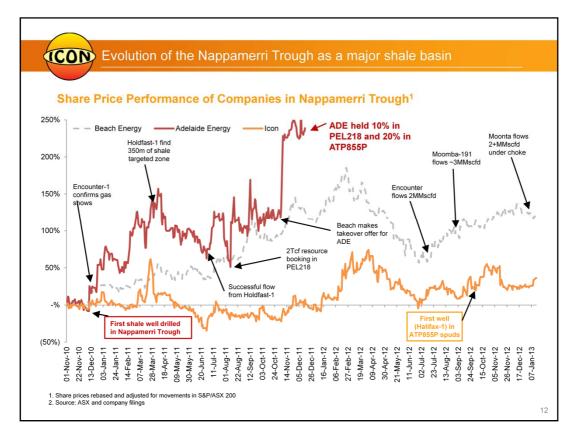
- > Hydraulic stimulation of Halifax 1 is now completed.
- > 14 stages were stimulated including 7 in the Patchawarra
- Flow testing will commence in late January 2013, which we are very excited about and we can't wait to be on site to witness the first flows of gas
- This is the most hydraulic stimulations (14) of a well in the Nappamerri Trough to date
- Further Halifax -1 was stimulated with up to the equal highest pumping rate of 80bbls of stimulation fluid per minute



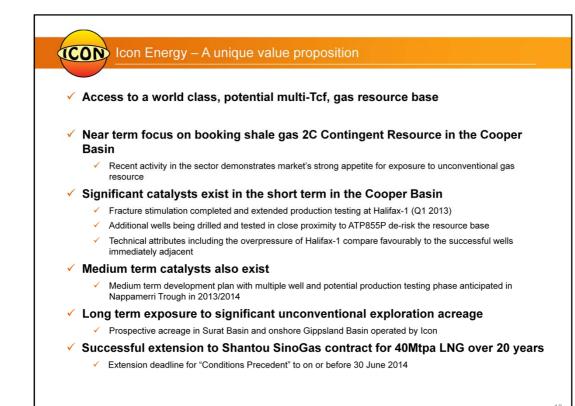
- Selection of images from the Halifax-1 site during the hydraulic stimulation
- The Cooper Basin is an arid part of Central Australia, abundant artesian water and high temperatures (50c plus in January)
- > Minimal pastoral activity, non agricultural
- > Good relations with landholders and Indigenous Australians
- Excellent gas infrastructure and a large investment has been made in flood proofing critical infrastructure and access roads



- > Beach Energy stimulating Moonta-1, Streaky-1, & Halifax-1
- Flow test Halifax-1 in February 2013
- > 2C resource expected to be booked in Q2 2013
- > Beach Energy expected to upgrade resources to reserves in 2013
- > Early monetisation of gas via adjacent infrastructure
- Holdfast-2 is a 3000m vertical and 1600 horizontal well currently being drilled by Beach Energy in PEL 218
- The joint venture will be drilling 5 wells in ATP 855P in 2013-2014 to meet the tenement commitment
- > These activities further de-risk unconventional gas exploration



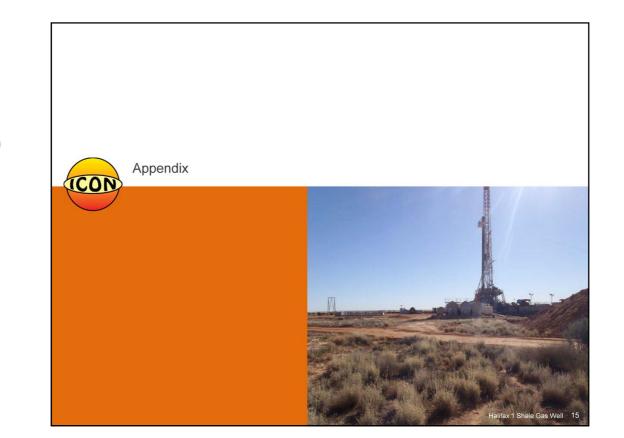
- Clearly the companies with assets in the Cooper Basin and more particularly, unconventional gas opportunities have performed well in the market
- Exploration success including drilling, hydraulic stimulation and flow testing activities and booking contingent resources have driven share prices higher
- Beach Energy has been the leader in unconventional gas and has seen the benefits in share price appreciation
- Adelaide Energy potential (unconventional assets) was realised by Beach Energy
- We believe the hydraulic stimulation and successful flow testing of Halifax
   -1 will provide a real near term catalyst for Icon Energy

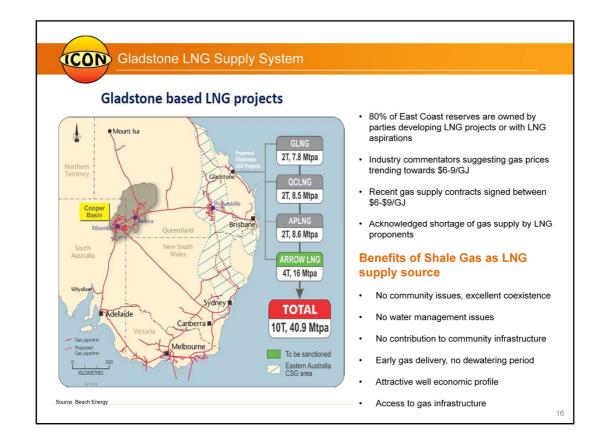


- Nappamerri Tough is a potential word class gas asset and the most advanced shale province in Australia
- Unprecedented interest in Australia's unconventional gas program by media and international E&P companies
- Gas shortages have focussed attention on alternate gas supply options from the Cooper Basin
- Community backlash in NSW and in the Surat Basin in QLD have made land access difficult, more expensive and it takes far longer to reach landholder agreement
- CSG production profile less than initially expected
- Asian LNG demand growing
- Halifax 1's gas discovery is a potential company maker for Icon Energy, it may reposition us from explorer to producer with exciting near term market catalysts



> Thank you for your time today, it is greatly appreciated.

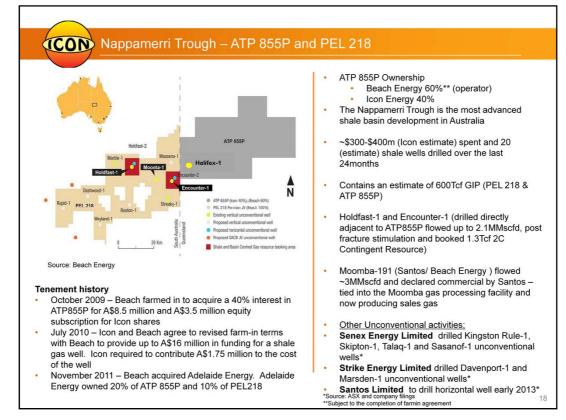




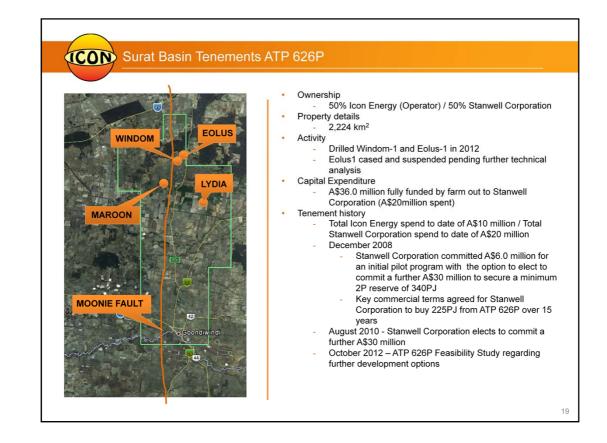
- > A\$60 billion of CAPEX 3 LNG plants
- Additional plant awaiting FID (Arrow/Shell)
- Domestic gas prices increasing
- Supply opportunities
- > 3<sup>rd</sup> train = greatly enhanced profitability
- > Shale Gas is very attractive moving forward post 2014-15
- Gladstone will be a world leader in LNG exports

|             | Beach /<br>Adelaide<br>Energy   | BG / Drillsearch  | Statoil /<br>Petrofrontier   | ConocoPhillips<br>/ NSE  |  |
|-------------|---|---|--|--|--|
| Date        | November 2011   | July 2011   | June 2012  | April 2011   | Hess /<br>Mitsubishi / Buru Falcon                       |
| Key Terms   | <ul> <li>On-market<br/>takeover of<br/>Adelaide<br/>Energy</li> <li>This offer, a<br/>52% premium<br/>to the 30 day</li> <li>VWAP <u>valued</u><br/><u>Adelaide</u><br/><u>Energy at</u><br/><u>\$94m</u></li> <li>Adelaide<br/>energy held<br/>10% of<br/>PEL218 and<br/>20% in<br/>ATP855P</li> </ul> | <ul> <li>60% and<br/>operatorship<br/>right, 5 year,<br/>\$130m, 3 stage<br/>program</li> <li>BG funds<br/>\$90m of the<br/>first \$100m</li> <li>\$2.5m paid for<br/>sunk costs</li> <li>Option for<br/>9.9% of DLS</li> </ul> | <ul> <li>65% and<br/>operatorship</li> <li>Statoil to fund<br/>up to US\$210<br/>million over<br/>three phases</li> <li>Assets located<br/>in Southern<br/>Georgina Basin</li> </ul> | <ul> <li>75% interest<br/>operatorship<br/>right</li> <li>ConocoPhillips<br/>to fund<br/>\$109.5m over</li> <li>4 phases</li> <li>\$1m paid in<br/>sunk costs</li> </ul> | ConocoPhillips /<br>NSE<br>Beach /<br>Adelaide<br>BG/DLS |
| Acres (net) | 1.2 million   | 0.6 million   | 8.25million  | 11.0 million   | Source: ASX and company filings                          |

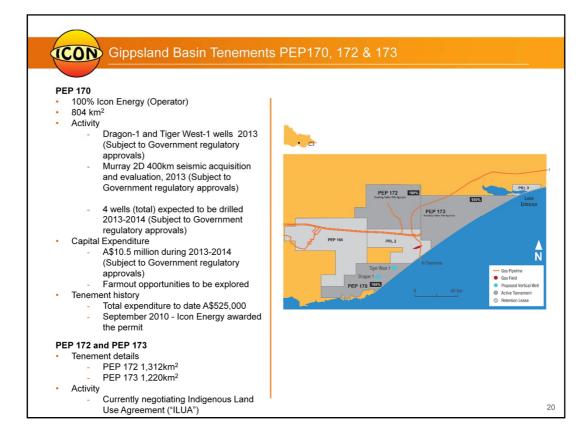
- > 5 to 10 years ago the buzz was CSG, then CSG to LNG
- > Now its Shale Gas, "The Australian Shale Gale"
- The interest in unconventional gas and acquisitions in Australia is at unprecedented levels
- CSG was an early adopters scenario, those who got in early, did so at moderate to low entry prices
- Today, I view Shale Gas as a medium adopter, reduced risk opportunity at higher/and or escalating entry prices
- Farmin's and acquisitions; Drillsearch/BG, Petro Frontier/Statoil, New Standard Energy (NSE)/Conoco Phillips. Drillsearch takeover of Acer Energy
- > Escalating share prices of Cooper Basin companies
- > Entrance of new E&P's to Australia; Statoil, who's next?



- > Significant investment in unconventional gas
- > Early flow rates from Holdfast 1, 2MMscfd post fracture stimulation
- Moomba 191 commercial in October 2012
- This is a very encouraging for Shale Gas exploration in the Cooper Basin
- Ideally located adjacent to gas infrastructure
- Access to gas markets in 4 of Australia's largest 5 cities
- Well understood geology
- Gas is dry
- Nappamerri is over pressured which aids flow rates
- Source rocks are rich in Hydrocarbons producing organic matter
- Abundant artesian water supplies are available for fraccing
- Clay content low similar to Haynesville and Barnett
- Santos, Strike, Senex active in unconventional exploration, successful program thus far



We have a signed gas contract with Stanwell Corporation a Government Owned entity for 225 PJ of gas per year for 15 years



## ESTIMATED CONTINGENT RESOURCES

We have previously advised that an independent technical assessment by Gaffney, Cline & Associates confirms Lakes Oil's view that the Wombat gas field is a highly prospective hydrocarbon resource (*See attached tables*).

| Estimates of Gas-in-Place |            |  |
|---------------------------|------------|--|
| Wombat                    | 787 Bscf   |  |
| Gangell, Trifon, Seaspray | 922 Bscf   |  |
| Total Gas-in-Place        | 1,709 Bscf |  |

|           | Raymond James<br>Managing Director<br>Kevin Jih<br>Chief Financial | <ul> <li>BSc (Physics, Maths, Geology) University of NSW, FAICD, FAIM</li> <li>Founded Icon Energy in 1993</li> <li>Previous experience with leading E&amp;Ps – Chevron, Gulf Oil and Omega Oil</li> <li>Certified Practising Accountant ("CPA"), MBA, MAACC, PhD (Accounting)</li> <li>Fluent Mandarin/ English</li> </ul> |
|-----------|--|---|
|           | Officer  | <ul> <li>Previous experience with Tai-Chern Enterprise, Hong Yang Lease Finance, MYC Gro<br/>Hualien Commercial Bank</li> </ul>   |
| E.        | Richard Holliday<br>Commercial Manager                             | <ul> <li>30 years experience working with Government, Communities and Media</li> <li>Previously employed by Santos/GLNG as Manager Media and Communications</li> <li>Strong commercial background across many sectors within the economy</li> </ul>   |
| - Charles | <b>Jim Carr</b><br>Operations Manager                              | <ul> <li>Petroleum Engineer BE (Honours in Mechanical Engineering) University of Adelaide<br/>30 years experience in petroleum engineering having worked for Santos, Blade Ener<br/>Partners, RasGas, Shell, ConocoPhillips, Lakes Oil and Geodynamics</li> </ul>   |
| (Le)      | Ross Mallett<br>Company Secretary<br>and Legal Counsel             | <ul> <li>Lawyer and Company Secretary JD, BBus, GDLP, FCIS, FCPA, MAICD</li> <li>Former Company Secretary, Elders, BHP Billiton, WMC &amp; CRA</li> </ul>   |

Our management team is highly experienced, focussed and committed to our strategy of proving up reserves within our tenements

| ICON       | Icon Energy's           | Board of Directors  |
|------------|-------------------------|---|
|            | Stephen Barry           | LLB University of Sydney, FAICD   |
|            | Chairman &              | Director since 1993   |
|            | Non Executive Director  | Partner in legal practice CKB partners.   |
|            | Raymond James           | <ul> <li>BSc (Physics, Maths, Geology) University of NSW, FAICD, FAIM</li> </ul>                              |
| Contractor | Managing Director       | Founded Icon Energy in 1993   |
| N.         |                         | <ul> <li>Previous experience with leading E&amp;Ps – Chevron, Gulf Oil and Omega Oil</li> </ul>               |
|            | Kevin Jih               | <ul> <li>Certified Practising Accountant ("CPA"), MBA, MACC, PhD (Accounting)</li> </ul>                      |
| (mill      | Executive Director &    | Fluent Mandarin, English  |
|            | Chief Financial Officer | Previous experience with Tai-Chern Enterprise, Hong Yang Lease Finance, MYC<br>Group, Hualien Commercial Bank |
| -          | Dr Keith Hilless AM     | AM, BE (Elec) Qld, DUniv QUT, FIE Aust, FAIM, MAICD   |
| 1 mg et    | Non Executive Director  | Former Chair of Zero Gen  |
|            |                         | Former Queensland Electricity Commissioner  |
|            |                         | Past Chairman Ergon Energy (QLD)  |
|            | Howard Lu               | Joined the Board in January 2011  |
| 25         | Non Executive Director  | Executive Chairman Shin Zu Shing Precision and a number of other entities in China                            |
|            |                         | Mr Lu has residences in both Australia and China  |
| 0          | Derek Murphy            | BA, LLB (UQ), LLM (Lond), FAIM, FAICD, FHKloD, SF Fin   |
|            | Non Executive Director  | Former Crown Counsel; Deputy Commissioner for Securities and Commodities                                      |
|            |                         | Trading in Hong Kong  |
|            |                         | <ul> <li>Former Managing Director of what is now HSBC Asset Management</li> </ul>                             |
|            |                         |   |

We have a solid mix of experience on our board including former Deputy Commissioner of Securities and Commodities Trading in Hong Kong, a partner in a prominent Sydney legal firm and Mr. Lu who has impressive connections within all levels of Government in China