



Compliance statements



Disclaimer

This presentation contains forward looking statements that are subject to risk factors associated with oil, gas and related businesses. It is believed that the expectations reflected in these statements are reasonable but they may be affected by a variety of variables and changes in underlying assumptions which could cause actual results or trends to differ materially, including, but not limited to: price fluctuations, actual demand, currency fluctuations, drilling and production results, reserve estimates, loss of market, industry competition, environmental risks, physical risks, legislative, fiscal and regulatory developments, economic and financial market conditions in various countries and regions, political risks, project delays or advancements, approvals and cost estimates.

EBITDA (earnings before interest, tax, depreciation, depletion, evaluation and impairment) and underlying profit are non-IFRS measures that are presented to provide an understanding of the performance of Beach's operations. They have not been subject to audit or review by Beach's external auditors but have been extracted from audited or reviewed financial statements. Underlying profit excludes the impacts of asset disposals and impairments, as well as items that are subject to significant variability from one period to the next. The non-IFRS financial information is unaudited however the numbers have been extracted from the audited financial statements.

All references to dollars, cents or \$ in this presentation are to Australian currency, unless otherwise stated. References to "Beach" may be references to Beach Energy Limited or its applicable subsidiaries. Unless otherwise noted, all references to reserves and resources figures are as at 30 June 2016 and represent Beach's share.

Competent persons statement

The reserves and resources information in this presentation is based on, and fairly represents, information and supporting documentation prepared by, or under the supervision of, Mr Tony Lake (Manager Cooper Gas). Mr Lake is an employee of Beach Energy Limited and has a BE (Mech) degree from the University of Adelaide and is a member of the Society of Petroleum Engineers (SPE). The reserves and resources information in this presentation has been issued with the prior written consent of Mr Lake in the form and context in which it appears.

Contents



Company Overview	4
Year-to-date Performance	11
Exploration and Development	15
Outlook	21
Appendix	26





BEACH ENERGY LIMITED

A compelling value proposition



Highly profitable base business

- Turnaround in HY NPAT to \$103m; underlying NPAT +1,023%¹
- US\$10 oil price increase delivers +\$50 million NPAT and
 +\$65 million operating cash flow

Increasing drill bit activity

- 40 wells drilled year-to-date at a success rate of 85%
- Ongoing improvements in drill times and well costs
- Planning expanded FY18 drilling campaign

Cost focused culture entrenched

- US\$20/bbl cash flow breakeven
- Western Flank operated field costs ~\$2.70/boe
- Turnaround in Cooper Basin JV returns and free cash flow generation

Refreshed exploration focus

- Targeting full replacement of produced reserves from existing operated acreage over next 3 years
- Birkhead oil and liquids-rich gas discoveries in FY17 support exploration strategy

Substantial liquidity; dividend payment

- \$175 million net cash; \$675 million available liquidity²
- Interim dividend reinstated (1 cent per share fully franked)

Inorganic growth

- Progressing opportunities in a disciplined manner
- Actively assessing high impact exploration new ventures

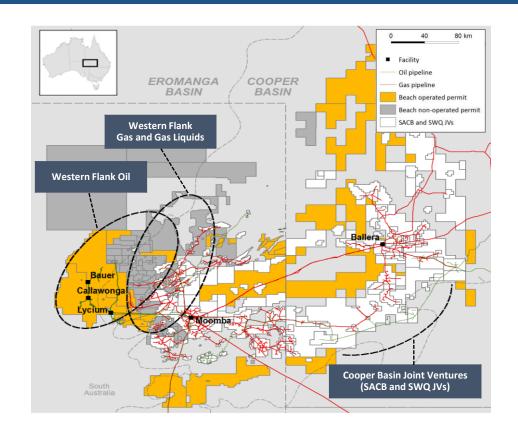
^{1.} For a reconciliation of H1 FY17 net profit after tax to underlying net profit after tax, refer to Appendix

^{2.} As at 31 March 2017

Beach Energy



- Australia's largest onshore oil producer, with a major gas business
- Core operations in the Cooper and Eromanga basins
- Owner of strategic infrastructure linking key energy markets
- Market capitalisation: ~\$1.4 billion¹
- Cash flow breakeven of US\$20/bbl²
- Net cash of \$175 million and available liquidity of \$675 million
- FY17 production guidance: 10.3 10.7 MMboe
- FY17 capital expenditure guidance: \$160 170 million



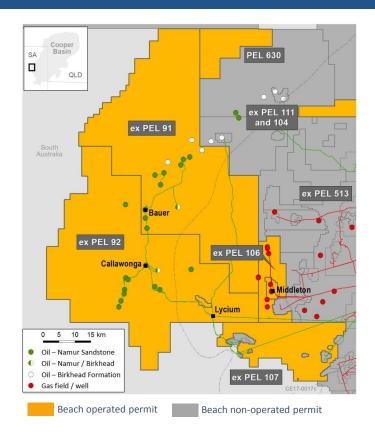
^{1.} Based on closing share price of \$0.725 on 1 May 2017

Refer slide 14 for definition

Western Flank core production



- Primary source of Beach oil production
 - Q3 FY17 net production of 1.1 MMbbl
- Material contributor to Beach gas and gas liquids production
 - Q3 FY17 net production of 220 kboe
 - Middleton compression project commissioned in Q3 FY17
 - Maximum daily raw gas production of 25 MMscf to be reached in O4 FY17
 - Expansion to 40-50 MMscfd under review
- Operator and part owner of flowlines and pipelines linking fields to Moomba
 - Lycium to Moomba daily capacity >21,000 bopd

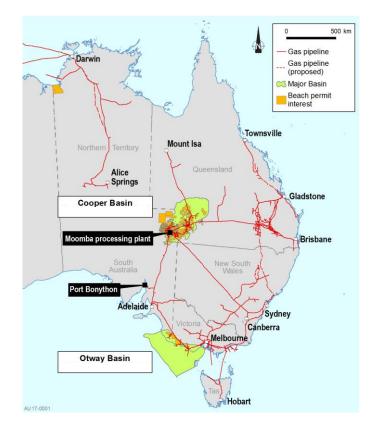


Western Flank Oil: Ex PEL 91: Beach 100%; ex PEL 92: Beach 75% and operator, Cooper Energy 25%; ex PEL 104 / 111: Beach 40%, Senex Energy 60% and operator; PEL 630: Beach farming into 50% operated interest with Bridgeport

Strategic Cooper Basin infrastructure



- Infrastructure ideally located to service southern, eastern and LNG markets
 - Beach ownership interest in Cooper Basin JV infrastructure: ~20%
- ~6,000 kilometres of flowlines into Moomba
- Moomba daily processing capacities:
 - 375 TJ gas (~70% utilised)
 - 35 kbbl oil / condensate (~75% utilised)
 - 600 tonnes LPG (~30% utilised)
 - 48 kbbl daily flowline capacity (Moomba to Port Bonython)
- Gas storage capacity of ~75 PJ
- Moomba processing plant accessible for new discoveries



Cooper Basin joint ventures¹



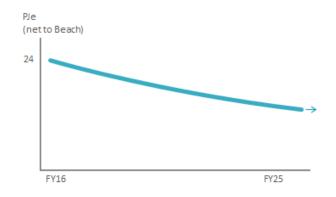
- Diverse Cooper Basin acreage position of ~6.6 million acres
- Substantial gas processing infrastructure, connected to key energy markets
- Primary source of Beach gas production and a material oil contributor
 - Q3 FY17 net gas / gas liquids production of 945 kboe
 - Q3 FY17 net oil production of 170 kbbl
- Beach optionality to participate in drilling campaigns
- Joint venture focus on cost reductions and value optimisation
 - 16% field cost reduction achieved in H1 FY17
- Free cash flow of >\$50 million generated in H1 FY17²
 - Significant turnaround since FY15

Long-life, reliable gas and gas liquids production³

>50 years of Cooper Basin operations

>800 producing gas wells

Ongoing exploration, appraisal and development activity



Ownership interests: Beach ~20%; Santos ~66% and operator; Origin ~14%

Operating cash flow less capital expenditure

Illustrative gas and gas liquids production net to Beach; based on current drilling outlook and ignores
future exploration success or increased drilling activity

Delivering against four-pillar growth strategy



Optimise core in the Cooper Basin



- ✓ Record half year production of 5.5 MMboe
- ✓ Six play-extending oil and gas discoveries
- √ 85% drilling success rate from 40 wells YTD
- Two thirds of discretionary capital targeting projects with >30% IRR
- ✓ Cooper Basin JV costs down 16% in H1 FY17

Maintain financial strength



- ✓ US\$20/bbl cash flow breakeven
- ✓ H1 FY17 operating cash flow up 19% to \$154m
- Net cash of \$175m and available liquidity of \$675m as at 31 March 2017
- Interim dividend reinstated (1 cps fully franked)

Build an east coast gas business



- ✓ Three liquids-rich discoveries from four-well operated program
- Improved margins from new commercial arrangements for Western Flank gas
- ✓ Assessing further facilities expansion
- ✓ Planning expanded FY18 drilling program

Pursue other growth opportunities



- ✓ Multiple opportunities under review
- Strict capital allocation process driving decisions
- Substantial and increasing liquidity to pursue next phase of growth





BEACH ENERGY LIMITED

Operational highlights

Production growth and play-extending discoveries



Highlights

- Production growth year-on-year; mitigating natural field decline
- 85% success rate from 40 wells; play-extending discoveries
- Operating and cost efficiencies
 - Western Flank field costs ↓26% to \$2.70/boe
 - Cooper Basin JV field costs ↓16%
- Incremental production in Q4 FY17 from expansion projects
 - Middleton compression and Bauer facility expansion
- FY17 production guidance maintained at 10.3 – 10.7 MMboe
- FY17 capital expenditure guidance reduced to \$160 – 170 million

Production: Year-to-date¹



Artificial lift

- 5 installations
- \$4.5m cost
- >800 bopd initial oil production
- <4 month payback

Variable speed beam pump installation in ex PEL 91

1. Year-to-date for nine months to 31 March

Exploration Success

- √ Three gas discoveries from four-well operated campaign
 - 3.4 MMboe preliminary estimated
 2P reserves addition¹
 - 3-12 MMscfd potential flow rates¹
 - Liquids-rich, up to 150 bbl/MMscf¹
 - Expected online in H1 FY18
- ✓ Birkhead oil discovery at Kangaroo-1
 - Encouraging for broadly untested and extensive play fairway
 - Follow-up wells and potential horizontal pilot in FY18

Planning underway for an expanded FY18 operated drilling campaign

1. See announcement of 5 April 2017 for further information and disclosures

Financial highlights

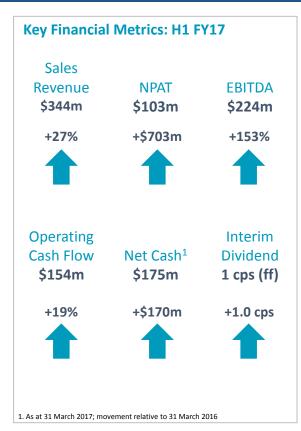
Robust business model delivering turnaround in profitability

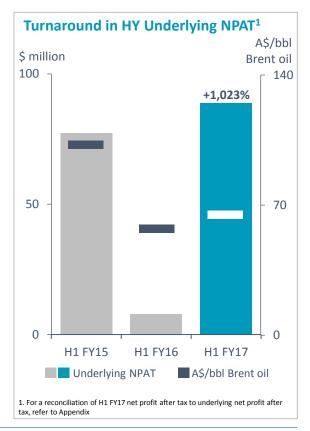


Highlights

- Financial results benefiting from robust business model
 - Strong production and operating performance
 - Leverage to higher oil prices
 - Reduced field operating costs
 - Lean headcount and overheads
 - Benefits of asset rationalisation
- Strengthened financial position
 - Net cash of \$175 million;
 \$675 million available liquidity¹
- Disciplined deployment of free cash flow to fund growth
- No cash tax in FY17; expecting cash tax in FY18

1. As at 31 March 2017





Operating and cost efficiencies

Delivering savings across operated and non-operated ventures



Cash flow breakeven ¹	Reduced fixed expenditureOperating and cost efficiencies	US\$26/bbl (FY16)	US\$20/bbl (H1 FY17)	23%
Drill cost per well: Western Flank ²	New rig contractFit-for-purpose rig	\$2.2m (FY16)	\$2.0m (H1 FY17)	10%
Field costs: Western Flank ³	Renegotiated contractsReduced reliance on contractors	\$3.60/boe (FY16)	\$2.70/boe (H1 FY17)	26%
Capital expenditure: Cooper Basin JV	Operating and cost efficienciesSelective drilling participation	\$122m (FY16)	\$60-65m (FY17E)	47-51%
Field costs: Cooper Basin JV ⁴	Reduced workforce'Challenging the norm'	\$46m (H1 FY16)	\$39m (H1 FY17)	16%
Drill durations: Cooper Basin JV ⁵	 Reduced rig mobilisation and non-productive time 	24 days (CY15)	16 days (CY16)	33%

Average annual oil price whereby cash flows from operating activities before tax equate to cash flows from investing activities less discretionary expenditure and acquired cash; figures compare six month period to 31 December 2016 (H1 FY17) with 12 month period to 30 June 2016 (FY16)

^{2.} Average cost to drill, case and complete

^{3.} Field operating costs for ex PEL 91, 92 and 106; excludes tariffs, tolls and royalties

^{4.} Field operating costs for Cooper Basin JV oil and gas production; excludes redundancy costs and non-recurring items

^{5.} Average days from spud to rig release, plus average rig move days





BEACH ENERGY LIMITED

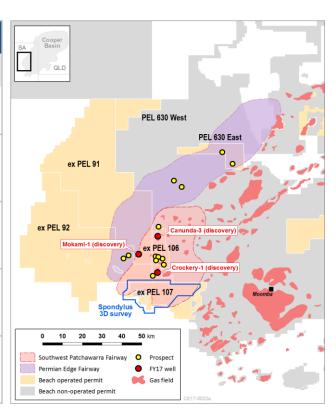
Gas exploration – Cooper Basin

Significant untapped exploration potential



- Extensive Southwest Patchawarra (SWP) and Permian Edge (PE) play fairways
- Three SWP discoveries from fourwell operated campaign
 - Support plans for expanded FY18 drilling campaign and potential facilities expansion
- 340 km² Spondylus 3D survey to enhance SWP prospect portfolio
- High impact prospects under evaluation in PE play fairway
 - ~1,300 km² under-explored
 PE fairway
 - PEL 630 farm-in complements portfolio; full 3D coverage

FY17 Gas Discoveries¹					
	Canunda-3	Crockery-1	Mokami-1		
Net gas pay	3 metres	7 metres	10 metres		
Preliminary 2P reserve addition	1.0 MMboe	0.9 MMboe	1.5 MMboe		
Estimated initial production	>3 MMscfd	3-8 MMscfd	8-12 MMscfd		
Liquids content of raw gas	>150 bbl/MMscf	ТВС	93 bbl/MMscf		
Expected connection date	Q1 FY18	Q1 FY18	Q2 FY18		



^{1.} Preliminary estimates; refer announcement of 5 April 2017 for further information and disclosures

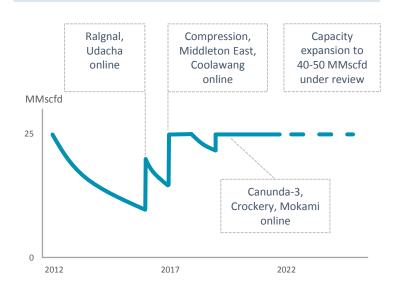
Gas appraisal and development – Cooper Basin

Middleton capacity expansion under review



- Middleton compression project commissioned in Q3 FY17
- Enables 25 MMscfd raw gas capacity to be reached and maintained
 - ~20 MMscfd net gas / liquids production
 - ~25-35 bbl/MMscf average liquids content
- FY17 discoveries and expected increase in FY18 drilling support plans for further capacity expansion
 - Potential expansion to 40-50 MMscfd currently under review
- Cooper Basin JV drilling programs ongoing
 - Activity close to existing infrastructure to enable quick tie-ins

Optimising production infrastructure¹



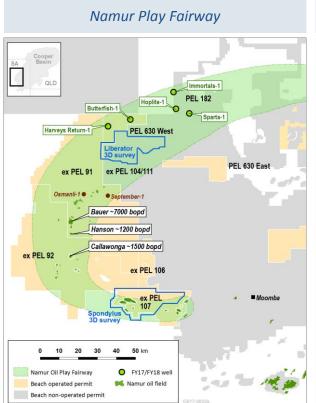
1. Illustrative raw gas production; ignores maintenance downtime and Moomba operator shut-in requests

Oil exploration – Cooper Basin

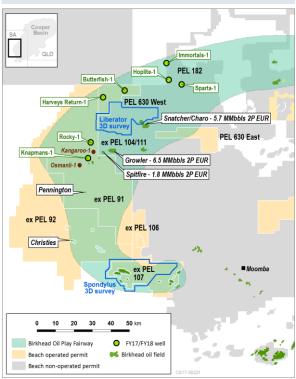
Long-term running room from extensive play fairways



- Extensive, under-developed play fairways (~13,500 km²)
- Five exploration wells in H2 FY17
- PEL 630 farm-in complements portfolio
 - Two exploration wells to test northwest Namur extension
- Kangaroo-1 follow-up wells in FY18 to calibrate Birkhead reservoir models
 - Successful outcomes to support horizontal drilling pilot
 - Potential roll-out of horizontal Birkhead drilling
- Birkhead oil at Hoplite-1 supports potential fairway extension
- 3D seismic surveys to augment extensive existing coverage



Birkhead Play Fairway

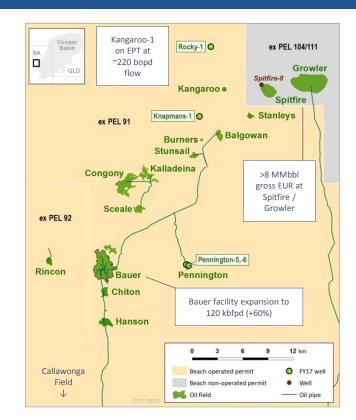


Oil appraisal and development – Cooper Basin

Targeting new reserves from existing fields



- Untapped reserve potential in existing fields
- McKinlay reservoir to be appraised and developed
 - Five-well campaign to commence in Callawonga Field
 - FY18 horizontal drilling pilot for Bauer Field under review
- Kangaroo-1 discovery well on extended test; Birkhead horizontal drilling pilot under review
- Pennington infill drilling to accelerate production; additional opportunities under review
- Bauer facility expansion to be completed in Q4 FY17
 - 60% increase in fluids handling capacity to 120,000 bfpd
- Spitfire-8 brought online in Q3 FY17
- Ongoing artificial lift installations; five completed in H1 FY17
- Recent field development activities successfully mitigating natural field decline

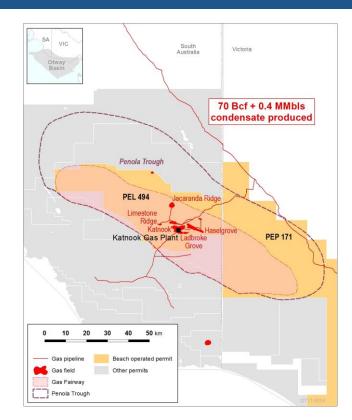


Gas exploration – Otway Basin

Conventional gas exploration well targeting 34 Bcf prospect¹



- South Australian Government to support gas exploration drill costs via \$6 million PACE grant
 - 'Plan for Accelerating Exploration' gas grant scheme aims to bring new gas to market within three years
 - Grant expected to cover 40-50% of Haselgrove-3 drill costs
- Haselgrove-3 in PPL 62 (Beach 100%) targeting 34 Bcf conventional gas and gas liquids prospect¹
- If successful, additional follow-up exploration prospects could supply material new gas to the market
- Proven Penola Trough gas province, close to existing infrastructure and pipeline networks
 - Beach operations in region for past 50 years



^{1.} Best unrisked estimate of prospective resource using the probabilistic methodology; Beach assigns a "32% probability of success. Refer competent persons statement for further disclosures. The estimated quantities of petroleum that may potentially be recovered by the application of a future development project relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.





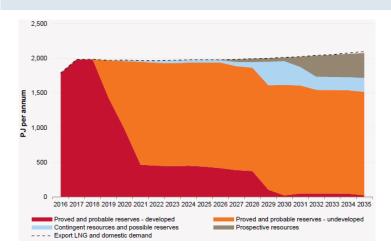
BEACH ENERGY LIMITED

East coast gas opportunity

Additional drilling required to address market imbalances



East coast gas supply and demand¹



- LNG demand / gas shortage fundamentals unchanged
- Government intervention recently announced
- Removal of barriers to gas exploration critical

Beach delivering on gas strategy

✓ Growing operated gas business

- Improved commercial arrangements
- Compression to sustain maximum production
- Surplus gas for spot market in H2 FY17
- Systematic approach to exploring proven and frontier play fairways
- Planning expanded FY18 drilling program; potential facilities expansion under review

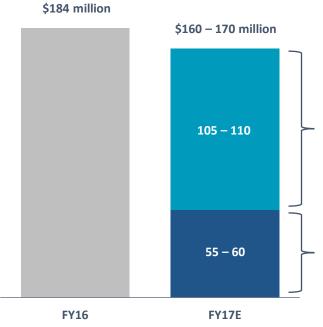
✓ Active Cooper Basin JV exploration

- Six-well campaign underway in Queensland
- Mapping of 1,200km² Snowball 3D survey
- Beach to recommend exploration targets to guide capital and returns
- Beach to only participate in drilling which provides adequate returns

Capital expenditure guidance

Expanded drilling program to be delivered at a lower overall cost





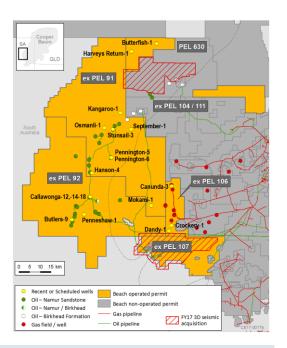
Discretionary expenditure

High-graded projects; NPV positive; nearterm line of sight to financial return; capital allocation requirements met; deferrable at lower oil prices; includes exploration and development activities

- ~45% allocated to Western Flank oil
- ~25% allocation to Western Flank gas
- ~30% allocated to Cooper Basin JV

Fixed expenditure

Committed expenditure for asset maintenance, permit fees and tenement commitments



Two thirds of discretionary expenditure allocated to projects with >30% IRR



Strategy	 Clearly defined growth strategy underpinned by robust core base business Demonstrated progress via Drillsearch merger and farm-in activity Focused on opportunities with similar risk profile to base business
Approach	 Strict, revised capital allocation framework for all discretionary expenditure Strict, revised technical and commercial staged due diligence processes Strict financial return hurdles must be met; clear path to value
Progress	 Multiple opportunities under review A number of opportunities already dismissed due to inadequate return vs risk Disciplined and orderly approach to opportunities
Timing	 Core business performing well with strengthening financial position No timeframe or executive incentives in place to complete transactions Actively assessing and prepared to wait for the right opportunities

A compelling value proposition



Highly profitable base business

- Turnaround in HY NPAT to \$103m; underlying NPAT +1,023%¹
- US\$10 oil price increase delivers +\$50 million NPAT and +\$65 million operating cash flow

Increasing drill bit activity

- 40 wells drilled year-to-date at a success rate of 85%
- Ongoing improvements in drill times and well costs
- Planning expanded FY18 drilling campaign

Cost focused culture entrenched

- US\$20/bbl cash flow breakeven
- Western Flank operated field costs ~\$2.70/boe
- Turnaround in Cooper Basin JV returns and free cash flow generation

Refreshed exploration focus

- Targeting full replacement of produced reserves from existing operated acreage over next 3 years
- Birkhead oil and liquids-rich gas discoveries in FY17 support exploration strategy

Substantial liquidity; dividend payment

- \$175 million net cash; \$675 million available liquidity²
- Interim dividend reinstated (1 cent per share fully franked)

Inorganic growth

- Progressing opportunities in a disciplined manner
- Actively assessing high impact exploration new ventures

^{1.} For a reconciliation of H1 FY17 net profit after tax to underlying net profit after tax, refer to Appendix

^{2.} As at 31 March 2017





BEACH ENERGY LIMITED

H1 FY17 significant items



Reconciliation of Net Profit After Tax to Underlying Net Profit After Tax

Comparison of underlying profit (\$m)	H1 FY16	H1 FY17	Movement from PCP
Net profit / (loss) after tax	(600.1)	103.4	703.5
Remove merger costs	1.5	-	(1.5)
Remove asset sales	-	(52.9)	(52.9)
Remove unrealised hedging movements	(2.1)	5.1	7.2
Remove provision for non-recovery of international taxes	7.5	-	(7.5)
Remove impairment of assets	634.6	33.1	(601.5)
Tax impact of above changes	(33.5)	-	33.5
Underlying net profit after tax	7.9	88.7	80.8

Underlying results in this report are categorised as non-IFRS financial information provided to assist readers to better understand the financial performance of the underlying operating business. They have not been subject to audit or review by Beach's external auditors. Following a change to the hedging policy during the period to include the use of collars and the increased volatility on the derivative valuations associated with this, Underlying results are now being adjusted for unrealised hedging gains/(losses) with the prior year comparative restated to be on a consistent basis with the table above providing a reconciliation of this information to the Half Year Financial Report.

FY17 capital expenditure program



Capital Expenditure	\$ million	\$ million Wells		Activities	
		Ехр.	App/Dev		
Western Flank Operated Oil					
Ex PEL 91	30	4	4	 Bauer facility expansion Kangaroo production facility Birkhead and Patchawarra exploration wells Pennington development wells 	
Ex PEL 92	10 – 15	1	7	Callawonga development wellsArtificial lift installations	
PEL 630	5	2	-	Namur oil exploration wells	
ixed Expenditure	10	-	-		
Western Flank Non-operated Oil					
Ex PEL 104 / 111	5	-	1	Spitfire development well3D seismic data interpretation	
ixed Expenditure	5	3	-	Three PEL 182 exploration wells	
Western Flank Gas					
Ex PEL 106 / 107	20	2	1	Middleton compressionThree-well drilling program (Mokami-1 in ex PEL 91)	
ixed Expenditure	10	-	-		
Cooper Basin Joint Ventures					
Discretionary: Oil and Gas	35 – 40	6	23	Expanded drilling program in H2 FY17	
ixed: Oil and Gas	Up to 25	-	-		
Other					
	Up to 5	-	-		
otal otal	160 – 170	18	36		

FY17 operated drilling program increased to 21 wells (+8)



Permit	Well	Timing	Target	Rationale	Result ¹
	Hanson-4	Q1	Namur	Development well to support facility expansion	✓ Success: C&S
	Stunsail-3	Q1	Namur	Development well; part of low cost, full field development plan	✓ Success: C&S
	Kangaroo-1	Q2	Birkhead	De-risk Birkhead stratigraphic oil play on Western Flank	✓ Success: C&S
Ex PEL 91	September-1	Q2	Namur	Near-field exploration on proven play trend	✓ Success: C&S
EX PEL 91	Osmanli-1 Q2 Mokami-1 Q3	Q2	Namur	Near-field exploration on proven play trend	✓ Success: C&S
		Q3	Patchawarra	Extend Patchawarra gas / condensate play toward west	✓ Success: C&S
	Pennington-5	Q3	Namur	Development well to accelerate production	✓ Success: C&S
	Pennington-6	Q4	Namur	Development well to accelerate production	✓ Success: C&S
	Callawonga-12	Q1	Namur	Development well; upside on northeast flank	✓ Success: C&S
Ex PEL 92	Penneshaw-1	Q2	Namur	Near-field exploration on proven play trend	• P&A
EX PEL 92	Butlers-9	Q2	Namur	Appraisal well to test northwest extension of field	• P&A
	Callawonga-14-18	Q4	McKinlay	Develop new reserves; appraise extent of reservoir	
	Canunda-3	Q2	Patchawarra	Appraisal well to test extension of field	✓ Success: C&S
Ex PEL 106	Crockery-1	Q3	Patchawarra	Near-field exploration on proven play trend	✓ Success: C&S
	Dandy-1	Q3	Patchawarra	Near-field exploration well south of Middleton	• P&A
PEL 630	Butterfish-1	Q4	Namur	Exploration well to test northwest extension of Namur play	• P&A
PEL 030	Harveys-1	Q4	Namur	Exploration well to test northwest extension of Namur play	

^{1.} C&S: Cased and suspended as a future producer; P&A: Plugged and abandoned





BEACH ENERGY LIMITED

Investor Relations

Derek Piper Investor Relations Manager Tel: +61 8 8338 2833 25 Conyngham Street, Glenside SA 5065

Tel: +61 8 8338 2833 Fax: +61 8 8338 2336 www.beachenergy.com.au