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## **ASX Announcement**

1 October 2013

#### **Corporate Presentation**

Please find attached Buru Energy Limited's ("Buru") latest corporate presentation.

This presentation and further information on the Company is available on the Buru website at <u>www.buruenergy.com</u>.

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# Focusing on West Australia's Energy Future

27 September 2013



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All dates in this presentation are for calendar years unless stated FY for financial year. All references to \$ are in Australian currency, unless stated otherwise.

#### **Competent Person's Statement**

The information pertaining to reserves and resources contained in this presentation is based on information compiled by Mr Eric Streitberg who is a full time employee of Buru. Mr Streitberg consents to the inclusion of the information in the form and context in which it appears.

Mr Streitberg has over 40 years' experience in petroleum geology and geophysics, oil and gas exploration, and oil and gas company management. He is a Fellow of the Australian Institute of Mining and Metallurgy, a member of the Australian Institute of Company Directors, a member of the Society of Exploration Geophysicists and the Petroleum Exploration Society of Australia, and is a Certified Petroleum Geologist of the American Association of Petroleum Geologists. Information in this presentation has been disclosed to the ASX pursuant to the ASX Listing Rules.

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- 🖋 Ungani Development
- 🖋 Laurel Wet Gas
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- Program and Funding
- Key Messages



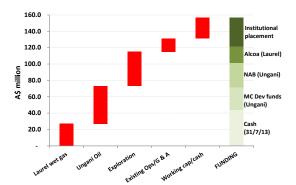
## **Buru – Sustainable Growth Pathway**



- Focus on Ungani development and cash flow
- > Evaluating gas potential and pathway to commercialisation
- Focus on Ungani trend exploration and derisking /ranking other areas ahead of longer term campaign style programs
- Major Capability Build
  - > Quality, proven and highly experienced team
- Fit for Purpose Contracting
  - Dedicated new build rig
  - > Technical/operational/environment/water alliances with world experts
- Fully Funded Program
  - Balance of cash, project financing and work program carry
- Building Long Term Alignment with Traditional Owners
  - Full engagement, respect, transparency and focus on opportunity creation









## **Company Overview**



Corporate details		
Index	S&P/ASX 200	
ASX Code	BRU	
Shares on issue	~298M	
Current share price	~A\$1.70	
Market capitalisation	~A\$505M	
Cash on hand	~A\$70M (no debt)	

#### Share Register – Tightly held, recent placement has assisted greater representation by institutional investors

 Average Daily Volume - ~1M shares traded (3 month)

**Shareholder spread** Management 11% Rest **Top 20** Private Funds 52% 48% Investors 20% 17% 20,000,000 \$4.00 18,000,000 \$3.50 16,000,000 \$3.00 14,000,000 \$2.50 12,000,000 \$2.00 10,000,000 8,000,000 \$1.50 6,000,000 \$1.00 4,000,000 \$0.50 2,000,000 ddd hadi na c \$0.00 aalina fi fillin ka k 0 10<sup>Jan 12</sup> 10 May 12 10311122 10 Sep 12 105ep13 10 Mar 12 10 MON 12 to Jan 13 10 3111 13

Volume -Share Price

## Highly Experienced & Balanced Board Strong Mix Of Technical, Commercial, Legal & Corporate History

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<b>Graham Rile</b> y Independent Chairman	<ul> <li>Previously founding Non-Executive Director of ARC Energy Limited and Adelphi Energy Limited</li> <li>Former Chairman of Giralia Resources NL, and responsible for the spin-off of five independently listed commodity-specific exploration projects, until acquired by Atlas Iron Limited in early 2011</li> <li>Currently Chairman of Gascoyne Resources Limited, Non-Executive Director of Target Energy Limited and Non-Executive Chairman of Entek Energy Limited</li> <li>Extensive experience and prior association with petroleum exploration in the Canning Superbasin</li> <li>Over 10 years experience in commercial law serving as Partner of Legal firm Downing &amp; Downing</li> </ul>
<b>Dr Keiran Wulff</b> Managing Director	<ul> <li>Over 25 years experience in the oil and gas industry in Australia, PNG, Indonesia, Middle East, Asia &amp; North Africa</li> <li>Former Group Chief Operating Officer &amp; Head of the Middle East business unit of Oil Search Limited for 17 years</li> <li>Extensive expertise in the development process from an exploration company to major oil and gas production company with strong leadership, technical &amp; commercial skills</li> <li>Past Chairman &amp; MD of Aligned Energy, a renewable power company in JV with Oil Search in PNG for localized biomass to power projects for social development and base load power to regional centres.</li> </ul>
<b>Eric Streitberg</b> Executive Director	<ul> <li>Founding shareholder. More than 38 years' experience in petroleum geology, geophysics and management of petroleum exploration and production companies</li> <li>Founding shareholder and Managing Director of ARC Energy Limited for 10 years and founding shareholder and Managing Director of Discovery Petroleum NL for 7 years</li> <li>Previously a founding Non-Executive Director of Adelphi Energy Limited, an early participant in the Eagle Ford unconventional gas and oil play in Texas</li> <li>Extensive worldwide project management expertise in technical and managerial roles</li> </ul>
Hon Peter Jones Non-Executive Director	<ul> <li>More than 30 years involvement in the Western Australian resources sector across business and government</li> <li>Former Non-Executive Director and Chairman of a number of listed companies, including founding Chairman of ARC Energy Limited</li> <li>Extensive experience in various government bodies, including roles as Chairman of the Australian Defence Housing Authority and the Water Corporation of Western Australia</li> <li>Previously a member of the Western Australian Parliament for over 10 years, serving in several senior ministerial positions including Minister for Resources Development, Mines, Fuel and Energy</li> </ul>
Austin Miller Non-Executive Director	<ul> <li>More than 20 years experience in the oil and gas industry</li> <li>Previously Executive General Manager Investment and Strategy for Oil Search Limited</li> <li>Extensive experience across a range of strategy, commercial, financial and business development functions</li> <li>Formerly investment banker with Merrill Lynch and HSBC James Capel in Australia and Asia specializing in the oil and gas sector where he worked on a material number of major corporate, asset and capital markets transactions in the region</li> </ul>

## **Outstanding Acreage Position** Balance of oil, potentially world class tight wet gas & exploration



#### A major long term position with tenure certainty

Regional	Continuous basin wide coverage 64,000sq	kms
Acreage	Generally 50% equity and operatorship	

Unique Portfolio

Compliance

- Oil development, gas appraisal, quality exploration
- Multiple play types with high potential

#### Active acreage management – State Agreement

Unique Agreement	<ul> <li>Long term tenure (+25 years)</li> <li>recognises investment to date by JV</li> </ul>
Work Program	<ul><li>Offsetting across permits</li><li>Systematic appraisal - optimal development</li></ul>
Project Facilitation	<ul><li>Commitment to major domestic gas project</li><li>Strong alignment of State Govt with JV</li></ul>
Continued	• Commitment to Native Title, environmental,

heritage, and safety compliance





## **Buru Controls the Highest Potential Acreage**

Highly Prospective & Underexplored



#### Three major petroleum systems

Ungani Oil	High quality conventional reservoirs
Ungain Un	

- Prolific oil source rocks
  - Well defined prospects

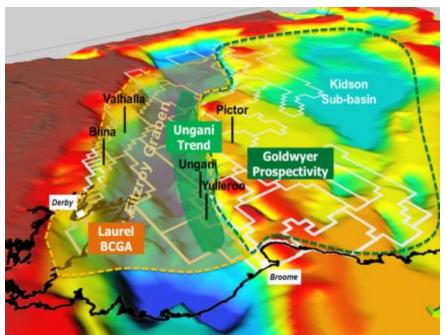
#### Laurel

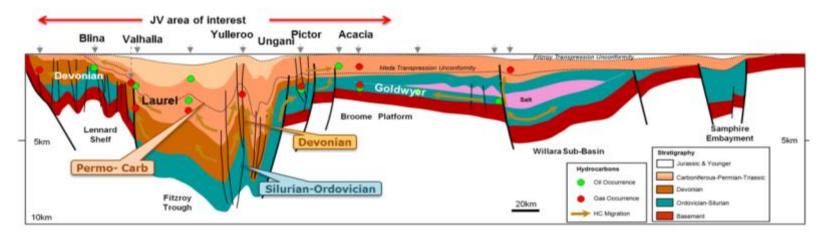
Trend

- Basin-wide tight wet gas accumulation
- Formation Continuity defined by current wells
  - Potential higher deliverability reservoirs
  - Underexplored with huge shale oil potential

#### Goldwyer/ • Acacia

Large scale conventional oil potential in the Acacia Sandstone

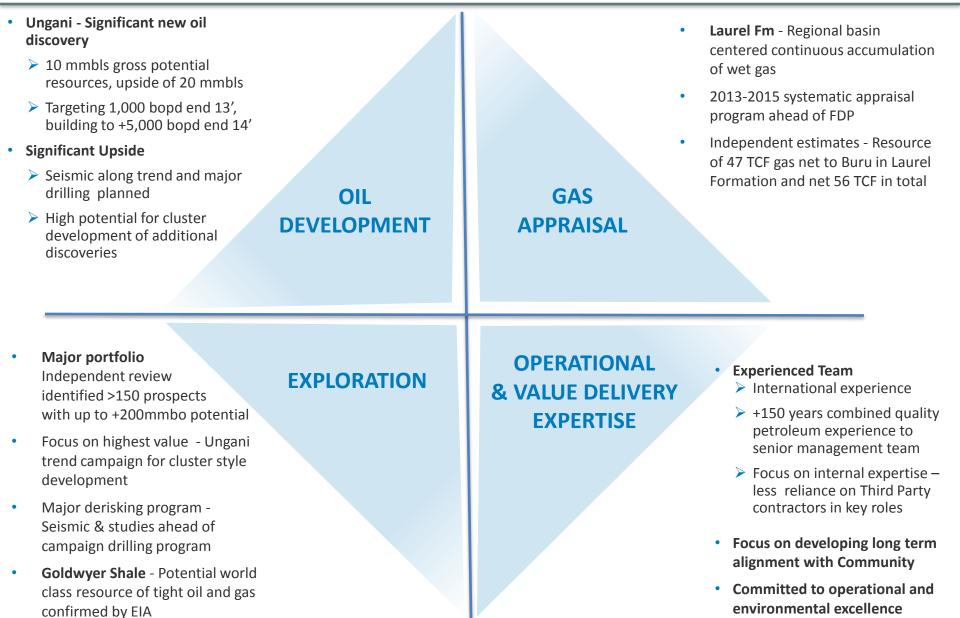




## **Balanced Portfolio & Sustainable Growth**

High Value Oil, Major Gas Appraisal & Quality Exploration



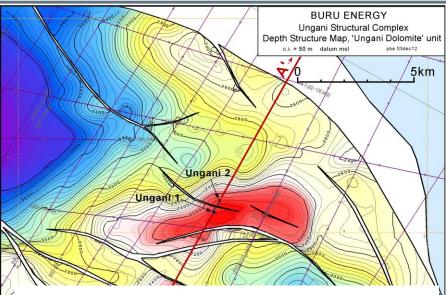


# Ungani Field Background

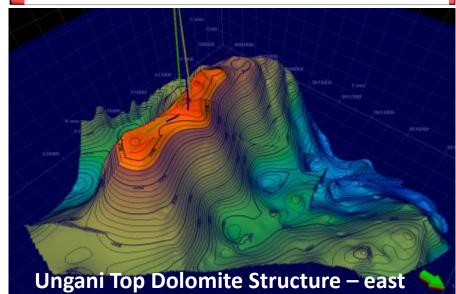
A Significant New Oil Field with Significant Upside & Follow-up



- Discovered in late 2011 and successfully appraised
- Substantial oil column (+50m)
- Buru (operator) 50% /Mitsubishi 50%
- 2 wells in field and Ungani North confirm geographic extent
- Very high quality conventional vuggy dolomite reservoir
- High quality oil: 37 deg API, sweet, high yield crude
- Early Production test (100 kbbls) confirmed high quality reservoir and supported modeling
- Median 10 mmbbls gross potential recoverable resources
- Upside of up to 20 mmbbls will be tested by 3D seismic and appraisal well



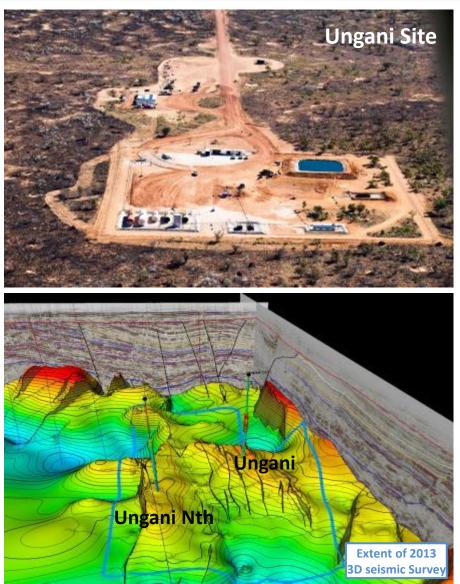
#### **Ungani Top Dolomite Depth Structure**



## **Ungani Phase 1 Development** A phased development linked to an active funded program



- Planned EPT production to restart in 4Q/2013
- 3D seismic being acquired over Ungani and Ungani North
- Workover of the Ungani 1 and 2 wells Oct
- Ungani North 1 test planned
- Existing facilities being upgraded
- Ungani 3 vertical appraisal well planned for December 2013
- Oil trucked to Northwest export point (location under negotiation)
- Staged FID to be taken at completion of Ungani 3 well
- Buru's share of Phase 1 costs (estimated at net \$10 million) to be refunded by Mitsubishi post the FID decision expected to be in the first quarter of 2014
- Planning for Phase 1 of 1,000 bopd building to 3,000 bopd in 2014



Top Reservoir Subsurface Map 3D View from the west

## **Ungani Phase 2: Full Field Development**

Major production increase and export from local port



#### Post FID (after U3 vertical) Facility Upgrade

- Dedicated water recycle well drilled
- Establishment of permanent high volume export route
- All weather operation pipeline to highway and loading bay
- Staged FID process for full field recovery and production
  - Target 3,000 bopd during 2014, increasing to 5,000 bopd by the end of 2014
- First horizontal well from either Ungani 3 well bore or the central pad
  - Two additional horizontal wells required for full recovery
- Possible additional water recycle well

#### **Development Funding**

- Initial pre-FID expenditure (~\$10 million Buru share) funded from cash reserves
  - > At FID, Mitsubishi refunds this expenditure to Buru
- Post FID decision further funding from a combination of Mitsubishi funding (up to \$27.5 million including pre-FID payment) and Reserve Base Loan Facility
- Field will be strongly cash generative through all phases



Buru engineers testing Ungani crude oil

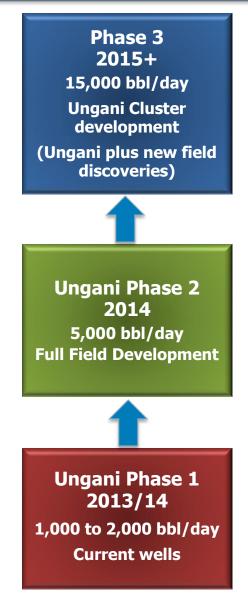


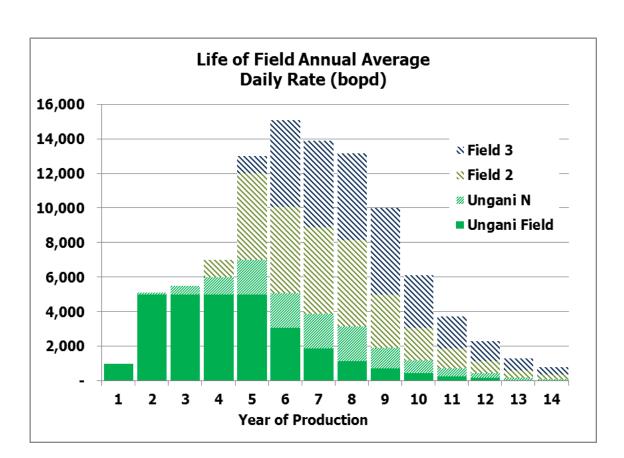
BRT road train delivering Ungani oil to BP refinery

# Ungani Oil Development

Clear Value Realisation & Growth Path







Potential World Scale Tight Wet Gas & Shale Oil

Massive tight gas and unconventional oil potential



The US Energy Information Agency ("EIA") identifies the Canning Superbasin as the largest "shale" or unconventional gas potential in Australia

> Recent EAI update confirms Canning as having highest potential in Australia

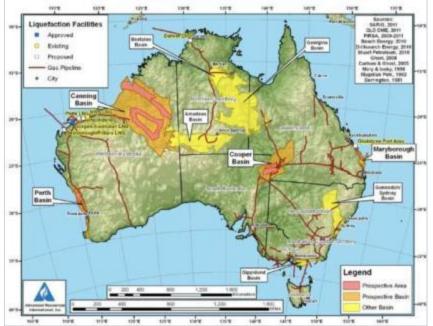
Independent **Resource review** of Goldwyer Shale

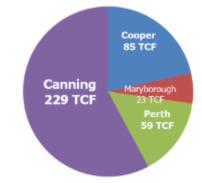
Independent review of Laurel **Formation tight** gas resources

- NSAI independent estimate of unrisked Median Prospective Recoverable Resources net to Buru (Goldwyer Shale)
  - **7.2 TCF** of gas
  - > 4 billion barrels of oil
- Laurel Formation resources net to Buru:
  - > +47 TCF of gas; and
  - **+1 billion bbls** of liquids

Other unconventional plays under evaluation

- Gogo Shale source for Blina Field oils
- Noonkanbah Shale best source rock in the basin outside Ungani oil source
- Bongabinni localised high quality source • rock



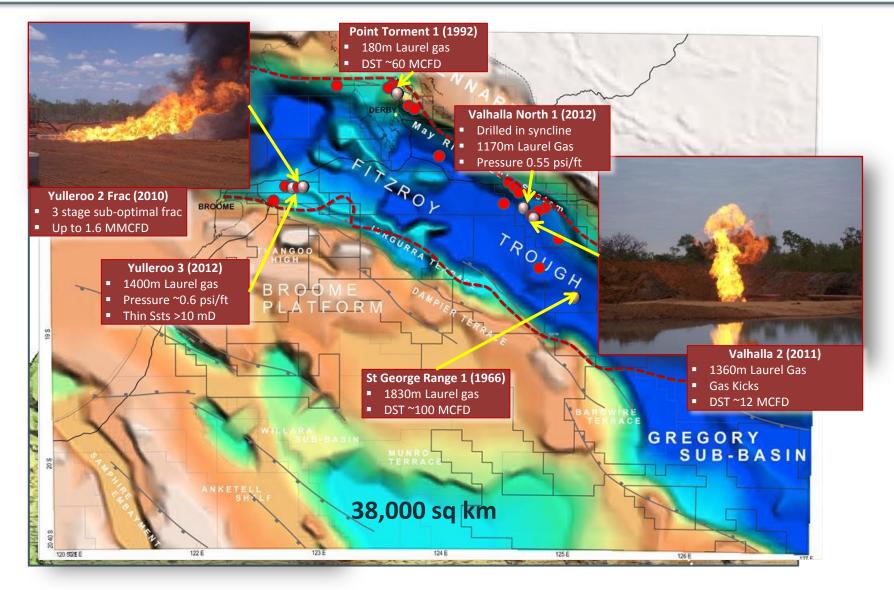


EIA estimate of prospective resources by basin (shale resources only) – not including tight gas

## **World Class Basin Centred Gas Potential**

Systematic evaluation of Laurel tight wet gas



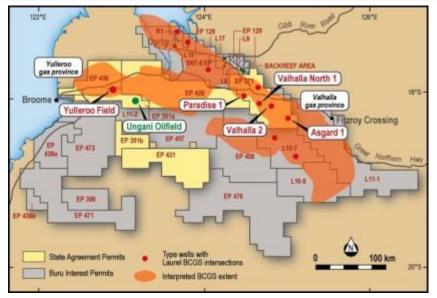


### Laurel Gas - A Potential Strategic Resource Independent analysis suggests potential >40+Tcf net Buru

BuruEnergy

- Background -Potential World Class Accumulation
- Defined by Buru/MC JV drilling of six wells
- Extensive overpressure at drillable depths
  - Sweet gas , low CO2, no H2S, high liquids

- Extensive baseline modelling
- Best practice reviews
- Community Engagement
- Preparation for Specialist Alliances world class expertise
- **Appraisal Process** Stimulate up to five wells and flow back
  - Possible Conventional reservoirs testing
  - Long lead and operational planning underway
  - Deliverability tests during 2014
- Key elements present for • commercialisation •
  - High gas prices and markets
  - High liquids content
  - Focus on well costs and logistics
    - 2014 cost up to \$27 million (Buru share)
    - \$20 million released from escrow to cover majority of Buru's costs



Location of Laurel Basin Centred Gas System in the Canning Superbasin

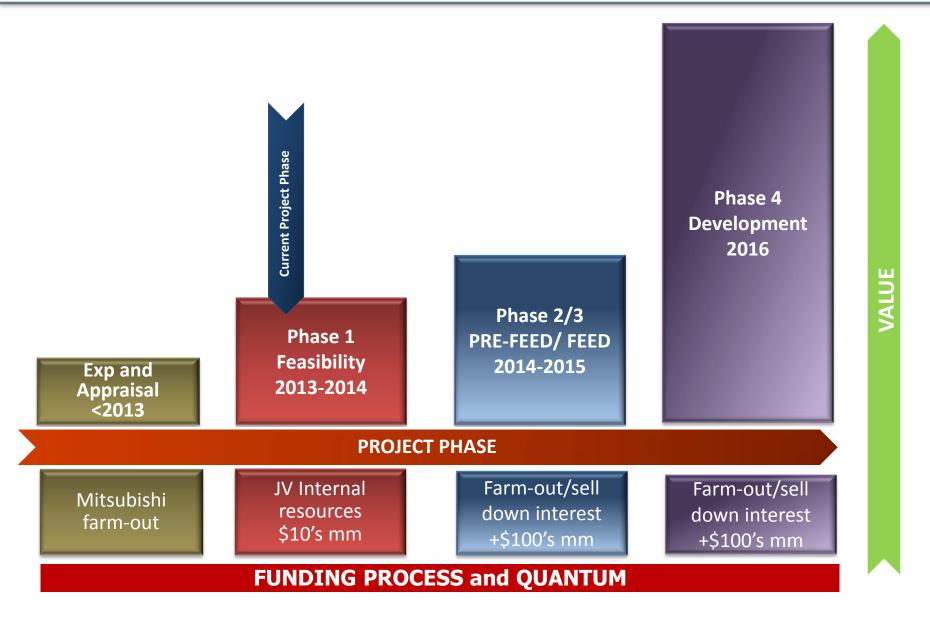


Ensign Rig 32 drilling the Yulleroo 3 well

#### Funding

### **Rapid Laurel Gas Value Growth** *Systematically derisking leading to major value creation*

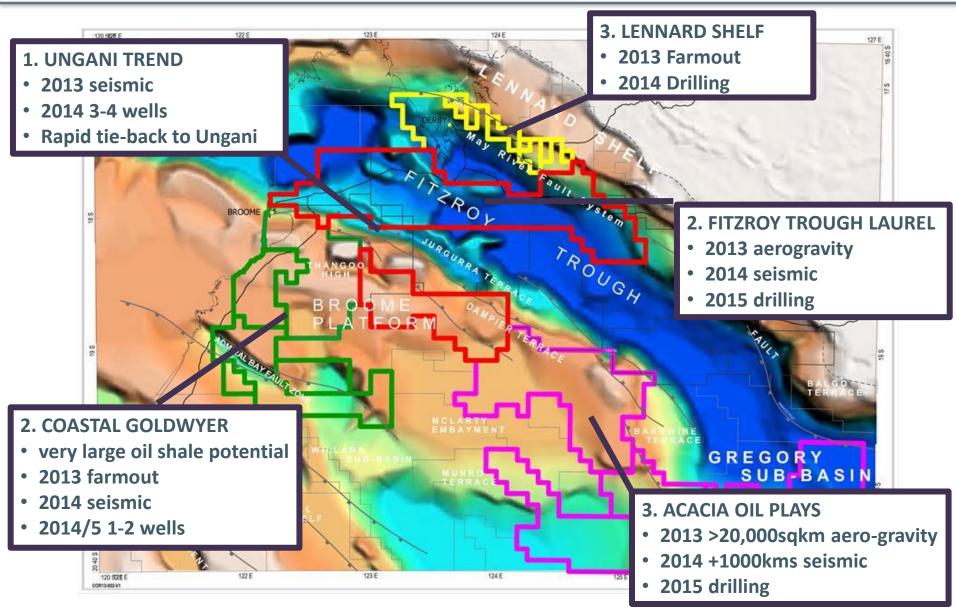




# Buru - High Value Exploration Campaigns

Systematic derisking & localised drilling to maximise efficiencies





# **High Value Ungani Exploration Trend**

Potential for rapid cluster style development growth

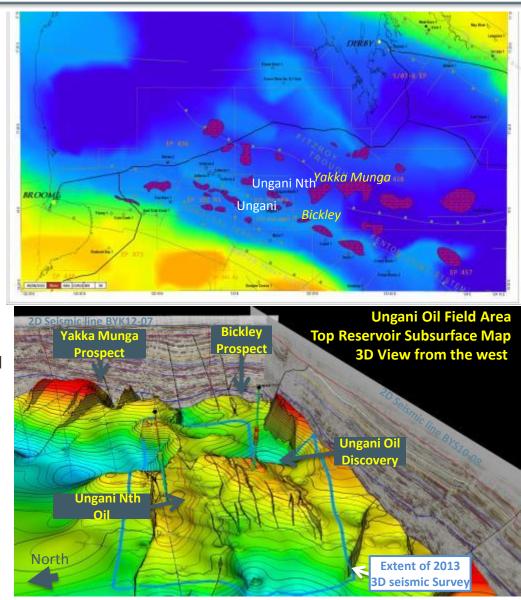


#### Ungani oil discovery is a "play opener"

- Conventional Vuggy dolomite reservoir
- Ungani Nth proved extensive petroleum system
- Structures are readily imaged by geophysics
- Ungani Oil Trend covers over 120 kms by 40 kms (+1 million acres)
- Buru controls entire trend

#### **Ungani Trend Exploration Program**

- Numerous on trend prospects and leads identified
- Following Ungani 3D completion, extensive 2D seismic program along trend planned
- Drilling of oil targets is planned for 2014 dry season immediately after initial Ungani development wells



### **Targeting Major Drilling Improvements** A focus on safety, environment, well cost & efficiency



- Rigorous process to ensure right rig and the right commercial structure
- Huisman LOC 400 a step change in drilling technology for Canning exploration
- Background
  - Deep vertical wells and long reach horizontal wells capability
    - Specifically designed as a Low Operating Cost (LOC) rig
    - Contract is for an initial four wells with continued program at Buru's option



A Huisman LOC 400 rig on location



- Fully automated and modularised with a small footprint and efficient moves
- Rig up and rig down in less than 30% of conventional rig times
- Automated system means fewer crews and safer and more efficient operation
- Recycling and Sumpless drilling capability

# Buru's License to Operate

Committed to taking a leading position with Traditional Owners



Listening to residents near our operations helps us to form strong relationships and find solutions for local concerns.

Buru engages with the Traditional Owners

# Activity to date has been aligned

- Respect for cultural and traditional values
- Create jobs and help build skills among local communities
- An appropriate sharing of the social benefits that arise from successful and profitable activity
- Buru is very active in the Canning and has overall good relations with Traditional Owners
- Parties now fully engaged and have resolved past issues
- Full engagement to ensure future activities are issue free
- Business development and training
- Capability building for increasing responsibilities
- Program to gain broad agreement on 2 year program aligned with TO issues/concerns
- Active operational and social monitoring program with Indigenous personnel
- Indigenous participation in future planning

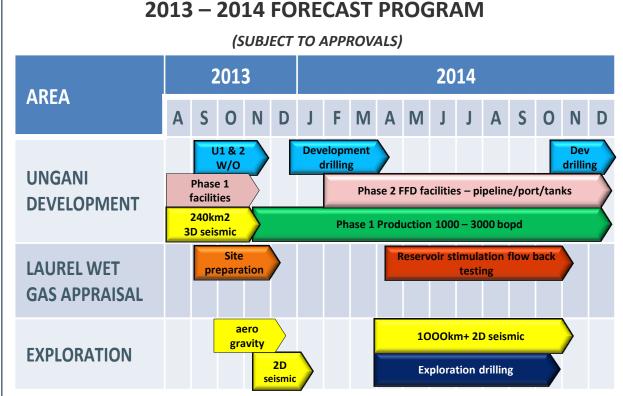




# Seeking to develop further alignment



- Ungani Oilfield A\$92M gross, \$46M net, for full field development at up to 7,500 bopd
- Laurel Wet Gas \$54M gross, \$27M net for stimulation and flow testing of up to five wells
- Ungani Oil trend and regional exploration -\$42M net for seismic, studies and 4 wells
- Buru's activities are subject to JV, regulatory and other approvals, weather, availability of equipment and land access issues\*.



\* Although Buru believes that the costs and programs set out in this table are reasonable, they will be affected by some or all of these factors.

## **Buru Energy:** A Material & Sustainable Growth Story



#### 2013 BUILDING THE PLATFORM FOR LONG TERM GROWTH

- Safety & Risk management JV program alignment Traditional Owner Engagement Capability Building Oil Development Tight Gas Validation preparation Major seismic program Securing fit-for-purpose rig Prioritising high value exploration
- Cost & Logistics Optimisation program

2014 MATERIAL CASH FLOW MAJOR DERISKING OF GAS & CONTINUOUS HIGH VALUE EXPLORATION DRILLING

#### HSE Excellence

- Material cash flow
- Major Tight Gas program of Strategic importance to WA
- Targeted Gas farmout
- Ongoing High Value Exploration
- Strong Community
   Engagement

2015 TARGETED OIL EXPANSION, CONFIRMING GAS VIABILITY, MULTI-RIG APPRAISAL & EXPLORATION GROWTH

#### • HSE Excellence

- Material cash flow
- Near Field Oil Tie-ins
- Major Gas Program with strong JV
- Multi well exploration program
- Traditional Owner Engagement

## **Key Messages** Buru - Set for sustainable and material growth

- Fully funded 2013 2014 program and dedicated rig
  - Oil Development, Major Gas appraisal and Material Exploration program
- Significant cash flow forecast for 2014

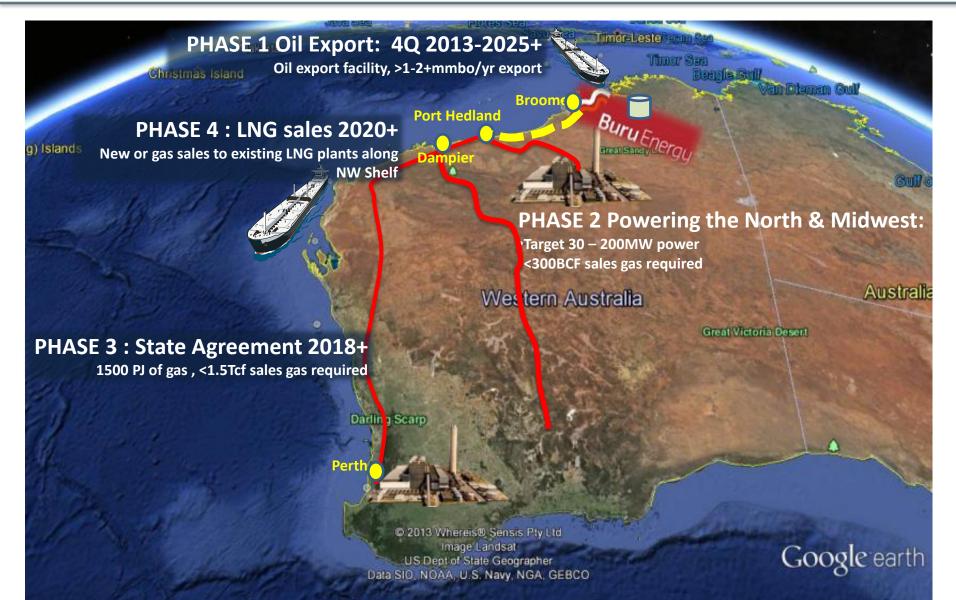
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- Target 1,000 bopd end 13', 3,000 bopd early 14' and up to 7,500 bopd by end 14'
- Dominant acreage position, ~64,000km<sup>2</sup> net (16M acres)
  - Operator of 20 petroleum titles with World class JV partner (Mitsubishi)
  - Quality Management and Board with proven history of value creation
  - Absolute commitment to Community and Environment
    - Respect, Capability building, Commitment and Transparency are core Buru values



## Buru's Vision The Energy Company for all West Australians







An Australian ASX listed company focused on exploring and developing the petroleum resources of the Canning Superbasin