

Monthly Drilling Report

August 2013

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For Immediate Release – 4 September 2013 Ref. #051/13

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HIGHLIGHTS

- Oil and gas discovery in El Salmiya-2 ST1, Egypt
- Exploration drilling commences in Est Cobalcescu Concession, Romania

AUSTRALIA

Nappamerri Trough Natural Gas

The vertical exploration campaign continued in ATP 855 (Beach Energy Ltd (Beach) 46.9% and operator, Icon Energy Ltd 35.1%, Chevron Australia Exploration 1 Pty Ltd (Chevron) 18%), with Keppel-1 safely suspended after gas influx from the over-pressured Epsilon Formation. A plug has been set in the base of the intermediate casing and the rig was released to drill the Boston-3 horizontal well in PEL 218 (Beach 70% and operator, Chevron 30%). The ATP 855 Joint Venture will evaluate options to address the resource identified by the gas flows in Keppel-1.

Drilling in PEL 218 recommenced on 3 August with Rapid-1, a vertical exploration well, located in the western part of the permit. Rapid-1 is currently drilling ahead in 8 1/2" hole at depth of 2,654 metres.

Cooper-Eromanga Oil – Western Flank

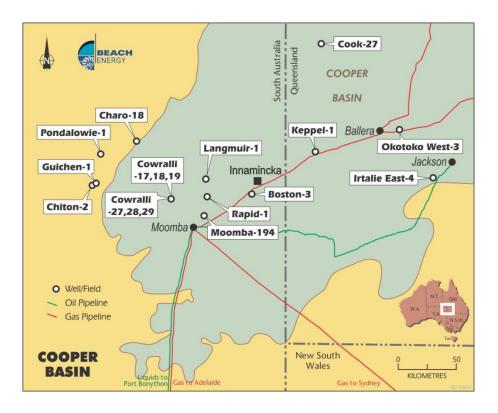
In PEL 91 (Beach 40% and operator, Drillsearch Energy Ltd 60%), Chiton-2 was drilled to total depth of 1, 718 metres. The well was drilled to appraise the field structure, 270 meters north west of the location where Chiton-1 produces oil from the Namur sandstone reservoir. Chiton-2 intersected a 5.5 metre gross oil column and was cased and suspended as a future Namur oil producer.



Also in PEL 91, a three well campaign commenced to test the Birkhead Formation stratigraphic play based on interpretation of the Aquillus 3D seismic survey. The first well of this campaign, Guichen-1, was plugged and abandoned after intersecting a thick sequence of sandstone interbedded with siltstone within the target Birkhead Formation. No hydrocarbon shows were detected.

Following Guichen-1, the rig was moved to Pondalowie-1, which has been drilled to total depth of 2,007 metres. Pondalowie-1 intersected an 18 metre thick, excellent quality sand within the target Birkhead Formation. Wireline logs indicate the sand is water bearing. The well is currently being plugged and abandoned.

The final well of the campaign, Neaves-1, will spud following operations at Pondalowie-1.



Cooper Basin Oil and Gas Exploration and Development

In the gas development program in Queensland (Beach 23.2%, Santos Ltd (Santos) 60.3% and operator, Origin Energy Ltd (Origin) 16.5%) Okotoko West-3 ST1 is at 855 metres, with operations suspended pending resolution of mechanical issues with the rig.

In the South Australian Cooper Basin Joint Venture (SACB JV) gas development program (Beach 20.21%, Santos 66.6% and Operator, Origin 13.19%), Cowralli-17, -18, -27 and -28 were cased and suspended as gas wells. Cowralli-19 spudded on 1 September and is currently drilling ahead at 799 metres. Cowralli-29 spudded on 27 August and is currently drilling ahead at 2,832 metres.



In the SACB JV unconventional gas appraisal program, Langmuir-1 is currently drilling ahead at 3,238 metres. Moomba-194 spudded on 25 August and is currently drilling ahead at 2,249 metres.

In the Queensland Cooper Basin oil development program (Beach 20%, Santos 55% and operator, Origin 25%), Cook-27 was cased and suspended as a future Hutton oil producer.

Drilling in the Irtalie field (Beach 38.5%, Santos 55.5%, Bridgeport (Eromanga) Pty Ltd 2%, Australian Gasfields Limited 2%, Bounty Oil and Gas N.L. 2%) recommenced on 22 August with the drilling of Irtalie East-4. The well was cased and suspended as a future Basal Birkhead/Hutton oil producer.

In the SACB JV oil development program, drilling in the Charo field recommenced on 30 July with the Charo-18 oil appraisal well, which was targeting Basal Birkhead/Hutton sands. This well is a twin to Charo-7, a Mid-Birkhead oil producer. Due to wellbore conditions, openhole wireline logs were not able to be run. Charo-18 was cased and suspended based on a comparison between Charo-7 wireline logs and Charo-18 measurement while drilling (MWD) logs.

INTERNATIONAL

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

A drill stem test (DST) of the Kharita Formation was successfully completed in the El Salmiya-2 ST1, with the operator reporting flows of 3,530 barrels per day and 4.7 MMscfd of gas.

The oil column within the Kharita Formation is 68 metres, measured depth (MD), equating to 49 metres true vertical depth (TVD). The sandstone appears to be of excellent quality with 56 metres of net pay (MD), delivering a net to gross of around 80% within the oil column.



Oil from the DST has an API of 42 degrees, making it light crude, and is the first time oil has been encountered in the Kharita Formation within the concession. Production has previously been obtained from the shallower Bahariya and Abu Roash Formations. The DST performed on the Kharita Formation was undertaken through a 64/64" choke, with the well flowing naturally for six hours. The perforation interval was 4,105 to 4,120 metres, MD, equating to an 11 metre interval, TVD.



The operator has estimated gross 2P reserves of 18.5 MMbbl of oil and 142 Bcf of gas in the Kharita Formation only. An extended production test has commenced and will provide further data enabling confirmation of the operator's initial reserve assessment.

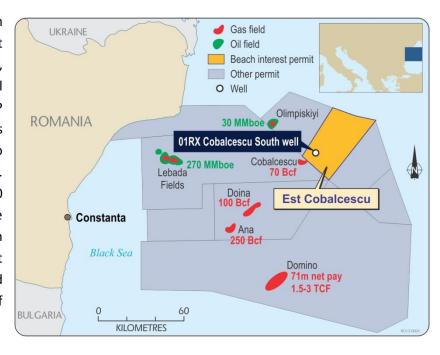
Elsewhere in the permit, ASB-1X is at 4,015 metres and setting the 9 5/8" casing. This well is testing a prospect that has Late Cretaceous and Jurassic exploration targets.

North Shadwan Concession, Egypt (Beach 20%, BP Exploration (Delta) Ltd 50% and operator, Tri-Ocean Energy Company 30%)

The NS 394-4 exploration well is currently being plugged and abandoned after failing to encounter hydrocarbons.

Est Cobalcescu Concession, Black Sea, Romania (Beach 30%, Melrose Resources Romania 40% and operator, Petromar Resources 30%)

01RX Cobalcescu South Exploration well in Block EX-28 Est Cobalcescu, offshore Romania, was spudded August 31. The well is being drilled by the GSP Prometeu jack up rig in 88 metres of water and will be drilled to approximately 3,100 metres. Drilling is expected to take 60 The well is testing the hydrocarbon potential of Pontian (upper Miocene) aged sands at various levels with an unrisked mean prospective resource of over 400Bcf.



There have been numerous discoveries offshore Romania, including the recent Exxon Mobil and OMV Petrom Domino discovery in the adjacent block, with initial estimates being 1.5 to 3.0 Tcf.



Drilling Report - Period ending Wednesday 4th September 2013

Well	Participants			Progress & Summary	Primary Targets
			п		
Pondalowie-1	BPT*	40.00%	Report Time:	0600 (CST) 04/09/2013	Birkhead Formation
PEL 91	DLS	60.00%	Depth:	2007m (TD)	
Oil Exploration			Operation:	Well is plugged and abandoned	
Cooper, SA			Progress:	2007m	
Guichen-1	BPT*	40.00%	Report Time:	0600 (CST) 04/09/2013	Birkhead Formation,
PEL 91	DLS	60.00%	Depth:	1998m (TD)	Namur Sandstone
Oil Exploration			Operation:	Well is plugged and abandoned	
Cooper, SA			Progress:	1998m	
Chiton-2	BPT*	40.00%	Report Time:	0600 hrs (CST) 04/09/2013	Namur Sandstone,
PEL 91	DLS	60.00%	Depth:	1718m (TD)	Birkhead Formation.
Oil Appraisal	DEG	00.0070	Operation:	Well is cased and suspended as a future Namur	Birkilead Formation,
Оп дрргагзаг			Орегацоп.	Sandstone and McKinlay Member oil producer.	
C/E Basin, SA			Progress:	0m	
Boston-3	BPT*	70.00%	Report Time:	0600 hrs (CST) 04/09/2013	Roseneath Shale,
PEL 218	CVX	30.00%	Depth:	,	Epsilon Formation,
Nappamerri Trough			Operation:	Rigging up	Murteree Shale,
Natural Gas			l .	• •	Patchawarra Formation,
Cooper, SA			Progress:		Toolachee Formation.
Rapid-1	BPT*	70.00%	Report Time:	0600 hrs (CST) 04/09/2013	Roseneath Shale.
PEL 218	CVX	30.00%	Depth:	2654m	Epsilon Formation,
Nappamerri Trough	"	00.0070	Operation:	Drilling ahead.	Murteree Shale,
Natural Gas			орстаноп.	Drining diread.	Patchawarra Formation.
Cooper, SA			Progress:	1555m	Toolachee Formation.
IZI 4	Inn#	10.000/	In	0000 L (FOT) 0.1/00/0010	lp
Keppel-1	BPT*	46.90%	Report Time:	0600 hrs (EST) 04/09/2013	Roseneath Shale,
ATP 855	ICN	35.10%	Depth:	3898m	Epsilon Formation,
Nappamerri Trough Natural Gas	CVX	18.00%	Operation:	Well is suspended.	Murteree Shale,
Cooper, QLD			Progress:	0m	Patchawarra Formation, Toolachee Formation.
Cooper, QLD	1		Flogless.	OIII	Toolachee Formation.
Moomba-194	BPT	20.21%	Report Time:	0600 hrs (CST) 04/09/2013	Roseneath Shale,
PPL 113	STO*	66.60%	Depth:	2249m	Epsilon Formation,
Gas Appraisal	ORG	13.19%	Operation:	Drilling ahead.	Murteree Shale,
					Patchawarra Formation,
C/E Basin, SA			Progress:	2249m	Toolachee Formation.
Cowralli-19	BPT	20.21%	Report Time:	0600 hrs (CST) 04/09/2013	Patchawarra Formation,
PPL 91	STO*	60.60%	Depth:	799m	Tirrawarra Formation.
Gas Development	ORG	13.19%	Operation:	Drilling ahead.	
C/E Basin, SA			Progress:	799m	
Cowralli-29	BPT	20.21%	Report Time:	0600 hrs (CST) 04/09/2013	Patchawarra Formation,
PPL 91	STO*	60.60%	Depth:	2832m	Tirrawarra Formation.
Gas Development	ORG	13.19%	Operation:	Drilling ahead.	
C/E Basin, SA			Progress:	2832m	
Okataka Wast 2 ST4	Іврт	22 2007	Donort Times	0600 hrs (EST) 04/00/2012	Dotohoworre Farmatian
Okotoko West-3 ST1	BPT STO*	23.20%	Report Time:	0600 hrs (EST) 04/09/2013	Patchawarra Formation, Tirrawarra Formation.
PL 106	STO*	60.30%	Depth: Operation:	855m Drilling ahead.	ilirawaria Formation.
Gas Development C/E Basin, QLD	ORG	16.50%	Operation: Progress:	Brilling anead. 855m	
Cowralli-18	BPT	20.21%	Report Time:	0600 hrs (CST) 04/09/2013	Patchawarra Formation,
PPL 91	STO*	60.60%	Depth:	3255m (TD)	Tirrawarra Formation.
Gas Development	ORG	13.19%	Operation:	Well is cased and suspended as a future Permian	
0/5 Darin 04			D	gas producer.	
C/E Basin, SA			Progress:	3255m	1

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APL Australia Pacific LNG



Cowralli-28	ВРТ	20.21%	Report Time:	0600 hrs (CST) 04/09/2013		Patchawarra Formation,
PPL 91	STO*	60.60%	Depth:	3329m (TD)		Tirrawarra Formation.
Gas Development	ORG	13.19%	Operation:	Well is cased and suspended as a future Perm		illianana i oilliaaoili
				gas producer.		
C/E Basin, SA			Progress:	3329m		
			Įeg.eee.			
Cowralli-17	BPT	20.21%	Report Time:	0600 hrs (CST) 04/09/2013		Patchawarra Formation,
PPL 91	STO*	60.60%	Depth:	3362m (TD)		Tirrawarra Formation.
Gas Development	ORG	13.19%	Operation:	Well is cased and suspended as a future Perm	ian	
,			'	gas producer.		
C/E Basin, SA			Progress:	1448m		
Cowralli-27	BPT	20.21%	Report Time:	0600 hrs (CST) 04/09/2013		Patchawarra Formation,
PPL 91	STO*	60.60%	Depth:	3421m(TD)		Tirrawarra Formation.
Gas Development	ORG	13.19%	Operation:	Well is cased and suspended as a future Perm	ian	
				gas producer.		
C/E Basin, SA			Progress:	0m		
_angmuir-1	BPT	20.21%	Report Time:	0600 hrs (CST) 04/09/2013		Roseneath Shale,
PPL 102	STO*	66.60%	Depth:	3238m		Epsilon Formation,
Gas Appraisal	ORG	13.19%	Operation:	Drilling ahead.		Murteree Shale,
						Patchawarra Formation,
C/E Basin, SA			Progress:	1528m		Toolachee Formation.
rtalie East-4	BPT	38.50%	Report Time:	0600hrs (EST) 04/09/2013		Basal Birkhead Formation
PL 36	STO*	55.50%	Depth:	1878m (TD)		Hutton Sandstone,
Oil Development	BE	2.00%	Operation:	Cased and suspended as a future Basal Birkhe	ad and	Westbourne Formation.
	AGF	2.00%		Hutton Sandstone oil producer.		
C/E Basin, QLD	BOG	2.00%		1878m		
			,			
Cook-27	BPT	20.00%	Report Time:	0600 hrs (EST) 04/09/2013		Hutton Sandstone,
PL 97	STO*	55.00%	Depth:	2125m (TD)		Birkhead Formation.
Oil Development	ORG	25.00%	Operation:	Well is cased and suspended as a future Hutto	n	
				Sandstone oil producer.		
C/E Basin, QLD			Progress:	214m		
Charo-18	ВРТ	20.21%	Report Time:	0600 hrs (CST) 04/09/2013	1	Birkhead Formation,
PPL 177	STO*	66.60%	Depth:	2112m (TD)		Mid Birkhead Formation.
Oil Appraisal	ORG	13.19%	Operation:	Well is cased and suspended as a future Birkh		ivila birkircaa i oirriation.
Oli Appiaisai	OICO	13.1370	Орегацоп.	Formation oil producer.	sau	
C/E Basin, SA			Progress:	299m		
5/2 2d5, 5/1			1og.ooo.	200		
1RX Cobalcescu	MRR*	40.00%	Report Time:	0600 hrs (local) 04/09/2013		Pontian
EX-28	BPT	30.00%	Depth:	196m		
Gas Exploration	PR	30.00%	Operations:	Drilling ahead.		
Romania			Progress:	196		
			1 -3			
NS394-4	BPT	20.00%	Report Time:	0600 hrs (local) 03/09/2013		Nubia, Nukhul,
North Shadwan	BP*	50.00%	Depth:	4551m (TD)		Rudies
Oil Exploration	ТО	30.00%	Operation:	Well is plugged and abandoned.		
Egypt			Progress:	695m		
•						
El-Salmiya-2 ST1	BPT	22.00%	Report Time:	0600 hrs (local) 03/09/2013		Abu R'sh C, E, G
Abu Sennan	KEE*	50.00%	Depth:	4221m (TD)		Bahariya
Oil Development	DOV	28.00%	Operation:	Well is completed as a future oil producer.		
Egypt, Western Desert			Progress:	122m		
ASB-1X	BPT	22.00%	Report Time:	0600 hrs (local) 03/09/2013		Abu R'sh C, E, G
Abu Sennan	KEE*	50.00%	Depth:	4015m		Bahariya, Khatatba
Oil Exploration	DOV	28.00%	Operation:	Drilling ahead.		
Egypt, Western Desert			Progress:	261m		
	_					
*) Operator						
BPT Beach Energy Ltd			TO Tri Ocean			
ORG Origin Energy Resources		STO Santos Li	mited DLS Drill So	earch		
KEC Kuw ait Energy		BP British Pe	roleum Egypt DOV Dover	Investments		
TO TriOcean			CVX Chevron		Energy	
BE Bridgeport (Eromanga)			Resources MMR Melros			
API Australia Pacific LNG			AGE Australia	Gasfields BOG Bounty	, Oil & Gas N I	

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