

Monthly Drilling Report

November 2013

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AUSTRALIA

Nappamerri Trough Natural Gas

In PEL 218 (Beach Energy Ltd (Beach) 70% and operator, Chevron Australia Exploration 1 Pty Ltd (Chevron) 30%), the second horizontal well to be drilled in the Nappamerri Trough, Boston-3, reached total depth on 25 November 2013 after drilling approximately 1,000 metres of horizontal section in the Murteree Shale. The PEL 218 joint venture had previously drilled a 600 metre lateral section in the Murteree shale at Holdfast-2 over a 38 day period. Incorporating the knowledge gained from Holdfast-2, drilling of the lateral section in Boston-3 was much improved and resulted in drilling of approximately 1,000 metre lateral section in 12 days.

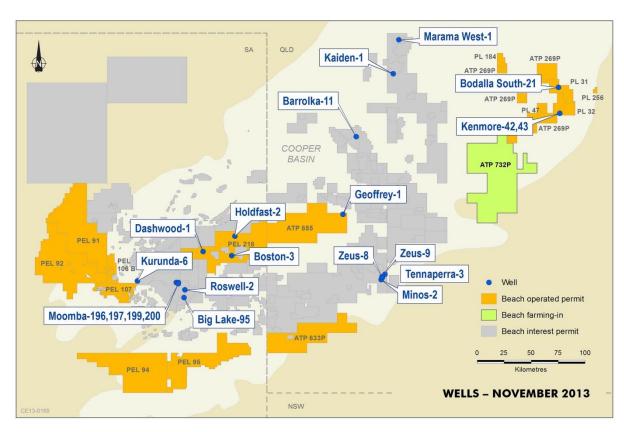
Fracture stimulation activities were undertaken in PEL 218 in the Holdfast-2 horizontal well with nine stages placed. Six of the nine stages were placed as designed, with three stages curtailed due to high treating pressures. Four stimulation stages were also placed in Dashwood-1 to test the lower Patchawarra Formation as part of the exploration strategy for the area. The Dashwood-1 well is currently being cleaned out by coiled tubing which will move to Holdfast-2 shortly to complete clean out activities there. Both wells will be flow tested at the completion of clean out activities.

The Geoffrey-1 vertical exploration well in ATP 855 (Beach 46.9% and operator, Icon Energy Ltd 35.1%, Chevron 18%) is currently drilling ahead at 3,979 metres in the Patchawarra Formation. The well is planned to drill to a maximum depth of approximately 4,250 metres.

Cooper-Eromanga Oil - Queensland

A three well oil development campaign commenced in the 100% Beach fields of southwest Queensland. Kenmore-42 was plugged and abandoned, while Kenmore-43 was cased and suspended as a future Birkhead Formation oil producer. The rig is currently drilling Bodalla South-21 as a deviated development well.





Cooper Basin Oil and Gas - Exploration and Development

In the gas exploration program in Queensland (Beach 23.2%, Santos Ltd (Santos) 60.06% and operator, Origin Energy Resources Ltd (Origin) 16.5%, Australia Pacific LNG (APL) 0.24%), the Kaiden-1 well was drilled to total depth of 3,094 metres and cased and suspended as a Paning Member and Toolachee Formation gas discovery. The Marama West-1 well (Beach 23.8%, Santos 61.2%, Origin 10%) is drilling ahead at 300 metres and is the third well of a three well gas exploration program consisting of Bolah-1 and Kaiden-1, both of which are gas discoveries.

In the gas development program in Queensland (Beach 23.2%, Santos 60.06% and operator, Origin 16.5%, APL 0.24%), the Barrolka-11 well is drilling ahead at 858 metres and setting casing. Barrolka-1 is the first well of a three well program on the Barrolka Field targeting the Toolache Formation.

Drilling continued in the five well Zeus-Minos-Tennaperra oil development campaign in southwest Queensland (Beach 30%, Santos 70% and operator). Since the last report, the second and third wells of the campaign, Zeus-8 and Zeus-9, were drilled, with both cased for future production. The fourth well, Minos-2, reached total depth of 1,783 metres with logging operations currently underway.



In the South Australian Cooper Basin Joint Venture (SACB JV) (Beach 20.21%, Santos 66.6% and operator, Origin 13.19%) gas development program, the Kurunda-6 well was drilled to a total depth of 2,523 metres and cased and suspended as a Patchawarra Formation gas producer.

The Moomba-196 well was drilled to a total depth of 3,130 metres and cased and suspended as a Toolachee/Daralingie/Patchawarra gas producer. The Moomba-197 well is at 913 metres and preparing to drill ahead after setting casing. The Moomba-196 and Moomba-197 wells are standalone conventional vertical wells on the Moomba North Field located approximately two kilometres from the Moomba North Pad. The Moomba-199 and Moomba-200 wells are the second and third wells to be drilled on the four well conventional Moomba North Pad. The Moomba-199 well was depth 3,278 metres a total of and cased and suspended Toolachee/Daraligie/Patchawarra gas producer. The Moomba-200 well was drilled to a total depth of 3,285 metres and is currently running wire-line logs.

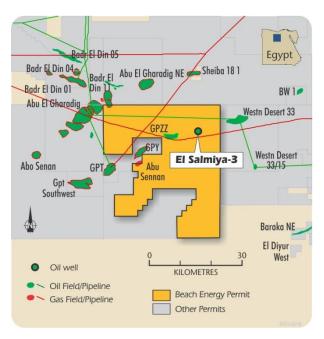
Big Lake-95, the first of five planned wells on the Big Lake well pad, was drilled to a total depth of 3,126 metres and is preparing to run production casing.

In the SACB JV unconventional gas appraisal program, the Roswell-2 horizontal well in the Roseneath Shale was drilled to a total depth of 3,481 metres and is currently setting casing. Roswell-2 is expected to be stimulated and downhole microsiesmic monitoring is planned at the Roswell-1 vertical well.

INTERNATIONAL

Abu Sennan Concession, Egypt (Beach 22%, Kuwait Energy Egypt Ltd 50% and operator, Dover Investments Ltd 28%)

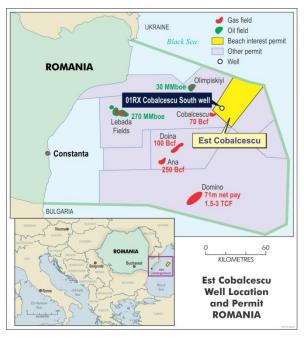
El Salmiya-3 spudded on 8 November 2103 and is currently drilling ahead in the Cretaceous Khoman Formation. The well is designed as an appraisal of the oil discovery from July this year in the lower Cretaceous Kharita Formation. Secondary objectives will be to appraise the Abu Roash and Bahariya discoveries.





Est Cobalcescu Concession, Black Sea, Romania (Beach 30%, Petroceltic International plc 40% and operator, Petromar Resources SA 30%)

The 01RX Cobalcescu South exploration well in Block EX-28 Est Cobalcescu, offshore Romania, was plugged and abandoned after intersecting minor gas shows in upper Miocene sediments. The rig moved off location on 28 November 2013.



Drilling Report - Period ending Wednesday 4th December 2013

BPT* 1	100.00%	Report Time: Depth:	0600 (CST) 04/12/2013 218m	Basal Jurassic,
BPT* 1	100.00%	'	•	
		Depth:	218m	I
				Birkhead Formation,
			Drilling ahead.	Hutton Sandstone.
		Progress:	218m	
DDT+	100.000/	D T	0000 (007) 04/40/0040	Intales of Farmation
BPI [*] 1	100.00%	'	, ,	Birkhead Formation
		'		
		'		
		Progress:	155/M	1
BPT* 1	100.00%	Report Time:	0600 (CST) 04/12/2013	Birkhead Formation
		'		
		'	` '	
			·	
		Progress:	1555m	
BPT*	70.00%	Report Time:	0600 hrs (CST) 04/12/2013	Murteree Shale
CVX	30.00%	Depth:	4295m (TD)	
		Operation:	Well is cased and suspended for future evaluation.	
		Progress:	1014m	
				T
			, ,	Roseneath Shale,
		'		Epsilon Formation,
CN	35.10%	Operation:	Drilling ahead.	Murteree Shale,
				Patchawarra Formation,
		Progress:	1366.8m	Toolachee Formation.
RPT	30.00%	Report Time:	0600brs (CDT) 04/12/2013	Birkhead Formation,
			` ,	Westbourne Formation.
3.0	7 0.00 /0	'	` '	Namur Sandstone.
		•	S S	ivamui Ganusione.
	BPT* BPT* CVX BPT* CVX BPT*	BPT* 100.00% BPT* 70.00% CVX 30.00% BPT* 46.90% CVX 18.00% CN 35.10% BPT 30.00%	Depth: Operation: Progress:	Depth: 1557m (TD) Operation: Well is plugged and abandoned. Progress: 1557m BPT* 100.00% Report Time: 0600 (CST) 04/12/2013 Depth: 1555m (TD) Operation: Well is cased and suspended as a Birkhead Formation oil producer. Progress: 1555m BPT* 70.00% Report Time: 0600 hrs (CST) 04/12/2013 Depth: 4295m (TD) Operation: Well is cased and suspended for future evaluation. Progress: 1014m BPT* 46.90% Report Time: 0600 hrs (CST) 04/12/2013 Depth: 3978.8m Operation: Drilling ahead. Progress: 1366.8m BPT 30.00% Report Time: 0600hrs (CDT) 04/12/2013 Depth: 3978.8m Operation: Drilling ahead. Progress: 1366.8m

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 Page 4



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Well	Part	ticipants		Progress & Summary	Primary Targets
Barrolka-11	BPT	23.20%	Report Time:	0600hrs (CDT) 04/12/2013	Toolachee Formation
PL 112	STO*	60.06%	Depth:	858m	Patchawarra Formation.
Gas Development	ORG	16.50%	Operation:	Drilling ahead.	
C/E Basin, QLD	APL	0.24%	Progress:	858m	
Marama West-1	BPT	23.20%	Report Time:	0600hrs (CDT) 04/12/2013	Paning Sand Member,
ATP 259P	STO*	60.06%	Depth:	300m	Toolebuc Formation,
Gas Exploration	ORG	16.50%	Operation:	Drilling ahead.	Toolachee Formation.
C/E Basin, QLD	APL	0.24%	Progress:	300m	
Tennaperra-3	BPT	30.00%	Report Time:	0600hrs (CDT) 04/12/2013	Birkhead Formation,
PL 168	STO*	70.00%	Depth:	498m (TD)	Westbourne Formation.
Oil Appraisal			Operation:	Set 9 5/8" Casing. Rig Released.	
C/E Basin, QLD			Progress:	498m	
Zeus-9	ВРТ	30.00%	Report Time:	0600hrs (CDT) 04/12/2013	Birkhead Formation,
PL 301	STO*	70.00%	Depth:	1787m (TD)	Westbourne Formation.
Oil Development	1.0	. 2.00,0	Operation:	Well is cased and suspended as a future Birkhead	
				Formation oil producer.	
C/E Basin, QLD			Progress:	1787m	
70.00 9	IDDT	20.000/	Donort Time	0600hrs (CDT) 04/42/2042	Dirkhood Formation
Zeus-8 PL 301	BPT STO*	30.00% 70.00%	Report Time: Depth:	0600hrs (CDT) 04/12/2013	Birkhead Formation, Westbourne Formation.
Oil Development	510	70.00%	Operation:	1788m (TD) Well is cased and suspended as a future Jurassic	westbourne Formation.
Oil Development			Орегацоп.	oil producer.	
C/E Basin, QLD			Progress:	1290m	
, .	l		1 3		
Big Lake-95	BPT	20.21%	Report Time:	0600 hrs (CST) 04/12/2013	Patchawarra Formation,
PPL 11	STO*	66.06%	Depth:	3126m (TD)	Toolachee Formation.
Gas Development	ORG	13.19%	Operation:	Well is cased and suspended as a future Permian	
C/E Basin, SA			Progress:	gas producer. 3126m	
			· · · · g · · · · ·		
Kaiden-1	BPT	23.20%	Report Time:	0600 hrs (CST) 04/12/2013	Paning Sand Member,
ATP259P	STO*	60.06%	Depth:	3094m (TD)	Toolachee Formation.
Gas Exploration	ORG	16.50%	Operation:	Well is cased and suspended as a future Paning	
	APL	0.24%		Member and Toolachee Formation gas producer.	
C/E Basin, QLD			Progress:	1007m	
Kurunda-6	BPT	20.21%	Report Time:	0600 hrs (CST) 04/12/2013	Patchawarra Formation,
PPL 6	STO*	66.06%	Depth:	2523m (TD)	Tirrawarra Formation.
Gas Development	ORG	13.19%	Operation:	Well is cased and suspended as a future Patchawarra	
			_	Formation gas producer.	
C/E Basin, SA			Progress:	0m	
Moomba-200	BPT	20.21%	Report Time:	0600 hrs (CST) 04/12/2013	Roseneath Shale,
PPL 113	STO*	66.60%	Depth:	3285m (TD)	Epsilon Formation,
Gas Appraisal	ORG	13.19%	Operation:	Running wireline log.	Patchawarra Formation,
C/E Basin, SA			Progress:	3185m	Toolachee Formation.
			5.000.		1
Moomba-197	BPT	20.21%	Report Time:	0600 hrs (CST) 04/12/2013	Roseneath Shale,
PPL 7	STO*	66.60%	Depth:	913m	Epsilon Formation,
Gas Development	ORG	13.19%	Operation:	Drilling ahead.	Patchawarra Formation,
C/E Basin, SA			Progress:	913m	Toolachee Formation.
Moomba-199	BPT	20.21%	Report Time:	0600 hrs (CST) 04/12/2013	Roseneath Shale,
PPL 7	STO*	66.60%	Depth:	3278m (TD)	Epsilon Formation,
Gas Development	ORG	13.19%	Operation:	Well is cased and suspended as a future Permian	Murteree Shale,
'	I		Ι .	•	· ·
	ı			gas producer.	Patchawarra Formation,

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 Page 5

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 Page 5



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Moomba-196	BPT	20.21%	Report Time:	0600 hrs (CST) 04/12/2013	Roseneath Shale,
PPL 7	STO*	66.60%	Depth:	3130m (TD)	Epsilon Formation,
Gas Development	ORG	13.19%	Operation:	Well is cased and suspended as a future Permian	Murteree Shale,
				gas producer.	Patchawarra Formation,
C/E Basin, SA			Progress:	296m	Toolachee Formation.
Roswell-2	BPT	20.21%	Report Time:	0600 hrs (CST) 04/12/2013	Roseneath Shale
PPL 9	STO*	66.60%	Depth:	3481m (TD)	
Unconventional	ORG	13.19%	Operation:	Cased and suspended for future evaluation.	
Exploration					
C/E Basin, SA			Progress:	1060m	
01RX Cobalcescu	MRR*	40.00%	Report Time:	0600 hrs (local) 03/12/2013	Potian
EX-28	BPT	30.00%	Depth:	3298m (TD)	
Gas Exploration	PR	30.00%	Operations:	Well is plugged and abandoned with gas shows.	
Romania			Progress:	384m	
El Salmiya-3	BPT	22.00%	Report Time:	0600 hrs (local) 03/12/2013	Abu Roash C, E,
Abu Sennan	KEE*	50.00%	Depth:	2857m	Bahariya, Khatatba
Oil Appraisal	DOV	28.00%	Operation:	Drilling ahead.	
Egypt, Western Desert			Progress:	2857m	

(*) Operator

 BPT
 Beach Energy Ltd
 CVX
 Chevron

 ORG
 Origin Energy Resources
 ICN
 Icon Energy

 STO
 Santos Limited
 APL
 Australia Pacific LNG

MMR Melrose Resources Romania

PR Petromar Resources
KEE Kuw ait Energy
DOV Dover Investments

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 Page 6