

April 2018

## Monthly Drilling Report

**Release Date:** Wednesday 2 May 2018

During the month of April 2018, Senex completed the Marauder-2 oil well, and spudded the Gemba-1 gas exploration well in the South Australian Cooper Basin.

### **Marauder-2 DW-1 oil development well** *(ex-PEL 104: Senex 60% and operator)* **Cooper Basin western flank, South Australia**

The two-well oil campaign that commenced in the Marauder field during the month of March 2018 has reached its conclusion. The Marauder-2 well was designed to achieve both exploration and development objectives, reducing overall cost and risk.

Drilled to test a near field opportunity between the Marauder and Growler fields, the Marauder-2 exploration well showed a lack of commercial pay and as a result was subsequently plugged back.

On 31 March, Senex spudded the Marauder-2 DW1 deviation well, a side track development well utilising the Marauder-2 wellbore. The well reached its total target depth of 2,144 metres MD (measure depth) successfully intersecting the Birkhead reservoir sands. The well has been cased and suspended as a future producer.

### **Gemba-1 gas exploration/appraisal well** *(PEL 516: Senex 100% and operator)* **South-west Cooper Basin, South Australia**

The Gemba-1 gas exploration/appraisal well is located on the south west margin of the Allunga Trough, a proven gas fairway, approximately 37 kilometres south west of the Moomba Oil and Gas Processing Facility (see figure 1). The well is designed to evaluate the gas potential of the low-permeability intra-Patchawarra sandstones.

Gemba-1 was spudded on 23 April, with drilling ahead to continue in May to the proposed total depth of 2,600m.

Senex was granted \$5.26 million in funding from the South Australian Government through the second round of the PACE Gas Grant Program to progress the Gemba project.

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## DRILLING FOR THE MONTH ENDED 30 APRIL 2018

Well details	Working interest *Operator		Status of operations	Horizon targets
<b>Marauder-2 DW1</b> PRL 136 (ex-PEL 104) Development well South Australia Cooper Basin	SXY*	60%	<b>Report time:</b> 1200 (CST) 27/04/2018 <b>Spud date:</b> 31/03//2018 <b>Current depth:</b> 2,144 MD <b>Target depth:</b> 2,144 MD <b>Activity:</b> Cased and suspended	Birkhead Formation
<b>Gemba-1</b> PEL 516 Exploration/appraisal well South Australia Cooper Basin	SXY*	100%	<b>Report time:</b> 1200 (CST) 27/04/2018 <b>Spud date:</b> 23/04//2018 <b>Current depth:</b> 1,304MD <b>Target depth:</b> 2,685 MD <b>Activity:</b> Drilling ahead	Intra-Patchawarra Formation

### FURTHER INFORMATION

Investor and Media Enquiries:

Ian Davies

**Managing Director**

Senex Energy Limited

Phone: (07) 3335 9000

Tess Palmer

**Head of Investor Relations**

Senex Energy Limited

Phone: (07) 3335 9719

### ABOUT SENEX

Senex is an ASX listed oil and gas exploration and production company focused on generating shareholder value by growing reserves and production. It holds extensive onshore oil and gas acreage in the Cooper and Surat Basins, two of Australia's most prolific onshore energy regions. Senex is well capitalised and has built strong operating credentials over its 30 year history. Senex operates low cost oil producing assets in the Cooper Basin and is progressing a portfolio of gas projects including the Western Surat Gas Project and Project Atlas in Queensland.

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**Figure 1:**  
Map of a section of the South Australian western flank including location of Marauder-2 DW1 and Gemba-1

