

## Monthly drilling report – September 2014

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Release Date: 8 October 2014

Senex Energy Limited (Senex, ASX: SXY) is continuing to progress its FY15 drilling program in the South Australian Cooper-Eromanga Basin. At the end of September, Senex had completed drilling five of its planned 26+ well campaign for FY15.

### **Martlet-1 exploration well** (*PEL 104: Senex 60% and operator*)

The Martlet-1 exploration well was drilled to evaluate the oil potential of the Namur sandstone within an interpreted four-way dip-closed structure approximately 1.8 kilometres south east of the Warhawk-1 exploration well. The well spudded on 24 August and reached a total depth of 2,096 metres on 9 September.

The Martlet-1 well intersected net pay of up to 6 metres at the Namur horizon and has been cased and suspended as a future oil producer. The well is scheduled for completion in mid-October and is expected to commence production in November. Planning is currently underway to identify potential follow-up appraisal locations.

### **Squire-1 exploration well** (*PRL 59<sup>1</sup>: Senex 100%*)

Squire-1 was drilled to evaluate the oil potential of the Tinchoo Formation with secondary targets in the Birkhead Formations and Wimma Sandstone. The well encountered oil shows within poorly developed reservoir and was subsequently plugged and abandoned.

### **Hathi-1 exploration well** (*PEL 514: Senex 80% and operator*)

The Hathi-1 exploration well was drilled to evaluate stacked oil potential across multiple horizons within an interpreted four-way dip-closed structure approximately 8 kilometres north west of the Cleansweep oil discovery. This was the first exploration well drilled from the Dundinna 3D seismic survey. The well encountered good quality reservoir sands at target horizons but was subsequently plugged and abandoned with only trace hydrocarbons present.

EDA Rig 4 has now moved to Bagheera East-1, an exploration target in PEL 514 (Senex 80% and operator).

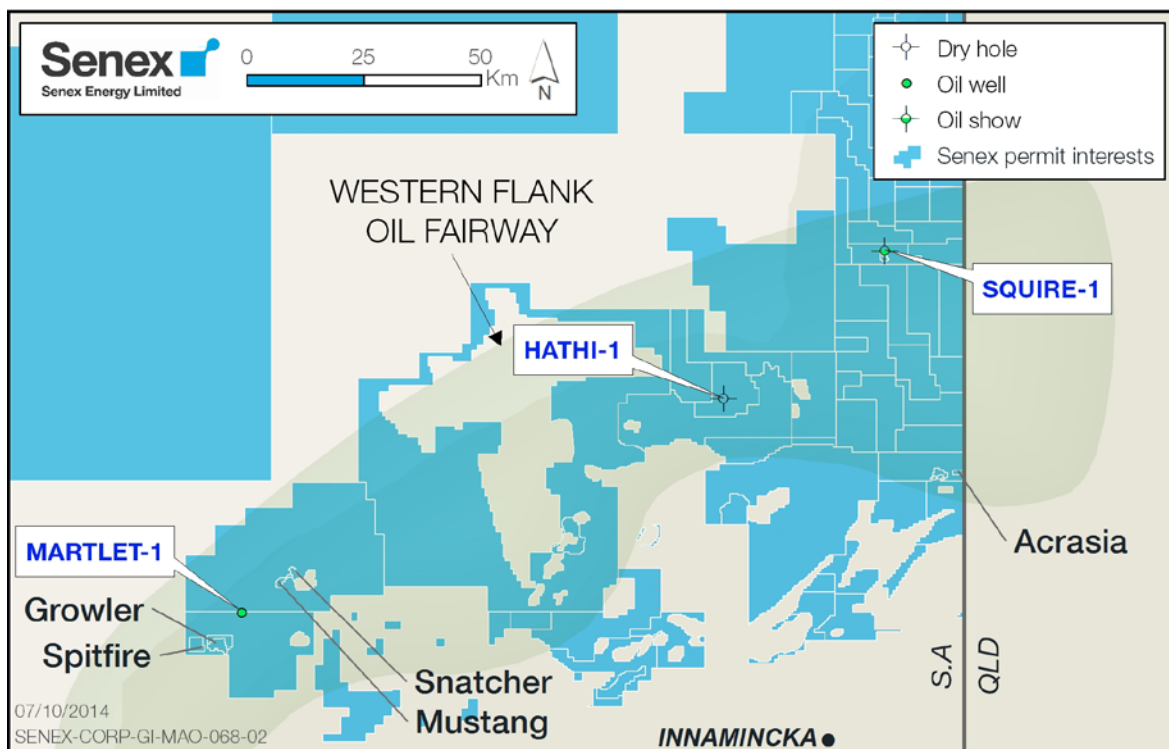
<sup>1</sup> PRL 59 refers to a retention lease from PEL 88

**DRILLING FOR THE MONTH ENDING 30 SEPTEMBER 2014**

Well	Participation	Status of operations	Primary Target
<b>Squire-1</b> PRL 59 Oil exploration SA Cooper Basin	SXY* 100%	Report time: 0600 (CST) 07/10/14 Total depth: 2,500 m Operation: Plugged and abandoned Progress: 2,500 m	Tinchoo Formation
<b>Martlet-1</b> PEL 104 Oil exploration SA Cooper Basin	SXY* 60% BPT 40%	Report time: 0600 (CST) 07/10/14 Total depth: 2,096 m Operation: Cased and suspended Progress: 2,096 m	Namur Sandstone
<b>Hathi-1</b> PEL 514 Oil exploration SA Cooper Basin	SXY* 80% PGS 20%	Report time: 0600 (CST) 07/10/14 Total depth: 2,569 m Operation: Plugged and abandoned Progress: 2,569 m	Tinchoo Formation

\* Denotes operatorship  
SXY Senex Energy Limited  
BPT Beach Energy Limited  
PGS Planet Gas Limited

Figure 1: Location of exploration wells drilled in September



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