



Icon Energy Limited

Roadshow Perth
4th April 2012

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About Icon Energy

- Oil and gas production and exploration company.
- Formed in 1993 and listed on the ASX in 1997
- 469,301,235 shares on issue on the ASX
- Interests in the Surat, Cooper and Gippsland basins
- LNG sales Agreement with Shantou SinoEnergy for 40 million tonnes of LNG over 20 years
- Gas sales agreement with Stanwell Corporation for 225 PJ gas over 15 years
- Current focus is to achieve 2TCF of 2P reserves by March 2013



Company Overview

ASX Code :	ICN
➤ Ordinary Shares:	469,301,394
➤ Market Cap (A\$0.30):	\$140million
➤ Share Price (12mths):	A\$0.12 – A\$0.30



Share Prices and Volume

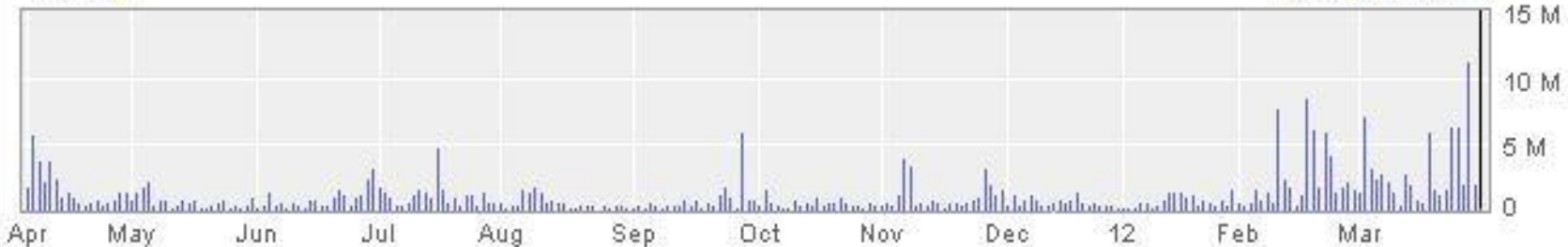
Historical Chart of ICON

Timeframe: 30/03/2011 to 30/03/2012

Date **30/03/2012** Open **0.29** High **0.305** Low **0.29** Close **0.3**

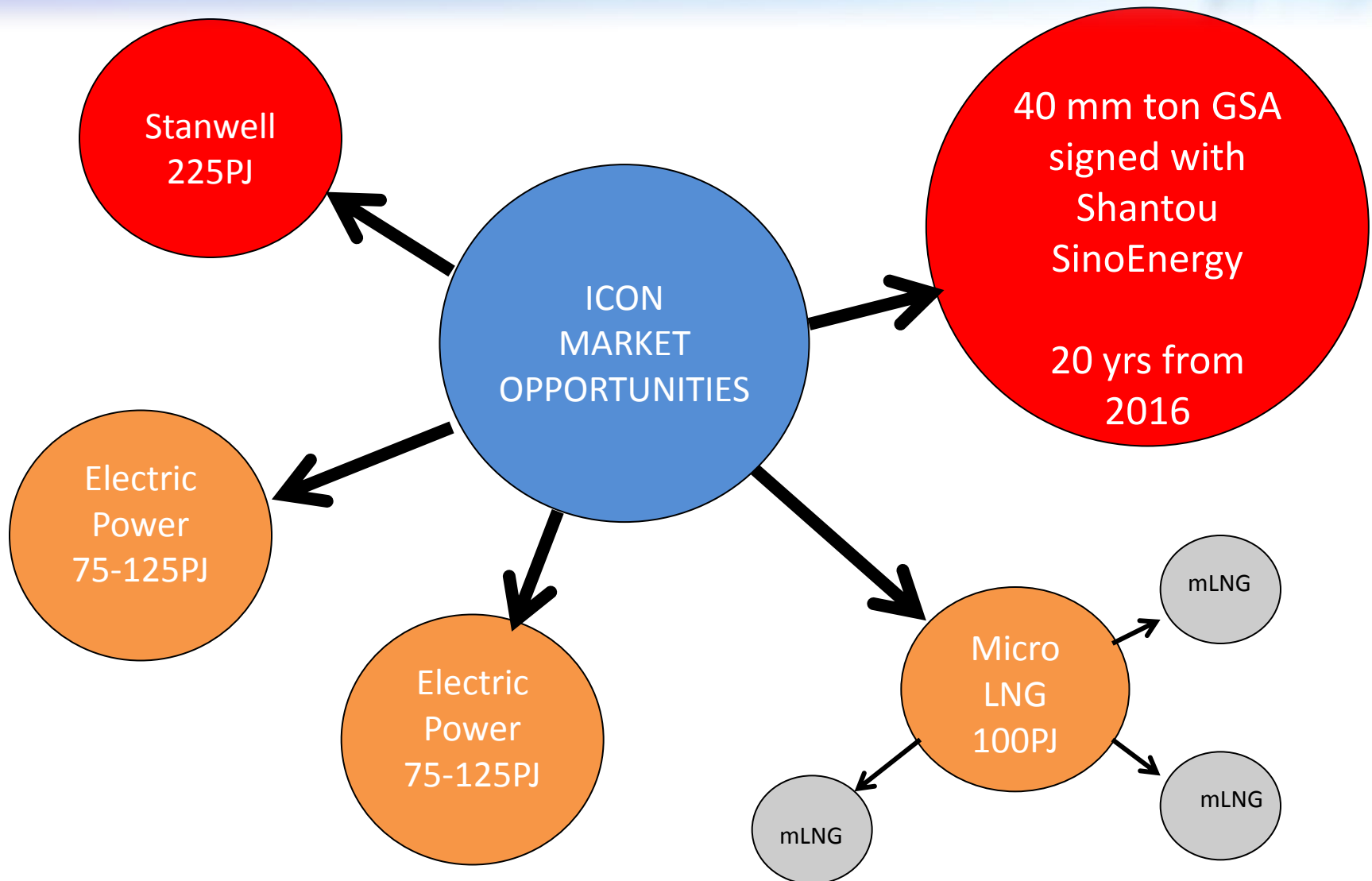


Volume ■ Volume **9,395,900**



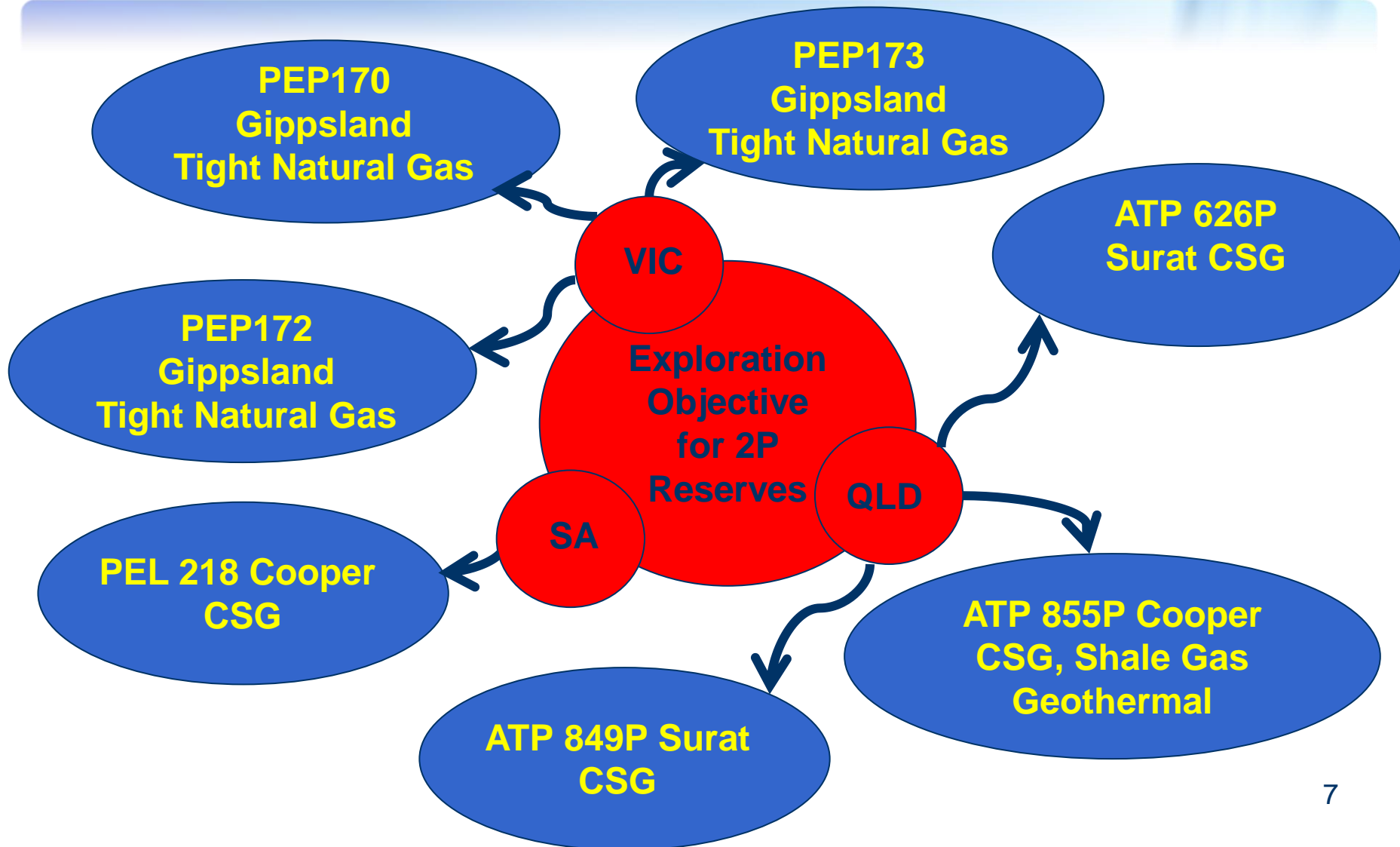


Icon's Market Strategy





Icon Strategy for Gas Reserves





Financials 31st December 2011

	31st December 2011
CURRENT ASSETS	
Cash and cash equivalents	14,049,147
Trade and other receivables	225,353
TOTAL CURRENT ASSETS	14,274,500
NON-CURRENT ASSETS	
Property, plant, and equipment	5,863,155
Financial Assets	572,500
Other non-current assets	15,945,489
TOTAL NON-CURRENT ASSETS	22,381,144
TOTAL ASSETS	36,655,644
CURRENT LIABILITIES	
Trade and other payables	951,215
Short-term borrowings	3,491,065
Short-term provisions	598,432
TOTAL CURRENT LIABILITIES	5,040,712
NON-CURRENT LIABILITIES	
Long-term borrowings	66,689
Long-term provisions	207,120
TOTAL NON-CURRENT LIABILITIES	273,809
TOTAL LIABILITIES	5,314,521
NET ASSETS	31,341,123
EQUITY	
Issued capital	70,463,292
Reserves	(2,242,331)
Accumulated losses	(36,879,838)
TOTAL EQUITY	31,341,123



Investors

Top 20 Shareholders 20th March 2012

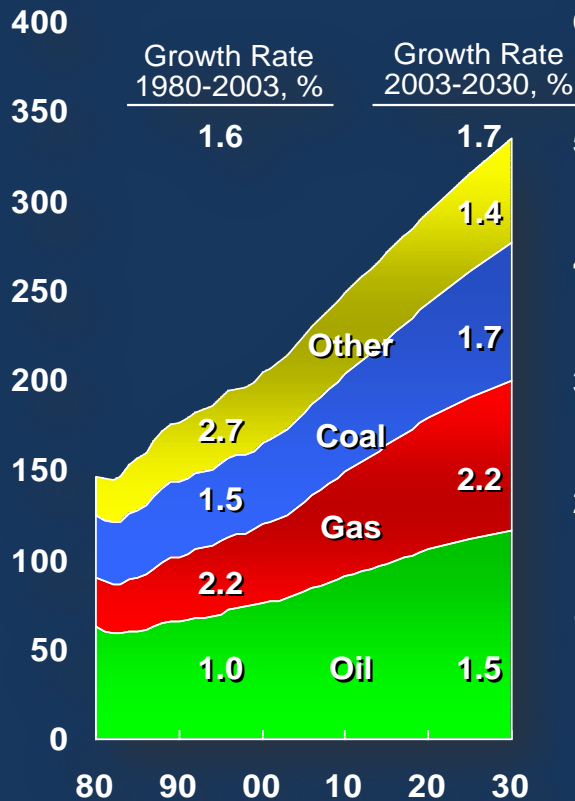
Rank	Name	Units	% of Units
1	MERRILL LYNCH (AUSTRALIA) NOMINEES PTY LIMITED	27,091,246	5.77
2	RAY JAMES	21,143,925	4.51
3	HOWARD LU	16,000,000	3.41
4	JP MORGAN NOMINEES AUSTRALIA LIMITED	15,039,022	3.2
5	TAIWAN FRUCTOSE CO LTD	9,000,000	1.92
6	MRS DIANNE BETH BALDWIN	6,809,600	1.45
7	MR CHIEN HUA LEE	4,500,000	0.96
8	HSBC CUSTODY NOMINEES (AUSTRALIA) LIMITED	4,239,725	0.9
9	MR CHRISTOPHER JOHN MARTIN	3,800,036	0.81
10	CITICORP NOMINEES PTY LIMITED	3,287,779	0.7
11	MR DANIEL JOSEPH RAYMOND O'SULLIVAN	2,733,530	0.58
12	LOCHIEL ENTERPRISES PTY LTD	2,619,000	0.56
13	J P MORGAN NOMINEES AUSTRALIA LIMITED	2,468,759	0.53
14	BROWNWARD PTY LTD	2,249,000	0.48
15	WILLIAM DOUGLAS GOODFELLOW	2,050,000	0.44
16	MR TIMOTHY ALLEN KENNEDY + MRS GLENDA KAY KENNEDY	2,025,825	0.43
17	MR MIN-CHUNG WU + MS SHUN-I CHEN	2,020,000	0.43
18	IAN PETHERBRIDGE RETIREMENT FUND PTY LTD	2,000,000	0.43
19	REYNOLDS (NOMINEES) PTY LIMITED	2,000,000	0.43
20	MR DAVID COVENEY	1,820,000	0.39
Totals:		132,897,447	28.32



Oil and Gas remain as Primary Sources

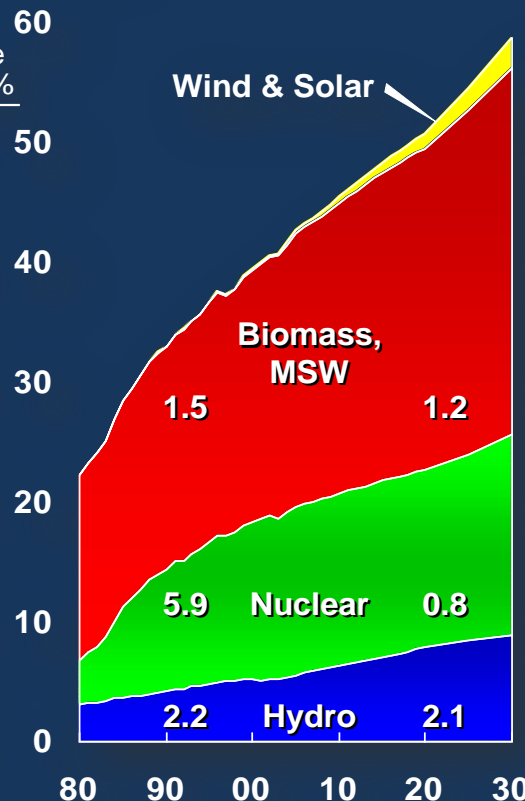
Total Energy

MBDOE



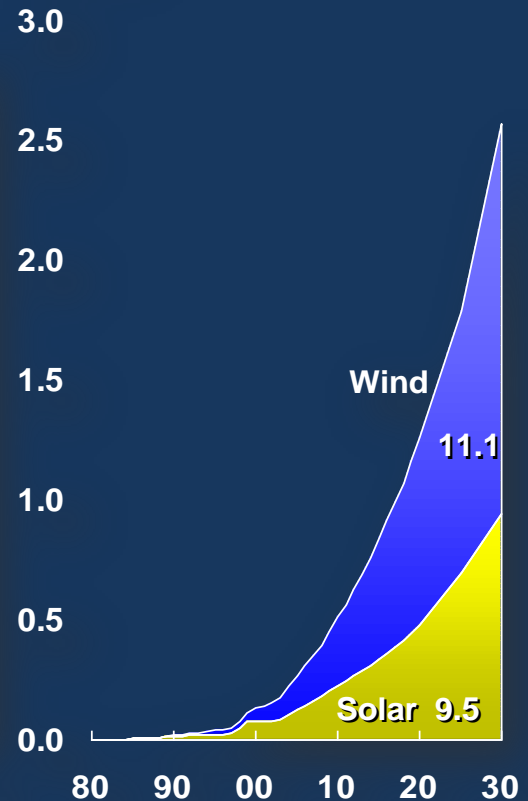
Other Energy

MBDOE



Wind & Solar

MBDOE

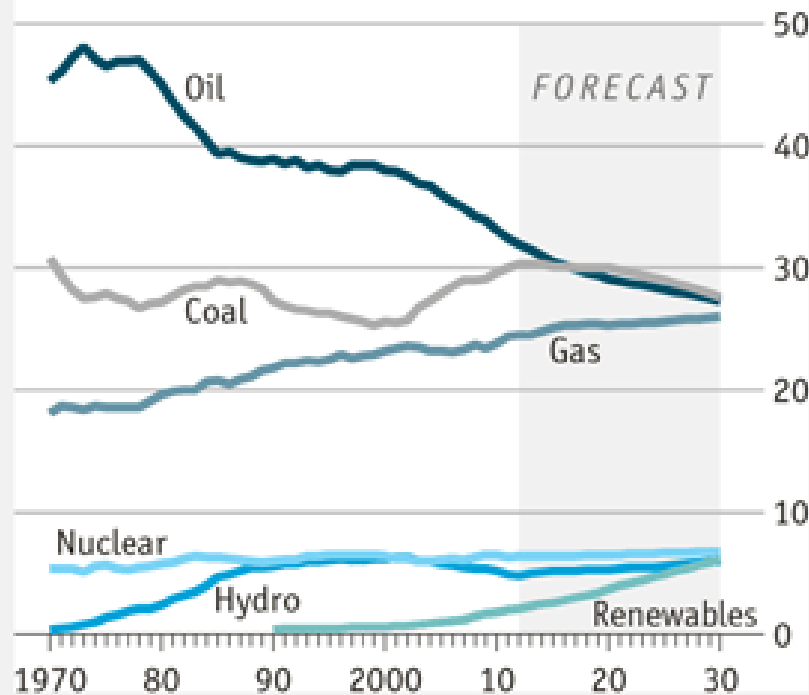




Energy Trends

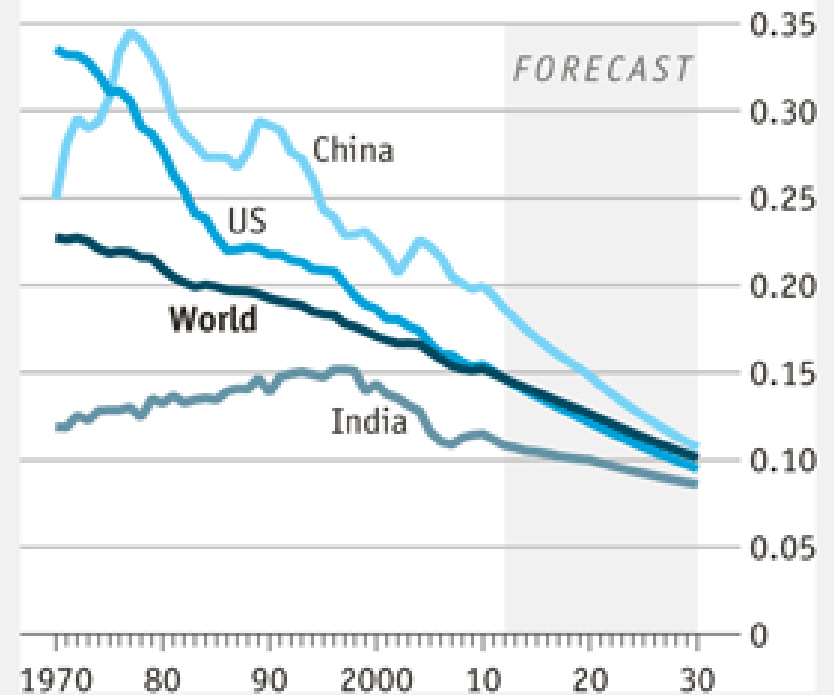
Energy use

Worldwide primary energy share, %



Source: BP Energy Outlook 2030

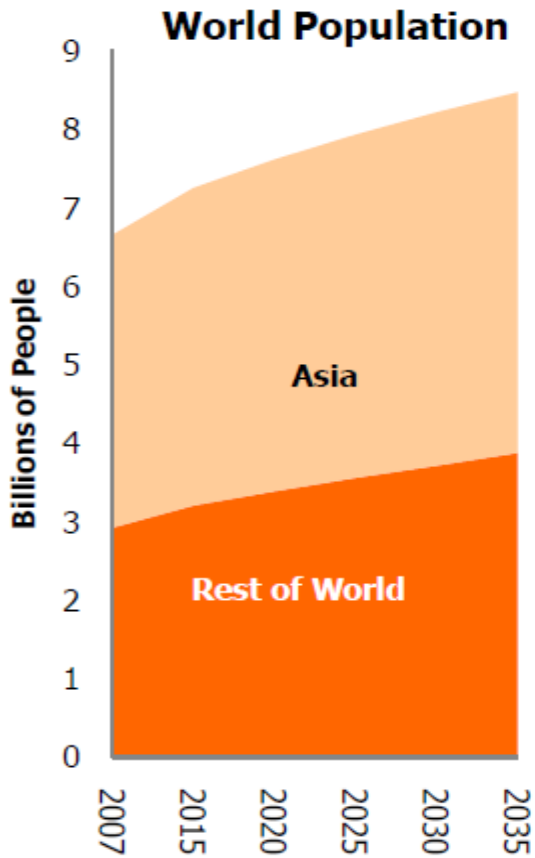
Toe* per \$'000 of GDP, 2010 prices



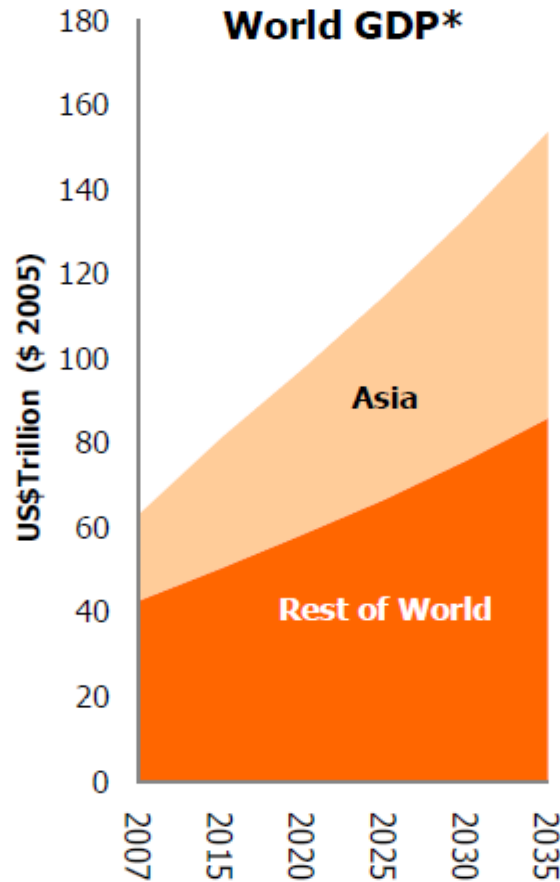
*Tonne of oil equivalent



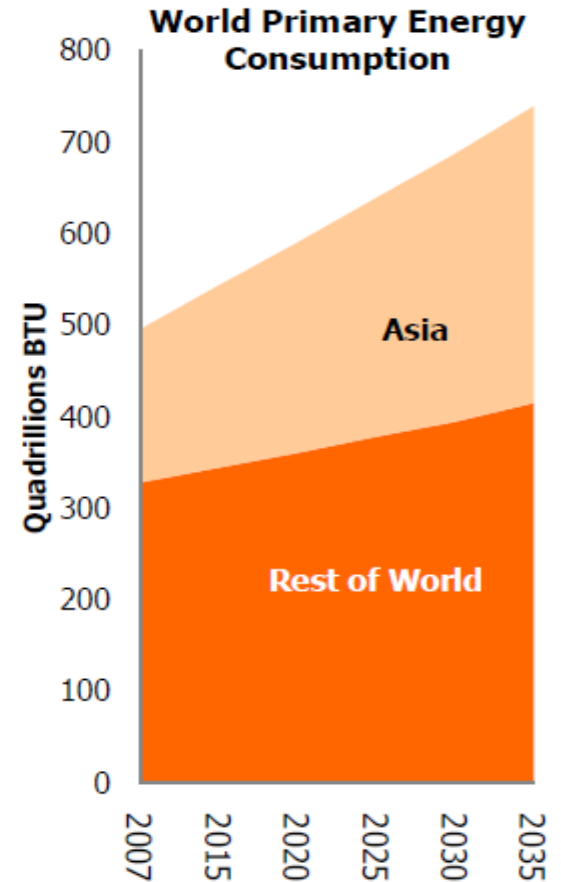
Asia is the Growth Engine



Asia 48% of population growth



52% of GDP growth



64% of primary energy growth



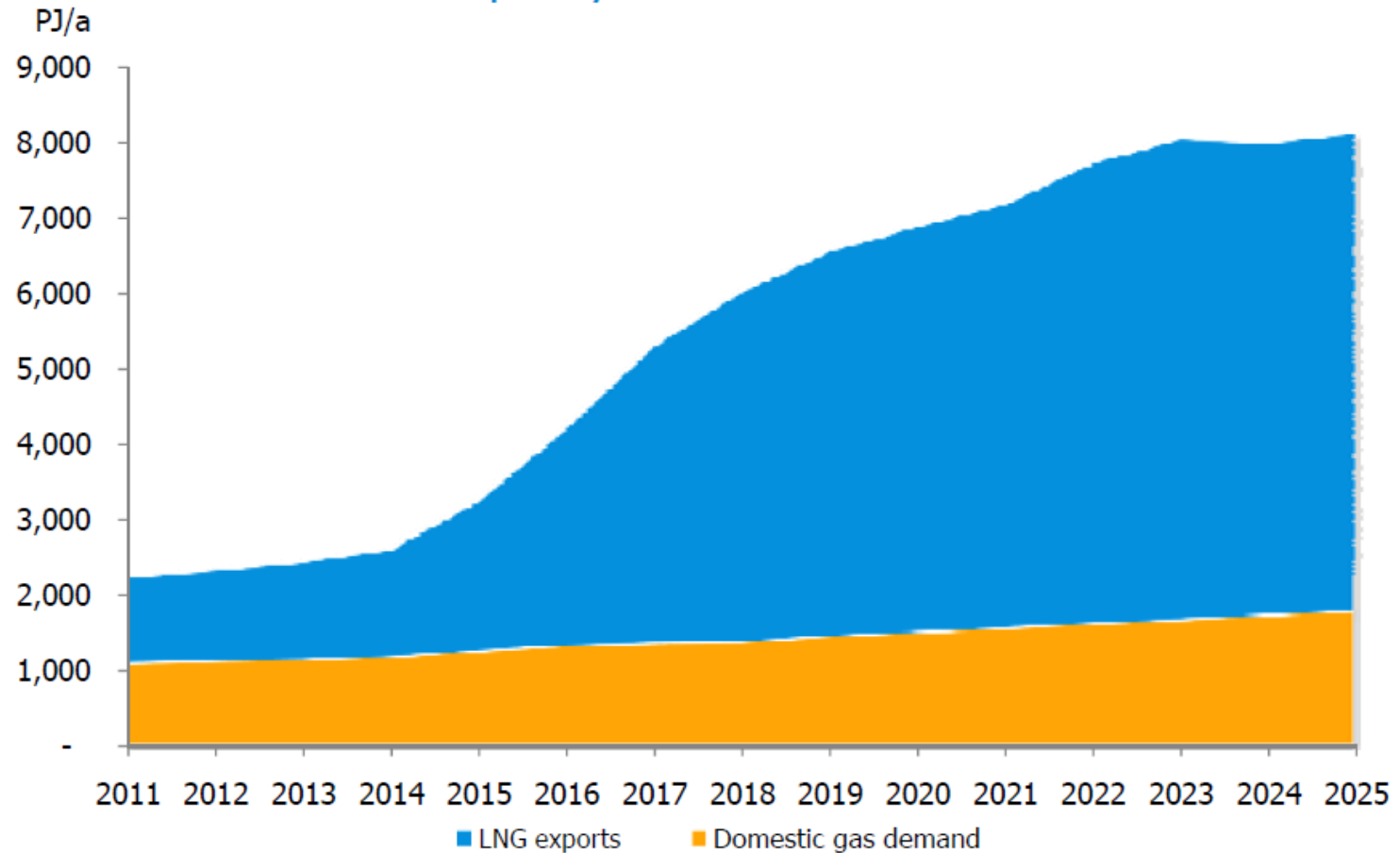
The Growing Market

- Energy demand growth +39% by 2030
- Non OECD will account for 96% of growth
- USA self sufficient by 2030 Oil/Gas
- Gas will contribute 31% of global energy growth



Strong demand for gas

Demand set to quadruple by 2025; gas prices will trend towards oil-linked international parity

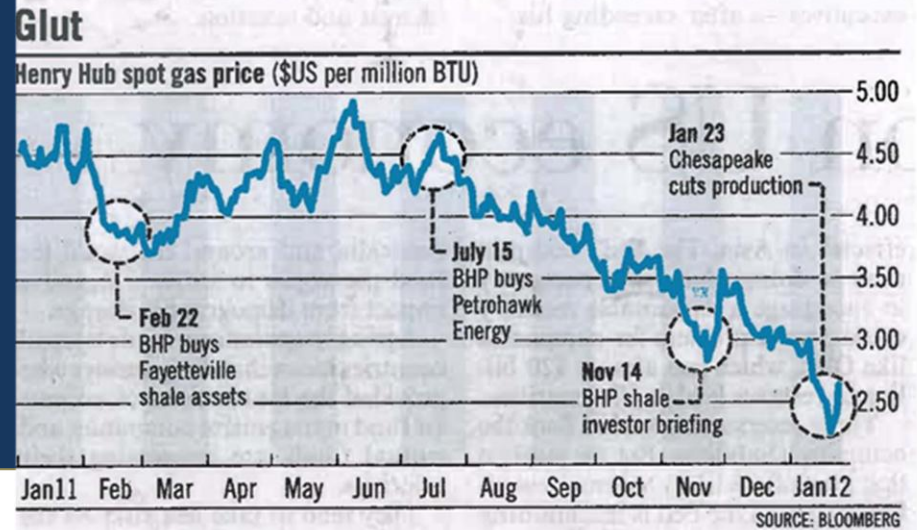


Source: Wood Mackenzie-Santos Asian Roadshow



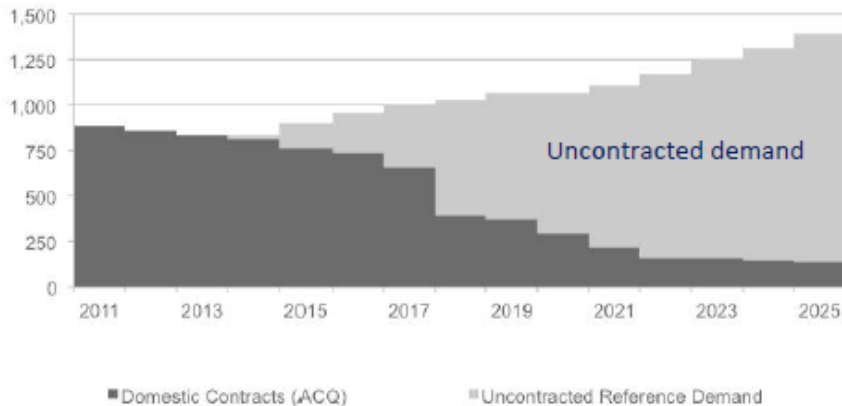
Price Movements

- LNG spot pricing
- Crude oil indexed
- Growing domestic demand
- Long term contracts
- Relationships v price



Source: Henry Hub / Financial Review

Eastern Australia Domestic Demand and Supply (PJ)



Source: Core Energy Group 2011

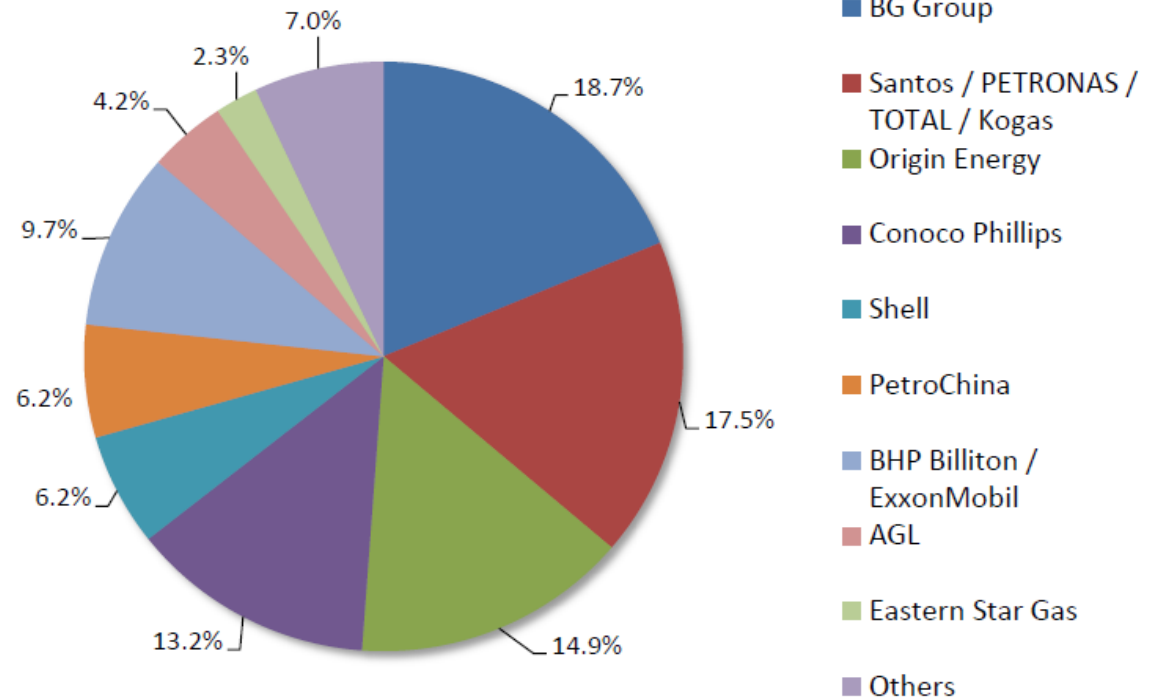


Eastern Australian LNG Projects

Industry consolidation ahead of production: e.g. Santos/Eastern Star: Arrow/Bow: BG/Drillsearch

LNG proponents continuing to market capacity for additional trains

Australian East Coast 2P Reserves*



* Adapted from Energy Quest, February 2011

80% of East Coast 2P reserves are owned by parties developing LNG projects or with LNG aspirations

Source: Beach Energy

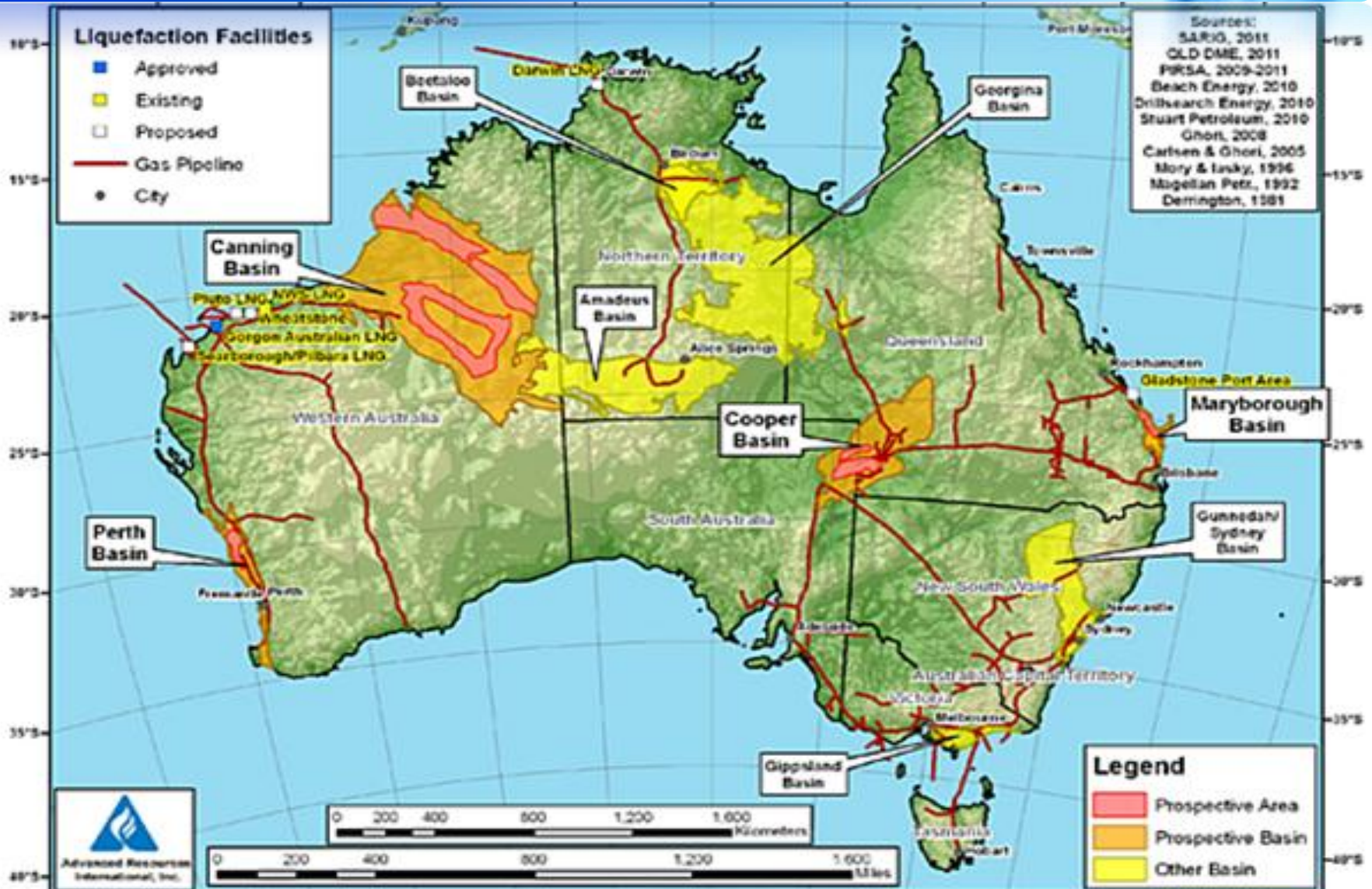


Exploration Expenditure

- Next six months Icon plans to drill 5 wells
- Next 12 months Icon plans to record over 1,000 kms of new seismic data

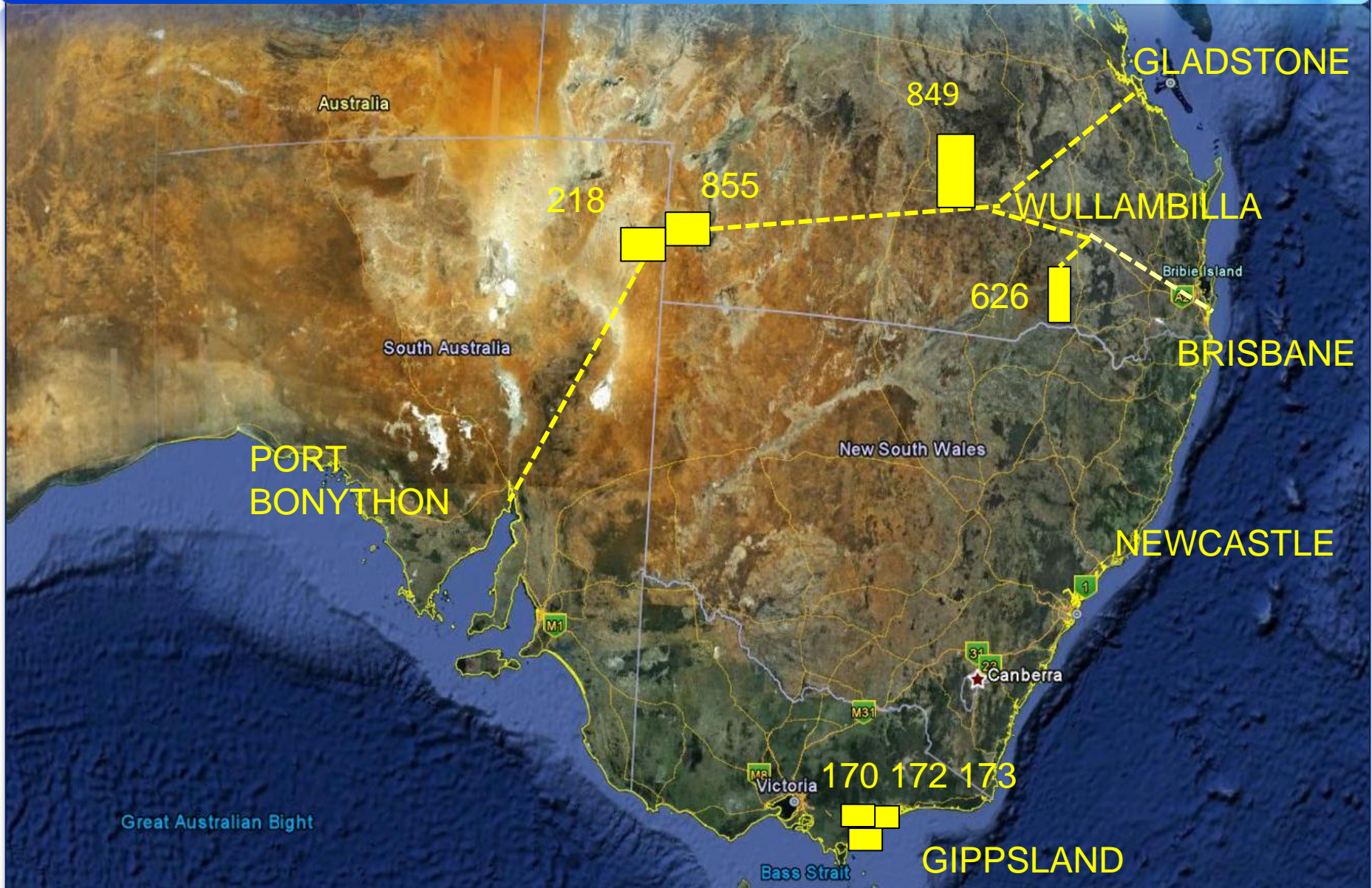


EIA Shale Gas Resources





Icon's Market Gas Options





Australian Shale Gas Resources

Basic Data	Basin/Gross Area		Cooper Basin (46,900 mi ²)	Maryborough Basin (4,290 mi ²)	Perth Basin (12,560 mi ²)		Canning Basin (181,000 mi ²)
	Shale Formation		Roseneath-Epsilon-Murteree	Goodwood/Cherwell Mudstone	Carynginia Shale	Kockatea Fm	Goldwyer Fm
	Geologic Age		Permian	Cretaceous	Upper Permian	Lower Triassic	M. Ordovician
Physical Extent	Prospective Area (mi ²)		5,810	1,555	2,180	2,180	48,100
	Thickness (ft)	Interval	0 - 1,800	300 - 3,000	300 - 1,500	300 - 3,000	300 - 2,414
		Organically Rich	500	1,250	950	2,300	1,300
		Net	300	250	250	230	250
	Depth (ft)	Interval	6,000 - 13,000	5,000 - 16,500	4,000 - 16,500	3,300 - 16,500	3,300 - 16,500
Average		8,500	9,500	10,700	10,000	12,000	
Reservoir Properties	Reservoir Pressure		Moderately Overpressured	Slightly Overpressured	Normal	Normal	Normal
	Average TOC (wt. %)		2.5%	2.0%	4.0%	5.6%	3.0%
	Thermal Maturity (%Ro)		2.00%	1.50%	1.40%	1.30%	1.40%
	Clay Content		Low	Low	Low	Low	Low
Resource	GIP Concentration (Bcf/mi ²)		105	110	107	110	106
	Risked GIP (Tcf)		342	77	98	100	764
	Risked Recoverable (Tcf)		85	23	29	30	229

February 17, 2011

85 TCF





ICON'S ACTIVE TENEMENTS IN 2012

- ATP 855P
- ATP 626P
- ATP 849P
- PEP 170
- PEP 172
- PEP 173





SOUTH AUSTRALIA



Cooper Basin

PEL 218

ATP 855P

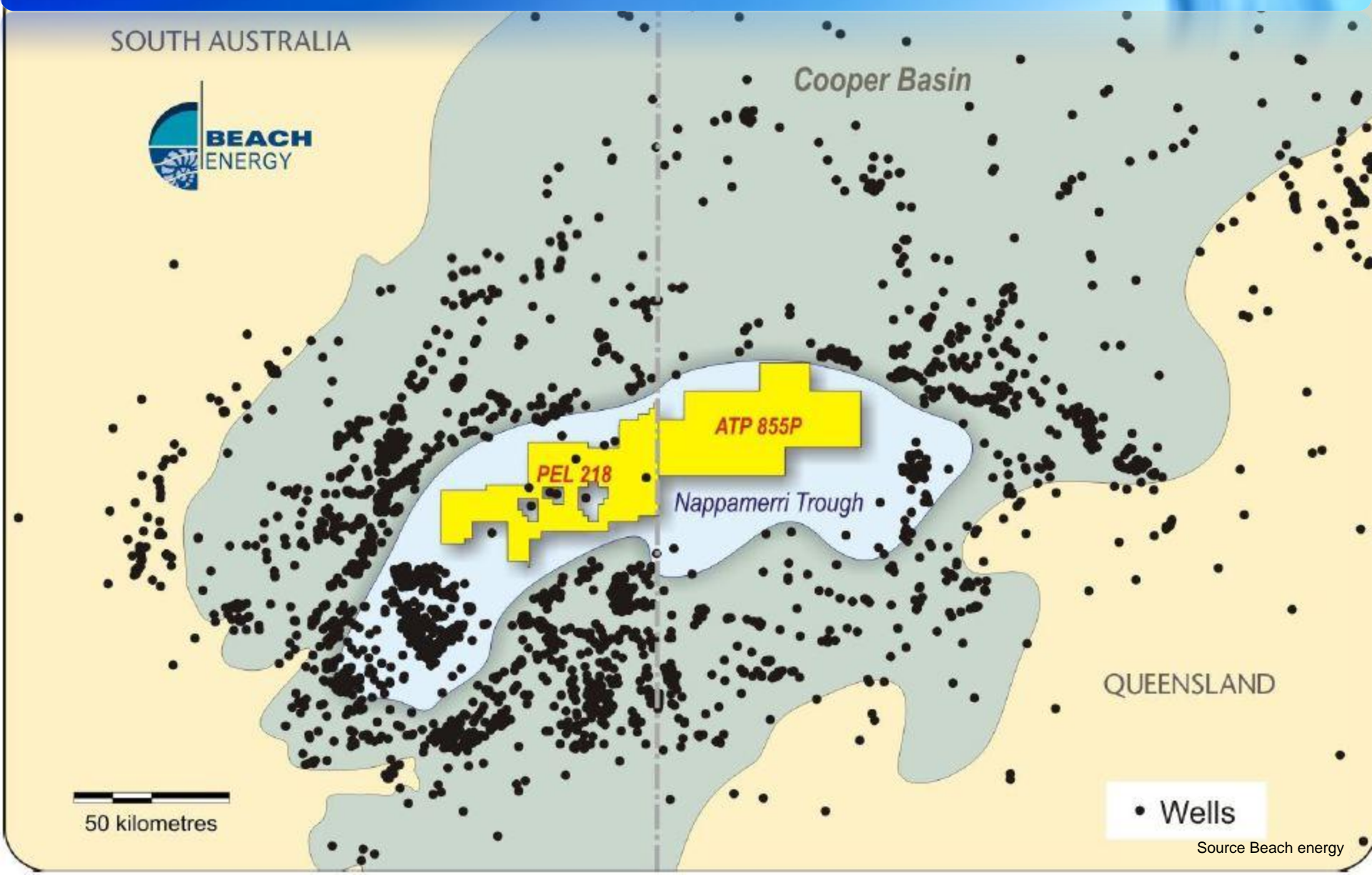
Nappamerri Trough

QUEENSLAND

50 kilometres

• Wells

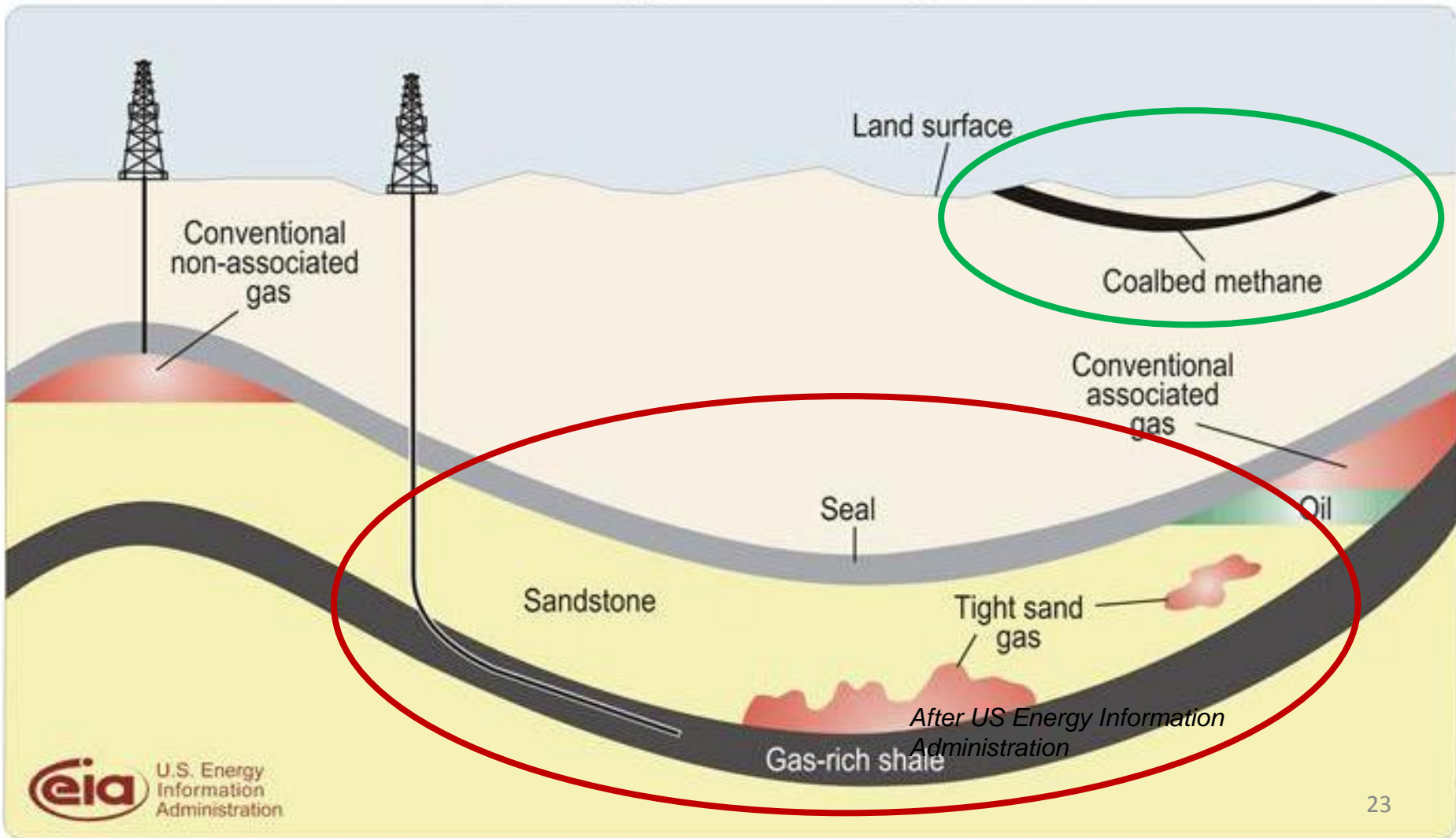
Source Beach energy





Shale Gas Resources in Australia

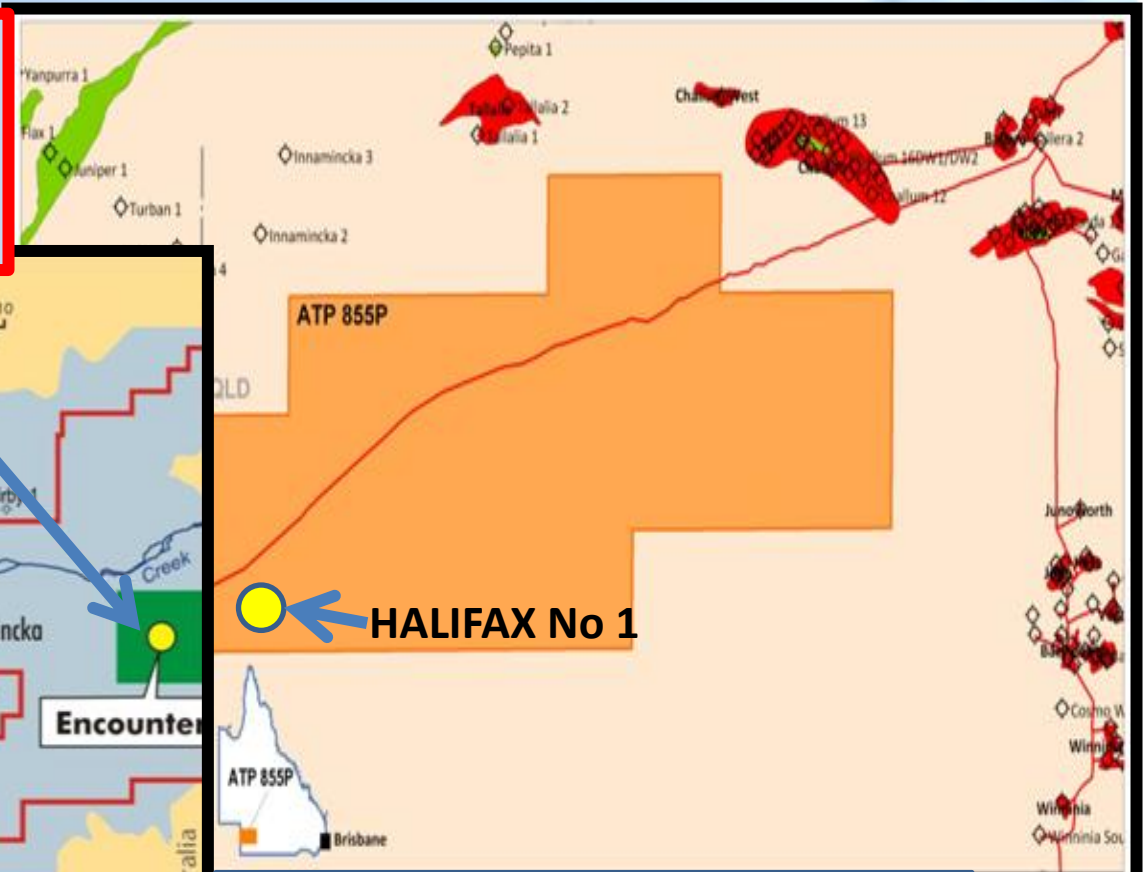
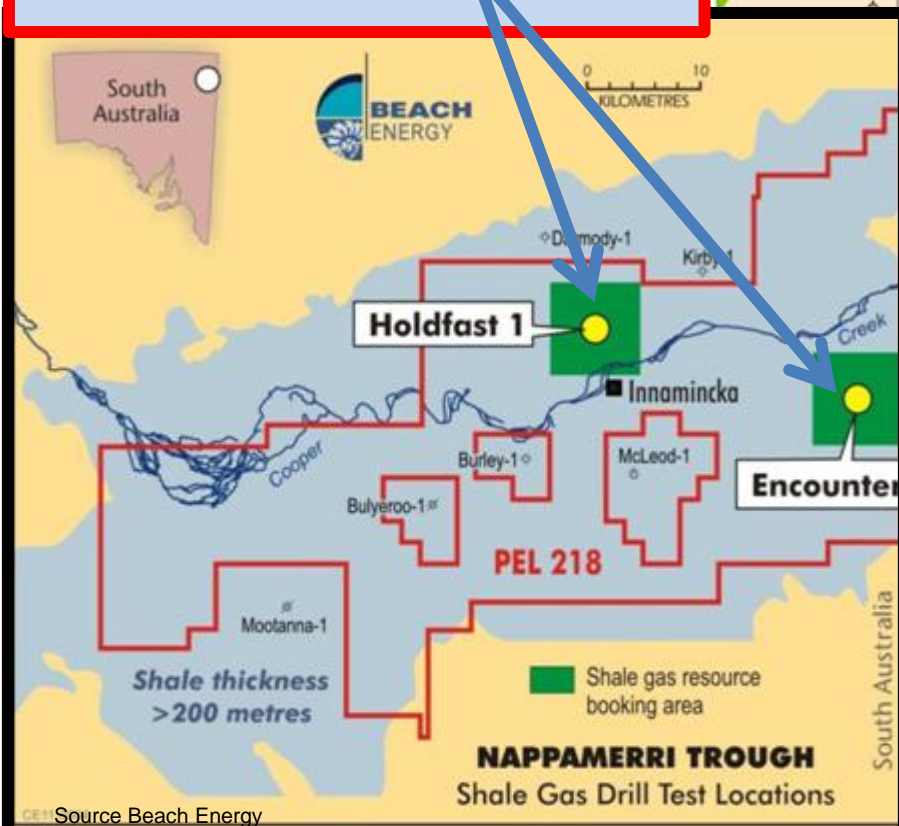
Schematic geology of natural gas resources





Nappamerri Trough – ATP855P & PEL 218

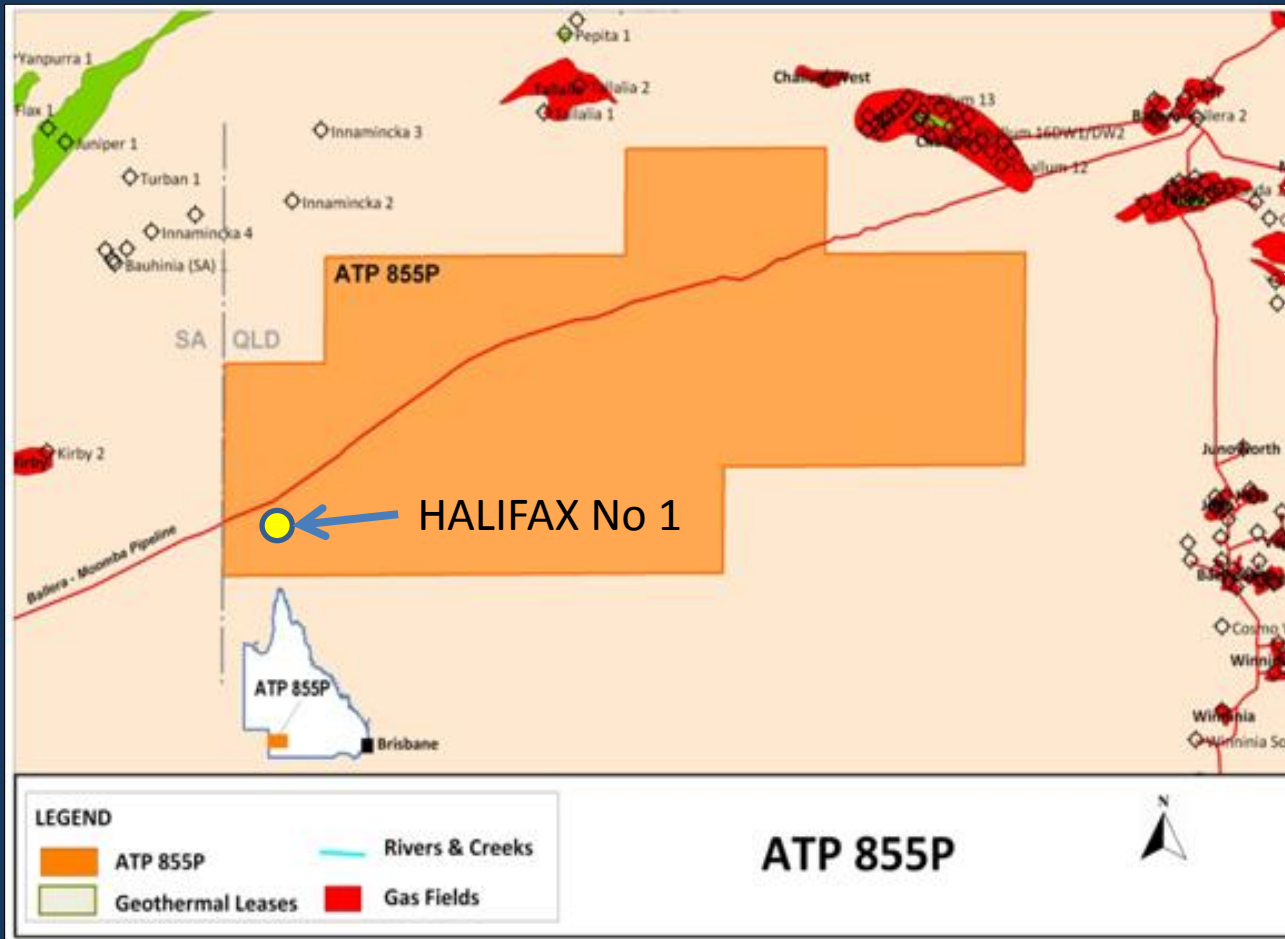
Beach estimate
2 TCF contingent
resource in 2 * 100 km²



ATP 855 & PEL218



Icon and Shale Gas – ATP855P



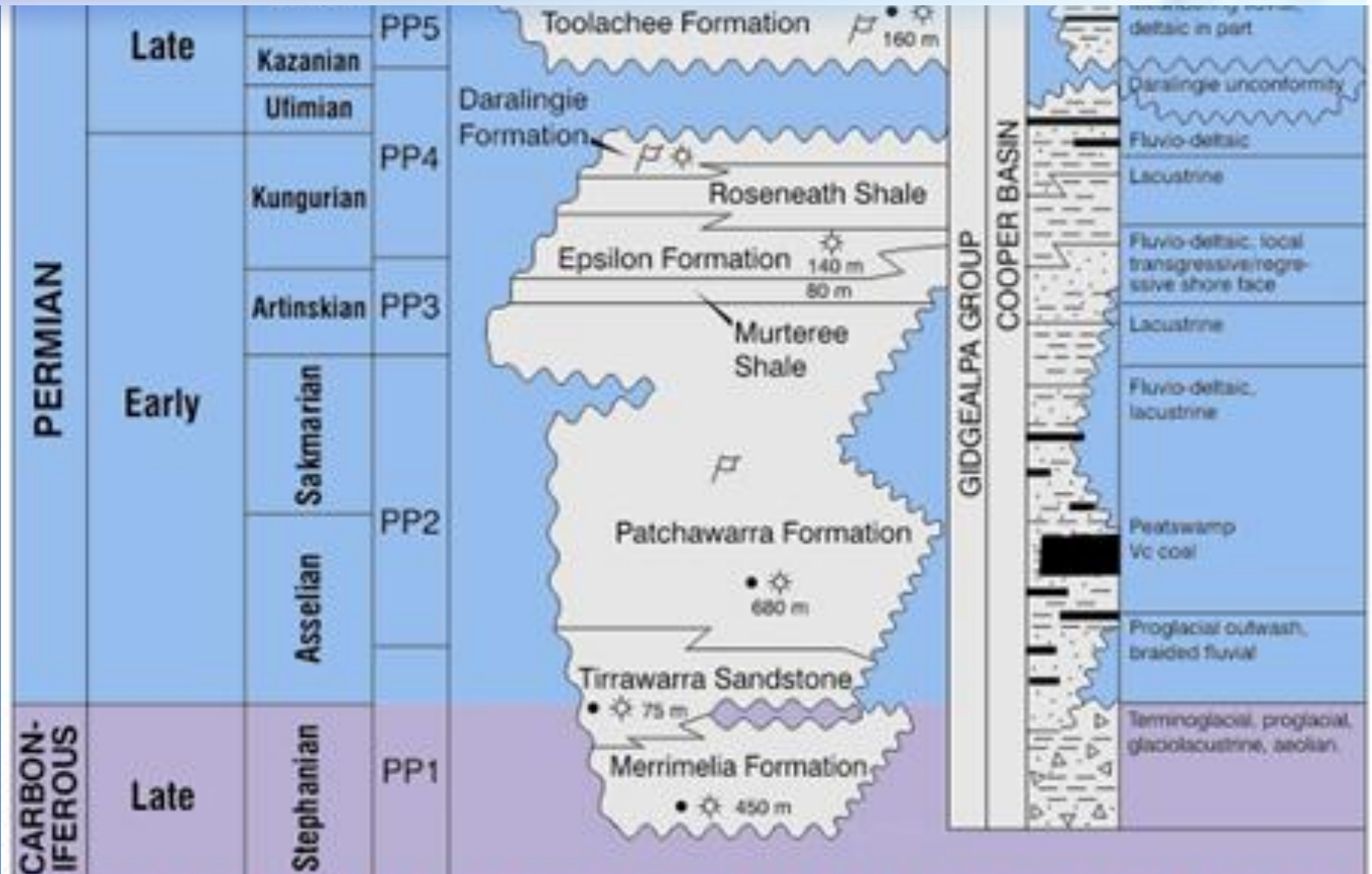
1,670 km²

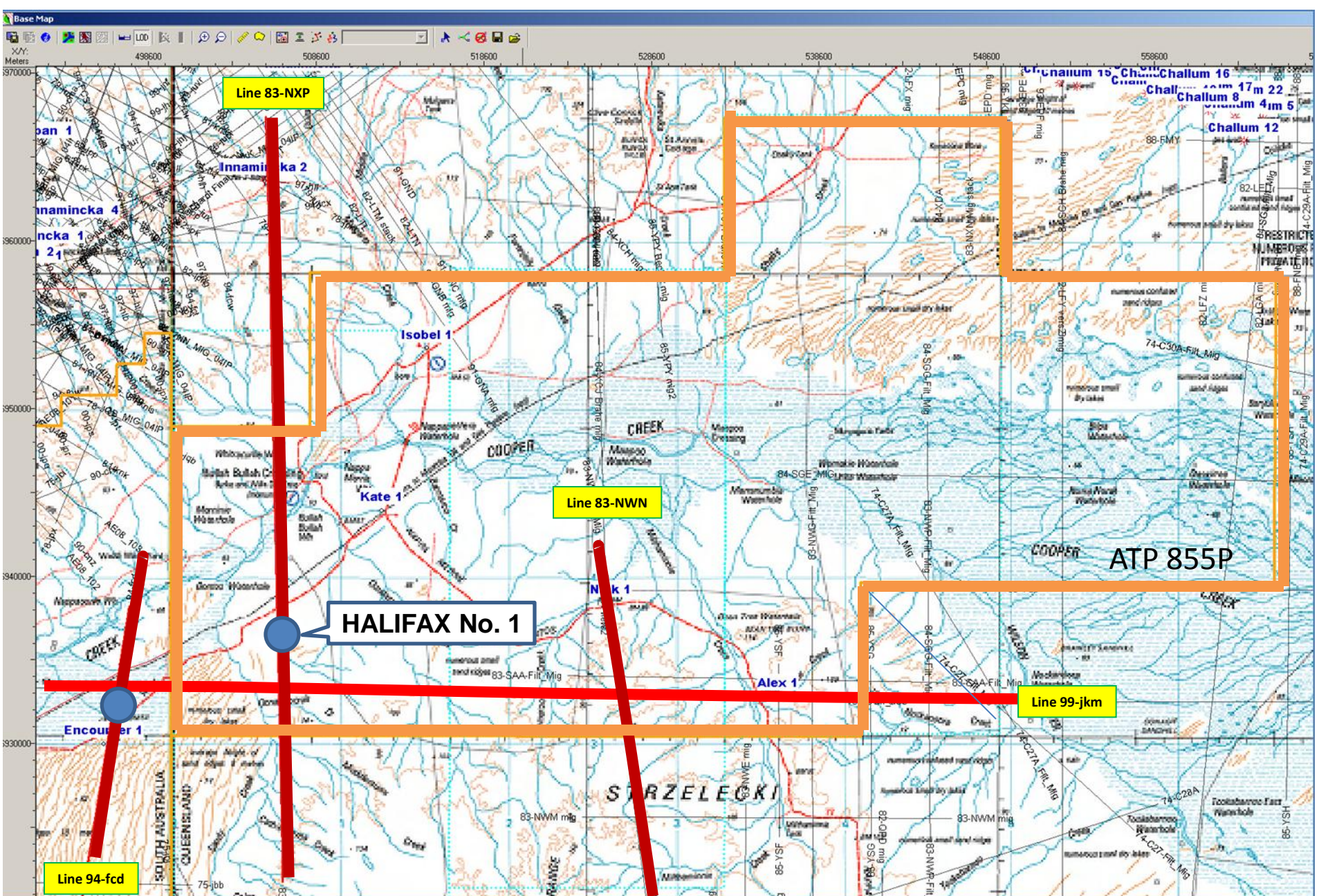
Beach Operated

- 60% Beach
- 40% Icon



REM and Patchawarra Expansion





Line 83-NXP

Line 83-NWN

Line 94-fcd

Line 99-jkm

HALIFAX No. 1

ATP 855P

Innaminka 2

Isobel 1

Kate 1

Alex 1

STARZELECKI

COOPER CREEK

COOPER

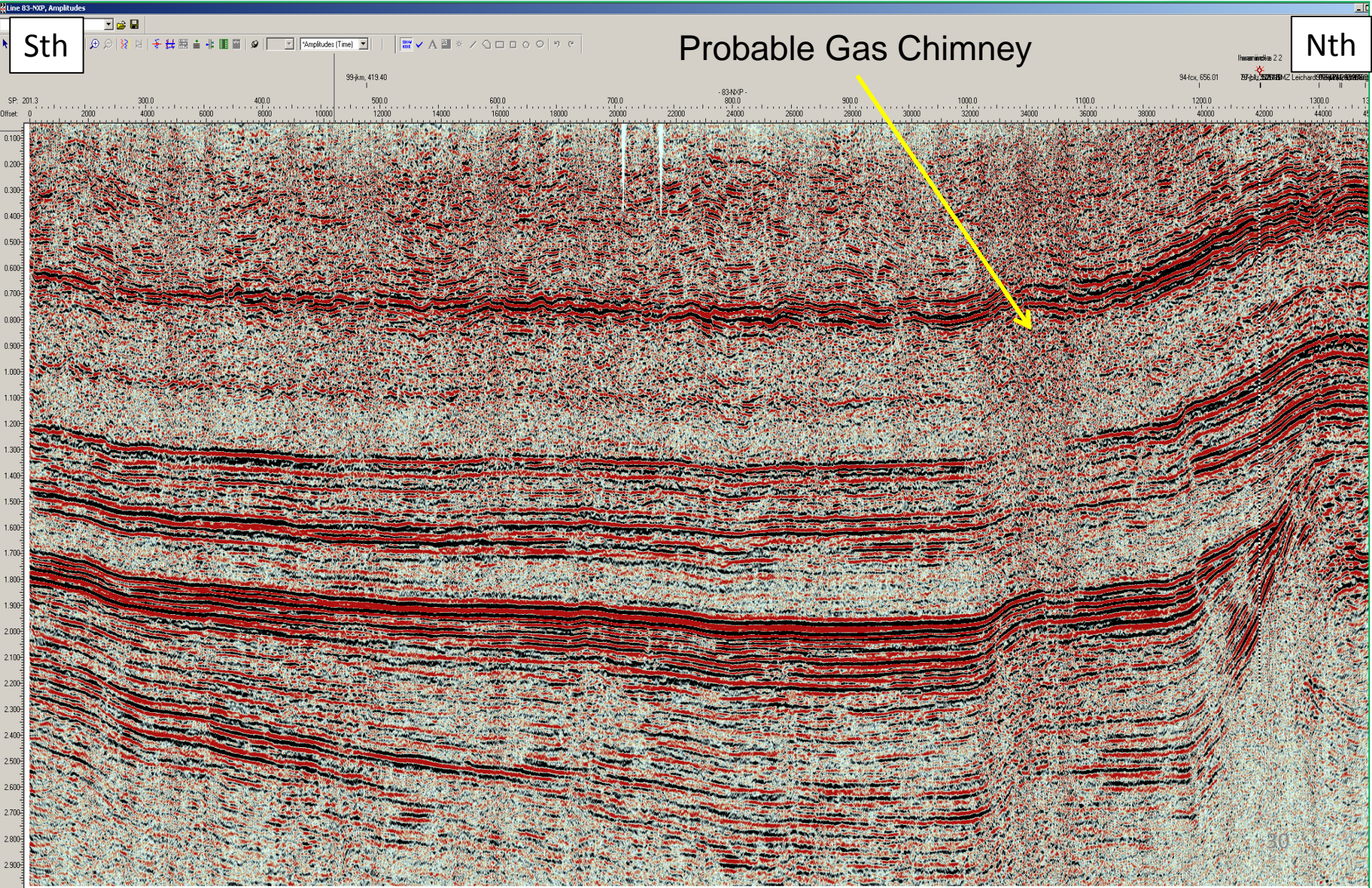
Challum 15
Challum 16
Challum 17
Challum 22
Challum 8
Challum 4
Challum 5
Challum 12

RESTRICTED
NUMBERS
PRIVATE

Base Map
XY: Meters 498600 508600 518600 528600 538600 548600 558600



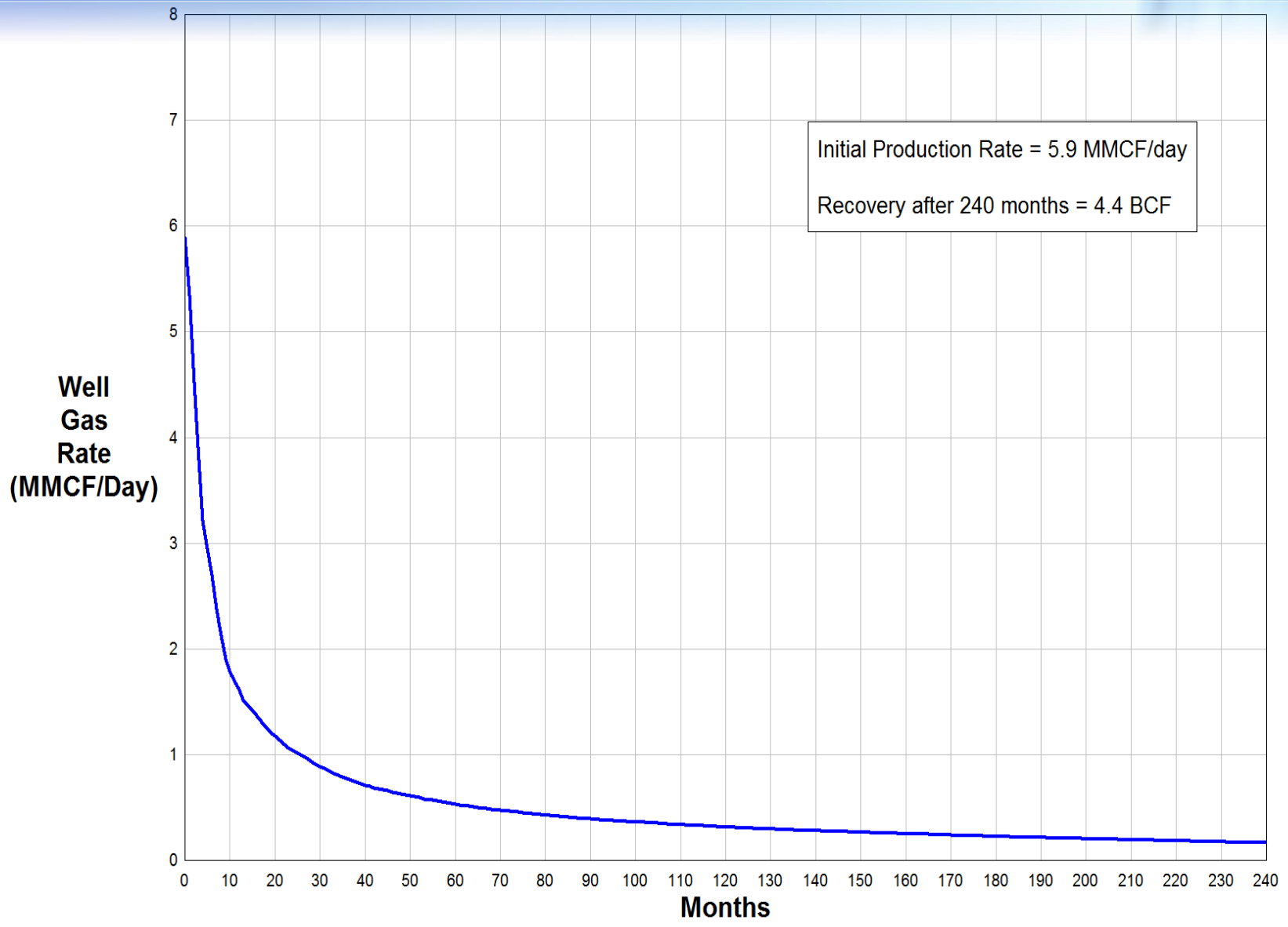
Line 83-NXP – Gas Chimney Effect





Estimated Profile for a Shale Well

(Based on wells from the US Woodford Shale Play)

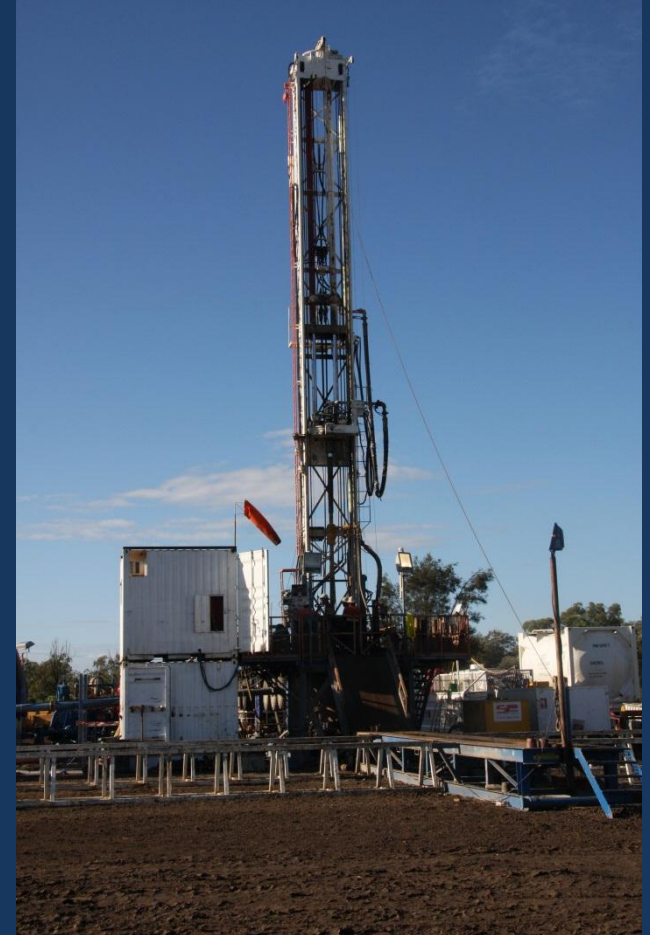




SURAT BASIN

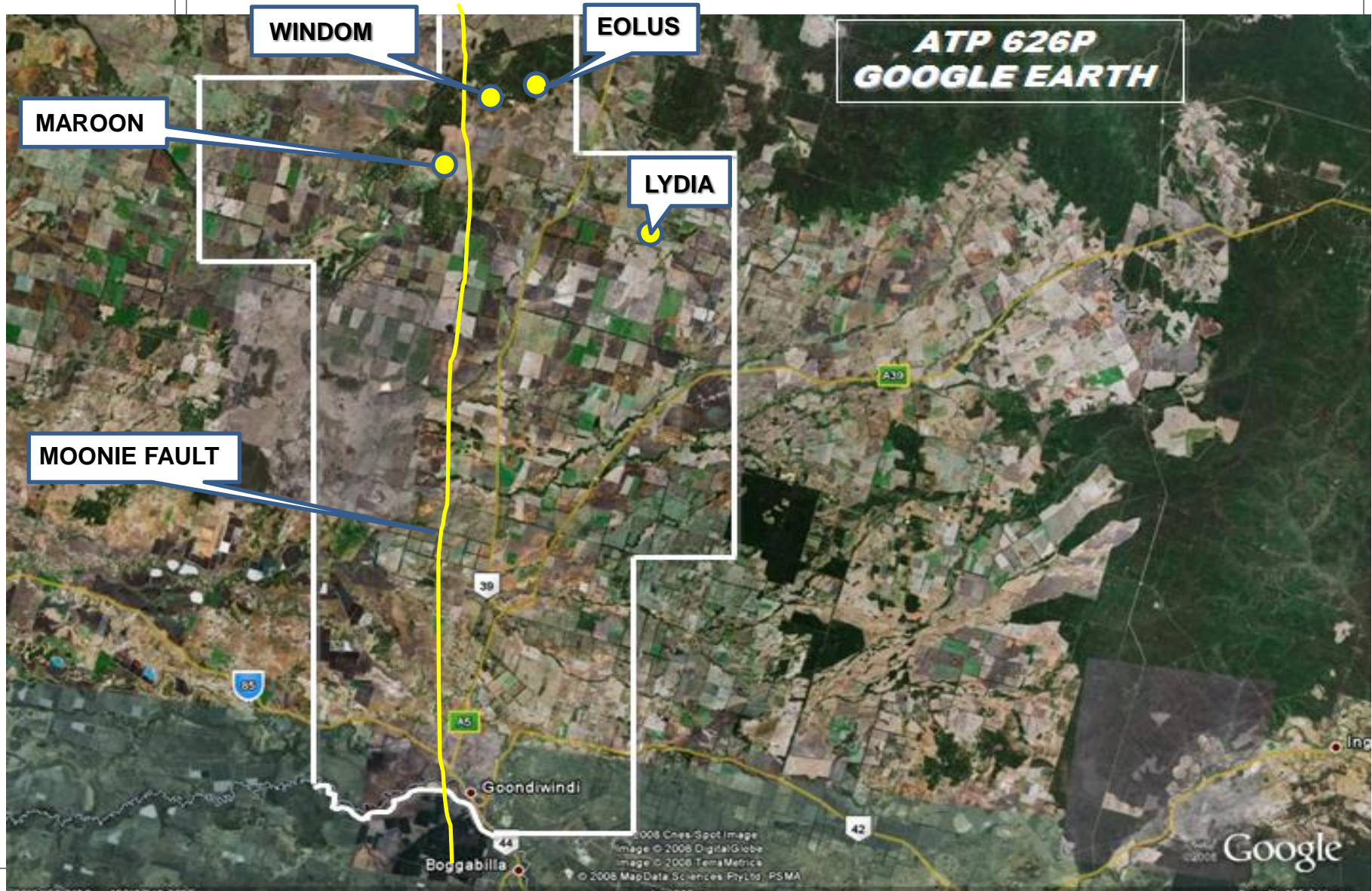
➤ ATP 626P

➤ ATP 849P





Location Eolus No. 1 and Windom No. 1





Drilling Program

- Drilling program in place for 2012
- 2012- 2013 work program



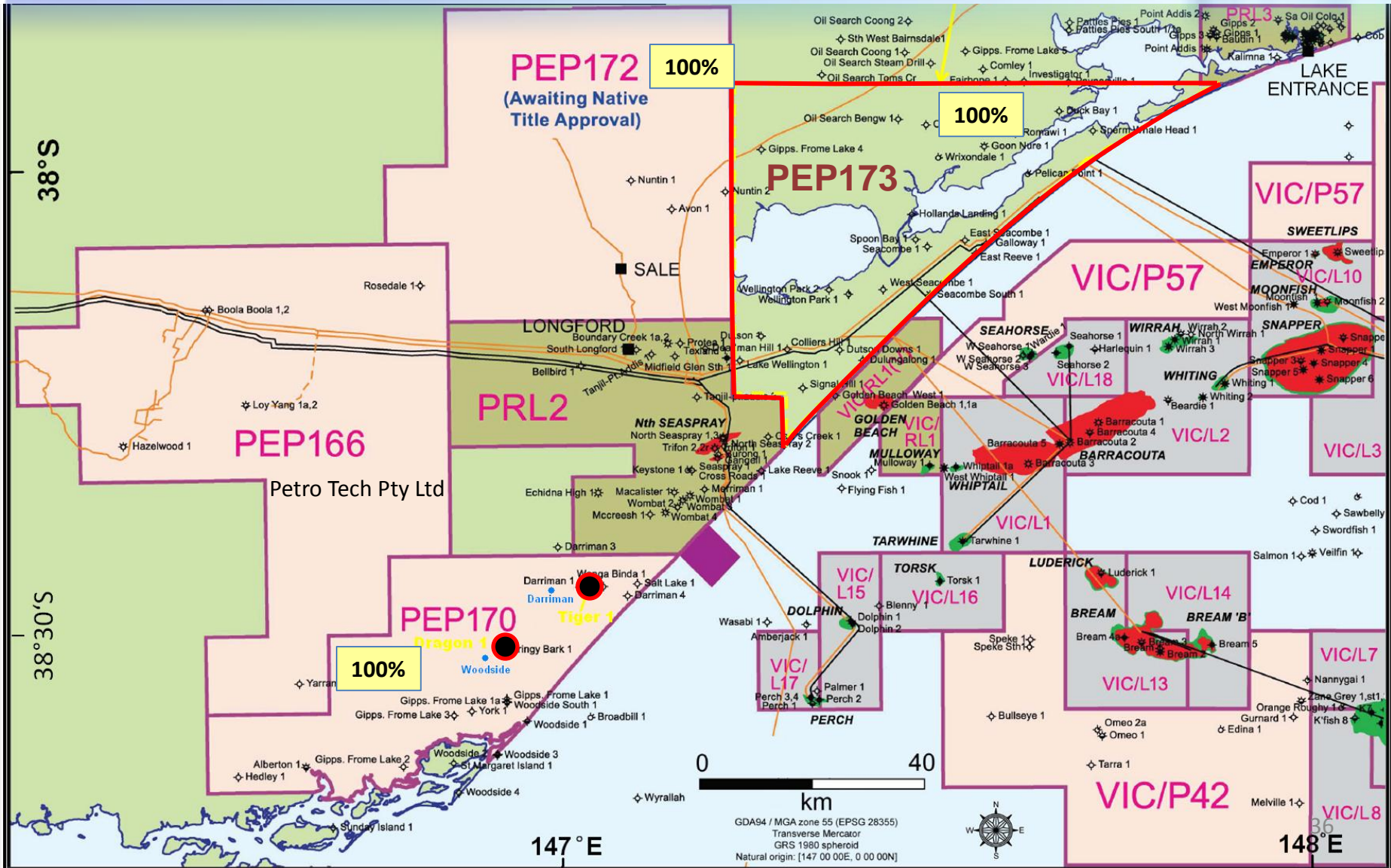
GIPPSLAND BASIN

- PEP 170
- PEP 172
- PEP 173



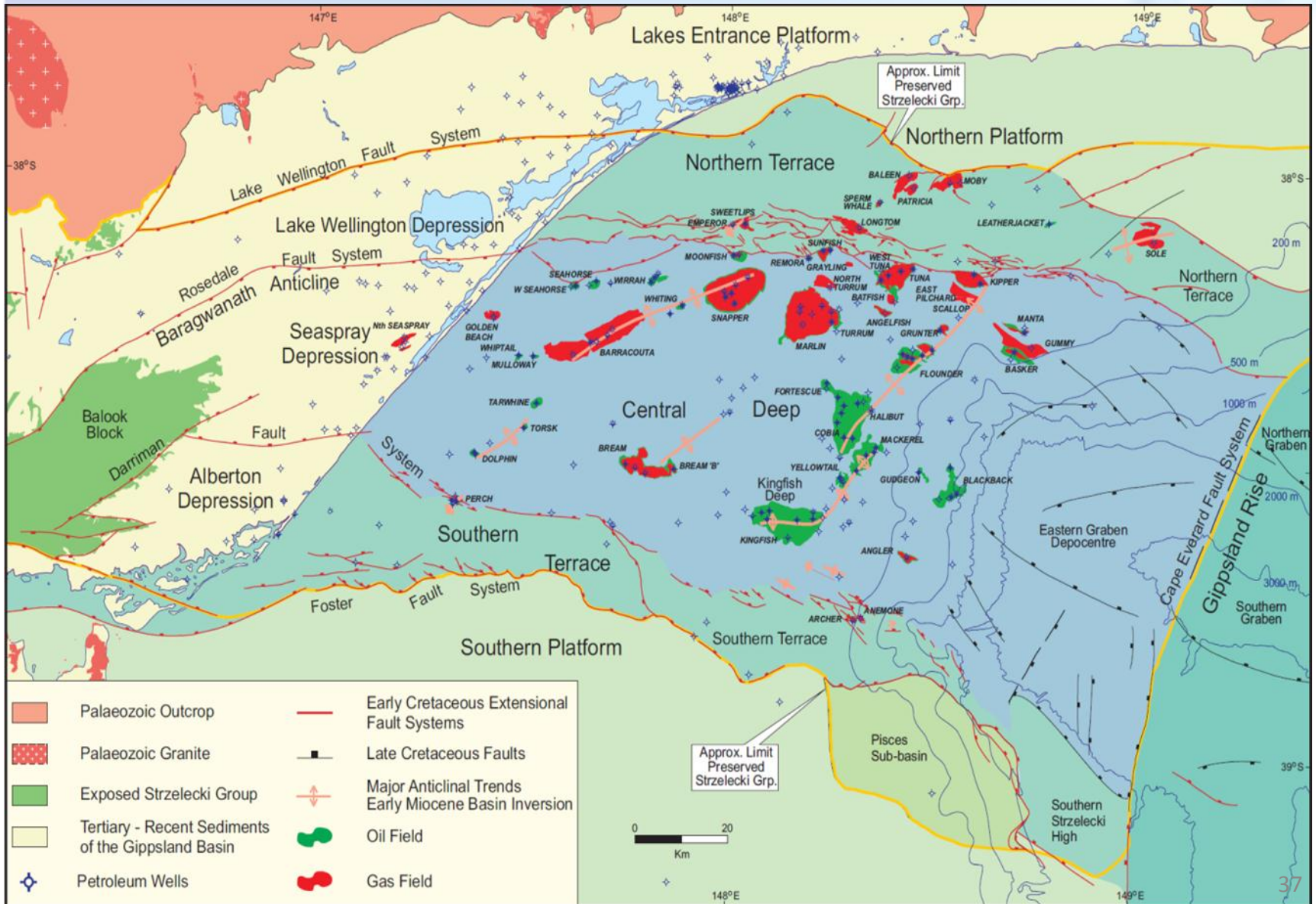


PEP 170, 172, 173 Victoria





Tectonics of the Gippsland Basin



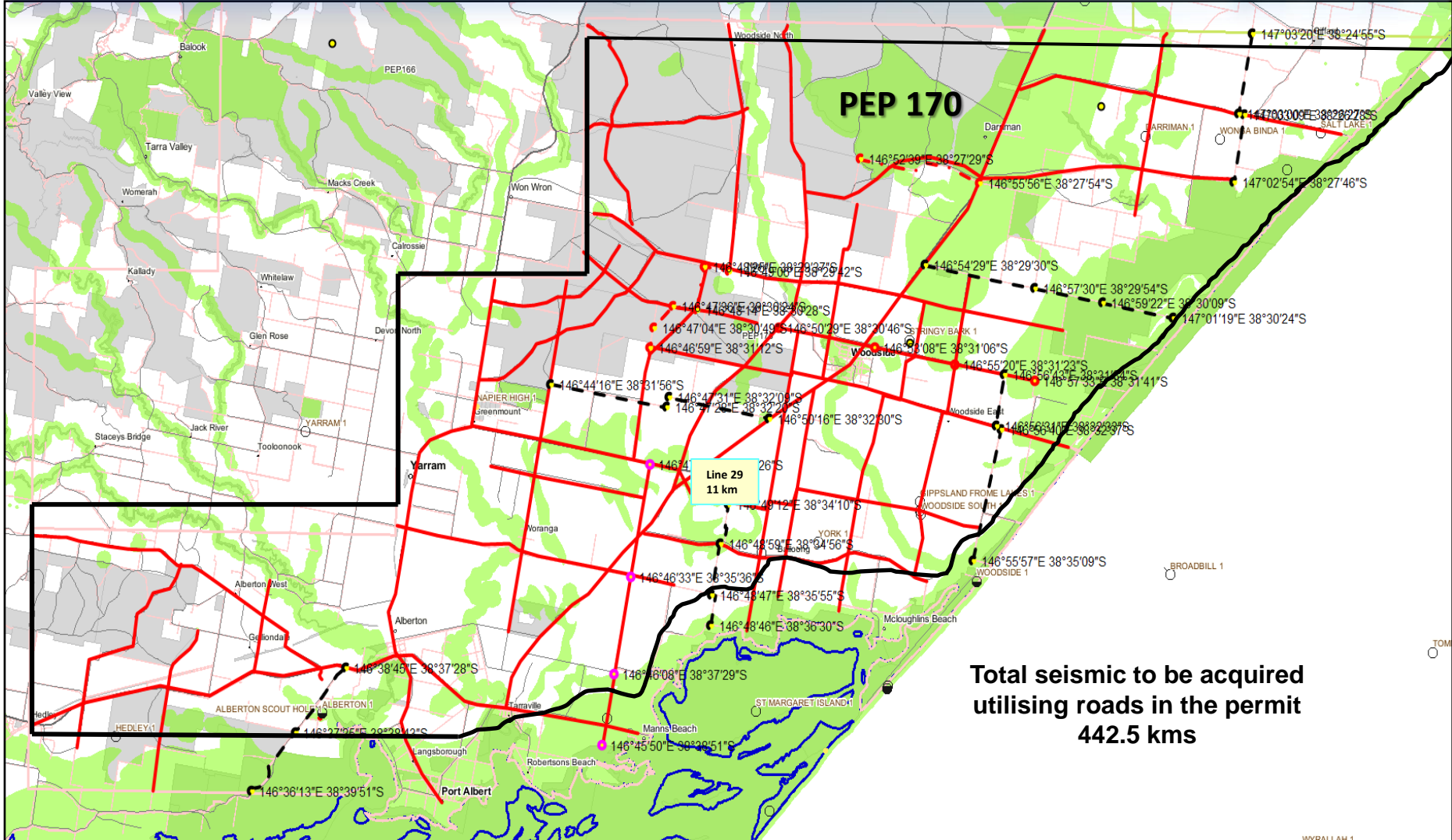


Seismic Acquisition Program

- 450 km of 2D seismic
- Regional coverage of whole tenement
- Utilisation of roads with minimal landholder disturbance
- Completed by October 2012



Proposed Seismic Program PEP 170



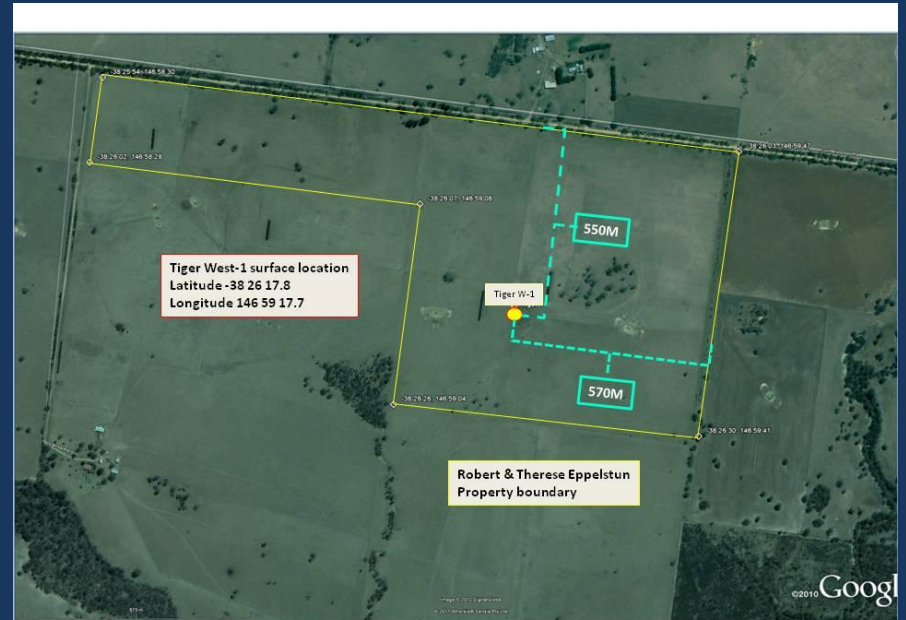


PEP 170 Drilling Program

- Tiger West 1 and Dragon 1- targeting Strzelecki Formation
- Hunt Rig 2 available July 2012
- Planning Phases in progress:
 - Landholder Approvals
 - Environmental Management Plan
 - Operations Management Plan
 - Department of Primary Industries approval
 - Rig Contracting negotiations
 - Early civil works



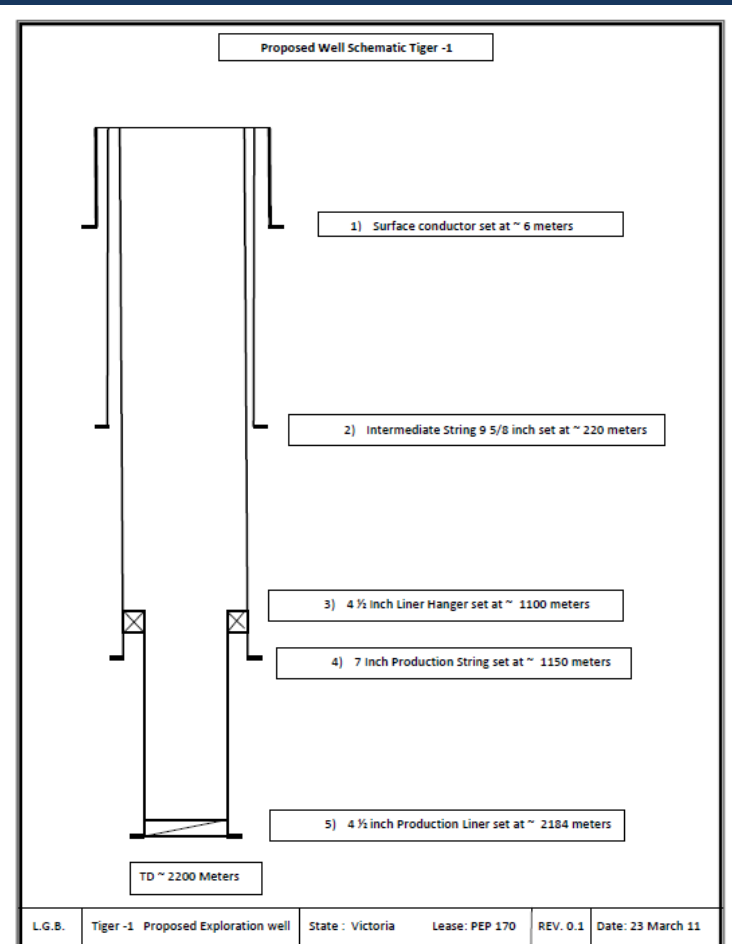
Dragon No.1 and Tiger West No.1





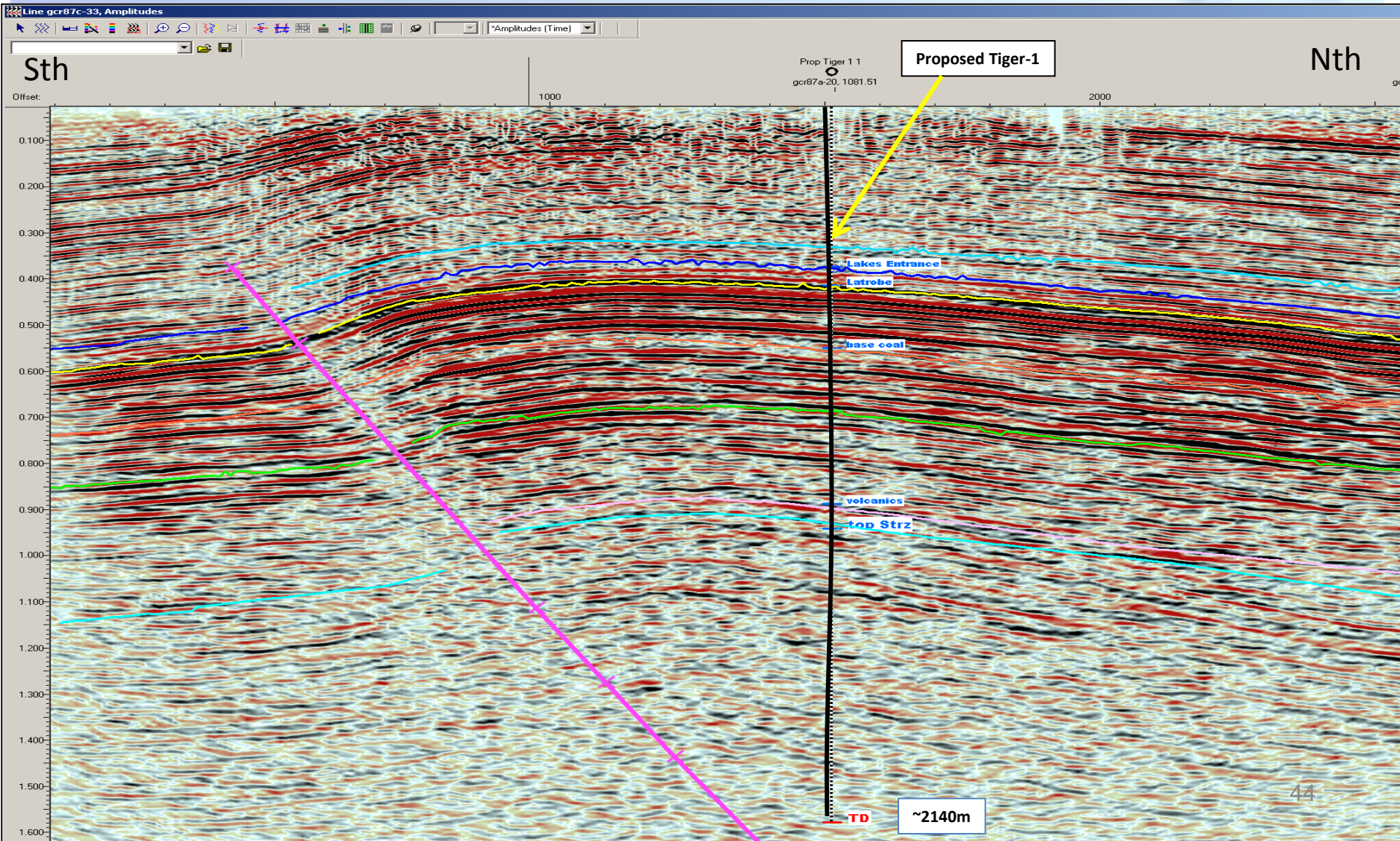
Well Design- Tiger West 1 and Dragon 1

Hole Size (Bit)	Casing Size	String	Setting Depth
18" Auger	16 "	Conductor	+/- 6 Meters
12 ¼" (PDC)	9 5/8"	Surface	+/- 220m
8 ½" (PDC)	7"	Production	+/- 1150m
6 1/8" (PDC)	4 ½"	Liner	+/-2200m





Seismic Location of Proposed Tiger 1





Converting resources to reserves

- Ten plus pilot wells with fracing to establish 2P reserves
- Pilot production period up to six months
- Reserve certification of pilot areas
- Drill sweet spots in continuous development over 20 years



Canada's Trican Frac Setup proposed for use in Australia





Overcoming the Myths about Fracking

Water & Sand
99.5%

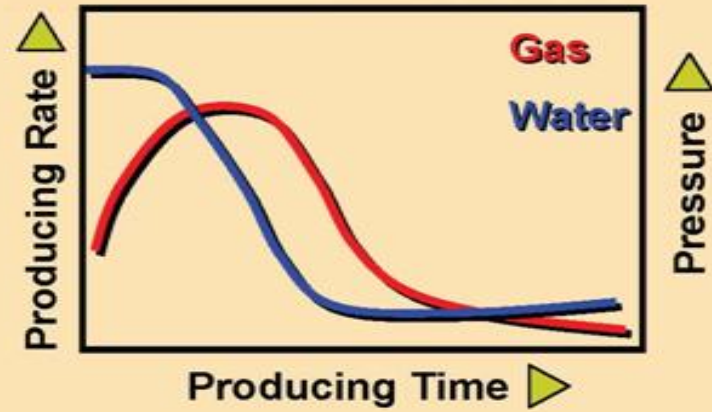
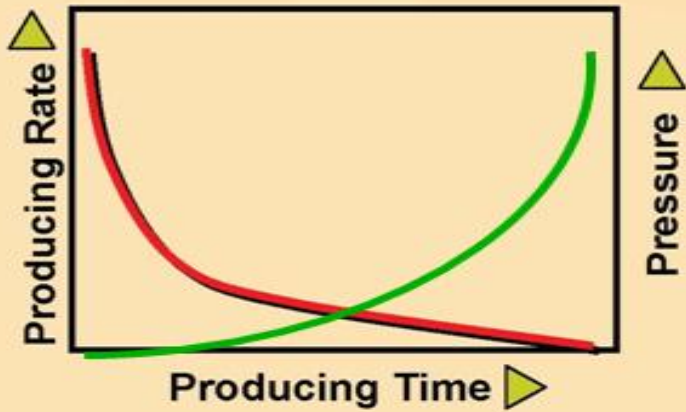
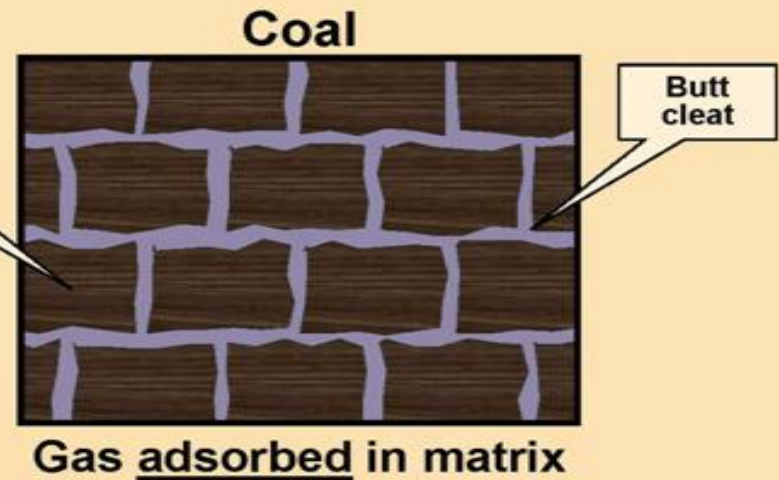
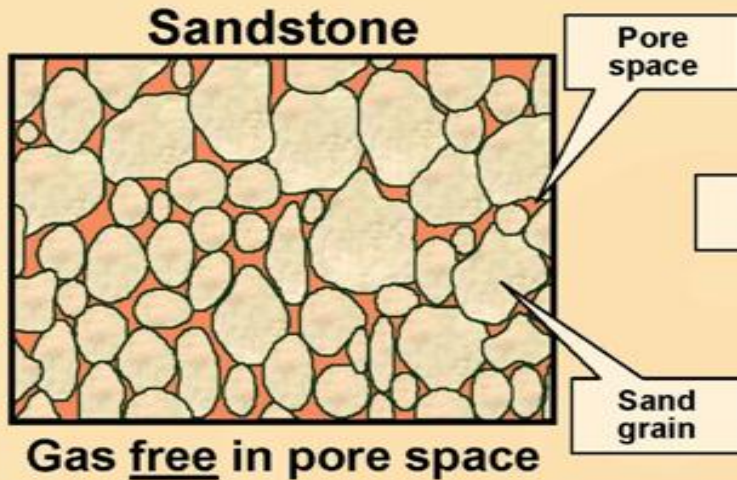
Additives - 0.5%

- Acid
- Friction Reducer
- Surfactant
- Gelling Agent
- Scale Inhibitor
- pH Adjusting Agent
- Breaker
- Crosslinker
- Iron Control
- Corrosion Inhibitor
- Antibacterial Agent
- Clay Stabilizer

Swimming pool cleaners
Table salt
Water treatment
Soil conditioner
Automotive antifreeze
Laundry detergents
Hand soap, cosmetics
Water softener
Disinfectant
Medical and dental sterilisation
Baked goods, ice cream
Toothpaste, sauces
Food and beverage additives
Glass cleaners
Hair colouring
Antiperspirants



Reservoir Mechanisms and Performance Comparison





MICROPORES IN COAL

Block of Coal with dimensions defined by cleat spacing

1-gram of coal can have 10's to 100's of square metres of surface area.

Size of pore
5-20 Angstrom Units

CLEAT

Methane attaches to the walls of the micro-pore via weak Van der Waals.

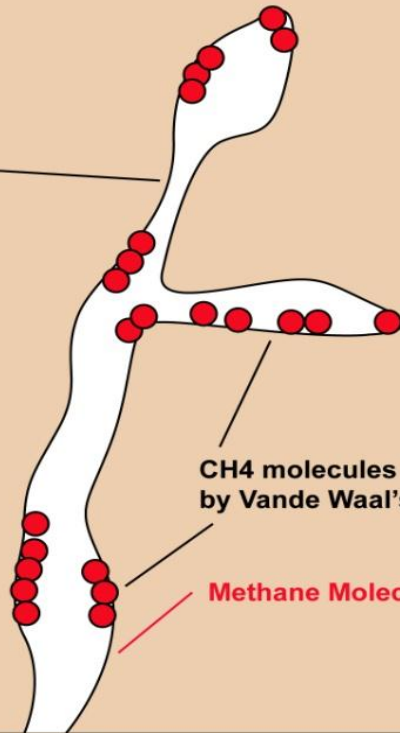
Methane is released from the micro-pore via a concentration gradient.
(Diffusion as modeled with Fick's Law)

CH₄ molecules attached to coal macerals by Vande Waal's Force. (Weak Force)

Methane Molecule 4.1 an

WATER SATURATED CLEAT POROSITY

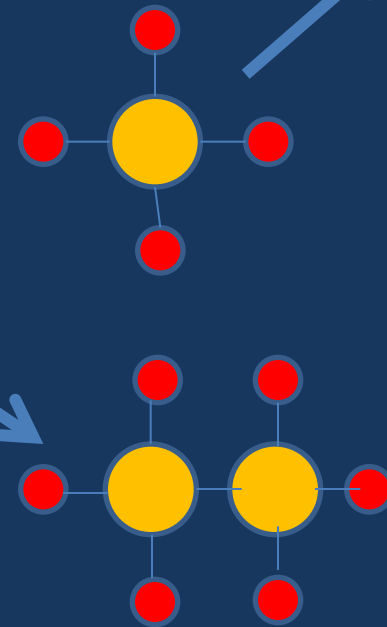
NSAI





What is LNG?

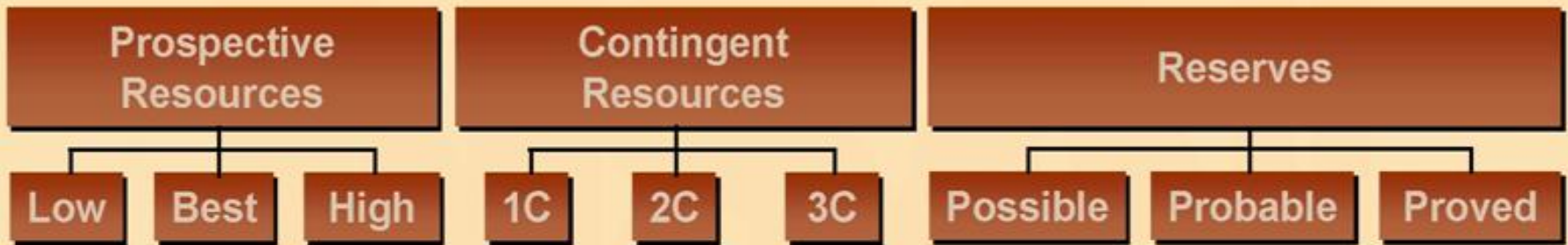
- METHANE CH_4
- ETHANE C_2H_6
- PROPANE C_3H_8
- BUTANE C_4H_{10}
- PENTANE C_5H_{12}



LNG -162°C



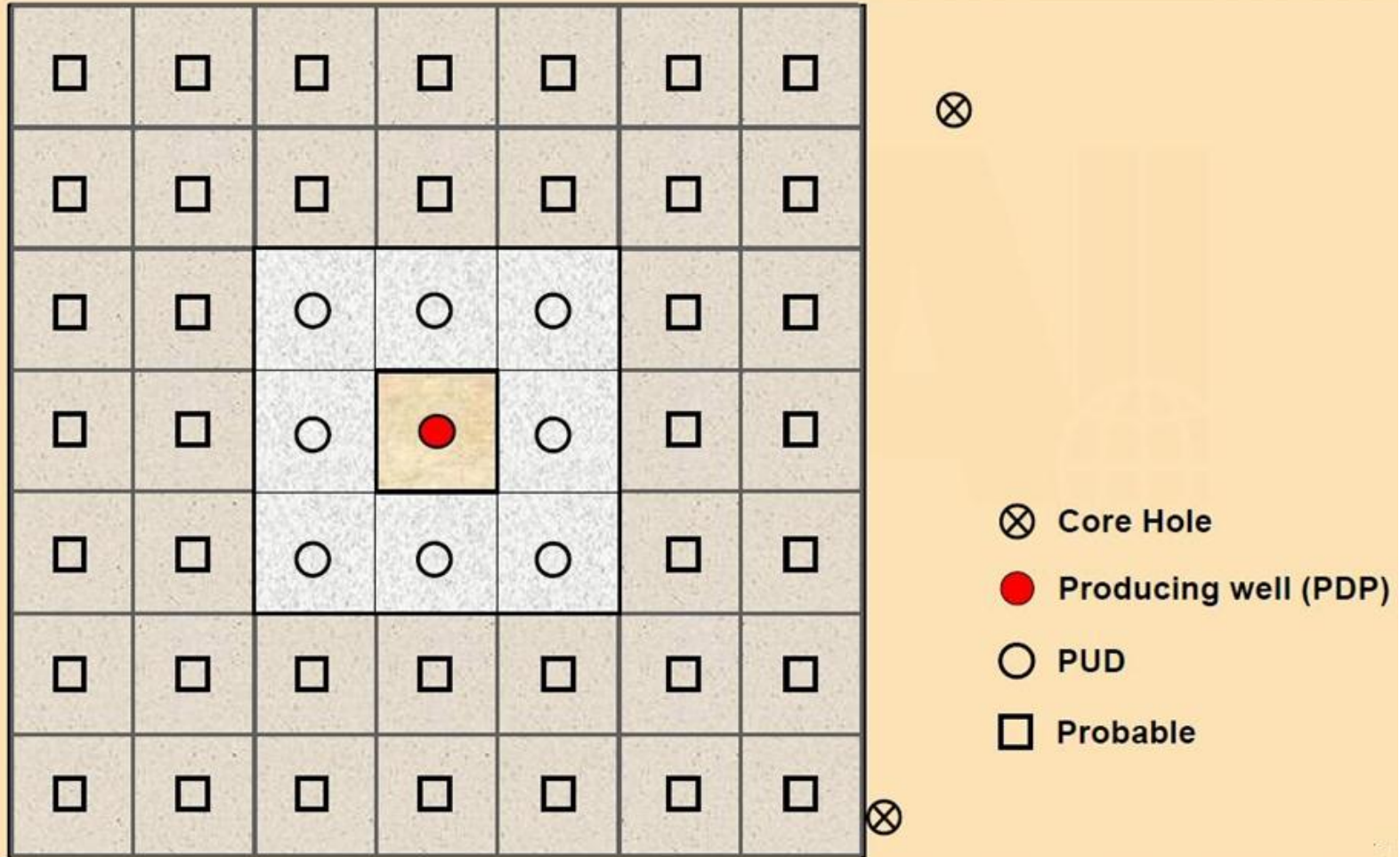
Oil & Gas Resource/Reserve Terminology



- No Real Data (New Age Coal)
- No Market
- Brand New Technology Needed
- No Development Plan
- Coal is present
- Moveable Hydrocarbon Gas
- Commercially Recoverable
- Proved = Reasonably Certain under Current Conditions
- Probable/Possible = Less Certain with Future Conditions & Expected Development

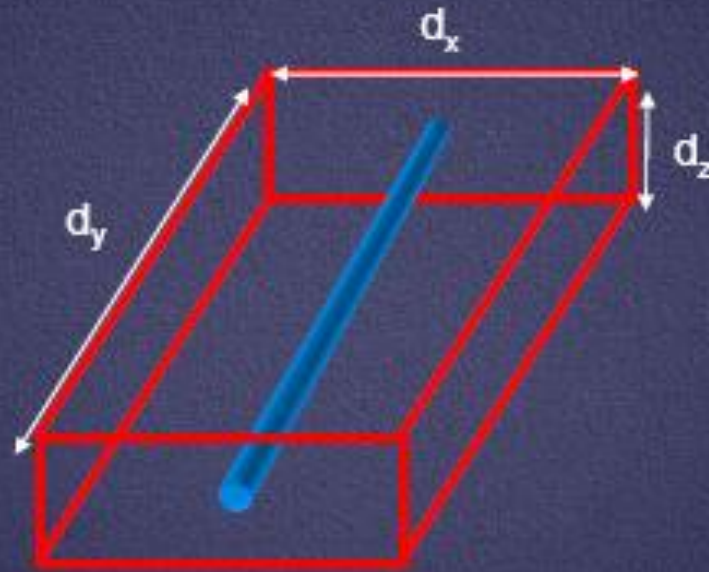


Leverage for 1P, 2P Reserves





Contributing Rock Volume



d_y = Lateral Length (3,000' to 5,000')

d_x = Well Spacing or Effective Frac Distance (500' to 1,500')

d_z = Net Shale Thickness or Effective Frac Height (50' to 300')

$$d_x * d_y * d_z = \text{Contributing Rock Volume}$$



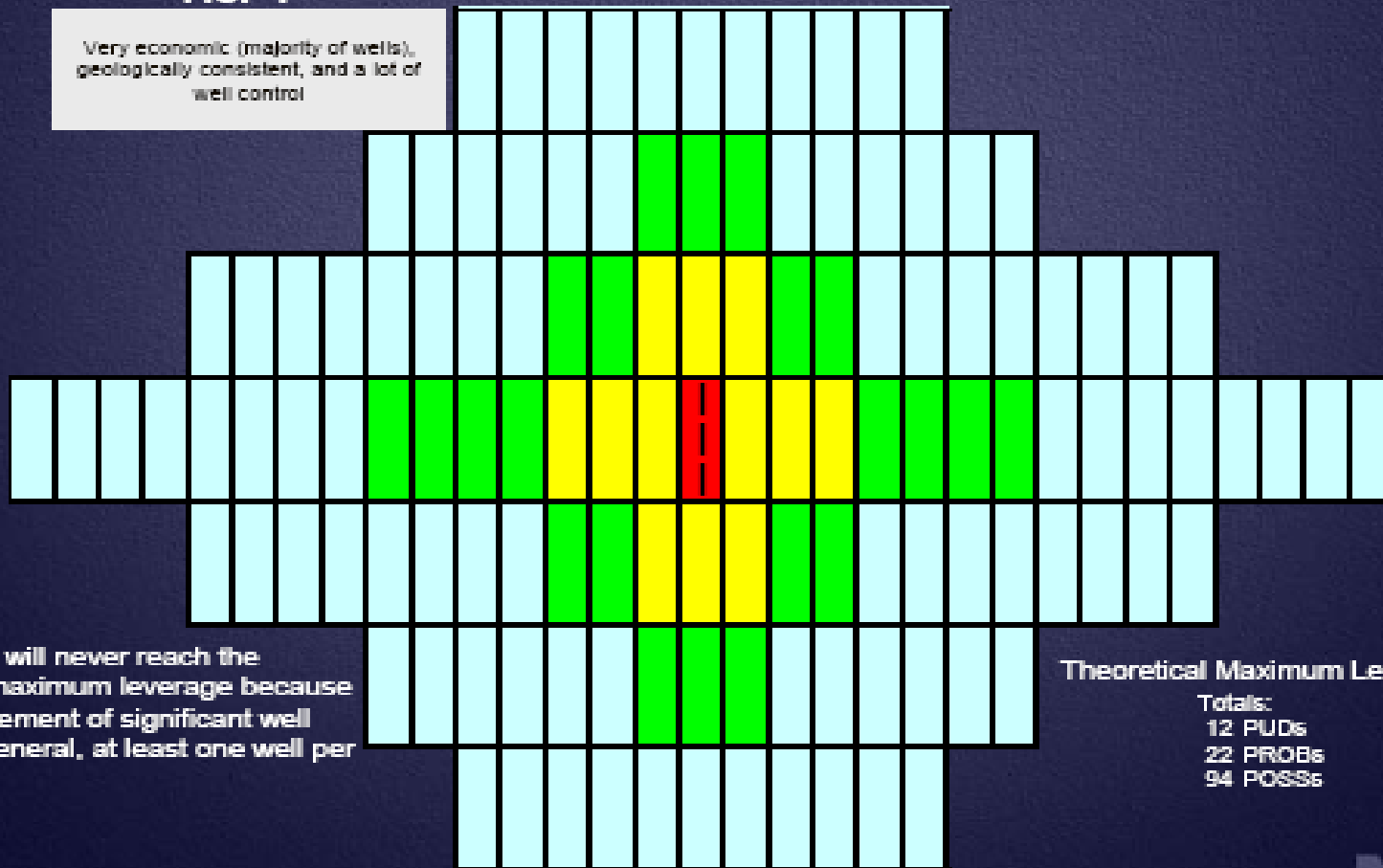
SEC/SPE Definitions

KEY:

Red	PDP
Yellow	PUD
Green	PROB
Light Blue	POSS

Tier 1

Very economic (majority of wells), geologically consistent, and a lot of well control



Tier 1 areas will never reach the theoretical maximum leverage because of the requirement of significant well control. In general, at least one well per section.

Theoretical Maximum Leverage

Totals:
12 PUDs
22 PROBs
94 POSSs



LNG Sales Agreement – Key Terms

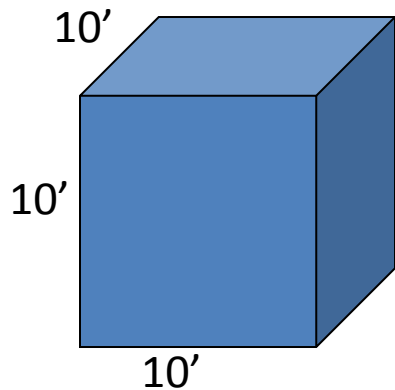
- 40 million tonnes over 20 years
- First delivery by June 2016
- Price competitive to LNG sold into China
- Price reviews every 3 years
- Unrestricted gas feedstock sources
- Flexible facility options
- Enables staged development
- FOB contract



Signing ceremony in March 2011 Shantou, China



What is a Petajoule (PJ)



VOLUME

$$10 \times 10 \times 10 = 1,000 \text{ cu ft or 1 MCF}$$

$$\times 10^3 = 1,000,000 \text{ cu ft}$$

$$\times 10^3 = \text{one BCF}$$

$$\times 10^3 = \text{one TCF}$$

ENERGY

$$1 \text{ GJ } (\$A3-4)$$

$$1 \text{ PJ}$$

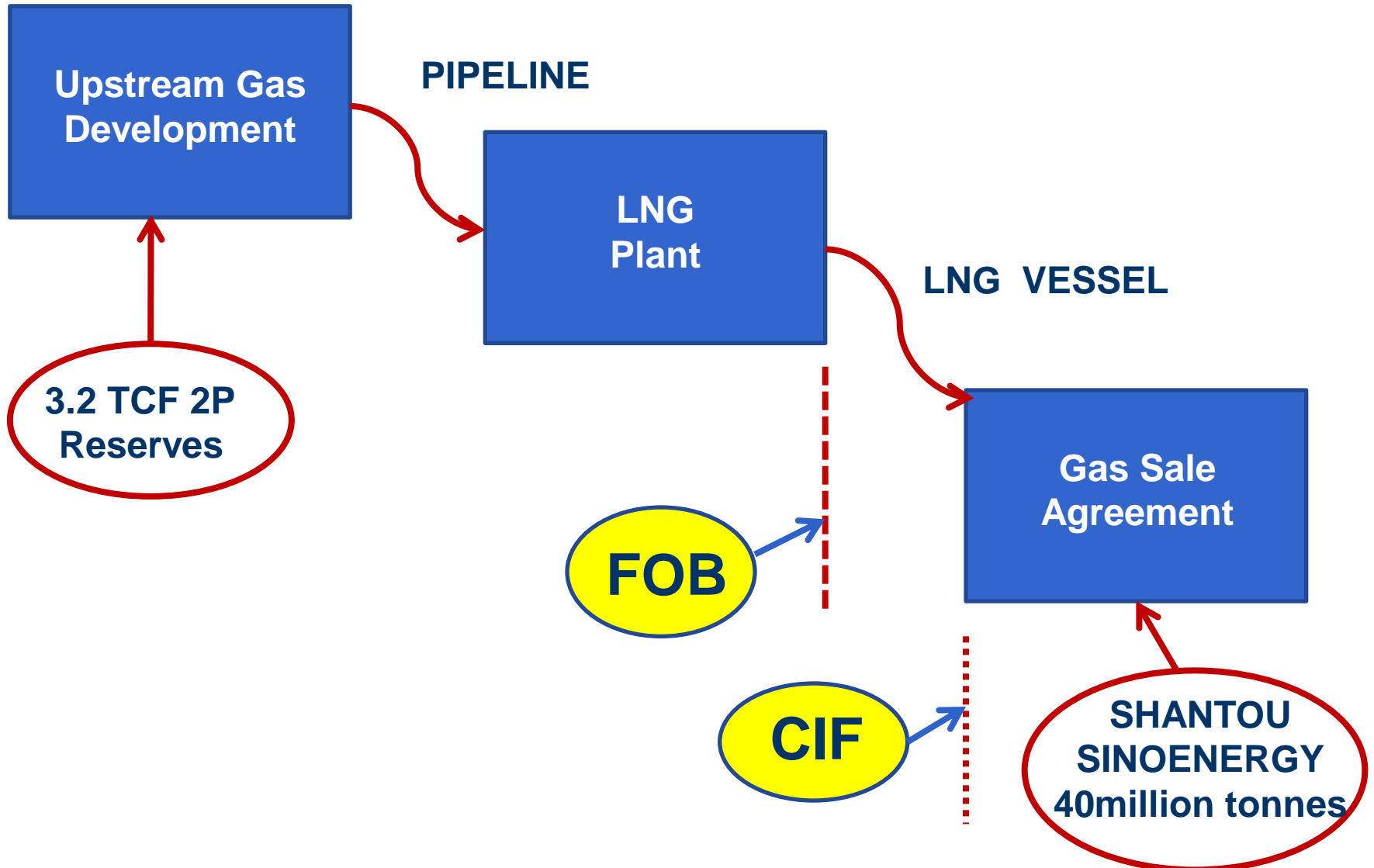
$$1,000 \text{ PJ}$$

1 GIGAJOULE GAS = \$US 3 to 13

ONE TCF GAS = \$US 3 to 13 BILLION



Gas Development For Export





Securing a path to market

➤ **Two customers contracted to take gas**

- Stanwell Corporation
- Shantou SinoEnergy

➤ **Access to Infrastructure**

- ATP 855P is adjacent to the Moomba gas distribution network
- ATP 626P close to the Wallumbilla gas hub
- PEP 170 is close to the Longford gas hub

➤ **Export options**

- Use third party LNG terminal facilities via Gladstone
- Single train LNG facility in Victoria or South Australia

➤ **Victoria**

- Domestic and industrial gas market opportunities



Gladstone Harbour Queensland





Gladstone LNG Project “Fisherman’s Landing”



Proposed Design & Layout



Icon Energy Website



www.iconenergy.com