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## ASX ANNOUNCEMENT (ASX: BRU) 2 December 2009

#### **Operational Update**

Please find attached an update on Buru Energy Limited's current and upcoming operations.

Further information on the company is available on the Buru website at: <a href="https://www.buruenergy.com">www.buruenergy.com</a>

#### For inquiries please contact:

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Yours faithfully

Executive Director

# **Operational Update**

December 2009



# Summary

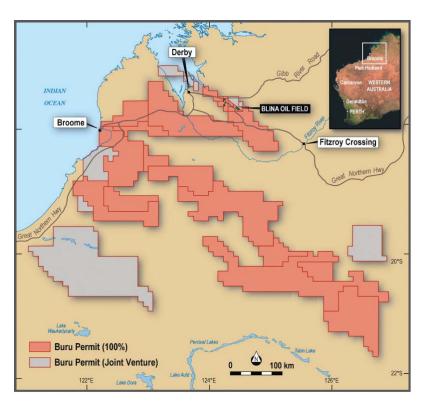
A unique Australian oil and gas exploration and production company...

- Focused on a single asset base
- High impact exploration potential
- Well funded
- Aligned management

...giving shareholders tremendous leverage to the upside of exploration success



#### **Focused Asset Base**



Buru's Canning Basin acreage



# **Geographic and geological focus** on the Canning Basin

**Prospectivity** - The Canning Basin is a huge under explored onshore Paleozoic basin comparable to multibillion barrel Paleozoic basins found worldwide

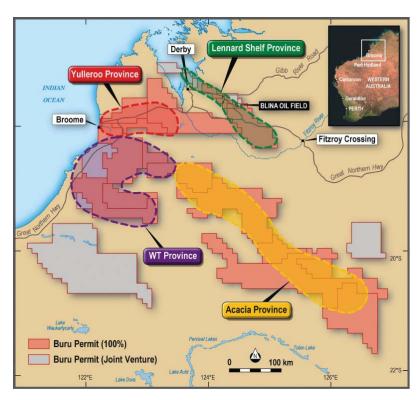
**Quality Portfolio** – Buru's portfolio now covers the most prospective areas of the Canning Basin following a rationalisation of Government and JV commitments, ensuring Buru's exploration efforts are focused on these core areas of highest prospectivity

**High Equities** – Buru holds a 100% interest in the majority of its permits giving tremendous leverage to exploration success

**Operator -** Buru operates most of its permits allowing it to tailor the timing, sequence and cost of its exploration program to best suit its needs

**Efficiency** – Buru focuses its efforts solely in the Canning Basin, giving it targeted technical expertise and the ability to efficiently develop its assets across multiple play types without distraction

## **High Impact Prospects**



Buru's Canning Basin acreage showing location of key geological provinces



Systematic and aggressive exploration program commencing in 2010 based on fresh technical analysis of existing 2D together with new 2D and 3D seismic acquired in late 2009

A variety of exciting play types in several distinct geological provinces have been identified

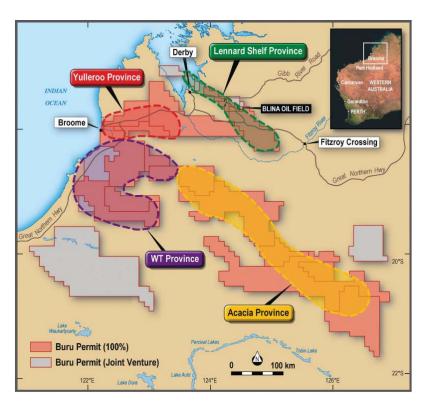
#### **Lennard Shelf**

- Currently in production from existing Sundown-Blina oilfields
- New 3D seismic acquired identifying low risk oil prospects (100% interest)
- Flank plays with very large upside including the significant
   Paradise prospect (100% interest)
- Untested reservoir at the Stokes Bay-1 well

#### Yulleroo Gas Province

- Existing untested gas discoveries, very large potential volumes of both conventional and tight/shale gas
- Potential for farm-out to major gas suppliers and WA gas users

## **High Impact Prospects**



Buru's Canning Basin acreage showing location of key geological provinces



#### Willara/Thangoo (WT) Province

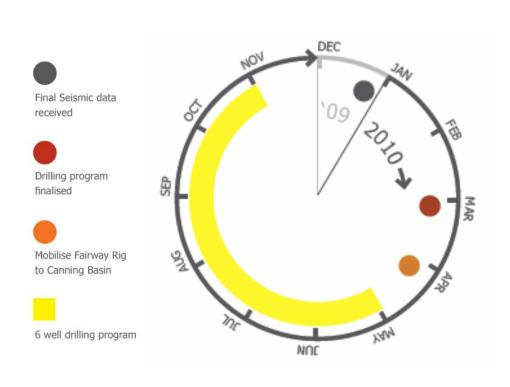
- High potential oil and gas play
- Gas interpreted to have high liquids content
- Untested shows in old wells
- Targets are shallow and relatively cheap to drill
- Close to all-weather roads allowing quick and cost effective commercialisation

#### **Acacia Province**

- High potential oil and gas play with regional potential and appeal
- Prospective area approximately 450 kilometres long
- Farm-out candidate with appeal to major companies

All prospects proposed for drilling in each province have extensive follow up potential

## **High Impact Drilling Program**

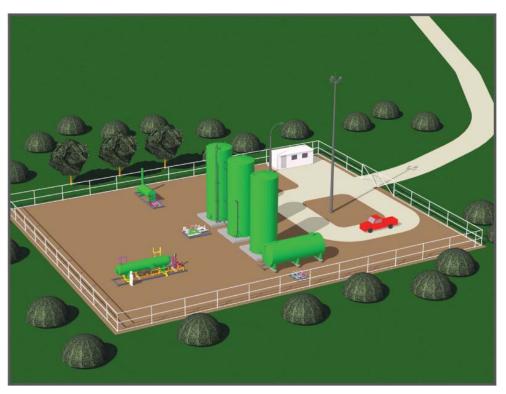




# Drilling program planned to commence in May 2010 using the Fairway Rig

- Fairway Rig is owned by Buru
- Fairway Rig currently being fully refurbished in preparation for the 2010 drilling campaign
- Fairway Rig has depth capacity of ~2,500m, sufficient to drill all wells planned for the 2010 drilling campaign
- Experienced personnel with long history of operating the Fairway Rig are under contract for the drilling program
- Ownership and control of the Fairway Rig is expected to reduce drilling costs and increase the reliability and safety of operations
- Access to the Fairway Rig as and when needed provides a major commercial and operational advantage by allowing Buru to determine the timing and location of its drilling program

## **High Impact of Exploration Success**



Mobile Early Production System

# **Buru** Energy

# Buru has a clear path to commercialisation through careful and rigorous pre-commercialisation work

#### Oil

- Existing infrastructure provides the basis for future 'bootstrap' development
- Existing infrastructure is used to bring new discoveries on stream which then pay for future developments, an approach successfully applied by Buru's management in the Perth Basin
- For locations not in proximity to existing infrastructure the proven mobile early production system (MEPS) can be deployed quickly providing very rapid access to cashflow from production

## **High Impact of Exploration Success**



Gas Recycle Plant

#### Gas

Stepwise commercialisation process:

- Small discovery (~30BCF) developed through gas
   recycle system to access high value associated liquids
- Moderate discovery (+100BCF) developed through small scale modular LNG under memorandum of understanding with Energy World Corporation (ASX:EWC)
- Large discovery (+250BCF) developed through full commercialisation via construction of the Great Northern Pipeline (currently receiving regulatory approvals) for delivery of gas to Alcoa under long term contract for up to 500PJ (~470BCF)



# Corporate

Fairway Drilling Rig



Bunda 3D Seismic Survey September 2009





#### **Funding**

- Approximately \$47 million of cash on hand available for exploration
- Fully funded for systematic onshore exploration program at high equities
- Existing production of approximately 100 barrels a day provides material offset to ongoing administration costs
- Government and JV commitments aligned to financial capacity
- Onshore operations are relatively low cost:
  - drilling program estimated to cost \$3 \$5 million per well
  - seismic data acquisition estimated to cost
    \$3 \$4 million per year
- Current budget for 2010 exploration program approximately \$20 million
- Targeted and systematic farmouts of acreage/commitments underway to maximise Buru's ability to explore the Canning Basin without the need to raise further funds

# Corporate



Drilling operations on the Fairway Rig

#### **Directors and Management**

- Directors, management and key staff aligned with the business
- Highly experienced and passionate about the Canning Basin
- Chairman and Executive Director are significant shareholders
- Senior staff are shareholders and have incentives directly tied to exploration success





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