

July 2017

## Monthly Drilling Report

**Release Date:** 2 August 2017

Senex has drilled seven wells in total of its 30-well appraisal program for the Western Surat Gas Project, and during July drilled the Marauder-1 oil discovery on the western flank of the Cooper Basin.

### ***Surat Basin - Western Surat Gas Project***

Five appraisal wells were drilled in the Eos block during July, with all wells cased and suspended as future coal seam gas (CSG) producers. Drilling will continue on the Eos and Glenora blocks during August.

The Phase 2 drilling program for the Western Surat Gas Project focuses on the south-east area of Senex's permits, within the drill-ready blocks Eos (ATP 795) and Glenora (ATP 889). The area is approximately 30 kilometres from Roma and directly north of GLNG's producing Roma field. The campaign is appraising the coal seam gas production potential of the Walloon coal measures with an average well depth of 428 metres.

Construction activities of water and gas handling infrastructure also progressed during July. These activities include upgrading of an existing dam on the Eos block to current standards; installation of several wellsite skids; and installation of the majority of an underground gas and water gathering network approximately 36 kilometres long. Senex holds 100% operating interest in the Western Surat Gas Project. Refer to the map in Figure 1 showing drilling locations.

### ***Cooper Basin***

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

Marauder-1 was drilled to a total depth of 2,103 metres in July, encountering good oil shows in the target Birkhead zone. The well was identified from the Mollichuta 3D seismic survey and designed to evaluate the production potential of the Birkhead Formation. An evaluation of logs indicated net pay of up to 8.6 metres within a 17.5 metre gross oil column. The well was cased and suspended and will be placed into production in the coming months. Further details are available in the separate ASX announcement released on 25 July 2017. Refer to the map in Figure 2 for the Marauder-1 well location.

#### **FURTHER INFORMATION**

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**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 the majority of its low cost oil producing assets, and is successfully developing a gas business including the 100% owned and operated Western Surat Gas Project in Queensland.*

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## DRILLING FOR THE MONTH ENDED 31 JULY 2017

### Surat Basin

	Well details	Working interest *Operator	Status of operations	Horizon targets
<b>Western Surat Gas Project</b> Phase 2 Gas appraisal Queensland Surat Basin (7 of 30 wells drilled to date)	<b>Eos-1</b> ATP 795	SXY* 100%	<b>Report time:</b> 0600 (AEST) 01/08/2017 <b>Total depth:</b> 590 m <b>Activity:</b> Cased and suspended as future CSG producer	Walloon Coal Measures
	<b>Eos-2</b> ATP 795	SXY* 100%	<b>Report time:</b> 0600 (AEST) 01/08/2017 <b>Total depth:</b> 470 m <b>Activity:</b> Cased and suspended as future CSG producer	Walloon Coal Measures
	<b>Eos-4</b> ATP 795	SXY* 100%	<b>Report time:</b> 0600 (AEST) 01/08/2017 <b>Total depth:</b> 440 m <b>Activity:</b> Cased and suspended as future CSG producer	Walloon Coal Measures
	<b>Eos-7</b> ATP 795	SXY* 100%	<b>Report time:</b> 0600 (AEST) 01/08/2017 <b>Total depth:</b> 410 m <b>Activity:</b> Cased and suspended as future CSG producer	Walloon Coal Measures
	<b>Eos-8</b> ATP 795	SXY* 100%	<b>Report time:</b> 0600 (AEST) 01/08/2017 <b>Total depth:</b> 412 m <b>Activity:</b> Cased and suspended as future CSG producer	Walloon Coal Measures

### Cooper Basin

Well details	Working interest *Operator	Status of operations	Horizon targets
<b>Marauder-1</b> Ex-PEL 104 Oil exploration well South Australia	SXY* 60% BPT 40%	<b>Report time:</b> 0600 (CST) 01/08/2017 <b>Total depth:</b> 2,130 m <b>Activity:</b> Cased and suspended as a future Birkhead producer	Birkhead Formation

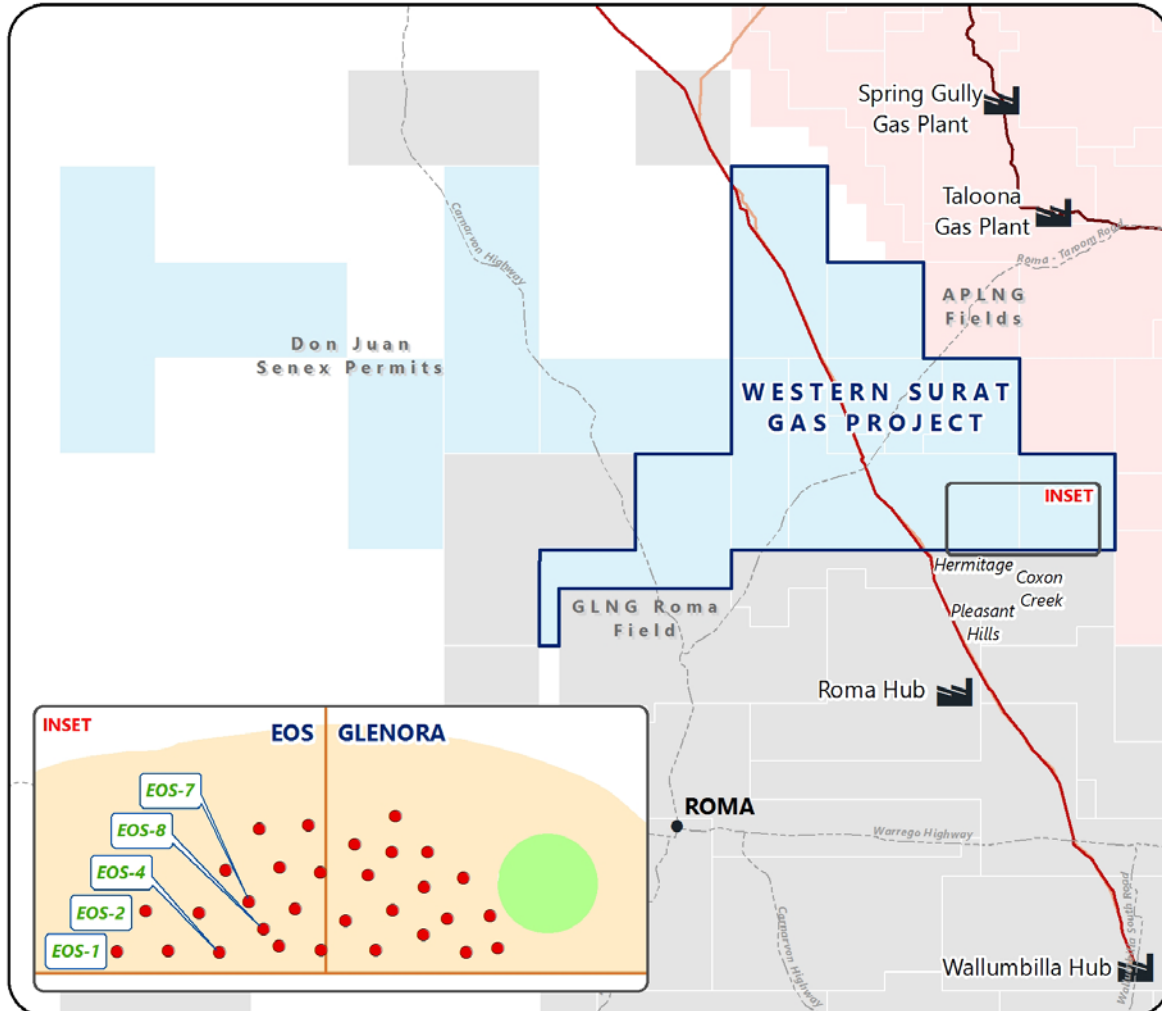
SXY – Senex Energy Limited (ASX:SXY)  
 ATP – Authority to Prospect

BPT – Beach Energy Limited (ASX:BPT)

PEL – Petroleum Exploration License

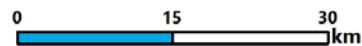
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Figure 1: Surat Basin Senex drilling activity for July 2017



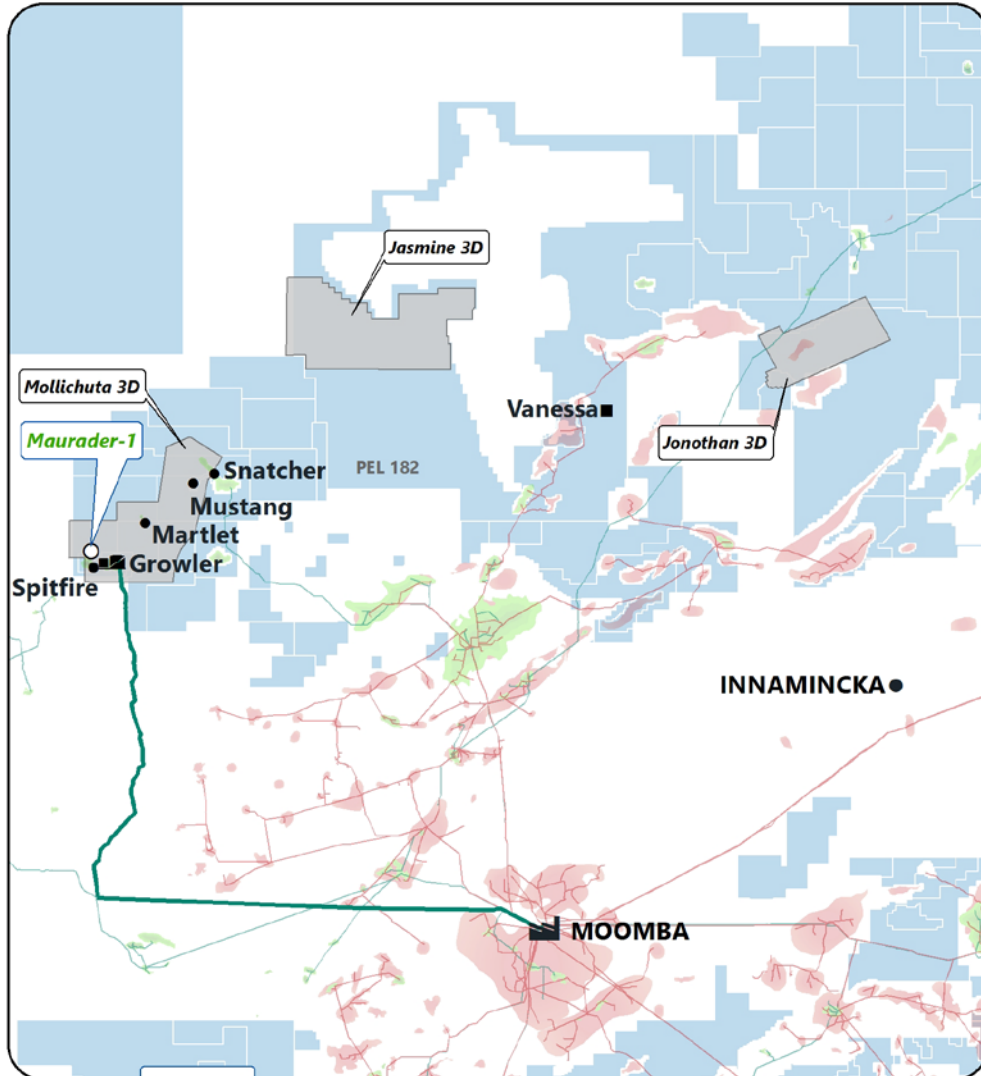
- Phase 2 work program
- Comet Ridge to Wallumbilla pipeline
- Wallumbilla to Gladstone pipeline
- Senex Energy
- Santos GLNG
- Australia Pacific LNG
- Drill ready acreage
- Production

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**Figure 2:** Cooper Basin Senex-operated drilling activity for July 2017: Marauder-1



- Senex operational bases
- Moomba processing facility
- Proposed Senex wells
- Senex gas field
- Senex oil field
- Gas pipeline
- Oil pipeline
- Gas field
- Oil field
- Senex permit interests

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