## **NEW STANDARD ENERGY**

AGM Presentation November 2010

**Corporate & Exploration Update** 





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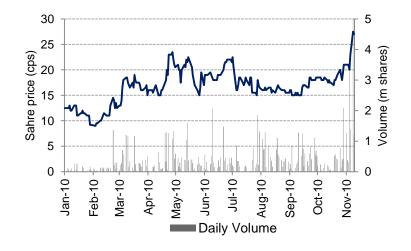
**Competent Person:** Some of the information in this announcement is based on information provided to New Standard Energy by AKG Energy LP and Burleson Energy Ltd and reviewed by Dr Mark Hagan (BSc Hons, PhD) who is a Petroleum Geologist and Geophysicist with more than 35 years experience in the industry. Dr Hagan is Technical Director of New Standard Energy and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



### **Corporate Overview**

## Emerging hydrocarbon developer

ASX-Code – NSE		
Ordinary shares	190.2m	
Unlisted options	23.7m	
Market capitalisation (@ 30c/share)	~\$57.0m	
Cash	~\$5.0m	
Investment in BRU (@ 50c/share)	~\$9.0m	



## **Experienced board**

### Ian Paton – Chairman

- Petroleum geologist & geophysicist
- Ex Coogee Resources, Conoco, Santos & BHP
- Identified and developed significant oil discoveries in Australia and South East Asia

### Sam Willis – Managing Director

- Corporate finance and resources background
- Over 10 years corporate advisory and capital markets experience

### Mark Hagan – Technical Director

- Petroleum geologist, over 30 years experience in oil and gas exploration and production
- 18 years working for Sun Oil, ultimately responsible for worldwide exploration activities (Australia, Europe, SE Asia and South America



## A Year of Business Building

### 2009

Australian Portfolio Large acreage holder in Canning Basin Goldwyer shale gas concept

### **United States Portfolio**

New 3D seismic acquired Colorado County drill prospects ranked No drilling commenced

### **Corporate Position**

10% equity stake in Buru valued at ~\$3.6m Cash position ~ \$6m No research support

### 2010

#### **Australian Portfolio**

Leading Australian shale gas acreage holder Goldwyer shale gas play (12m acres) Laurel shale/tight gas play (780k acres) Merlinleigh shale/tight gas play (2m acres)

### **United States Portfolio**

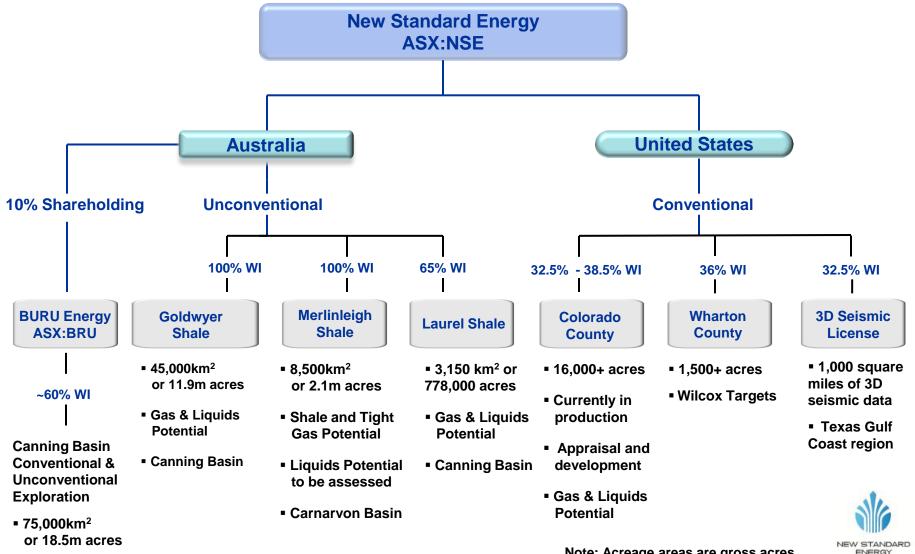
E&P business established 3 out of 4 drill successes, production established 2 additional projects secured Exploration upside

### **Corporate Position**

10% equity stake in Buru valued at ~\$9m Cash position ~\$5m Researched by Euroz Securities

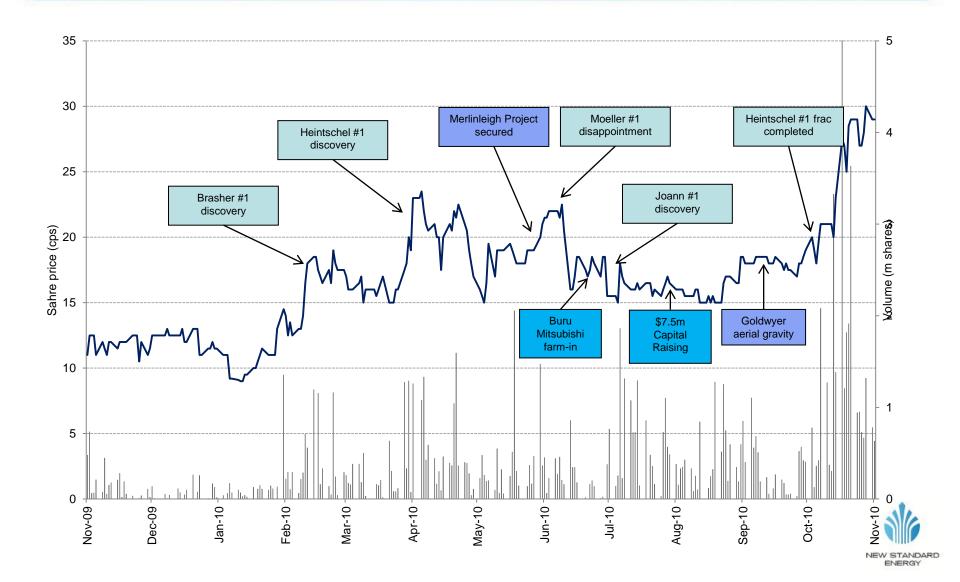


## **Focused Asset Portfolio**



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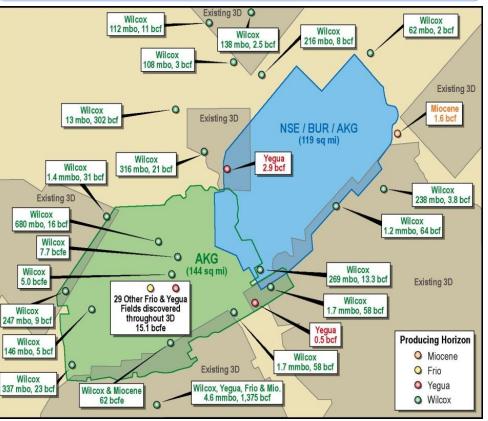
## Focus is Starting to Deliver Results



## **United States Exploration: Initial Investment Rationale**

- Onshore projects with low entry costs
- Primary focus on Wilcox reservoirs in proven production areas
  - Meaningful prospects in mature proven hydrocarbon province
  - High rates of drilling success (new 3D seismic)
  - Low and manageable drill costs
- Meaningful project equity interests
- Securable land positions, reasonable cost
- Known or reputable onshore operators with relevant experience
- Mature infrastructure providing direct pathway to production & cashflow

### Colorado County Project, Onshore, Texas, USA



AMI: 16,000+ gross acres NSE: 32.5% working interest NRI: ~76% after operator ORR



## **US Conventional: Establishing a Business**

### **Colorado County Project**

- Four wells drilled for three commercial successes
  - Brasher #1 (32.5%; tied in and producing)
  - Heintschel #1 (32.5%; tied in and producing)
  - Joann #1 (33.7%; awaiting tie into sales and successfully flow tested)
  - Production established with upcoming appraisal drilling
    - increase cashflow and assess resources/reserves
  - Exploration upside (Wilcox, Eagleford, Edwards/Sligo)

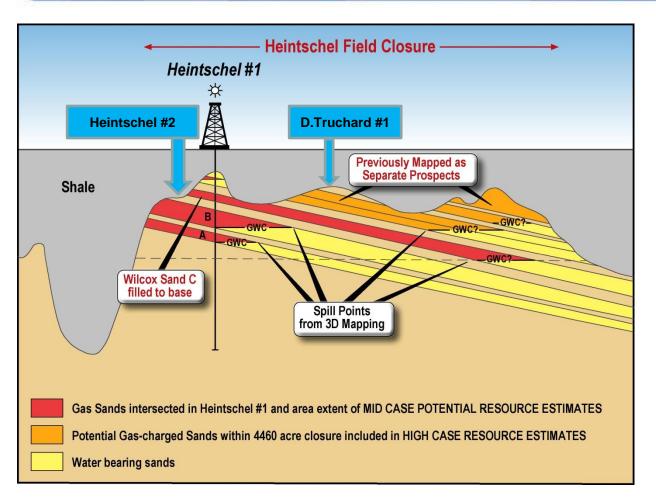
### **Other Projects**

- Moeller Project (38.5%, updip potential)
- Wharton County Project (36%, multiple large Wilcox prospects)
- 3D seismic license for 1,000 sq miles of data (32.5%, Texas Gulf Coast focus)





## **US Conventional: Heintschel Discovery**



# Initial 2010 appraisal program at Heintschel is designed to assist delineate resources and grow cashflow

### **Heintschel Success & Appraisal**

- Heintschel #1 frac successful
  - De-risks Heintschel field
- Healthy flow test rates
  - Gas and condensate
  - Water influx to be monitored
- Good reservoir permeability
- Good condensate to gas ratio
- Producing to sales network
- Immediate appraisal drilling
  - D. Truchard #1
  - Heintschel #2
- Frac contractors being lined up

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## **US Conventional: Heintschel Upside**

### **Potential Resource and Reserves**

- Significant potential gas/condensate field
  - Mid case of 59bcf gas and 1mm bbls condensate
  - Contingent recoverable resource numbers
- Additional drilling to begin to delineate upside
  - Increase cashflow and assess reserves/resources
- Potential condensate upside
- Development program on the horizon

### Heintschel Field: Contingent Recoverable Resources



Category	Potential Recoverable Gas (BCF)	Potential Recoverable Condensate (mmbc)	Potential Number of Development Wells
Low Case	25.6	0.465	4-8
Mid Case	58.9	1.07	6-16
High Case	87.7	1.6	12-24



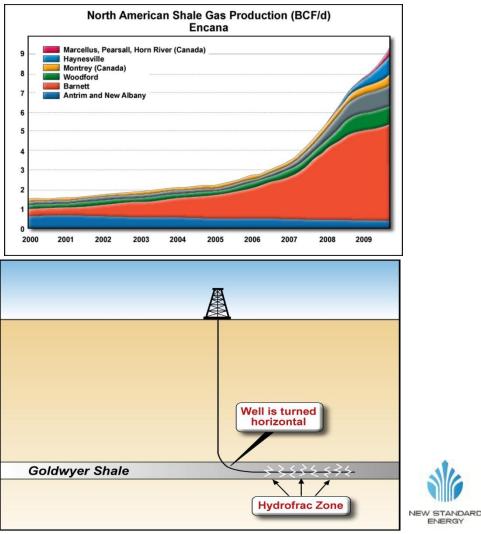
Source: AKG Energy, US based operator and JV partner

## Australian Unconventional Gas: The Next Growth Opportunity

### International shale gas expansion

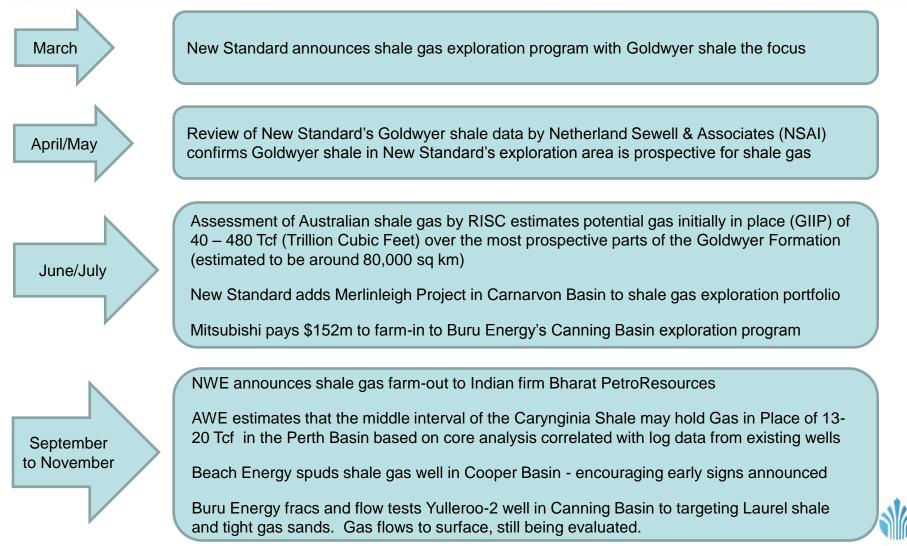
- Industry growth in the US has been massive
  - Improved understanding and expertise
  - Drilling and fraccing improved
  - Cost reduction and increasing success
- Corporate transactions involving large players have marked a serious push into the industry
  - Supermajors now invested in shale gas 16 exploration/production
- Shale gas now comprises 15% (2TCF/year) of all gas production in the United States
- 1 in 3 gas discoveries in the United States are 16 shale gas discoveries
- JP Morgan expects that shale production in the US alone will rival total global LNG production by 2015.
- Shale gas exploration and production now expanding beyond the United States to Europe, Asia, Australia

### **United States Shale Gas Production**



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## **2010: Australian Unconventional Activity is Increasing**



## **Strong Unconventional Acreage Position in WA**

### Demand side Large market and growing

High WA domestic gas prices with emerging channels to market, including LNG

Active export markets are opening as a result of existing and new LNG projects in region

Potential for on shore shale gas to offset and meet Domestic Gas reservation requirements for offshore LNG

Direct access to growing Midwest and Pilbara resource development projects

New energy intensive projects planned for Kimberley regions



### Supply side New Standard well positioned

West Australian focus – dominant land position with total acreage of ~ 14.8m gross acres (56,650sq km)

Growing infrastructure in Kimberley region with LNG developments and large players positioning

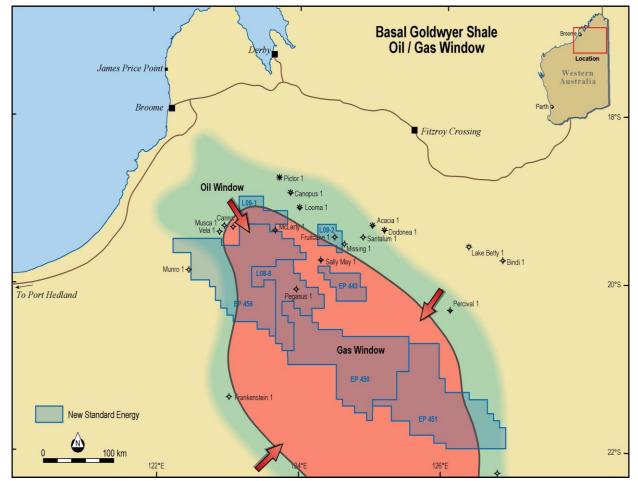
Pipeline access to Pilbara resources markets and Perth metropolitan area being planned via proposed Buru Energy pipeline

Merlinleigh project located adjacent to existing major gas infrastructure

New Standard has one of the largest shale gas exploration acreage positions of any oil and gas explorer in Australia

## Australian Unconventional: Goldwyer Shale

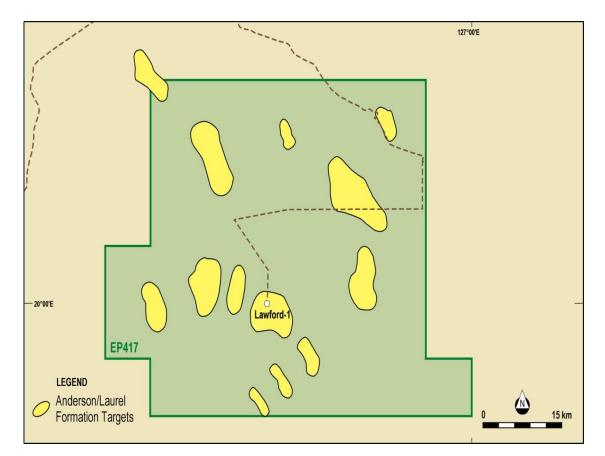
- 48,000km<sup>2</sup> of acreage; more than 11.9 million net acres
- 100% owned by New Standard
- Shale prospectivity confirmed by independent experts (NSAI and RISC)
- Significant scale and upside potential, with independent regional estimates of 40 to 480 Tcf gas initially in place
- Liquids potential
- Long tenure with manageable commitments
- Regional gravity survey currently being acquired
- Weather window and dunes
- New Standard currently seeking farm-in partners





## **Australian Unconventional: Laurel Shale**

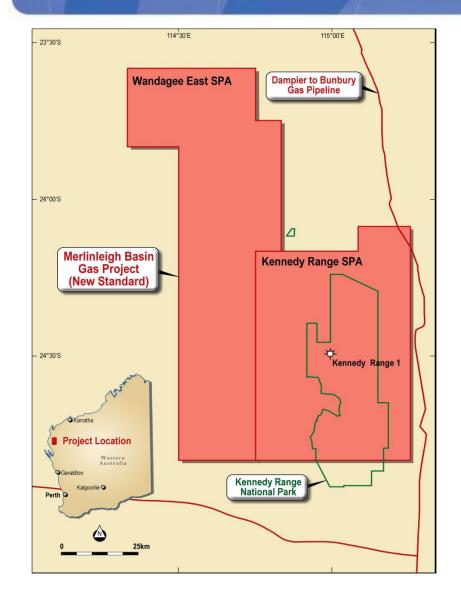
- EP417: 3,150km<sup>2</sup> of acreage equivalent to 778,000 gross acres
- 65% owned and operated by New Standard
  - BRU 35% JV partner
- Numerous prospects across EP417 including Lawford region
- Liquids potential
- Laurel shale prospectivity
  - One of Buru Energy's targets at Yulleroo 2 to NW
- Lawford #1 well suspended above Anderson and Laurel sections
- Seeking to revisit Lawford #1 in 2011
  - assess the Anderson/Laurel unconventional prospectivity



Numerous large Laurel formation structures exist on EP417 for future shale gas and tight gas exploration



## **Australian Unconventional: Merlinleigh Project**



- 100% equity in 8,500km<sup>2</sup> (2million net acres) in onshore Carnarvon Basin
- Prospective for both unconventional and conventional gas
- Shale formation present across acreage at attractive depths
- Primary shale target up to 300m thick
- Average TOC of 6% 7% and up to 16% in Wooramel group
- Conventional gas targets have potential for up to 500 bcf GIP
- Immediately adjacent to Dampier to Bunbury pipeline infrastructure

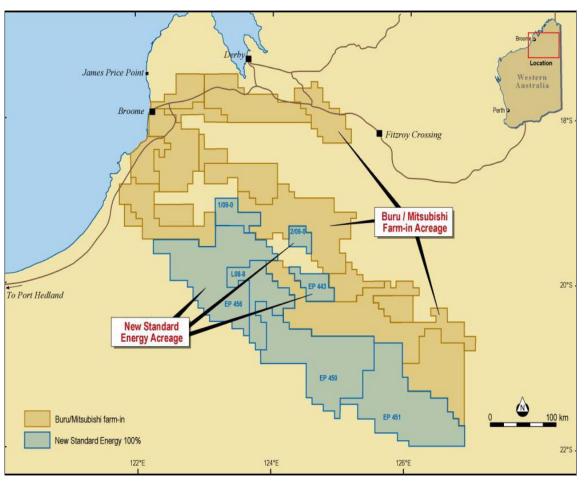
### Forward Shale Gas Work Program

- 2010: Geochemical Program currently underway
- 2011: Cored wells and assessment (subject to native title agreements)



## Strategic 10% Equity Stake in Buru Energy

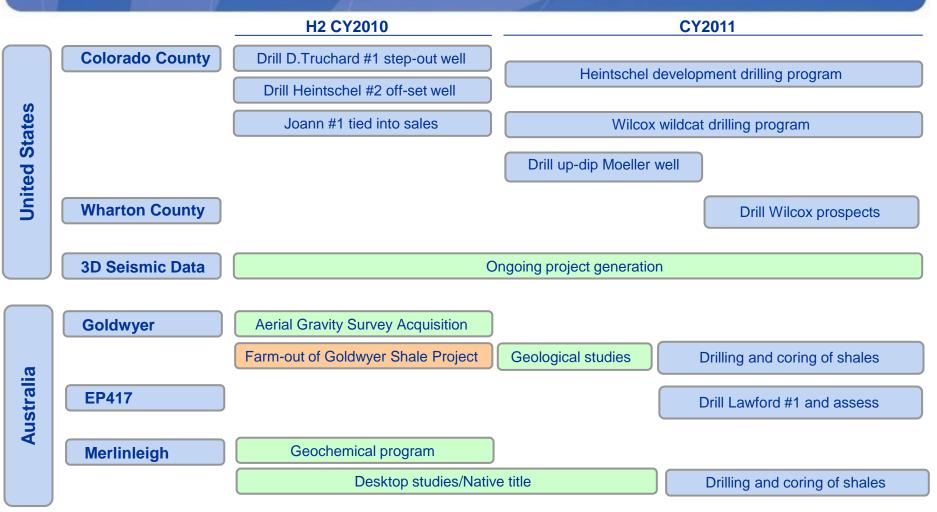
- New Standard's 10% shareholding in Buru Energy valued ~\$9m
- New Standard and Buru collectively hold majority of the Canning Basin acreage
- Mitsubishi has farmed-in to BRU's Canning Basin assets immediately adjacent to New Standard
  - Earn up to 50% interest through a \$152.4m exploration and development program
  - Includes \$40m+ of unconventional exploration
  - Major international player
- Buru Energy has an active work program planned for 2010 and 2011



Buru Energy is currently fraccing and testing the Yulleroo 2 well targeting Laurel shale and tight gas sands



## **Conceptual Work Program**

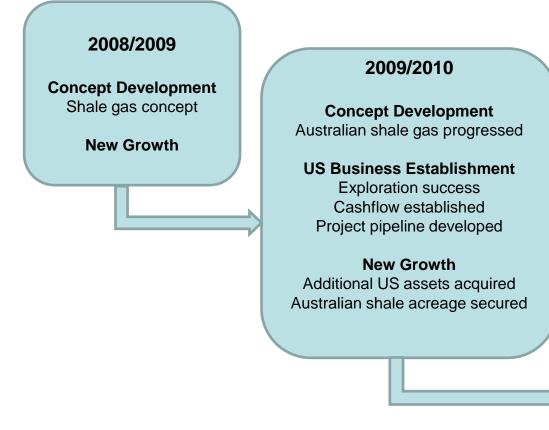


### Active and focused exploration program throughout 2010 and into 2011



Note: Exploration program outlined is indicative only and subject to change based on further results, joint venture discussions and market conditions

## **Focus on Extracting Value**



### 2010/2011

Grow US Business Appraisal and development focus Increase cashflow Assess resources and reserves Advance exploration portfolio

Extract Value from Australian Assets

Progress Goldwyer shale play Advance Merlinleigh Project

**New Growth** Australian unconventional projects

Our focus: Grow the business through extracting and crystallising value from the assets and selectively adding to the portfolio



By leveraging and maximising value from Australian shale exploration and commencing United States appraisal drilling to maximise production, New Standard Energy is well positioned to drive value for shareholders

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