



ASX release

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Monthly drilling report – April 2018

Development – Cooper and Eromanga Basins

Western Flank Oil – ex PEL 104 / 111

(Beach 40%, Senex 60% and operator)

The two-well oil campaign in the Marauder Field, located approximately 90 kilometres northwest of the Moomba plant, was completed. The second well, Marauder-2 DW1 utilised the Marauder-2 wellbore, which was plugged back and side-tracked to a development location 330 metres northwest of the producing Marauder-1. Marauder-2 DW1 successfully intersected Birkhead reservoir sands and was cased and suspended as a future producer.

South Australian Gas – Cooper Basin JV

(Fixed Factor Area JV: Beach 33.4%, Santos 66.6% and operator)

A horizontal gas and oil development well was drilled in the Tirrawarra Field approximately 50 kilometres north northwest of the Moomba plant. Tirrawarra-94 targeted the Patchawarra Formation as a primary gas objective and the Tirrawarra Sandstone as a primary oil objective. The well encountered good gas shows in the Patchawarra Formation and good oil shows in the Tirrawarra Sandstone, where a 1,050 metre lateral section was drilled. Tirrawarra-94 was cased and suspended as a future gas and oil producer.

A two-well gas development campaign was undertaken in the Marabooka Field, located approximately 45 kilometres east of the Moomba plant. Marabooka-17 and -18 each targeted the Coorikiana Sandstone to develop undrained compartments. The wells encountered gas shows in line with expectations and were cased and suspended as future producers.

Exploration and Appraisal – Cooper and Eromanga Basins

Western Flank Gas – PEL 630

(Beach 50% and operator, Bridgeport 50%)

Beach commenced the second phase of its FY18 operated gas exploration campaign. The campaign is focused on the Southwest Patchawarra (SWP) and Permian Edge (PE) play fairways. Both fairways contain combination structural and stratigraphically trapped conventional gas targets in the Patchawarra Formation.

The first two wells of the five-well campaign are being drilled in the East Block of PEL 630, approximately 70 kilometres northwest of the Moomba plant. Lady Bay-1 and Ulladulla-1 are designed to test the extension of the Patchawarra stratigraphic play in the northern portion of the Patchawarra Trough, in the underexplored PE play fairway. The Patchawarra Formation is the

primary target and the Tirrawarra Formation the secondary target for both wells. Lady Bay-1 intersected encouraging gas shows in the primary target, however, reservoir quality was deemed insufficient for commerciality and the well was plugged and abandoned. At month end, Ulladulla-1, was drilling ahead at 2,999 metres.

South Australian Gas – Cooper Basin JV

(Fixed Factor Area JV: Beach 33.4%, Santos 66.6% and operator)

A single gas appraisal well, Moomba-224, is being drilled in the Moomba Northeast Field, approximately 15 kilometres north of the Moomba plant. The well is targeting the Patchawarra and Epsilon formations as primary targets. At month end Moomba-224 was drilling ahead at 15 metres.

Queensland Gas – Cooper Basin JV

(Beach 39.94%, Santos 60.06% and operator)

A two-well, gas exploration campaign commenced on the greater Hobgoblin prospect, a prospect that extends over an area of approximately 70km². The first well of the campaign, Mountain Goat-1, was drilled approximately 70 kilometres west of the Ballera gas facility and targeted the Patchawarra Formation as a primary objective. The well intersected gas pay in the primary objective and was cased and suspended for future testing. The second well of the campaign, Hobgoblin-1, is approximately 12 kilometres east of Mountain Goat-1 and also targets the Patchawarra Formation as a primary objective. At month end, Hobgoblin-1 was drilling ahead at 2,703 metres.

Near field exploration well, Tigris-1 was drilled approximately 100 kilometres east southeast of the Moomba plant. The Tigris-1 prospect was identified using the recently acquired Snowball 3D Seismic Survey and targeted the Patchawarra Formation as a primary objective. The well did not intersect commercial pay and was plugged and abandoned.

Monthly Drilling Report – Period ended 06:00, 1 May 2018

Well	Participants	Progress and summary		Primary targets
Cooper Basin operated				
Lady Bay-1	BPT* 50.00%	Drilling this month:	2,978 metres	Patchawarra Formation
PEL 630	BE 50.00%	Current depth:	3,133 metres (total depth)	
Gas exploration		Status:	Plugged and abandoned	
C/E Basin, SA				
Ulladulla-1	BPT* 50.00%	Drilling this month:	2,999 metres	Patchawarra Formation
PEL 630	BE 50.00%	Current depth:	2,999 metres	
Gas exploration		Status:	Running wireline	
C/E Basin, SA				
Cooper Basin non-operated				
Marauder-2 DW1	BPT 40.00%	Drilling this month:	1,232 metres	Birkhead Formation
PRL 136	SXY* 60.00%	Current depth:	2,145 metres (total depth)	
Oil development		Status:	Cased and suspended as a future Birkhead Formation oil producer	
C/E Basin, SA				
Moomba-224	BPT 33.40%	Drilling this month:	15 metres	Epsilon Formation
PPL 7	STO* 66.60%	Current depth:	15 metres	Patchawarra Formation
Gas appraisal		Status:	Drilling ahead	
C/E Basin, SA				
Marabooka-17	BPT 33.40%	Drilling this month:	1,084 metres	Coorikiana Sandstone
PPL 22	STO* 66.60%	Current depth:	1,084 metres (total depth)	
Gas development		Status:	Cased and suspended as a future Coorikiana gas producer	
C/E Basin, SA				
Marabooka-18	BPT 33.40%	Drilling this month:	1,081 metres	Coorikiana Sandstone
PPL 22	STO* 66.60%	Current depth:	1,081 metres (total depth)	
Gas development		Status:	Cased and suspended as a future Coorikiana gas producer	
C/E Basin, SA				
Tirrawarra-94	BPT 33.40%	Drilling this month:	4,276 metres	Patchawarra Formation
PPL 20	STO* 66.60%	Current depth:	4,276 metres (total depth)	Tirrawarra Formation
Gas development		Status:	Cased and suspended as a future Permian gas producer	
C/E Basin, SA				
Hobgoblin-1	BPT 39.94%	Drilling this month:	2,703 metres	Patchawarra Formation
ATP 1189	STO* 60.06%	Current depth:	2,703 metres	
Gas exploration		Status:	Drilling ahead	
C/E Basin, QLD				
Tigris-1	BPT 39.94%	Drilling this month:	1,908.5 metres	Patchawarra Formation
ATP 1189	STO* 60.06%	Current depth:	1,908.5 metres (total depth)	
Gas exploration		Status:	Plugged and abandoned	
C/E Basin, QLD				
Mountain Goat-1	BPT 39.94%	Drilling this month:	3,237 metres	Patchawarra Formation
ATP 1189	STO* 60.06%	Current depth:	3,237 metres (total depth)	
Gas appraisal		Status:	Cased and suspended as a future Permian gas producer	
C/E Basin, QLD				

(*) Operator

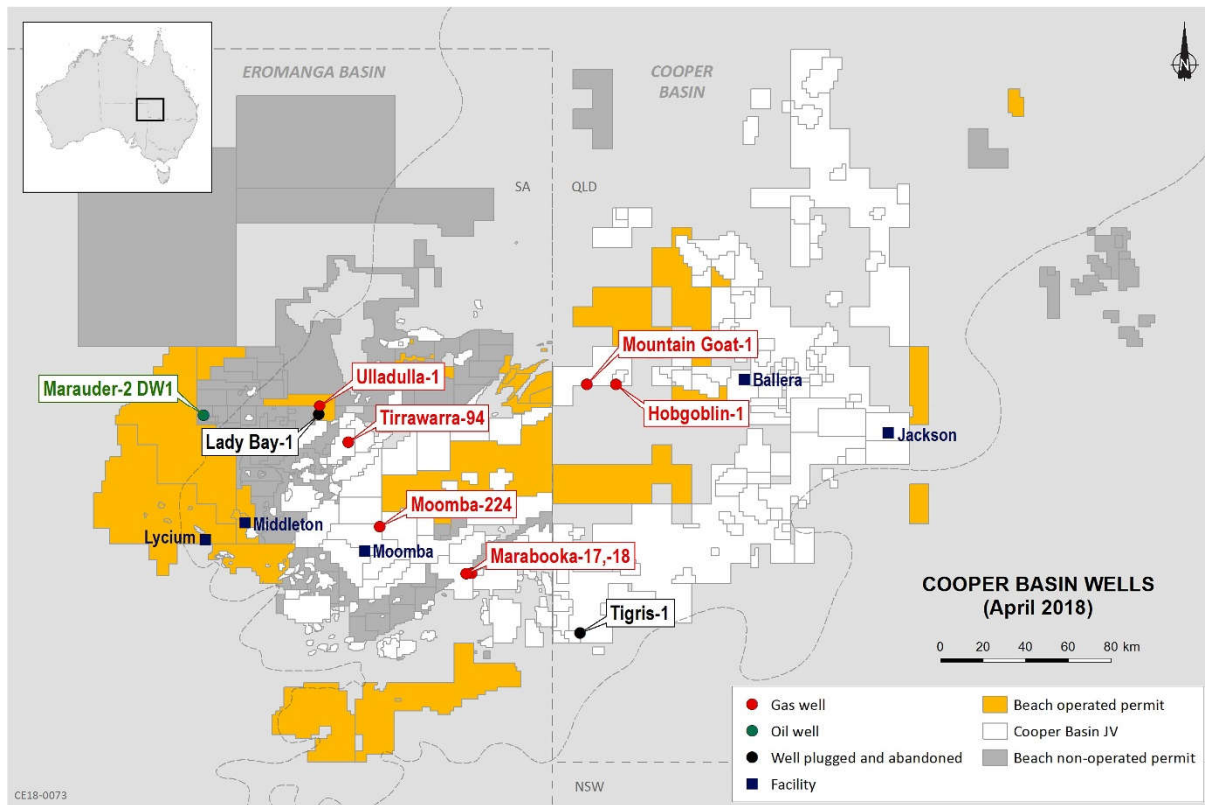
BPT Beach Energy Ltd

BE Bridgeport Energy Ltd

STO Santos Ltd

SXY Senex Energy Ltd

Cooper and Eromanga Basins



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