# Sundance Energy Australia Limited (ASX: SEA)





# June 2011 Corporate Presentation

### DISCLAIMER



This presentation includes forward-looking statements. These statements relate to Sundance's expectations, beliefs, intentions or strategies regarding the future. These statements can be identified by the use of words like "anticipate", "believe", "intend", "estimate", "expect", "may", "plan", "project", "will", "should", "seek" and similar words or expressions containing same.

The forward-looking statements reflect the Company's views and assumptions with respect to future events as of the date of this presentation and are subject to a variety of unpredictable risks, uncertainties, and other unknowns. Actual and future results and trends could differ materially from those set forth in such statements due to various factors, many of which are beyond our ability to control or predict. Given these uncertainties, no one should place undue reliance on any forward-looking statements attributable to Sundance, or any of its affiliates or persons acting on its behalf. Although every effort has been made to ensure this presentation sets forth a fair and accurate view, we do not undertake any obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

This presentation contains information on Sundance Energy's reserves and resources which has been reviewed by Brian Disney, a Colorado licensed Professional Engineer, who is qualified in accordance with ASX Listing Rule 5.11 and has consented to the inclusion of this information in the form and context in which it appears.



- **Definitions**
- **"boe"** is defined as barrel of oil equivalent, using the ratio of 6 Mcf of Natural Gas to 1 Bbl of Crude Oil;
- "mboe" is defined as thousand barrels of oil equivalent, using the ration of 6 Mcf of Natural Gas to 1 Bbl of Crude Oil;
- "mbbls" is defined as thousand barrels of Crude Oil;
- "mcf" is defined as thousand cubic feet of Natural Gas;
- "**bcf**" is defined as billion cubic feet of Natural Gas;
- "PDP" is defined as Proved Developed Producing reserves;
- "1P Reserves" are defined as Proved Reserves which have a 90% probability that the quantities actually recovered will equal or exceed the estimate;
- "2P Reserves" are defined as Proved Reserves plus Probable Reserves and should have at least a 50% probability that the actual quantities recovered will equal or exceed the 2P estimate;
- "**3P Reserves**" are defined as Proved Reserves plus Probable Reserves plus Possible Reserves and should have at least a 10% probability that the actual quantities recovered will equal or exceed the 2P estimate; and



Δ11\$M

### **Company Overview**

- 7 year track-record of early entry into onshore U.S. shale resource plays with approximately 90% of revenue from oil
- Growth through the drill bit
  - Accretive organic growth and acquisitions with near-term conventional cash flow and longterm shale potential
- Finalizing senior credit facility
- Assets have the potential for monetization event in 3-5 years

	AOAINI
Ticker symbol (ASX)	SEA
Cash (as of 31/3/11)	\$26.5
Long-term debt (as of 31/3/11)	\$0
Shares outstanding (as of 31/3/11)	276,709,585
Market capitalization (as of 31/3/11)	\$268.4
Enterprise value (as of 31/3/11)	\$241.9
Net US shale acres (as of 31/3/11)	119,954
Revenue (9 months ended 31/3/11) (1)(2)	\$12.5
Cash operating income (9 months ended	<b>\$</b> 0.0
31/3/11) (1)(2)	\$8.3

- http://www.sundanceenergy.net/
- (1) Unaudited

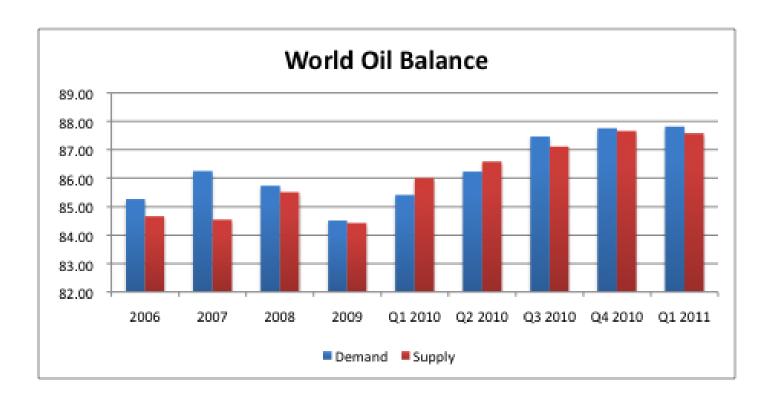
(2) Excludes net profit from disposal of assets of AU\$10.9M



# **Oil Fundamentals Support Investment**



(source: US Department of Energy)

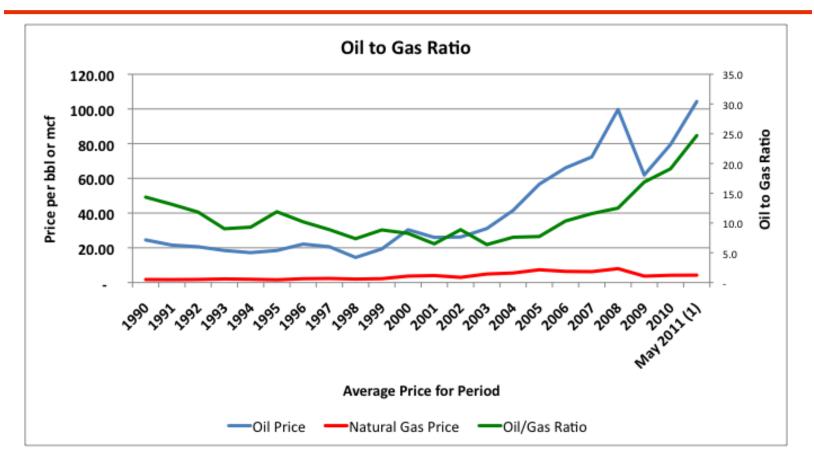


- Lifestyle changes in developing economies driving demand
- Geopolitical supply risk coupled with limited new supply and discoveries applying pressure to supply side

# **Oil Value Increasing Relative to Natural Gas**



(source: US Department of Energy)

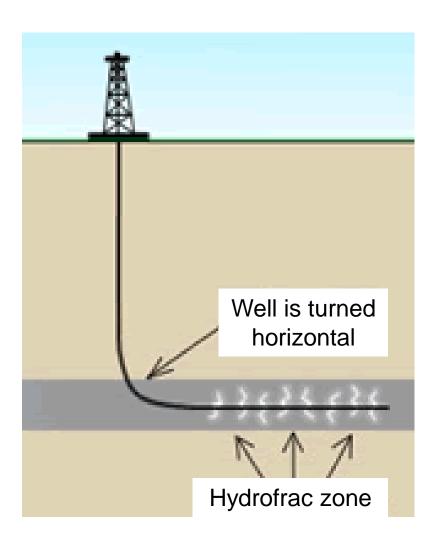


- Sundance portfolio focused on higher-value oil reserves
- US may begin exporting natural gas through offshore LNG terminals which could bring local fundamentals in line for modest price appreciation to worldwide levels

# U.S. Shale Plays Provide Attractive Risk/Return Profile in the Oil Patch



- Ready oil consumers as North American market is approximately 10 million barrels per day under-supplied (source: IEA)
- Horizontally drill & then hydraulically fracture thick (100-200 feet / 30-61 meters) blanket source rock (hydrocarbon saturated shales) laying across sedimentary basins
- Lower capital costs and higher EURs per acre drive economic advantage over conventional alternatives
- Reduce risk profile with horizontal drilling



# **Attractive Valuation Metrics Compared to ASX Listed Peers**

Entek

Energy

ETE

0.16

82

62

Green R Basin

USA

Niobrara

30,000

Molopo

Energy

MPO

0.76

189

83

Wiiliston Basin

Canada

Bakken

45,468

Sundance

Energy

SEA

0.75

208

183

Williston Basin

USA

Bakken/Niobrara

9,000 / 13,000

Samson

Oil & Gas

SSN

0.13

218

160

Williston Basin

USA

Bakken/Niobrara

1,200 / 14,000

Eureka

Energy

EKA

0.30

61

54

Texas

USA

Eagle Ford

1,469



Texon

Oil & Gas

TXN

0.65

157

127

Texas

USA

Eagle Ford

4,500

<b>.</b>	
Company	Aurora
	Oil & Gas
ASX Code	AUT
Share Price (A\$/sh)	3.21
Mk't Cap (\$m)	1,295
EV (\$m)	1,208
Location	Texas
Country	USA
Shale	Eagle Ford
Net Acres	15,600
Shale Production	yes
Dil Prone	yes
Gas Prone	yes
No. of Shale Projects	1
EBITDA	-3
EV/EBITDA	na
1P Reserve (mmboe)	11
2P Reserve (mmboe)	22
3P Reserve (mmboe)	83
Resource	na
EV/acre (\$/acre)	77,464
	100.0
EV / 1P reserve (\$/boe)	
EV / 2P reserve (\$/boe)	
EV / 3P reserve (\$/boe)	14.6

	yes	yes	yes	ves	1/05		
Oil Prone			,	yes	yes	yes	yes
One During	yes	yes	yes	yes	yes	yes	yes
Gas Prone	yes	yes	no	no	no	no	no
No. of Shale Projects	1	1	1	1	2	2	1
EBITDA	-3	-1	-1	-10	2	-2	0
EV/EBITDA	na	na	na	na	73	na	na
1P Reserve (mmboe)	11	2.2	2.5	0	6.8	2.2	1.7
2P Reserve (mmboe)	22	4.8	7.1	0.6	16.6	2.4	3.9
3P Reserve (mmboe)	83	9.6	16.6	0.7	na	na	6.7
Resource	na	na	108.5	2.0	na	na	na
EV/acre (\$/acre)	77,464	36,921	2,059	1,836	8,297	10,513	28,289
EV / 1P reserve (\$/boe)	109.9	na	8.7	na	26.8	72.6	74.9
EV / 2P reserve (\$/boe)	54.9	11.3	na	139.1	11.0	66.6	32.6
EV / 3P reserve (\$/boe)	14.6	5.6	3.7	119.3	na	na	19.0
EV / resource (\$/boe)	na	na	0.6	41.7	na	na	na
nb: reserve/resource relate only to	the compan	ies equity com	ponent of the sha	ale project			
source: Euroz				,,			



- Use cash flow from non-operated developmental drilling in the Williston Basin to:
  - Generate material acreage positions in early stage shale resource plays with short-term conventional targets, currently the DJ Basin and northwestern Oklahoma/southwestern Kansas
  - Continue progression towards retaining larger interests with company operations
  - Capitalize development primarily with cash flow, equity and debt compared to material divestitures
  - Focus on generating cash flow from new and existing prospects

# Sundance Poised to Capitalize on the Best U.S. Oil Shale Resource Plays

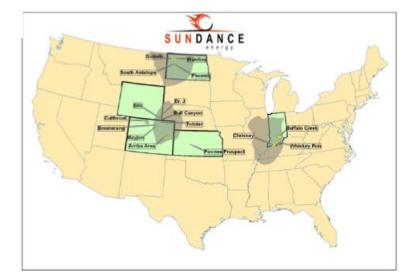


	NE	T ACRES as		
				Cost
	31/12/10	Additions	31/3/11	per Acre
Development Assets:				
Williston Basin - Bakken/Three Forks	8,841	49	8,890	287
Niobrara Shale	13,058	1,679	14,737	64
DJ Basin - Conventional	210	294	504	736
Pawnee*	3,995	267	4,262	54
North Washington	22	-	22	84
□Total Development Assets	26,126	2,289	28,415	-
Exploration Assets:				
Arriba	37,875	2,437	39,800	27
(ilinois Basin	48,739	-	48,739	32
Total Exploration Assets	86,614	2,437	88,539	-
GRAND TOTAL US ASSETS	112,740	4,726	116,954	-

Acquired premium acreage positions at low cost per acre due to early mover advantage and strategic sales to industry partners

\*Moved from Exploration Asset due to initial production from conventional targets

# Located in some of the top oil resources plays onshore U.S.



### Strong Proved Reserve Base With Significant Upside Potential from Unevaluated Niobrara Shale



Sundance Net Reserves and NPV as of 31 December 2010 (net of royalties)	Net Oil (mbls)	Net Gas (mmcf)	Total (mboe)	Net Revenue (USD thousands)	PV10 (USD Thousands)
Proved developed producing	1,059	1,685	1,340	72,966	40,218
Proved developed not producing	226	600	326	13,525	6,485
Proved undeveloped	4,117	6,116	5,136	208,214	61,636
Total Proved Reserves (1P)	5,402	8,401	6,802	294,705	108,339
Probable	8,056	10,218	9,759	403,071	91,806
<b>Total Proved + Probable Reserves (2P)</b>	13,458	18,619	16,561	697,776	200,145

Prepared by Netherland Sewell and Associates, Inc.

Escalating prices based on the Nymex strip as of 31 December 2010.

NPV is calculated post royalties, production taxes, lease operating expenses, abandonment costs and future capital costs but before income taxes.

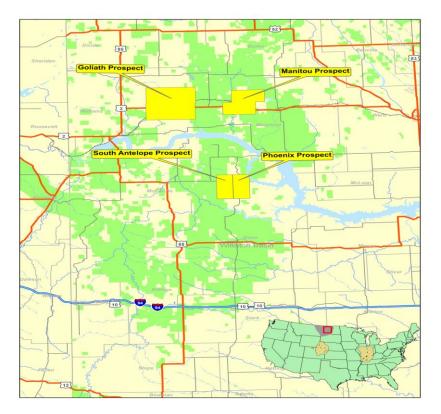
#### 3P Reserves as of 30 June 2011 expected in September 2011

- Additional infill well locations & continued type curve upgrades in the Williston Basin
- Niobrara shale evaluation with proved, probable and possible reserves



# **Continued Development Drilling in Williston**

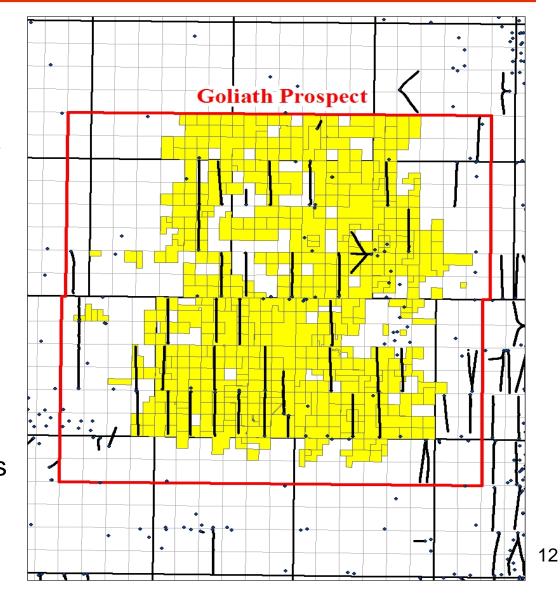
- According to Netherland Sewell, Sundance has:
  - 61 Gross and 5.1 Net PDP well locations
  - 593 Gross and 35.8 2P well locations
  - Peak production from 2P reserves in 2015 of 4,250 boepd according to Netherland Sewell
  - Participate in development to increase cash flow to:
    - Finance further developmental drilling in the Williston Basin along with senior debt
    - Support operated development activity in other Prospects
    - Acquire new exploration Prospects in which we will retain larger equity interests





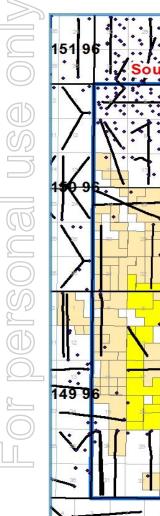
# **Accelerated Drilling of Goliath Prospect**

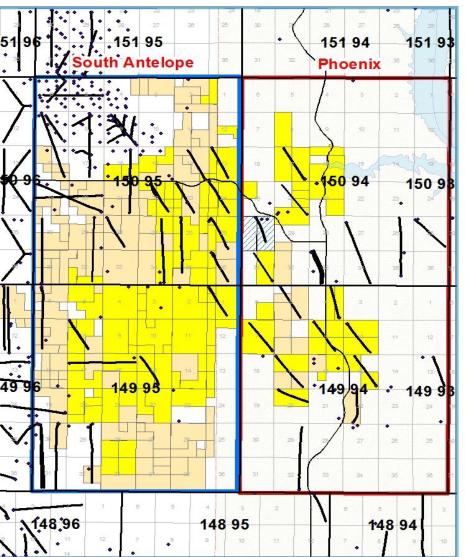
- Hess acquired our operator, AOG, in December 2010 (SEA average equity interest ~3.2%)
- Increased rig count from 4 to 8-10
- Accelerated pace and performance may lead to increased economics and recoverable reserves





# Solid Performance in Southern Williston





#### South Antelope Prospect: SEA average equity interests of ~14.7%

- Our operator, Helis Oil & Gas, has pioneered increased use of high strength proppant in hydraulic fracturing
- 10,000' laterals with 819,000 boe EUR estimates and PV10 in constant case of US\$10.1M
- Two rigs running as of 31 March 2011 compared to one rig in calendar 2010

#### Phoenix Prospect: SEA average equity interests of ~15.8%

- Our operator, EOG, is converting Phoenix prospect permits to ~10,000' from 5,000' laterals creating shortterm development delay
- Improved economics driving decision (2x the recoverable reserves for 1.5x the cost)

### **US Small & Micro Cap Bakken Valuations**

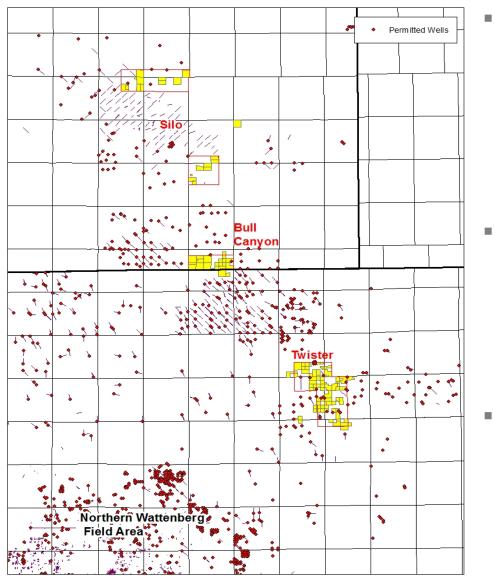


	TEV/EE	BITDA			
			<b>EV/Production</b>	EV/PV10	<b>EV/Reserves</b>
	2010A	2011E	2011E	2011E*	2011E**
Abraxas	16.4x	9.9x	105,616	2.3x	17.03
GeoResources	8.1x	6.3x	102,945	1.5x	23.16
Magnum Hunter	212.7x	12.4x	150,034	4.2x	75.79
Northern Oil & Gas	23.7x	7.4x	156,159	5.1x	68.49
Triangle Petroleum	N/A	47.2x	446,249	16.8x	184.82
Voyager	N/A	14.3x	173,252	35.5x	426.20
Mean	16.1x	10.1x	189,042	10.9x	46.12
Median	20.1x	11.2x	153,096	4.6x	72.14
Sundance	34.5x	8.2x	145,706	2.7x	28.36
*SEC constant case	e reserve prici	ng			
**SEC constant case	e proved rese	rves			



# Substantial Activity in Niobrara Oil Shale

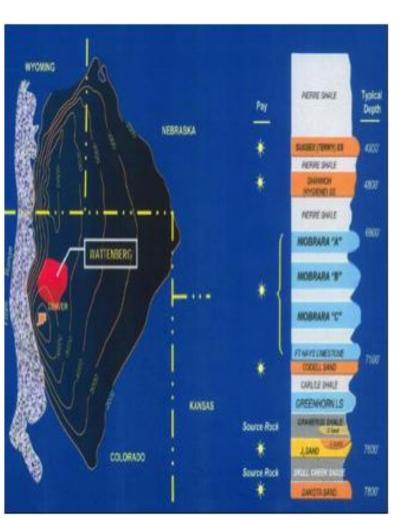




- The DJ Basin's Wattenberg Field has cumulative production in excess of 3 TCF and 400 million barrels of oil (source: Oil & Gas Investor, July 2009).
- ~547 permits issued for development of the Niobrara oil shale in northeastern Colorado and southeastern Wyoming
- Sundance estimates it has 69 Net well locations targeting horizontal Niobrara development assuming 3 wells per 640 acre spacing unit

# DJ Basin / Niobrara

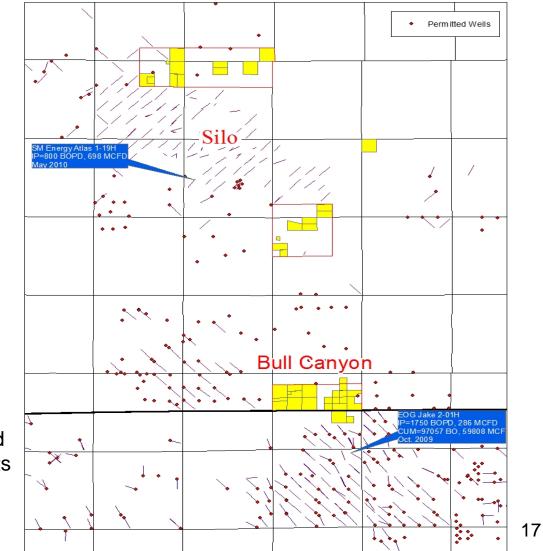
- DJ Basin expected to be a longterm growth driver for the Company
- Wattenberg
  - Grow through small leases with proved reserves
  - Small acquisitions
  - Vertical well cost \$600-\$800k with ~70,000 boe of reserves
  - Long-term potential for horizontal Niobrara
  - 95% success rate on development
- Horizontal Niobrara
  - Growth through the drill bit from existing reserves
  - Leasing in strong areas at rational prices
  - Target adding 15,000+ acres



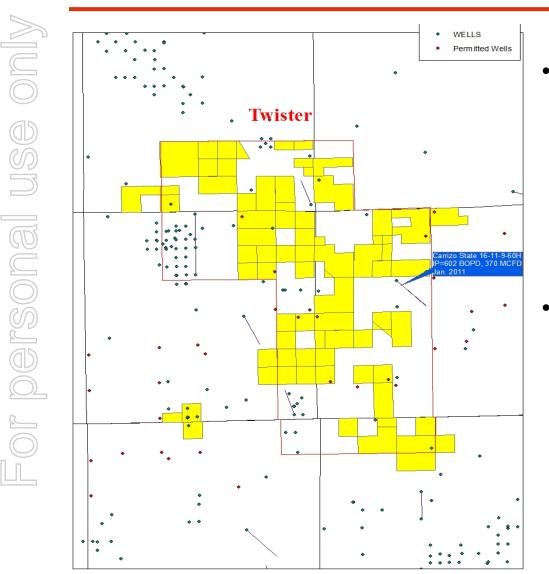


# **Bull Canyon/Silo Permitting Underway**

- SEA operated prospects (~36% equity interest) with
- SEA farmed down interest to Halliburton and Macquarie for \$2.4M in cash, \$3.9M in carried capital expenditures, and reversionary rights if development does not progress
- Strong offsetting results provide confidence in drilling
- Sundance is has submitted 9 permits and has 7 permits in process with drilling expected to start calendar 4<sup>th</sup> quarter of 2011



# **Twister Prospect Development Commencing**



Noble, our primary operator on Twister, is beginning to permit wells for development (SEA equity interest of ~15%)

**SUN** 

 EOG, a secondary operator on Twister, has obtained 13 permits and we anticipate they will commence drilling shortly (SEA equity interest of ~5%)



# No Sundance reserves, production or EBITDA currently attributable to horizontal Niobrara

- Operators in the area reporting 250,000+ boe ultimate recoverable reserves, 450
  - 1,750 boepd initial production rates, an likely spacing 3 wells per 640 acre spacing unit
- Sundance anticipates drilling on its prospects to begin in the calendar 4<sup>th</sup> quarter of 2011

	TEV/EBITDA				
	2010A	2011E	EV/Production 2011E	EV/PV10 2011E*	EV/Reserves 2011E**
Carizzo	14.9x	8.7x	67,036	1.9x	13.67
PETD	6.2x	5.9x	43,556	2.1x	7.20
Rex Energy	19.1x	9.5x	46,825	2.1x	16.48
Voyager	NM	14.3x	80,453	35.5x	426.20
Mean	13.4x	9.6x	59,468	2.0x	12.45
Median	14.9x	9.1x	56,931	2.1x	15.08
*SEC constant c	ase reser	ve prici	ng		
**SEC constant	case prov	ved rese	rves		



- Completed short reach dual-lateral in Pawnee Shale in Kansas with good drilling results; awaiting production results for evaluation
- Establishing Oklahoma City office to expand business in Kansas and Oklahoma
  - Mississippi Lime/Chat and conventional targets in northwest Oklahoma and southwest Kansas
  - Central Kansas uplift conventional targets and potential expansion of Pawnee shale acreage pending test results
  - Long track record of conventional production & targets
  - Early enough to build acreage at rational prices with appropriate private vs. public valuation arbitrage
- Hiring Jim Nondorf, 35 year mid-continent focused geologist, to run mid-continent business
  - Significant geologic experience and deal flow in local area
  - Compete with incumbents because of local knowledge
  - Evaluating several initial opportunities to get to cash flow positive

# Fiscal 3<sup>rd</sup> Quarter 2011 Financial Highlights



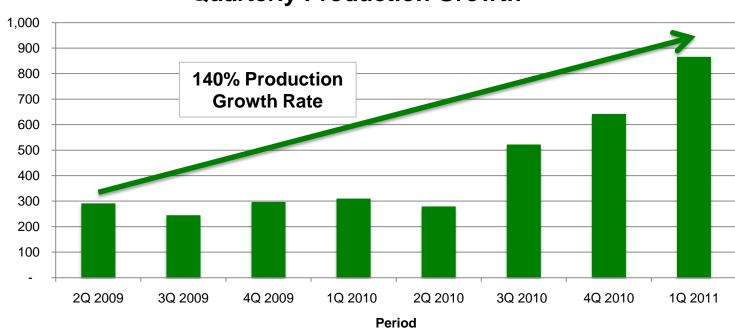
- Producing well count increased by 19 gross (0.6 net) wells to 87 gross (7.7 net) producing wells at 31 March 2011 from 68 gross (7.1 net) at 31 December 2010
- Daily production rates during the third quarter of 2011 increased 20.3% to 866 boepd compared to 720 boepd during the second quarter of 2011
- Proved reserves increased 34% to 6.7 mboe as of 31 December 2010 from 5.0 mboe as of 30 June 2010
- Quarterly oil and gas sales revenue during the third quarter of 2011 increased AU\$1.3M to AU\$5.5M from AU\$3.2M during the second quarter of 2011
- Cash operating income increased 81.8% to AU\$4.0M during the third quarter of 2011 compared to AU\$2.2M during the second quarter of 2011

### **Production Growth From Developmental Drilling**





boepd

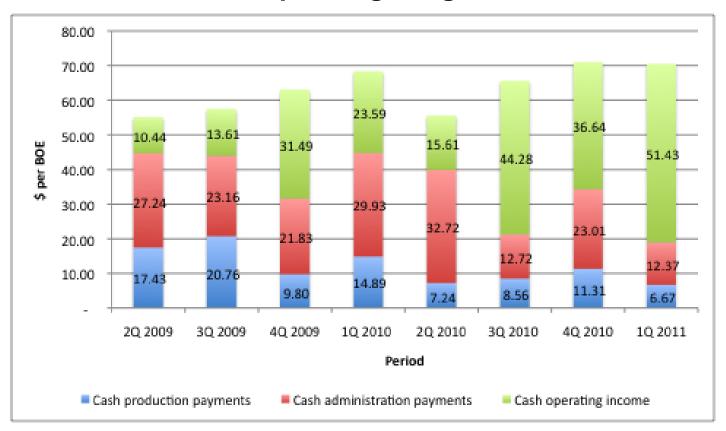


Production growth primarily driven by Bakken/Three Forks where continued development will be funded out of cash on hand, cash flow, and senior debt.

#### **Quarterly Production Growth**

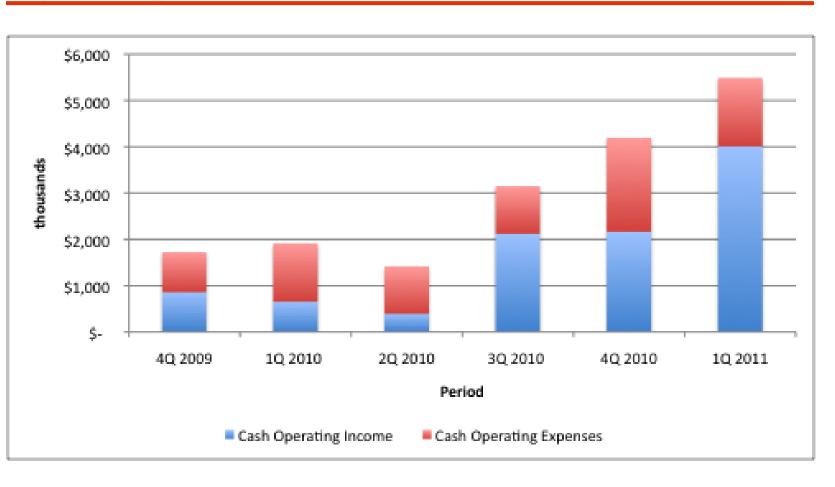


Increases in per well production profile and total company production levels are driving a decrease in fixed production and administration costs resulting in improvements in cash operating margins.



# **Production Growth Translating to Improved Operating Cash Flow**





- \$100M senior credit facility with Bank of Oklahoma set to be signed
  - Straight senior lending with no equity kickers and limited bank involvement in day to day affairs
  - \$10M initially available although bank offered >\$20M borrowing base
  - Interest rate, depending on outstanding borrowings, LIBOR + 225 bps to + 300 bps
  - 4 year term
- Use of funds
  - Fund portion of developmental drilling in Williston Basin and other low-risk opportunities (exhibiting >95% success rates)
  - Production based lending on potential small acquisitions

# **Continuing Progress Towards North American Listing**



#### Finalizing independent review of cost/benefit analysis

5 June 2011		2011E	EV/EBITDAX	2012E	EV/EBITDAX	
KEY US VALUATION COMPS	EV	EBITDA	2011E	EBITDA	2012E	
Brigham Exploration	3,490	254.7	13.7	465.3	7.5	
Oasis Petroleum	2,440	205.0	11.9	358.8	6.8	
Northern Oil & Gas	956	115.2	8.3	199.2	4.8	
Kodiak Oil & Gas	1,120	120.4	9.3	248.9	4.5	
Geo Resources	585	77.0	7.6	108.3	5.4	
Samson Oil & Gas	215	6.2	34.5	53.8	4.0	
Voyager Oil & Gas	123	10.1	12.2	32.4	3.8	
Mean	1,276	112.7	11.3	209.5	6.1	
Sundance Energy Australia	192	24.6	7.8	64.6	3.0	
		EV/	2011E	EV/		EV/
	1P Reserves	1P Reserves	boepd	2011E boepd	SEC PV10	SEC PV10
Brigham Exploration	55.6	62.72	14,313	243,841	969	3.60
Oasis Petroleum	34.7	70.39	9,864	247,366	626	3.90
Northern Oil & Gas	11.3	84.32	4,853	196,999	228	4.20
Kodiak Oil & Gas	11.6	96.40	3,703	302,458	170	6.60
Geo Resources	21.0	27.80	4,941	118,387	325	1.80
Samson Oil & Gas	1.6	135.85	413	521,001	n/a	n/a
Voyager Oil & Gas	0.2	556.91	653	188,343	3	43.40
Mean	19.4	65.60	5,534	230,488	387	3.30
Sundance Energy Australia	6.7	28.66	1,303	147,303	71	2.71





- Strong financial performance during the quarter with significant increases in production, revenue and cash flow
- 6.7 mboe of oily Proved Reserves in the Williston Basin targeting the Bakken and Three Forks oil shales (~8,900 acre position) with aggressive development plan to convert reserves to cash flow
- Exploitation of the Niobrara oil shale (~14,700 acre position) underway with significant industry activity surrounding Sundance's positions
- Capital markets progress with committed management and North American listing on the horizon



Eric McCrady President & CEO Eric has over 13 years of entrepreneurial experience in corporate finance including 5 years in the US energy industry with The Broe Group, a Denver, CO based private investment firm and its energy portfolio companies. Mr. McCrady has an extensive track record in mergers and acquisitions, joint-ventures, corporate finance, including initial public offerings, privatization transaction, and senior and mezzanine debt transactions. He is a United States citizen, and is aged 34 years.

Paul Franks VP Exploration & Development Paul has 30 years experience in the US oil and gas industry with expertise ranging from management of drilling operations and well acquisition to new-exploration activities. Paul has overseen the completion of more than 750 wells for some 50 companies, including Freedom Energy, Inc. Paul's background also includes experience with Franks Independent Drilling, which operated in Texas, Oklahoma, Arkansas and California, as well as extensive expertise developed as an independent consultant to oil and gas exploration companies. He is a United States citizen, and is aged 56 years.

**Kip Hunter** General Counsel & Director of Communications Kip has 25 years of corporate transactional and litigation experience as the principal in the law firm of Hunter & Associates in New York City. He has worked across a broad range of industries, including the banking, insurance and corporate commercial finance sectors, in the areas of asset acquisitions, secured transactions and general corporate development and risk management. He is a United States citizen, and is aged 51 years.