



EMPIRE ENERGY GROUP

RBS Morgans Noosa Mining & Exploration Conference

July 2013



Disclaimer

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Competent Person Report

For Empire Energy, the information in this presentation which relates to reserves is based on information compiled by Ralph E Davis Associates Inc, Houston, Texas and LaRoche Petroleum Consultants, Dallas, Texas who are certified professional engineers with over five years experience. Neither Ralph E Davis Associates Inc., and LaRoche Petroleum Consultants nor any of the their employees have any interest in Empire Energy or the properties reported herein.



Overview

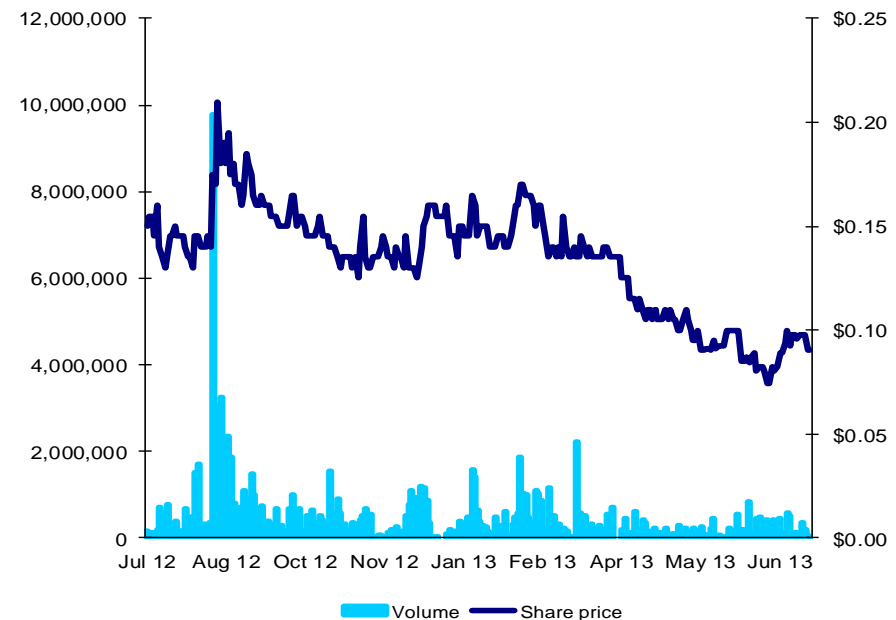
• ASX:EEG OTC-QX:EEGNY

- Share Price = \$0.10
- Mkt Cap = \$30m
- Debt = \$45m
- Cash = \$ 4m
- EV = \$71m
- Grp EBITDAX = \$12.5m
- EBITDAX/Int. = 6.1x
- Shares issued = 304m
- Options issued = 15m (Insiders)

• Shareholders:

Macquarie Bank	17.6%
WYT Noms.	3.5%
Imperial Investments	2.7%
Insiders	3.3%
Total Shareholders	~3,150

Share price and volumes over the past year





Who is Empire Energy?

- ✓ **Growing E&P Company**
- ✓ **Generates Consistent, Positive Cashflow**
- ✓ **Strong Management Team**
- ✓ **Significant Unconventional Potential in the USA and NT**
- ✓ **Asset Value above Current Enterprise Value**

Potential Value many multiples above Current Enterprise Value



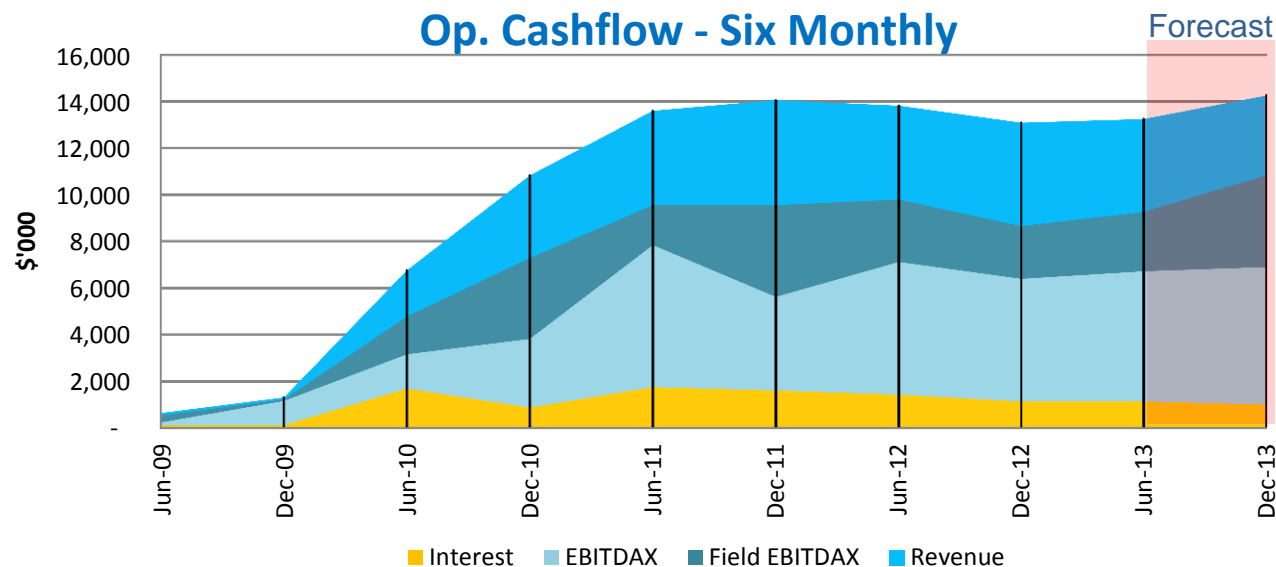
The Assets

	Production	Development	Exploration
EBITDAX 2013	~\$13.5m	N/a	N/a
HBP acreage	275,000 acres	~310,000 acres	N/a
Total acreage	318,000 acres	~400,000 acres	14,600,000 acres
Formations	Conventional	Unconventional	Conventional & Unconventional
Reserves	2P = 11.3mmboe	3P = 80+mmbbbl	N/a
Resources	N/a	>190mmboe	N/a
Targets	N/a	Multi mmboe	Multi mmboe
Location	USA	USA	Australia

US Strategy



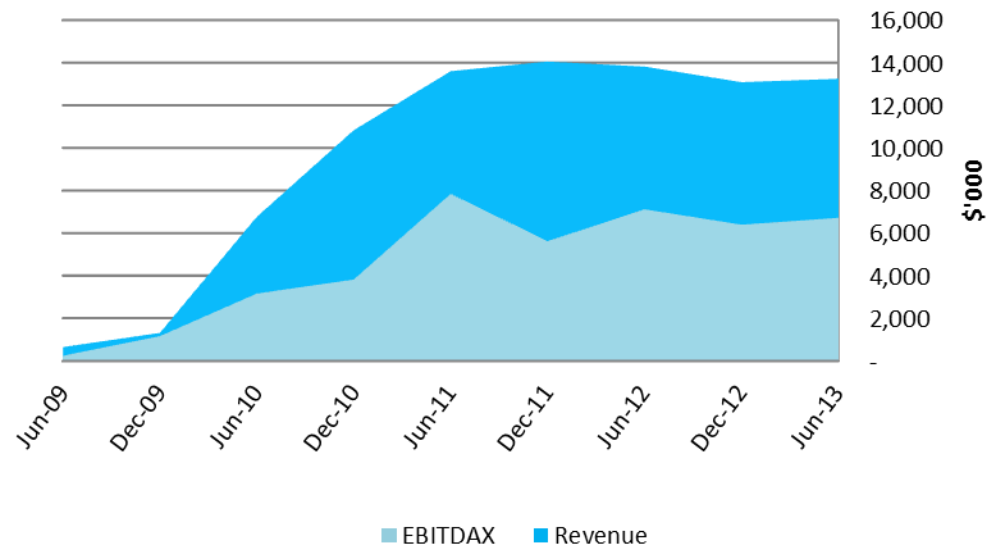
- Strategy – Mid Con conventional oil assets
- Target production – conventional +5,000 boepd
- Acquisition Type - Accretive with no additional G&A
- Acquisition Payback - ~5 years on 1P
- Targets – heavy PDP with additional development opportunities
- Drill bit – development drilling - 8 wells planned remainder 2013
- Hedging – offset leverage for each acquisition
- Leverage – existing \$150mm credit facility, drawn to \$45mm



US Operations - Overview

- US Forecast full year 2013
 - Revenue = \$25.0 million
 - EBITDAX = \$13.5 million
- Oil/Gas Revenue 67%/33%
- Production = 1,411 Boe/d
- 2P = 11.3 MMBoe
- 2P PV10 = \$139 MM
- +2,000 wells = low production risk
- Active Hedging

Op. Cash Flow - Six Monthly





US Production & Reserves

- Est. Production 1H2013 = 248,000Boe
 - 85,000 Bbl
 - 980 MMcf

- 1P = 9.3 MMBoe
 - PDP = 8.5 MMBoe
 - PDNP = 0.2 MMBoe
 - PUD = 0.6 MMBoe

- 2P = 11.3 MMBoe

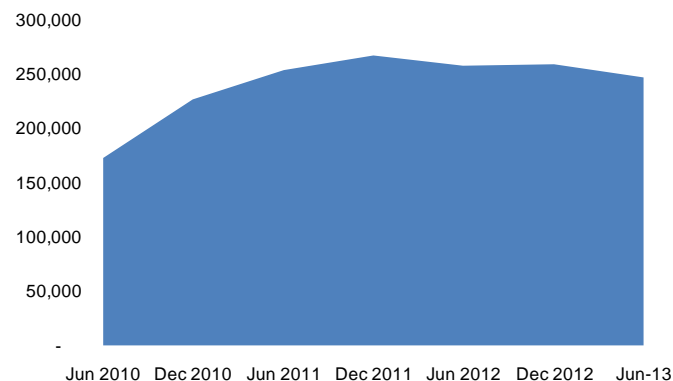
- 3P = 81.3 MMBoe**

**includes ~77MMbbls Possible Reserves calculated for New York Marcellus Shale, but subject to fracking Moratorium

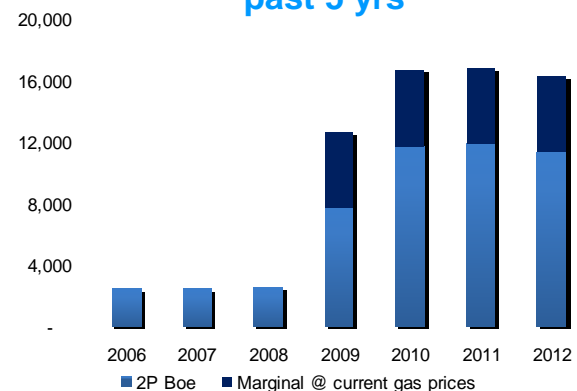
- Long life, slow decline
- Reserves/Production = 22.9 years

Reserves & Resources independently calculated by RE Davis & Associates and LaRoche Petroleum Consultants

BOE production half yearly



2P Reserve Growth over the past 5 yrs



US 2P Economics



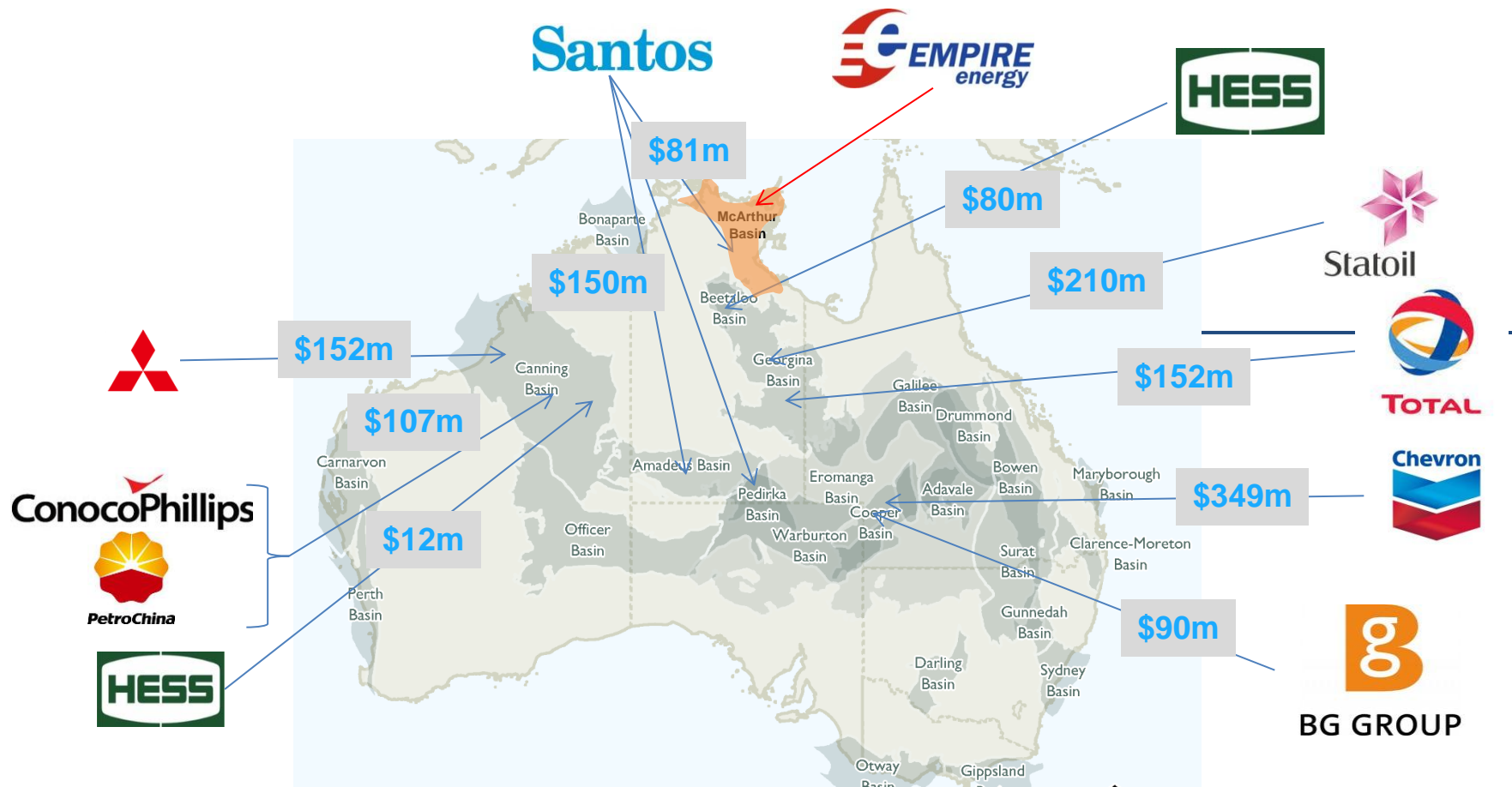
- Natural gas reserves converted under SEC guidelines of 6Mcf = 1 Bbl

Net Reserves and Net Present Values							
Reserve Category	Oil MMBbl	Gas MMcf	Total MMboe	Current Boe/d	Capex \$mm	PV0 \$mm	PV10 \$mm
PDP	2,9	34,3	8,3	1,446	-	212,7	93,2
PDNP		0,3	0,3		1,9	14,2	5,7
PUD	0,6	0,1	0,6		10,0	29,4	15,4
Total Proved - 1P	3,5	34,7	9,2		11,9	256,3	114,3
Probable	0,9	7,6	2,2		19,4	73,3	24,8
Total Proved - 2P	4,4	42,3	11,4		31,3	329,6	139,1

Australia - Shale Basin Activity



Majors committing to multi-phase exploration and appraisal programs



Phases and maximum expenditure based on milestones and programs with capped budgets

Why the McArthur Basin?

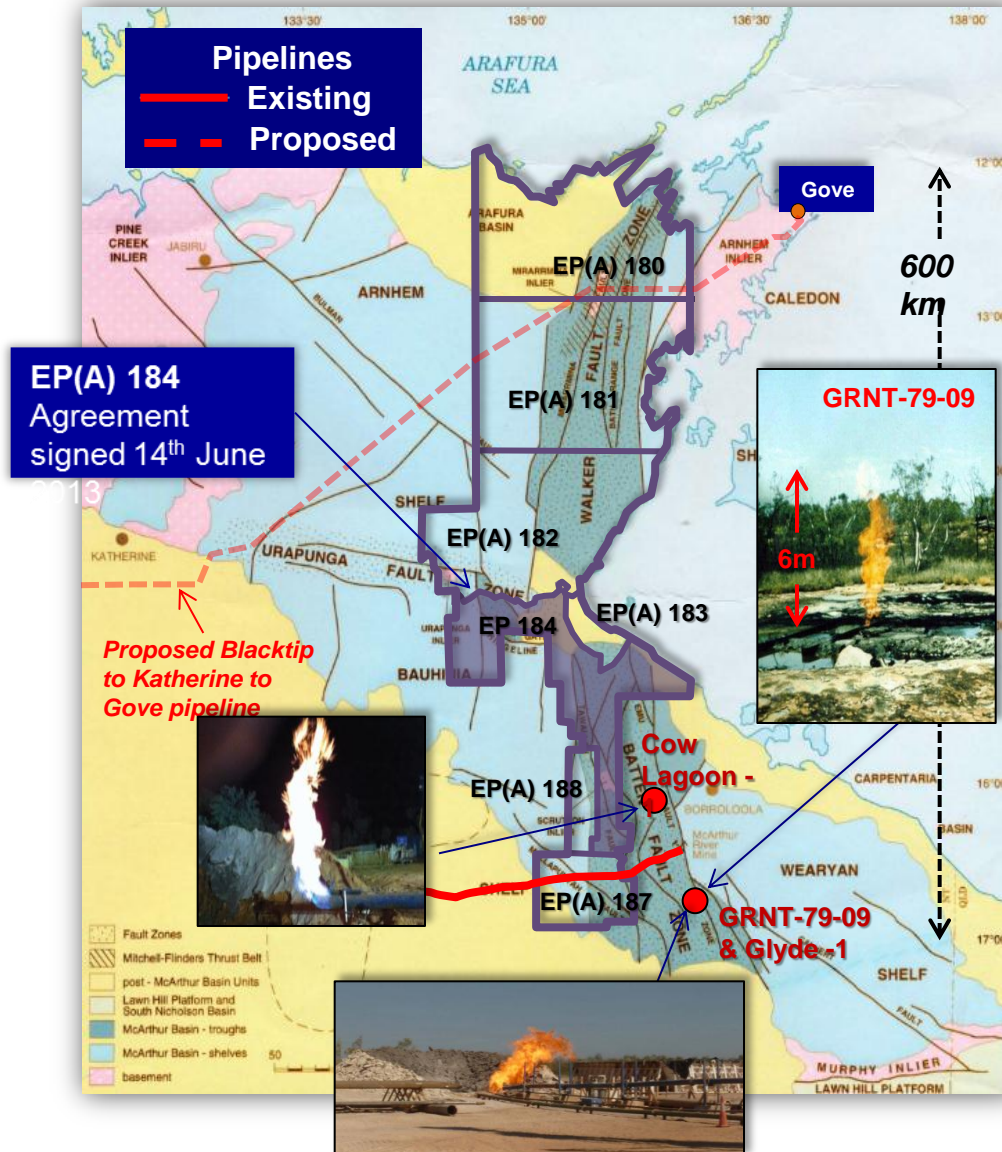


Proven Petroleum System

- Barney Creek Fm
- 1.64 Billion years old
- Up to 900m thick

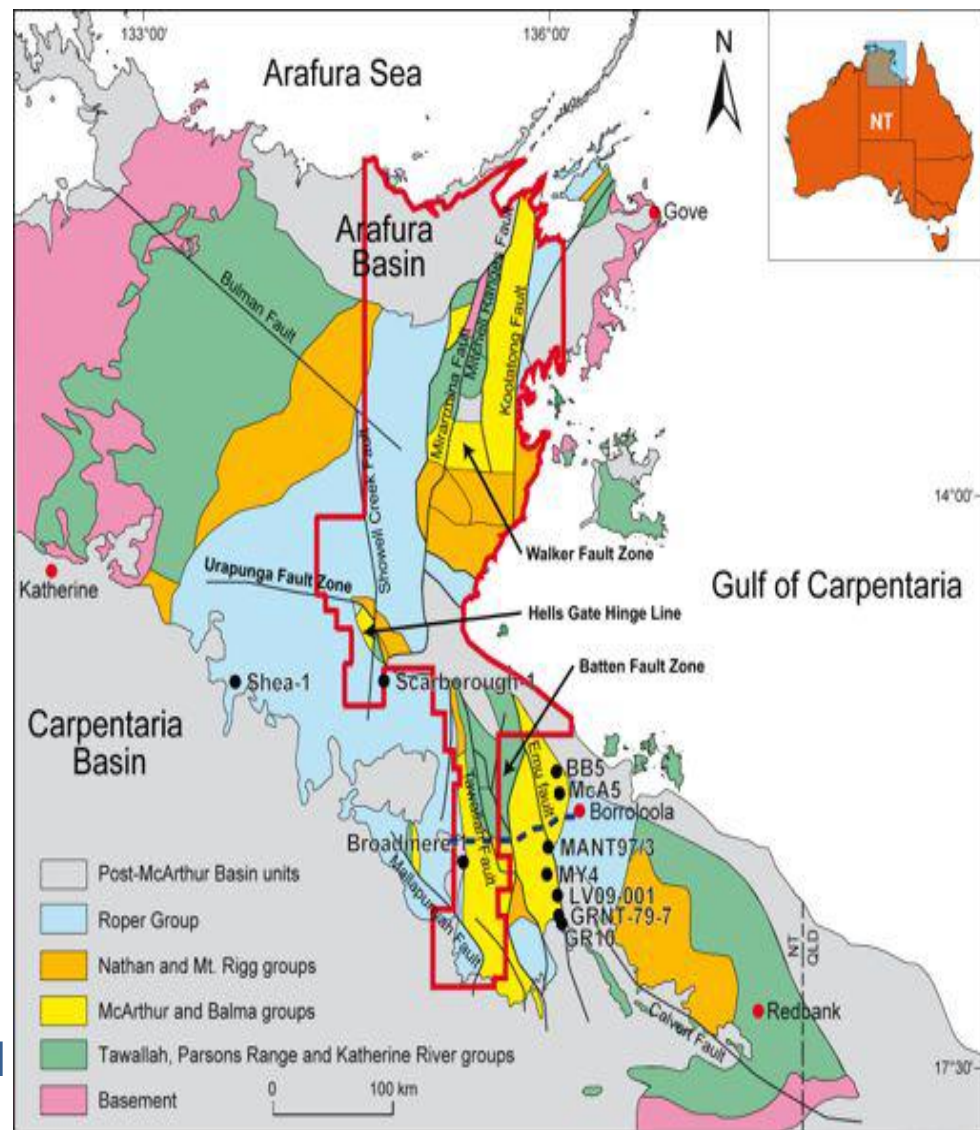


- Velkerri Fm
- 1.43 Billion years old
- Up to 600m thick



McArthur Basin Profile

- Leases - 14.6 million ac (59,000km²)
- WI=100%
- Northern portion totally unexplored
- Identified numerous conventional anticline, 4 way closed structures
- Conventional/Unconventional targets
- Barney Creek Shale up to 3,000' thick
- On volumetric terms - similar size to entire Marcellus Basin
- Effective fracking depths ~7,000ft
- Development strategy being completed





Gas Market – Northern Territory

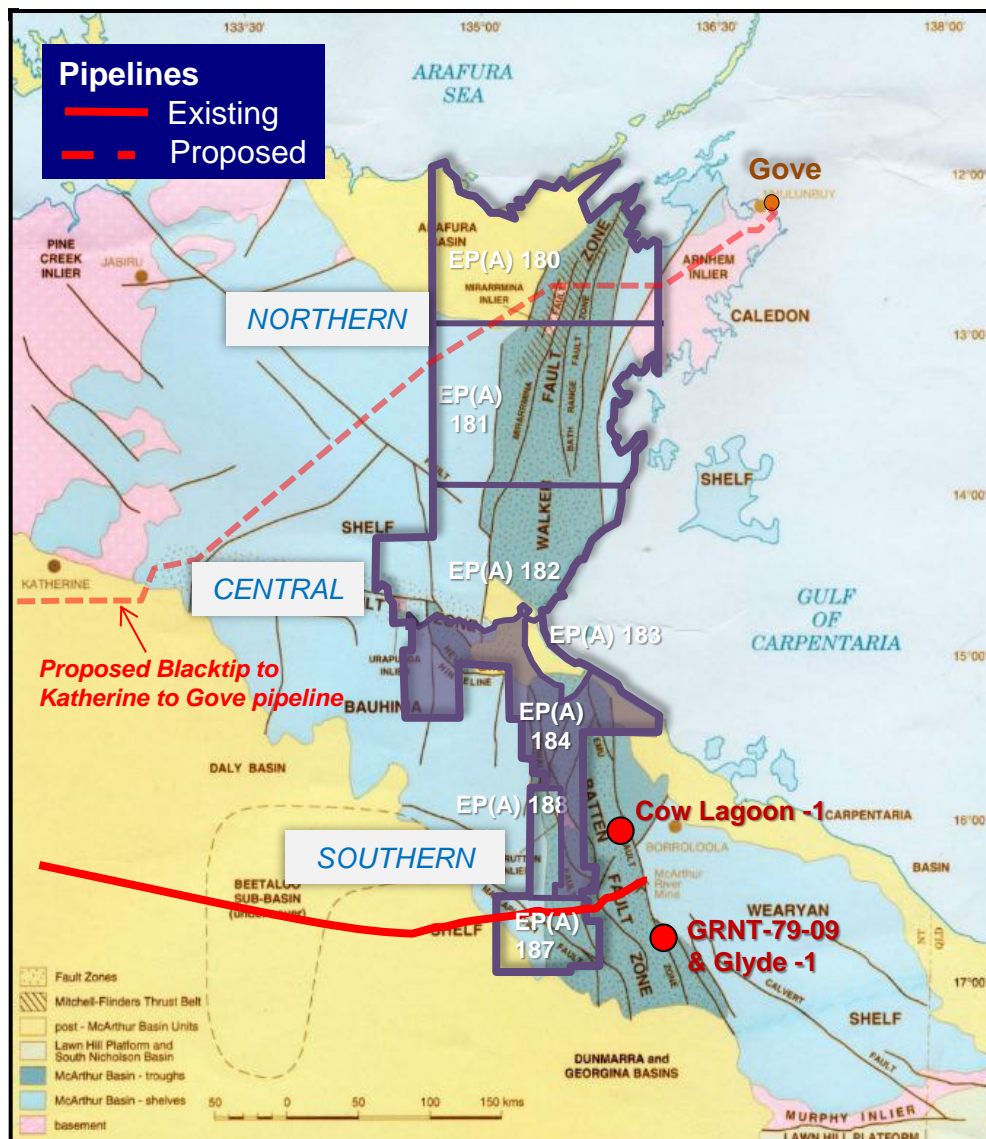
1 LNG – Northern Territory

- Darwin a regional gas hub
- ConocoPhilips ~4m tpa
- Inpex/Total et al ~6.8m tpa
- The current LNG plants:
 - plan additional trains
 - require long term gas supply
 - only 500km overland to McArthur Basin
- Pipeline to be built from Darwin to Gove?
 - Federal and NT Govt funded
 - through 2 of the Company's tenements

2 Monetisation

- Liquids – Road to Darwin
- Gas Demand:
 - Regional mines
 - Gas to Gove
 - LNG plants, Darwin
 - Curtis Island - CSG alternative?
- Gas other uses:
 - urea, ethylene etc

A Clear Strategy



- **3 distinct exploration corridors**
 - Geological
 - Define resource density
 - Leverage infrastructure & customer
- **Rigorous technical focus**
 - Program with Adelaide Univ Research Grp
 - Segments with organic enrichment
 - Oil vs gas maturity
 - Basin fill sequence architecture
 - Chronostratigraphy of shale targets
 - Basin structure - shale thickness & depth
 - Potential conventional traps identified
 - Reservoir deliverability
- **Planned extended well test**
 - Determine production sustainability
 - Target gas to local consumers
 - First steps toward commercialisation
- **Strong regional focus**
 - Indigenous training & jobs
 - Cultural heritage & art
 - Environment & water



Basin Farm-In Comparables

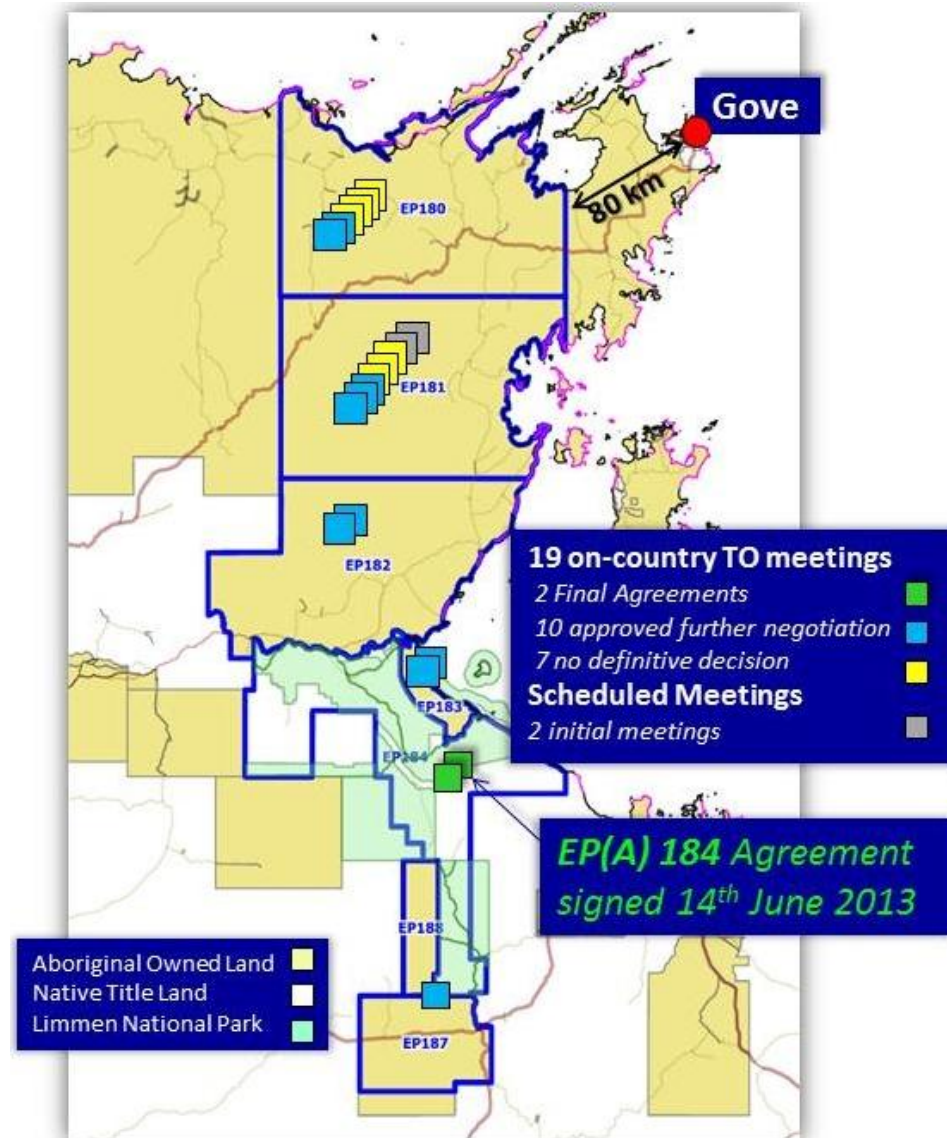
The BOOM in Australian Shale Activity...

Incoming JV / farm out	Basin	Date	Amount	Net Acreage	US\$ / Acre
Mitsubishi / Buru Energy	Canning	Jun 2010	A\$102m	9,200,000	\$11
CNOOC / Exoma	Galilee	Dec 2010	A\$50m	3,315,000	\$15
Hess Corp / Falcon	Beetaloo	Mar 2011	US\$93m	3,891,000	\$24
BG / Drillsearch	Cooper	Jul 2011	A\$90m	300,000	\$315
Beach / Icon	Cooper	Jul 2011	A\$14m	165,000	\$80
Conoco / New Standard	Canning	Sep 2011	US\$110m	8,336,000	\$13
STATOIL / PetroFrontier	McArthur	Jun 2012	A\$210m	9,165,000	\$23
Santos / Central Petroleum	Amadeus	Oct 2012	A\$150m	19,000,000	\$8
TOTAL / Central Petroleum	Sthn Georgina	Nov 2012	A\$190m	4,100,000	\$46
Chevron / Beach	Cooper	Feb 2013	US\$349m	623,000	\$1295
Average \$/ac (excluding Cooper Basin)					\$16

Traditional Owner Negotiations

- Arnhem Land - Heart of Aboriginal Culture
- Total indigenous population ~10,000
- 47,952km² Aboriginal Land (80%) with negotiations progressing
- Agreement signed on 14th June 2013 for 11,220km² Native Title - EPA 184
- Expected licence approval timetable

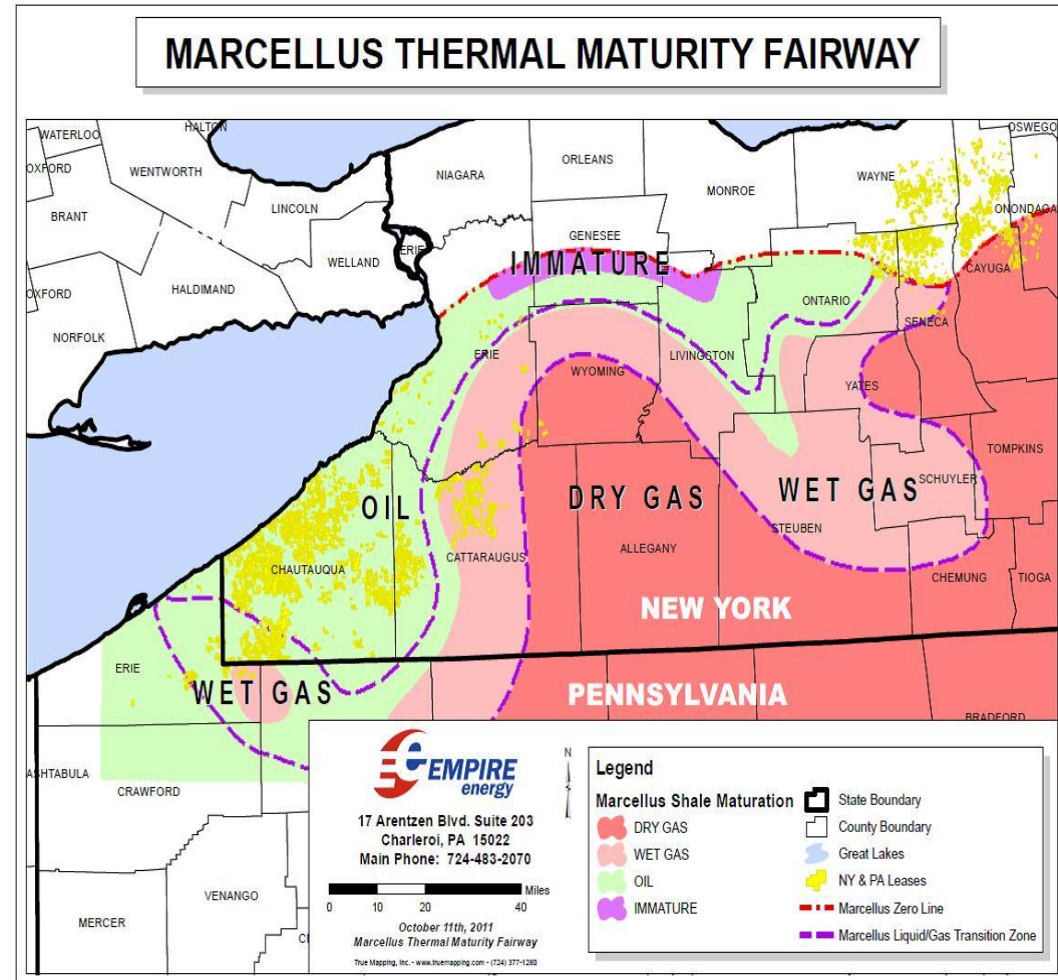
EPA 180/182	4Q 2013
EPA 181/183/187	1Q 2014
EPA 188	unknown
- Strong relations developed throughout the Arnhem Land region



Unconventional: Marcellus Shale – NY/PA



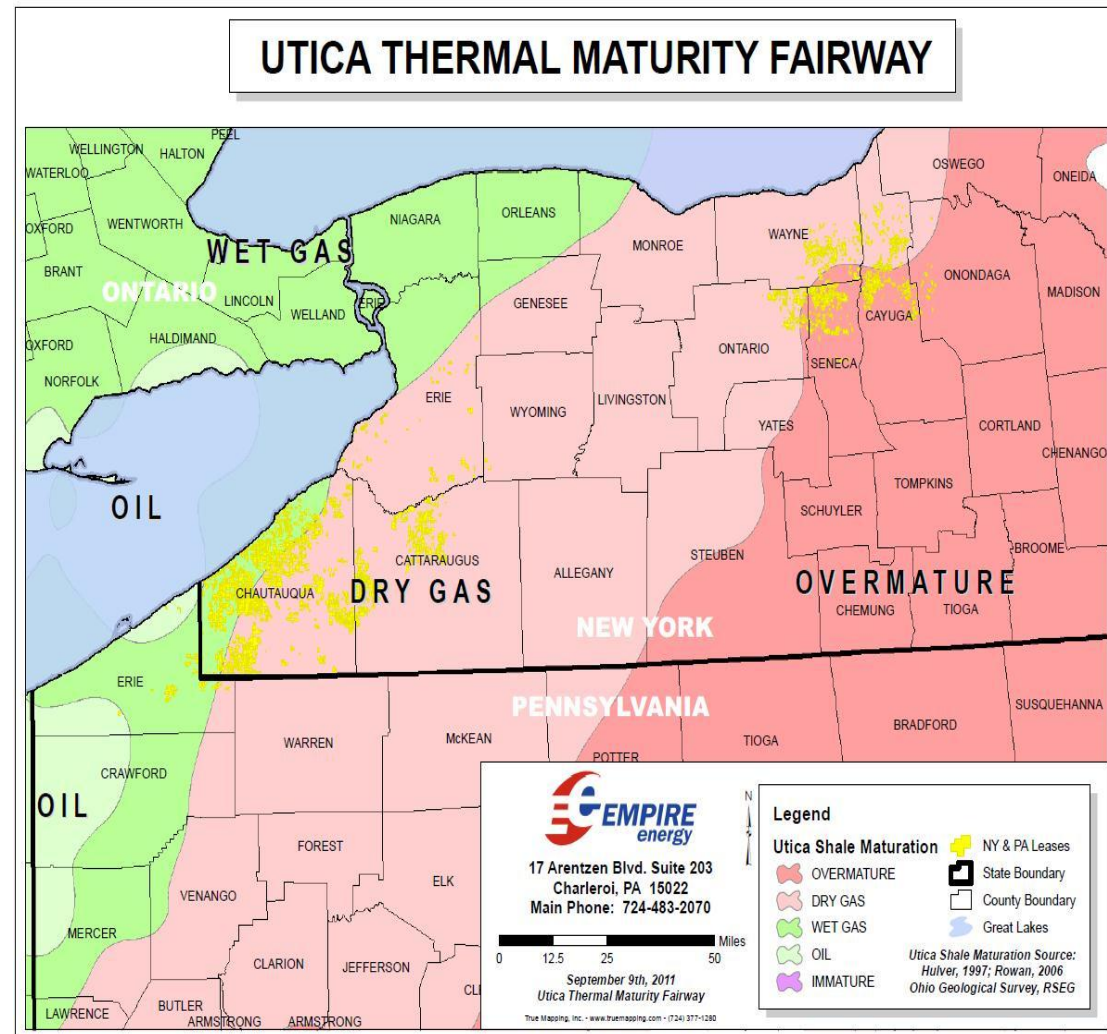
- ~224,000 gross acres
- WI = 99%
- ~89% of acreage HBP
- Minimal holding costs
- Majority leases in oil/wet gas zone
- Possible Reserves +77 MMBbls recoverable
 - Assumed 3% recovery factor
 - Based on 100,000 acres
- Fracking Moratorium currently in place in NY State



Unconventional: Utica Shale - NY/PA



- Utica higher carbonate/less clay than Marcellus
- ~198,000 gross acres
- ~50% of leases HBP
- Minimal holding costs
- Leases across all maturation zones
- Thickness = 200-300ft
- Gas Resource P50 GIP = 4.6 Tcf
 - Based on 40,000 acres
 - Or, ~190 MMBoe recoverable
- Fracking Moratorium currently in place in NY State





Cash Flow – 6 monthly

- Empire Energy operator of 99% of assets
- Drilling program to ensure IDC's reduce taxable income

Description	Jun 2010	Dec 2010	Jun 2011	Dec 2011	Jun 2012	Dec 2012	Jun 2013(1)
Net Production:							
Oil Production - Bbls	414	55,657	88,331	90,467	92,495	90,426	84,774
Gas Production - Mcf	1,037,346	1,029,016	992,909	1,065,380	992,587	1,011,993	981,298
Empire Production - Boe	173,305	227,160	253,816	268,030	257,926	259,092	248,323
Total Revenue: \$US	6,743,026	10,969,102	13,490,076	14,001,758	13,831,870	13,350,549	13,246,441
Production Taxes	220,145	390,028	661,476	506,920	676,873	656,436	621,467
Production Costs	2,300,922	3,385,641	3,105,653	3,588,544	3,336,951	3,335,404	3,363,895
Other Operating Costs	95,675	309,286	1,109,673	1,100,717	993,543	1,180,244	929,175
Operating EBITDAX	4,126,285	6,884,147	8,613,275	8,805,577	8,824,503	8,178,465	8,331,930
Operating Margin	61%	63%	64%	63%	64%	61%	63%
Field G & A	247,724	300,392	261,528	252,034	303,282	288,178	390,413
Corp G&A, Leasing, Geology	1,099,018	1,935,347	1,418,270	1,499,950	1,392,361	1,381,533	1,221,671
EBITDAX - Per Production Date	2,779,543	4,648,407	6,933,477	7,053,593	7,128,860	6,508,753	6,719,846
	41%	42%	51%	50%	52%	49%	51%
Price per unit (before hedging):							
Sales -Oil (\$/Bbl)	\$71.59	\$79.66	\$92.91	\$86.79	\$92.24	\$84.49	\$88.14
Sales - Natural gas (\$/Mcf)	\$4.97	\$4.36	\$4.47	\$3.96	\$2.79	\$3.32	\$3.96
Reconciliation to Group Statutory Accounts:							
EBITDAX - Per Production Date	2,779,543	4,648,407	6,933,477	7,053,593	7,128,860	6,508,753	
EBITDAX - Per EEUSA statutory accounts (2)	29,535,312	5,000,202	8,844,853	6,393,246	7,029,461	7,114,900	
Net HQ Income/(Expenses)	84,112	(1,167,806)	(1,017,706)	(738,446)	(772,573)	(408,790)	
EBITDAX - Per Consol statutory accounts	29,619,424	3,832,396	7,827,147	5,654,800	6,256,888	6,706,110	
Interest Expense	(1,483,776)	(1,332,047)	(1,964,295)	(1,617,149)	(1,308,972)	(1,418,678)	
Non-cash items (Depn, IDC, Depletion, Amort)	(5,875,764)	(3,562,727)	(4,526,695)	(5,189,493)	(6,467,413)	(5,793,335)	
Taxable Income	22,259,884	(1,062,378)	1,336,157	(1,151,842)	(1,519,497)	(505,903)	

(1) un-audited results for six months to June 2013

(2) Includes asset sales of \$23.5MM in June 2010 and \$1.1MM in June 2011



Valuing Empire

Appalachia (gas), Kansas (oil) Conventional

Current production, further development drilling, further acquisitions

Production

PV10 (2P) = \$139m
6.5x Field EBITDAX = \$88.0m
2P @ 15/bbl + \$0.75Mcf = \$96m

Appalachia (NY) Unconventional

Shale oil – 70mmbbls+
Shale gas – 5tcf+ GIP
(Fracking Moratorium Phase)

Development

400,000 acres @ \$50/ac = \$20m
3P + 2C @ \$0.25 / Boe = \$70m

McArthur Basin Unconventional

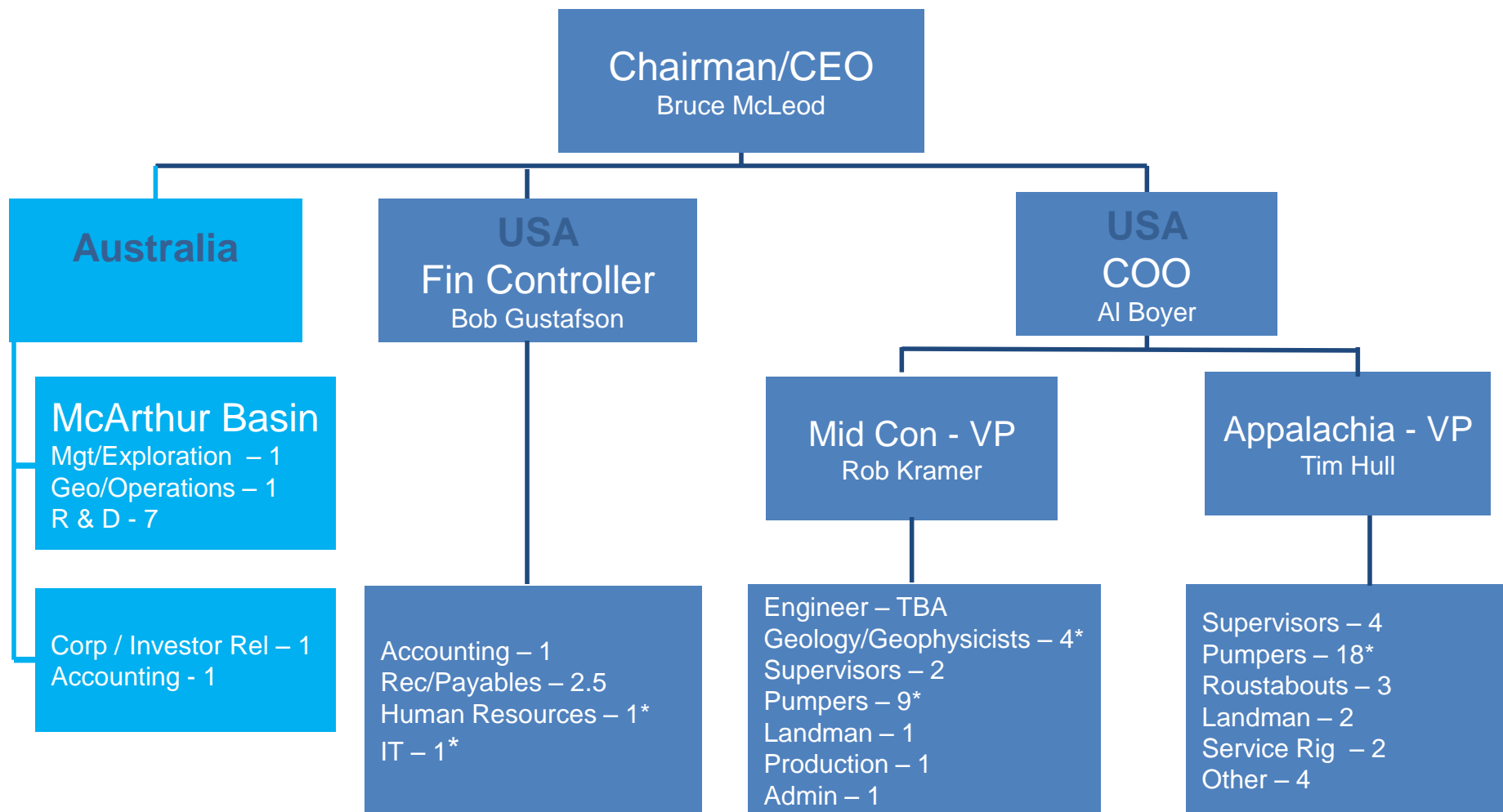
Shale oil / gas
Multi MMbbl / Tcf targets
(Agreement Phase)

Exploration

14.6m acres at \$2.00/ac = \$30m

The current Market Capitalisation of Empire is \$30m and the Enterprise Value if \$70m

Organisation Structure



Note: * Some contractor positions



Key Personnel - USA

Bruce W McLeod , Chairman/CEO

1982 - B.Sc, B.Com, M.Com (Econ), University of Auckland.

2006 – Present - Empire Energy Group Limited responsible for operations in Australia and USA.

1988 – 2005 extensive experience in the Australian Corporate and Resource Capital markets. Involved in the acquisition, rationalisation and management of listed and unlisted companies, as well as raising debt and equity capital for resource and property projects and other businesses in Australia, New Zealand, China and Vietnam.

1983 - 1988 BA Australia Limited, subsidiary of Bank of America, Executive Director, responsible for the financial and capital markets operations.

1981 – 1983 – securities trading in New Zealand.

Allen C. Boyer, SVP/COO

2007 to present - responsibilities include oversight of all operations within the continental USA. Supervise the activities of management personnel in order assure the business ethics standards of the Company are adhered to and to further develop their management style to mirror that of Senior Management. Constantly seeking new opportunities for the company, as well as expanding Empire's industry network.

1967 – Present extensive experience in all operational aspects of the oil and gas industry, including well site activities, leasing and land agreements, pipeline and compressor construction

2004 – Present American Natural Resources, LLC holding wells drilled from the 1990's

1994 - 2004 US Energy Exploration – New prospect evaluation. Drilling programs ranged from 65 to 120 wells per year.

1998 - 2001 EOG Resources Appalachia, Inc. - project engineer drilling over 200 wells in approx. 24 months and supervised construction of over 35,000 feet of new gas transmission lines.

1996 - 1998 Rochester & Pittsburgh Coal Company (Fortune 500 Company) – evaluation and ultimate sale 44,000 acres of oil & gas holdings.

1988 - 1992 Canyon Natural Gas – restructured financially troubled oil & gas production company in Ohio.

1980 - 1983 TURM OIL, Inc. General Superintendent responsible for field operations.

1967 - 1983 The Peoples Natural Gas Company - Various career titles and duties including the supervision of construction of new pipelines and renewal of existing pipelines. Supervised service rig work on clean-out, drilling, fishing, and plugging operations.



Key Personnel (cont.)

Anthony Crisafio, Consulting CFO

2006 to Present - serves as an independent financial consultant, providing financial oversight to the Company. Director of PDC Energy Inc, an oil and gas company with operations in the Appalachians, Michigan and the Rocky Mountain Region. Prior he was a Partner with Ernst & Young.

Robert Gustafson, Financial Controller

1975 – B.Sc. Accounting, Rider University.

2011 to Present - responsible for the company's financial, human resources and corporate activities.

2000 – 2011 Wheeling Pittsburgh Steel. Manager of Financial Accounting, responsible for the internal and public financial statements of the company, including SEC reporting.

1997 – 2000 T.W. Phillips Gas – Vice President Marketing and Government Reporting, responsible for natural gas sales and marketing, purchased gas cost filings, and transportation tariffs.

1990 – 1997 Columbia Energy Services. Controller, responsible for all back office functions including Accounting, Human Resources, Facilities Management, Information Technology, and Purchasing.

1986 – 1990 Equitable Resources Energy Company (EREC) – Accounting Manager, responsible for the financial accounting of 3 EREC subsidiaries and the implementation of an integrated financial computer system.

1980 – 1986 Gulf Oil, various accounting positions experience.

Tim Hull, VP Appalachia Region

2009 to Present - responsible for Appalachian operations. Involved in all aspects of the oil and gas exploration, production and transportation sector in North Eastern USA for over 25 years.

1995 – 2009 District Manager for Range Resources responsible for day to day management of all New York State oil and gas operations.

1983 – 1995 Lease Operator for several E&P companies, Envirogas, Dest Exploration, Chautauqua Energy, Berea Oil & Gas

Professional Membership: a director member of IOGA (New York).



Key Personnel (cont.)

Robert J Kramar, VP Mid-Continent Region

2002 – B.Sc Industrial Engineering, Kansas State University

2011 – Present responsible for Mid-Con operations, including prospects, workovers, well design, stimulation treatments, new production, regulatory compliance and Land and Geology coordination

2008 – 2011 Anschutz Exploration Corp. Completions and Productions Engineer, responsibilities for regulatory reporting and maintenance well files, normalize bids for all services, coordinating multiple services for stimulation treatments, reserve estimates and economic evaluations for both operated and non-operated wells, budgets (AFE's) for completing a well and installing production facilities, production maintenance and work over scheduling, plugging and abandonment of wells, landowner management.

2004 – 2008 Sanjel (USA) Inc. - Technical Specialist and lead Engineer for Cementing Services, design jobs for all service products offered by Sanjel (Cementing, Fracturing, Acidizing, and Coiled tubing).

2002 – 2004 Schlumberger Field Engineer- Well Stimulation Services, responsible for performing lab tests on cement and fracturing fluids, design of well stimulation treatments, create cost estimates for treatments and submit bids to clients, operate and perform maintenance on all fracturing equipment, supervise jobs on location to ensure that the execution is according to design.

Additional Licenses & Training: Tertiary Oil Recovery Program, Improved Oil Recovery, Mid Continent Drilling and Production Workshop, Horizontal Drilling and Completion in the Mississippi Lime formations, Prentice Training Company for Drilling Supervision & Well Planning

David Hale, Consulting Geologist & Geophysicist

1996 - B.S. Geology, Midwestern State University (Awarded outstanding graduating geologist)

2005-Present Fortress Exploration & Development, LLC - Consultant Geologist & Geophysicist operating in Mid-Con region. 2005 - 2010 Lead geologist and manager of Geosciences for Kansas assets currently owned by Empire Energy. Managed all the producing properties in 17 counties of Kansas as well as multiple oil and gas leases in producing regions of Texas. Developed and explored in and around all established producing areas. Previously developed prospects, designed and supervised 3-D seismic acquisition, interpreted seismic and incorporated geological models to develop sound prospects.

1996 – 2005 worked as a geophysicist in the Permian, Delaware, and Michigan Basin, Ontario, Canada. Prospected primarily for oil in older established oil fields using 2-D and 3-D seismic data.



Key Personnel (cont.)

Denise Cox, Consulting Geologist

1985 M.S. Geology, University of Colorado, Boulder, Colorado, University of Colorado Geology Scholarship, Association for Women Geologists Scholarship. B.S. Geology (honors), 1980, State University of New York, Binghamton, NY, Glenn G. Bartle Geology Award for excellence in geology.

2008 - Present VP Storm Energy, LLC – exploration and development geoscientist specializing in the application of technology to carbonate reservoirs and unconventional resources. Strong leadership in project design, implementation, technical evaluation and maximizing economic value.

2006 - 08 Consultant for Marathon Oil, United Kingdom, evaluate and rank coal and shale gas potential of 8 UK Carboniferous basins.

2004 - 06 iReservoir.com – Littleton, CO, Senior Technical Advisor Reservoir characterization for 3D static geomodels including data gathering for simulation of reservoirs. Clients included, XTO-Apache, Chesapeake, Ellora Energy.

1984 - 2004 Marathon Oil Company – Denver, Houston, TX:

- Powder River Basin (PRB) Business Unit, Advanced Senior Geologist
- Mid-Continent Region, Texas North Louisiana Asset Team, Senior Geologist
- New Mexico Exploitation, Senior Geologist
- Indian Basin Asset Team, Advanced Geologist
- Texas Exploitation Group, Geologist II
- Yates Field Development Group, Geologist I
- Exploration and Production Technology, Associate Geologist
- Consultant/Field Assistant

13 Marathon Oil Company Achievements of Company Excellence Awards

Professional Licenses: Texas Professional Geoscientists License for Geology, License No. 766, State of Wyoming Board of Professional Geologists (via ASBOG examination) PG-3510

Selection of Professional Activities: AAPG Active, 1984, Executive Committee Elected Secretary 2011-2013

Publications: numerous geological papers



Key Personnel (cont.)

Jim Womble, Consulting Geophysicist

1982 - B.S. Geology, minor in Mathematics cum laude, University of Alabama

1990 M.S. Degree in Geophysics from the University of Houston, and Computer Science, Florida State University.

2002 – Present - Womble & Associates consulting in Mid-con region, acquiring, processing, and interpreting these key seismic components to identify hydrocarbons.

1982 – 2002 Union Oil Company of California (UNOCAL), geophysicist at working in Lafayette, Louisiana. Worked with seismic field acquisition and interpretation, including acquiring UNOCAL's first VSP and interpreting their first Gulf Coast 3D seismic survey in 1983. His interpretation efforts led UNOCAL to acquire 161,280 prospective lease acres over the Gulf of Mexico. Development geophysicist for all of UNOCAL's Texas Offshore Gulf of Mexico fields.

Ruth-Ann Womble, Consulting Geophysicist

1982 - St. Louis University, B.S. in Geophysics

1985 - Colorado School of Mines, M.S. in Geophysics

2011 – Present - Womble & Associates - experience in prospect generation, 2D/3D seismic interpretation, structural and stratigraphic mapping, integration of geologic and production data with seismic interpretations, seismic characterization studies and attribute analysis, seismic acquisition design and planning, seismic data processing QC, risk reduction, prospect and asset evaluations, scheduling, budget preparation, and all aspects of project management. Areas of expertise include the Mid-Continent (particularly Kansas and Oklahoma), Permian Basin, East Texas and the SE Texas Yegua Trend.

2005-2011 - McCoy Petroleum Corp, Geophysical Manager

2001-2005 - Marathon Oil Corp, Senior Geophysicist

1999-2001 - NFWMD, Senior Hydrogeologist

1993-1999 - Polyengineering Corp, Senior Geologist

1986-1989 - UNOCAL, Exploration Geophysicist

1982-1986 - U.S. Geological Survey, Geophysicist

Professional licenses include

MS Professional Geologist #109, AL Professional Geologist #179, and FL Professional Geologist #801

Industry Associations: Member of SEG, AAPG, KSGS, and WTGS

Industry Recognition: Diversity Champion Award, Marathon Oil Corp, 2004

Key Personnel - Australia



Dr John Warburton – Director & CEO Imperial Oil & Gas Pty Ltd - 27 years of technical and leadership experience in International Petroleum E&P including 11 years with BP and 4 years as General Manager Exploration & New Business for LASMO-ENI in Pakistan. John's petroleum expertise covers the Middle East, Kazakhstan, Azerbaijan, North & West Africa, Pakistan, Europe, Australia, New Zealand, PNG, SE Asia, China, Korea and Japan. He has published 28 internationally recognised technical articles with particular focus on petroleum exploration in complex fold and thrust belts.

Geoff Hokin – Exploration and Operations Manager, Imperial Oil & Gas Pty Ltd - 9 years experience as a field geologist in the unconventional gas and coal sectors, with various senior geologist roles including Armour Energy Limited, Metgasco Limited and Arrow Energy Limited. Extensive geological and business experience in other operations.

Australian Shale Research Group (ASCS), University of Adelaide, SA – Imperial Oil & Gas has entered into a Research Agreement with ASCS to provide geological and engineering services for Imperial's exploration leases in the McArthur Basin.

• **Professor Martin Kennedy** – Heads up the ASCS. Professorships in geology & geochemistry, University of Adelaide and California. Expertise in carbonate systems & controls of organic rich source rocks. Previously 12 years at a research position at the Exxon-Mobil Upstream Research Company. Recent research on nano - scale processes that control porosity, TOC and frackability in unconventional reservoirs. Members of the ASCS group include:

• **Dr Paolo Abballe** – Full time Imperial Oil & Gas Project Leader focused on geochemistry, sequence stratigraphy and field work interpretation. Extensive experience with a marine geology background with specific expertise in compound specific isotope values of organic carbon in sediments.

• **Dr Rosalind King** - Structural styles & well log records

• **Dr Simon Holford** - Basin scale computer hydrocarbon system models

• **Dr Stefan Loehr** - Research Associate, micro-beam analysis of shale, clay, mineralogy/geochemistry

• **Mr Tony Hall** - Laboratory Manager, Organic & isotope geochemistry

• **Ms Elizabeth Baruch** - (PhD candidate) Unconventional exploration program specialist at Conoco-Phillips



Contact Details

Australia

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Title: Chairman/CEO

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United States of America

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Canonsburg, PA 15317
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Title: Chairman/CEO

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