# **January Drilling Report**

- Wet Gas Business
  - Ralgnal-1 to be cased and suspended as a new Wet Gas discovery
  - Nulla North-1 exploration well DST evaluating multiple wet gas shows
- Unconventional Business
  - The final well in the current ATP 940 drilling campaign, Amidala-1, cased and suspended for future testing
  - Testing ongoing at Charal-1

## Oil Business

#### Western Flank Oil Fairway

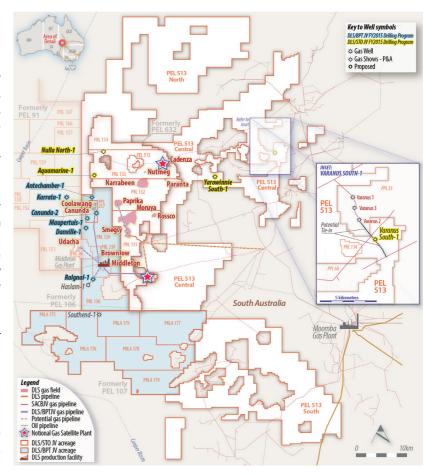
Drilling continued on the Western Flank Oil Fairway (Drillsearch 60%, Beach 40% and Operator) with the Sandhurst-1 exploration well in PRL 156 (formerly PEL 91) which targeted the top Namur Sandstone. Sandhurst-1 was plugged and abandoned after encountering insufficient hydrocarbon pay.

### Wet Gas Business

#### **Western Wet Gas Fairway**

Our Wet Gas joint venture with Beach (Drillsearch 50%, Beach 50% and Operator) drilled the Ralgnal-1 exploration well in PRL 130 (formerly PEL 106, see map). Drillsearch's preliminary evaluation of well logs indicates a gross interval in the Formation Patchawarra between 2.379 and 2,787 metres with net pay of 6.6 metres, and a gross interval in the Tirrawarra Formation between 2,787 and 2,842 metres with net pay of 3.0 metres. A Drill Stem Test (DST) was performed over the Patchawarra Formation with gas flowing to surface at a rate of 5.88 mmscf/d. Test flow rates for condensate are currently under review. The well will be cased and suspended as a new discovery. with a cased hole test proposed prior to completion of the well.

In the Wet Gas joint venture with Santos (Drillsearch 40%, Santos 60% and Operator), the Nulla North-1 well spudded on 27 January in the northwest of PRL 133 (formerly PEL 632, see map). A near-field



exploration well, Nulla North-1 is targeting wet gas in the Patchawarra Formation and Tirrawarra Sandstone. Preliminary assessment of initial mud and wireline logs has identified multiple wet gas shows in the Patchawarra Formation and the deeper Tirrawarra Sandstones. The joint venture is proceeding with a DST of the well to determine whether a new wet gas discovery has been made.

## **Unconventional Business**

#### **Central Unconventional Fairway**

In ATP 940 (Drillsearch 40% and Operator, QGC 60%), the fourth and final well in the current campaign, Amidala-1, has been drilled to a total depth of 3,495 metres and cased and suspended for future hydraulic stimulation. The Weatherford 826 rig was released and de-mobilised on 27 January 2015.

As previously reported, testing of the first well in the campaign, Charal-1, began on 24 December 2014 and continued through the month of January with the testing process ongoing. Information regarding the Charal-1 production test was included in Drillsearch's December 2014 Quarterly Activity Report released to the ASX on 28 January 2015.

## Monthly Drilling Summary

As at 9 February 2015

well	Partic	ipants		Progress & Summary	Primary Target	Secondary Targets
Oil Wells				,	<u>, , , , , , , , , , , , , , , , , , , </u>	, ,
Hanson - 2**	DLS	60%	Spud Date:	Monday, 29 December 2014	McKinlay Member	
PEL 91 (PPL 255)	BPT*		Rig Release:	Tuesday, 6 January 2015	Namur Sandstone	
Oil Business	J	1070	Depth:	1,742 m (TD)	rtamar canadione	
Western Flank Oil			Operation:	Cased & Suspended		
C/E Basin, SA			Progress:	1,742 m (TD)		
Sandhurst - 1	DLS	60%	Spud Date:	Friday, 23 January 2015	McKinlay Member	
PEL 91 (PRL 156)	BPT*	40%	Rig Release:	Tuesday, 3 February 2015	Namur Sandstone	
Oil Business	I		Depth:	2,012 m (TD)		
Western Flank Oil			Operation:	Plugged & Abandoned		
C/E Basin, SA			Progress:	2,012 m (TD)		
Wet Gas Wells						
Danville - 1**	DLS	50%	Spud Date:	Monday, 15 December 2014	Patchawarra Formation	Tirrawarra Sandstone
PEL 106 (PRL 129)	BPT*	50%	Rig Release:	Saturday, 3 January 2015	(gas/condensate)	(gas/condensate)
Wet Gas Business			Depth:	2,825 m (TD)		
Western Wet Gas			Operation:	Plugged & Abandoned		
C/E Basin, SA			Progress:	2,825 m (TD)		
Aquamarine - 1**	DLS	40%	Spud Date:	Sunday, 21 December 2014	Patchawarra Formation	Tirrawarra Sandstone
PEL 632 (PRL 133)	STO*	60%	Rig Release:	Sunday, 11 January 2015	(gas/condensate)	(gas/condensate)
Wet Gas Business			Depth:	2,816 m (TD)	,	,
Western Wet Gas			Operation:	Plugged & Abandoned		
C/E Basin, SA			Progress:	2,816 m (TD)		
Ralgnal - 1	DLS	50%	Spud Date:	Sunday, 18 January 2015	Patchawarra Formation	Tirrawarra Sandstone
PEL 106 (PRL 130)	BPT*	50%	Rig Release:	Thursday, 12 February 2015 (Targeted)	(gas/condensate)	(gas/condensate)
Wet Gas Business			Depth:	2,891 m (TD)		
Western Wet Gas			Operation:	Running Production Casing		
C/E Basin, SA			Progress:	2,891 m (TD)		
Nulla North - 1	DLS	40%	Spud Date:	Tuesday, 27 January 2015	Patchawarra Formation	Tirrawarra Sandstone
PEL 632 (PRL 133)	STO*	60%	Rig Release:	Thursday, 12 February 2015 (Targeted)	(gas/condensate)	(gas/condensate)
Wet Gas Business			Depth:	2,769 m (TD)		
Western Wet Gas			Operation:	Running Wireline Logging		
C/E Basin, SA			Progress:	2,769 m (TD)		
Unconventional Wells						
Amidala - 1	DLS*	40%	Spud Date:	Thursday, 20 November 2014	Roseneath/Murteree Shale	Daralingie Sandstone
ATP 940	QGC	60%	Rig Release:	Tuesday, 27 January 2015	Patchawarra Formation	Toolachee Sandstone
Unconventional Business			Depth:	3,495 m (TD)		Epsilon Formation
Central Unconventional			Operation:	Cased & Suspended		Tirrawarra Sandstone
C/E Basin, QLD			Progress:	3,495 m (TD)		

<sup>\*</sup> Indicates operator

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<sup>\*\*</sup> For further information on these wells please refer to the December Drilling Report released on 8 January 2015 and the December 2014 Quarterly Report released on 28 January 2015