

Monthly Drilling Report

February 2013

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ASX Ltd/SGX Singapore Exchange Ltd Companies Announcement Office Electronic Lodgement System

HIGHLIGHTS

- Halifax-1 flowed gas at up to 4.2 MMscf/d
- Holdfast-2 drilling horizontally in Murteree Shale section
- Sawpit-2 spudded in Otway Basin

AUSTRALIA

Operated Cooper Basin Unconventional Gas Program

PEL 218 (Beach 100%, farm-out subject to satisfaction of conditions)

Nepean-1, the fifth well in the current eight-well vertical exploration program in PEL 218, reached a total depth of 3,527 metres and is cased and suspended pending a multi-well stimulation program that is scheduled for April.

The first horizontal well of the unconventional gas campaign, Holdfast-2, is drilling ahead in the horizontal section in the Murteree Shale.





ATP 855P (Beach 60%, farm-out subject to satisfaction of conditions)

Flowback at Halifax-1 commenced on 11 February. The last measured daily average flow rate was 3.7 MMscf/d. The peak rate measured to date is 4.2 MMscf/d. Halifax-1 was stimulated in January with 14 stages successfully placed across the Permian targets.

Operated Otway Exploration – Penola Trough (Beach farming in to earn 35%)

Sawpit-2, an exploration well in South Australia's PEL 495, spudded on 18 February. The well's primary objective is to test for oil in the Crayfish Group updip of oil shows observed in Sawpit-1, drilled in 1992. Sawpit-2 will additionally evaluate the shales of the Casterton Formation and Lower Sawpit Shale by cutting two cores for detailed analysis.

Sawpit-2 is programmed to drill to 2,558 metres and take 30 days to complete. It is currently drilling ahead at 2,142 metres.



Santos Operated Cooper Basin Oil and Gas Exploration and Development

Gas development drilling continued in the Baryulah field in Queensland (Beach 23.20%), where Baryulah-13 intersected multiple gas sands within the Toolachee, Daralingie and Patchawarra Formations and was subsequently cased and suspended for future production. The rig is currently preparing to spud Baryulah-14. The Brumby-13 gas development well was also drilled, cased and suspended as a future gas producer within a gas field that straddles the SA/Qld border.

In the South Australian sector of the Cooper Basin (Beach 20.21%), the Dullingari-61 and Dullingari North-20 development wells were cased and suspended as future gas producers, and the Burke-12 well is presently running casing after having intersected multiple gas sands within the Permian interval.

The drilling of Gaschnitz-ST1 unconventional gas exploration well in PPL 101 (Beach 20.21%) reached a total depth of 3,889 metres and the well has been cased and suspended for future evaluation.



In Queensland, the Rheims-2 oil appraisal well in the T66 block (Beach 30%) was plugged and abandoned after it failed to encounter hydrocarbons. The rig has since spudded the Achilles-1 exploration well and is currently preparing to run surface casing.

INTERNATIONAL

Kuwait Energy Operated – Abu Sennan Concession, Egypt (Beach 22%)

The Al Ahmadi-2 appraisal well has completed drilling operations after reaching a total depth of 3,679 metres in the Kharita Formation. The well is currently being completed with formation testing to follow. Al Ahmadi-2 is being drilled to appraise the recent Al Ahmadi oil discovery, which has been on production since July 2012 within the awarded Development Lease.

The ASC-1X exploration well is currently drilling ahead at 3,763 metres within the Abu Roash Formation. Drilling is expected to continue to the planned TD of 4,147m to test all primary and secondary objectives for hydrocarbons.



BP Operated – North Shadwan Concession, Egypt (Beach 20%)

The NS-385-1ST3 development well has finished drilling and completion operations with the primary target Lower Rudeis Formation being intersected 42 metres high to prognosis. The well is currently on production and the rig has been released.

Drilling Report – Period ending 6 March 2013

Well	Part	ticipants	Progress & Summary		Primary Targets
Sawpit-2	BPT*	35.00%	Report Time:	0600 hrs (CDT) 06/03/2013	Sawpit Sandstone
PEL 495	COE	65.00%	Depth:	2142m	
Oil Exploration			Operation:	Drilling ahead 8 1/2inch hole.	
C/E Basin, SA			Progress:	2142m	
Holdfast-2	BPT	100.00%	Report Time:	0600 hrs (CDT) 6/02/2013	Roseneath Shale,
PEL 218	-		Depth:	4144m (MD)	Epsilon Formation,
Shale Gas Horizontal			Operation:	Drilling ahead.	Murteree Shale,
Appraisal			100		Patchawarra Formation,
Cooper, SA			Progress:	323m	Toolachee Formation.



Nepean-1	BPT	100.00%	Report Time:	0600 hrs (CDT) 6/03/2013	Roseneath Shale,
PEL 218	-		Depth:	3527m (TD)	Epsilon Formation,
Shale Gas Exploration			Operation:	Well is cased and suspended for future evaluation.	Murteree Shale,
					Patchawarra Formation,
Cooper, SA			Progress:	672m	Toolachee Formation.
Burke-12	BPT	20.21%	Report Time:	0600 hrs (AEST) 06/03/2013	Toolachee Formation.
PPL 12	STO*	60.06%	Depth:	2650m (TD)	Patchawarra Formation.
Gas Development	ORG	13.19%	Operation:	Well is cased as a future Permian gas producer.	
C/E Basin, SA			Progress:	2650m	
Dullingari North-20	BPT	20.21%	Report Time:	0600 hrs (CDT) 06/03/2013	Toolachee Formation,
PPL 12	STO*	66.60%	Depth:	2707m (TD)	Patchawarra Formation.
Gas Development	ORG	13.19%	Operation:	Well is cased and suspended as a future Permian	
		10.1070		gas producer.	
C/E Basin, SA			Progress:	2707m	
Dullingari 61	ВРТ	20.21%	Denet Time:	0600 hrs (CDT) 06/03/2013	Teelechee Fermetien
PPL 12	STO*	66.60%	Report Time:	2747m (TD)	Toolachee Formation, Patchawarra Formation.
			Depth:		Patchawarra Formation.
Gas Development	ORG	13.19%	Operation:	Well is cased and suspended as a future Permian	
C/E Basin, SA			Progress:	gas producer. 0m	
Gaschnitz 1 ST1	BPT	20.21%	Report Time:	0600 hrs (AEST) 06/03/2013	Roseneath Shale,
PPL 101	STO*	60.06%	Depth:	3889m (TD)	Epsilon Formation,
Gas Appraisal	ORG	13.19%	Operation:	Well is cased and suspended as a future Permian	Murteree Shale,
				gas producer.	Patchawarra Formation,
					Toolachee Formation.
C/E Basin, SA			Progress:	0m	Daralingie Formation
Achillies-1	ВРТ	30.00%	Report Time:	0600 hrs (CDT) 06/06/2013	Mid-Namur Sandstone,
PL 63	STO*	70.00%	Depth:	465m	Westbourne Formation,
Oil Near Field	310	70.00%	Operation:	Drilling ahead.	Birkhead Formation
Exploration			Operation.	Drining arread.	Birnead Formation
C/E Basin, QLD			Progress:	465m	
Rheims-2	BPT	30.00%	Report Time:	0600 hrs (CDT) 06/03/2013	mid-Namur Sandstone,
PL 34	STO*	70.00%	Depth:	1421m (TD)	Murta Formation,
Oil Appraisal	1		Operation:	Well is plugged and abandoned.	McKinlay Member
C/E Basin, SA			Progress:	1421m	
Brumby 13	BPT	23.20%	Report Time:	0600 hrs (CDT) 06/03/2013	Patchawarra Formation
				2326m (TD)	
PL 37	STO*		Depth:		
	-	60.06% 16.74%	Depth: Operation:	Well is cased and suspended as a future Patchawarra	
	ѕто∗	60.06%		Well is cased and suspended as a future Patchawarra Formation gas producer.	
Gas Development	ѕто∗	60.06%		The second se	
Gas Development C/E Basin, QLD	STO* ORG	60.06% 16.74%	Operation: Progress:	Formation gas producer. 1564m	Techebar T
Gas Development C/E Basin, QLD Baryulah-13	STO* ORG BPT	60.06% 16.74% 23.20%	Operation: Progress: Report Time:	Formation gas producer. 1564m 0600 hrs (AEST) 06/03/2013	Toolachee Formation,
Gas Development C/E Basin, QLD Baryulah-13 PL 131	STO* ORG BPT STO*	60.06% 16.74% 23.20% 60.06%	Operation: Progress: Report Time: Depth:	Formation gas producer. 1564m 0600 hrs (AEST) 06/03/2013 2652m (TD)	Toolachee Formation, Patchawarra Formation.
Gas Development C/E Basin, QLD Baryulah-13 PL 131	STO* ORG BPT	60.06% 16.74% 23.20%	Operation: Progress: Report Time:	Formation gas producer. 1564m 0600 hrs (AEST) 06/03/2013 2652m (TD) Well is cased and suspended as a future Permian gas	
Gas Development C/E Basin, QLD Baryulah-13 PL 131 Gas Development	STO* ORG BPT STO*	60.06% 16.74% 23.20% 60.06%	Operation: Progress: Report Time: Depth: Operation:	Formation gas producer. 1564m 0600 hrs (AEST) 06/03/2013 2652m (TD) Well is cased and suspended as a future Permian gas producer.	
Gas Development C/E Basin, QLD Baryulah-13 PL 131 Gas Development C/E Basin, QLD	STO* ORG BPT STO*	60.06% 16.74% 23.20% 60.06%	Operation: Progress: Report Time: Depth:	Formation gas producer. 1564m 0600 hrs (AEST) 06/03/2013 2652m (TD) Well is cased and suspended as a future Permian gas	
Gas Development C/E Basin, QLD Baryulah-13 PL 131 Gas Development C/E Basin, QLD Al Ahmadi-2X	BPT ORG STO* ORG BPT	60.06% 16.74% 23.20% 60.06% 16.74% 22.00%	Operation: Progress: Report Time: Depth: Operation: Progress: Report Time:	Formation gas producer. 1564m 0600 hrs (AEST) 06/03/2013 2652m (TD) Well is cased and suspended as a future Permian gas producer. 28m 0600 hrs (local) 05/03/2013	Patchawarra Formation.
Gas Development C/E Basin, QLD Baryulah-13 PL 131 Gas Development C/E Basin, QLD Al Ahmadi-2X Abu Sennan	BPT STO* ORG BPT STO* ORG BPT KEE*	60.06% 16.74% 23.20% 60.06% 16.74% 22.00% 50.00%	Operation: Progress: Report Time: Depth: Operation: Progress: Report Time: Depth:	Formation gas producer. 1564m 0600 hrs (AEST) 06/03/2013 2652m (TD) Well is cased and suspended as a future Permian gas producer. 28m 0600 hrs (local) 05/03/2013 3679m (TD)	Patchawarra Formation.
Gas Development C/E Basin, QLD Baryulah-13 PL 131 Gas Development C/E Basin, QLD AI Ahmadi-2X Abu Sennan Oil Development	BPT ORG STO* ORG BPT	60.06% 16.74% 23.20% 60.06% 16.74% 22.00%	Operation: Progress: Report Time: Depth: Operation: Progress: Report Time: Depth: Operation:	Formation gas producer. 1564m 0600 hrs (AEST) 06/03/2013 2652m (TD) Well is cased and suspended as a future Permian gas producer. 28m 0600 hrs (local) 05/03/2013 3679m (TD) Running completion operations.	Patchawarra Formation.
Gas Development C/E Basin, QLD Baryulah-13 C/L 131 Gas Development C/E Basin, QLD AI Ahmadi-2X Abu Sennan Dil Development	BPT STO* ORG BPT STO* ORG BPT KEE*	60.06% 16.74% 23.20% 60.06% 16.74% 22.00% 50.00%	Operation: Progress: Report Time: Depth: Operation: Progress: Report Time: Depth:	Formation gas producer. 1564m 0600 hrs (AEST) 06/03/2013 2652m (TD) Well is cased and suspended as a future Permian gas producer. 28m 0600 hrs (local) 05/03/2013 3679m (TD)	Patchawarra Formation.
Gas Development C/E Basin, QLD Baryulah-13 PL 131 Gas Development C/E Basin, QLD Al Ahmadi-2X Abu Sennan Dil Development Egypt	BPT STO* ORG STO* ORG BPT KEE* DOV	60.06% 16.74% 23.20% 60.06% 16.74% 22.00% 50.00% 28.00%	Operation: Progress: Depth: Operation: Progress: Report Time: Depth: Operation: Progress:	Formation gas producer. 1564m 0600 hrs (AEST) 06/03/2013 2652m (TD) Well is cased and suspended as a future Permian gas producer. 28m 0600 hrs (local) 05/03/2013 3679m (TD) Running completion operations. 1212m	Patchawarra Formation. Abu R'sh C, E, G Bahariya
Gas Development C/E Basin, QLD Baryulah-13 PL 131 Gas Development C/E Basin, QLD AI Ahmadi-2X Abu Sennan Dil Development Egypt ASC-1X	BPT BPT STO* ORG BPT KEE* DOV	60.06% 16.74% 23.20% 60.06% 16.74% 22.00% 22.00% 22.00%	Operation: Progress: Depth: Operation: Progress: Report Time: Depth: Operation: Progress: Report Time:	Formation gas producer. 1564m 0600 hrs (AEST) 06/03/2013 2652m (TD) Well is cased and suspended as a future Permian gas producer. 28m 0600 hrs (local) 05/03/2013 3679m (TD) Running completion operations. 1212m 0600 hrs (local) 05/03/2013	Patchawarra Formation. Abu R'sh C, E, G Bahariya Abu R'sh C, E, G
Gas Development C/E Basin, QLD Baryulah-13 PL 131 Gas Development C/E Basin, QLD AI Ahmadi-2X Abu Sennan Oil Development Egypt ASC-1X Abu Sennan	BPT KEE* DOV BPT KEE*	60.06% 16.74% 23.20% 60.06% 16.74% 22.00% 50.00% 22.00% 50.00%	Operation: Progress: Depth: Operation: Progress: Report Time: Depth: Operation: Progress: Report Time: Depth: Depth:	Formation gas producer. 1564m 0600 hrs (AEST) 06/03/2013 2652m (TD) Well is cased and suspended as a future Permian gas producer. 28m 0600 hrs (local) 05/03/2013 3679m (TD) Running completion operations. 1212m 0600 hrs (local) 05/03/2013 3875m	Patchawarra Formation. Abu R'sh C, E, G Bahariya
Gas Development C/E Basin, QLD Baryulah-13 PL 131 Gas Development C/E Basin, QLD AI Ahmadi-2X Abu Sennan Dil Development Egypt ASC-1X Abu Sennan Dil Exploration	BPT BPT STO* ORG BPT KEE* DOV	60.06% 16.74% 23.20% 60.06% 16.74% 22.00% 22.00% 22.00%	Operation: Progress: Depth: Operation: Progress: Report Time: Depth: Operation: Progress: Report Time:	Formation gas producer. 1564m 0600 hrs (AEST) 06/03/2013 2652m (TD) Well is cased and suspended as a future Permian gas producer. 28m 0600 hrs (local) 05/03/2013 3679m (TD) Running completion operations. 1212m 0600 hrs (local) 05/03/2013	Patchawarra Formation. Abu R'sh C, E, G Bahariya Abu R'sh C, E, G
Gas Development C/E Basin, QLD Baryulah-13 PL 131 Gas Development C/E Basin, QLD AI Ahmadi-2X Abu Sennan Dil Development Egypt ASC-1X Abu Sennan Dil Exploration Egypt, Western Desert	BPT STO* ORG ORG ORG BPT KEE* DOV	60.06% 16.74% 23.20% 60.06% 16.74% 22.00% 28.00% 28.00%	Operation: Progress: Report Time: Depth: Operation: Progress: Report Time: Depth: Operation: Progress: Report Time: Depth: Operation: Progress:	Formation gas producer. 1564m 0600 hrs (AEST) 06/03/2013 2652m (TD) Well is cased and suspended as a future Permian gas producer. 28m 0600 hrs (local) 05/03/2013 3679m (TD) Running completion operations. 1212m 0600 hrs (local) 05/03/2013 3875m Drilling ahead 8 1/2inch hole. 1465m	Patchawarra Formation. Abu R'sh C, E, G Bahariya Abu R'sh C, E, G
Gas Development C/E Basin, QLD Baryulah-13 PL 131 Gas Development C/E Basin, QLD Al Ahmadi-2X Abu Sennan Oil Development Egypt ASC-1X Abu Sennan Oil Exploration Egypt, Western Desert NS 385-1 ST3	BPT STO* ORG ORG ORG ORG BPT KEE* DOV BPT KEE* DOV	60.06% 16.74% 23.20% 60.06% 16.74% 22.00% 50.00% 22.00% 50.00%	Operation: Progress: Depth: Operation: Progress: Report Time: Depth: Operation: Progress: Report Time: Depth: Operation: Operation:	Formation gas producer. 1564m 0600 hrs (AEST) 06/03/2013 2652m (TD) Well is cased and suspended as a future Permian gas producer. 28m 0600 hrs (local) 05/03/2013 3679m (TD) Running completion operations. 1212m 0600 hrs (local) 05/03/2013 3875m Drilling ahead 8 1/2inch hole. 1465m 0600 hrs (local) 05/03/2013	Patchawarra Formation. Abu R'sh C, E, G Bahariya Abu R'sh C, E, G
Gas Development C/E Basin, QLD Baryulah-13 PL 131 Gas Development C/E Basin, QLD AI Ahmadi-2X Abu Sennan Oil Development Egypt ASC-1X Abu Sennan Oil Exploration Egypt, Western Desert NS 385-1 ST3 North Shadwan	BPT STO* ORG ORG ORG BPT KEE* DOV	60.06% 16.74% 23.20% 60.06% 16.74% 22.00% 28.00% 28.00%	Operation: Progress: Report Time: Depth: Operation: Progress: Report Time: Depth: Operation: Progress: Report Time: Depth: Operation: Progress:	Formation gas producer. 1564m 0600 hrs (AEST) 06/03/2013 2652m (TD) Well is cased and suspended as a future Permian gas producer. 28m 0600 hrs (local) 05/03/2013 3679m (TD) Running completion operations. 1212m 0600 hrs (local) 05/03/2013 3875m Drilling ahead 8 1/2inch hole. 1465m 0600 hrs (local) 05/03/2013 4610m (TD)	Patchawarra Formation. Abu R'sh C, E, G Bahariya Abu R'sh C, E, G Bahariya
PL 37 Gas Development C/E Basin, QLD Baryulah-13 PL 131 Gas Development C/E Basin, QLD AI Ahmadi-2X Abu Sennan Oil Development Egypt ASC-1X Abu Sennan Oil Exploration Egypt, Western Desert NS 385-1 ST3 North Shadwan Oil Development	BPT STO* ORG ORG ORG ORG BPT KEE* DOV BPT KEE* DOV	60.06% 16.74% 23.20% 60.06% 16.74% 22.00% 22.00% 22.00% 22.00% 22.00%	Operation: Progress: Depth: Operation: Progress: Report Time: Depth: Operation: Progress: Report Time: Depth: Operation: Progress: Report Time: Progress:	Formation gas producer. 1564m 0600 hrs (AEST) 06/03/2013 2652m (TD) Well is cased and suspended as a future Permian gas producer. 28m 0600 hrs (local) 05/03/2013 3679m (TD) Running completion operations. 1212m 0600 hrs (local) 05/03/2013 3875m Drilling ahead 8 1/2inch hole. 1465m 0600 hrs (local) 05/03/2013	Patchawarra Formation. Abu R'sh C, E, G Bahariya Abu R'sh C, E, G Bahariya

- BPT Beach Energy Ltd
- ORG Origin Energy Resources
- TOE Tri Ocean Energy
- KEC Kuwait Energy
- STO Santos Limited BP British Petroleum Egypt
- COE Cooper Energy
- DLS Drill Search DOV Dover Investments

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