



Monthly Drilling Report

August 2015

For Immediate Release – 2 September 2015

Ref. #052/15

ASX Ltd
Companies Announcement Office
Electronic Lodgement System

Beach Energy Ltd
ABN: 20 007 617 969
ASX Code: BPT

25 Conyngham Street
GLENSIDE SA 5065

GPO Box 175
ADELAIDE SA 5001

Tel: +61 8 8338 2833
Fax: +61 8 8338 2336

Web:
www.beachenergy.com.au
Email:
info@beachenergy.com.au

DEVELOPMENT

AUSTRALIA – COOPER AND EROMANGA BASINS

South Australian Gas

(Fixed Factor Area Joint Venture: Beach 20.21%, Santos 66.6% and operator, Origin 13.19%)

A six-well campaign is underway in the Tirrawarra and Gooranie fields, located approximately 50 kilometres north of Moomba, targeting gas and gas liquids in the Patchawarra Formation and oil in the Tirrawarra Sandstone. The campaign is being undertaken as a result of past drilling, which highlighted significant remaining potential within both gas and oil reservoirs, and findings from the detailed Patchawarra Formation study undertaken in 2011. Included in the program is one coal fracture stimulation per well, with the aim to test possible incremental well productivity from deep coals. Tirrawarra-88, the third well of the campaign, was cased and suspended following intersection of gas and oil pay slightly better than pre-drill estimates. Tirrawarra-86 is currently drilling ahead.

EXPLORATION AND APPRAISAL

AUSTRALIA – COOPER AND EROMANGA BASINS

Ex PEL 104 / 111

(Beach 40%, Senex 60% and operator)

The Fulcrum-1 exploration well is located in PRL 136 between the producing Spitfire Field and the Stanleys-1 oil discovery in ex PEL 91. The well was drilled to test a combination structural and stratigraphic trap within the Birkhead Formation, targeting the same reservoir as offset discoveries at the Spitfire Field and Stanleys-1. The well was located to also test the crest of a structural closure at the Namur Sandstone level as a secondary target. Good oil shows were encountered within the target Birkhead Formation, however the reservoir was poorly developed and the well was subsequently plugged and abandoned.



Spitfire-7, located in PPL 258, is an oil appraisal well on the southern side of the Spitfire Field. The well is located approximately 450 metres west of Spitfire-2 and approximately 500 metres south-west of Spitfire-4, and is targeting the Birkhead Formation. Spitfire-7 is currently drilling ahead.

South Australian Oil

(Fixed Factor Area Joint Venture: Beach 20.21%, Santos 66.6% and operator, Origin 13.19%)

A five-well oil appraisal campaign commenced in the greater Limestone Creek area, located approximately 50 kilometres south-east of Moomba. The campaign aims to appraise and develop additional oil reserves in the McKinlay Formation, with the Murta, Mid Namur and Birkhead formations presenting additional targets in some wells. Development of booked reserves will be undertaken through infill or step-out drilling relative to producing wells. Hobbes-3, the first well of the campaign, was drilled to access oil from the undeveloped western area of the Hobbes Field, located in PPL 234. The well was cased and suspended following intersection of 6.0 metres of net McKinlay oil pay.

South Australian Gas

(Patchawarra East Joint Venture: Beach 17.14%, Santos 72.32% and operator, Origin 10.54%)

Beanbush-2, a standalone appraisal well, was drilled to further define original gas in place in the Beanbush Field, which is located in PPL 156 approximately 100 kilometres north-east of Moomba. The well targeted conventional gas in the Toolachee, Epsilon and Patchawarra formations. Thick coals present in these three formations were also targeted and have been identified for fracture stimulation to assess the potential for enhanced well productivity. Beanbush-2 provided a high-side (P10) gas pay outcome relative to pre-drill estimates and was cased and suspended. The well is expected to be placed on extended production test in Q2 FY16 to provide further information on well productivity, condensate yields and fracture effectiveness.

Queensland Gas

(Beach 23.2%, Santos 60.06% and operator, Origin 16.74%)

The Bolah-2 appraisal well is a standalone well drilled in the Bolah Field in ATP 1189P, located approximately 50 kilometres north of the Ballera gas processing facility. The field was discovered in late 2013 following intersection of gas pay in the Toolachee and Patchawarra formations. Bolah-2 was drilled to appraise the southern extent of the Bolah culmination and was cased and suspended following intersection of gas pay in line with pre-drill estimates. The well also confirmed the extension of field limits, providing support for future field development, which may include seismic activity and installation and connection of infrastructure.

The Windorah near-field exploration program is proposed as a five-well campaign to test simple four-way dip closures, as well as the potential for stratigraphic trap and basin centred gas plays across a large geographical area of the Windorah Trough, proximal to the Whanto Field. Whanto-4, located in PL 148 approximately 110 kilometres north-northeast of the Ballera gas processing plant, was the first well of the campaign and targeted the Toolachee Formation. The well was cased and suspended following high-side (P10) gas pay outcomes. Whanto South West-1 is the second well of the campaign and is currently drilling ahead.

The broader 2015 Windorah-Marama development project includes pipeline installation from the Whanto, Mt Howitt and Toby fields to the existing Coonaberry gathering system. This will allow existing stranded fields to be brought online and deliver additional capacity for current development and near-field exploration drilling outcomes. Pipelines associated with the 2015 Windorah-Marama development project are expected to be completed in Q2 FY16.

Monthly Drilling Report – Period ending 06:00, 1 September 2015

Well	Participants	Progress and Summary	Primary Targets
Cooper Basin non-operated			
Tirrawarra-88	BPT 20.21%	Drilling this month: 2,173 metres	Patchawarra Formation
PPL 20	STO* 66.60%	Current Depth: 3,143 metres (total depth)	Tirrawarra Sandstone
Gas development	ORG 13.19%	Status: Cased and suspended as a future Permian gas producer	
C/E Basin, SA			
Tirrawarra-86	BPT 20.21%	Drilling this month: 964 metres	Patchawarra Formation
PPL 20	STO* 66.60%	Current Depth: 964 metres	Tirrawarra Sandstone
Gas development	ORG 13.19%	Status: Drilling ahead	
C/E Basin, SA			
Fulcrum-1	BPT 40.00%	Drilling this month: 1,815 metres	Birkhead Formation
PRL 136	SXY* 60.00%	Current Depth: 1,815 metres (total depth)	
Oil exploration		Status: Plugged and abandoned	
C/E Basin, SA			
Spitfire-7	BPT 40.00%	Drilling this month: 701 metres	Birkhead Formation
PPL 258	SXY* 60.00%	Current Depth: 701 metres	
Oil appraisal		Status: Drilling ahead	
C/E Basin, SA			
Hobbes-3	BPT 20.21%	Drilling this month: 1,359 metres	McKinlay Member
PPL 234	STO* 66.60%	Current Depth: 1,359 metres (total depth)	
Oil appraisal	ORG 13.19%	Status: Cased and suspended as a future McKinlay Member oil producer	
C/E Basin, SA			
Beanbush-2	BPT 17.14%	Drilling this month: 1,032 metres	Toolachee Formation
PPL 156	STO* 72.32%	Current Depth: 3,618 metres (total depth)	Epsilon Formation
Gas appraisal	ORG 10.54%	Status: Cased and suspended as a future Permian gas producer	Patchawarra Formation
C/E Basin, SA			
Bolah-2	BPT 23.20%	Drilling this month: 2,080 metres	Toolachee Formation
ATP 1189P	STO* 60.06%	Current Depth: 2,878 metres (total depth)	
Gas appraisal	ORG 16.74%	Status: Cased and suspended as a future Permian gas producer	
C/E Basin, QLD			
Whanto-4	BPT 23.20%	Drilling this month: 192 metres	Toolachee Formation
PL 148	STO* 60.06%	Current Depth: 3,128 metres (total depth)	
Gas exploration	ORG 16.74%	Status: Cased and suspended as a future Permian gas producer	
C/E Basin, QLD			
Whanto South West-1	BPT 23.20%	Drilling this month: 1,182 metres	Toolachee Formation
ATP 1189P	STO* 60.06%	Current Depth: 1,182 metres	
Gas exploration	ORG 16.74%	Status: Drilling ahead	
C/E Basin, QLD			

(*) Operator
 BPT Beach Energy Ltd STO Santos Ltd SXY Senex Energy Ltd ORG Origin Energy Ltd

