

Dundinna 3D seismic survey in progress

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Senex Energy Limited (Senex, ASX: SXY) has commenced a 1,037 square kilometre (km²) survey in the South Australian Cooper Basin as part of an extensive program of seismic work to identify Senex's next generation of oil and gas targets.

The Dundinna 3D seismic survey covers six operated petroleum exploration licences (PELs) in the north of South Australia's Cooper Basin, (refer Table 1 and Figure 1). The survey is expected to be completed early in the December quarter 2013 followed by data processing and definition of exploration targets by the September quarter 2014.

The objective of the Dundinna 3D survey is to identify prospective drilling locations within the Jurassic and Triassic formations such as the Namur, Birkhead, Hutton, Poolowanna, Tinchoo and Arrabury. The survey will also aid in identifying Permian structural and stratigraphically trapped oil and gas.

The Dundinna survey area adjoins the 792 km² Cordillo 3D survey to the east and is along trend from the 316 km² Lignum 3D survey to the west (refer Figure 2). Collectively, these surveys afford Senex a significant technical advantage in mapping and interpreting the geology of the western flank.

Senex Managing Director Ian Davies said the collection of 3D seismic data is an essential part of the exploration process on the western flank of the South Australian Cooper Basin.

"3D seismic has transformed the exploration process in the Cooper Basin with average drilling success rates increasing from 23% to 48% over the last several hundred oil wells drilled since the year 2000. The collection and analysis of this data is an integral step in exploring our highly prospective tenements and identifying drilling locations."

"We are committed to using the best technology available and have already collected more than 1,100 square kilometres of 3D seismic in 2012/13. Interpretation and prospect definition work is now underway to provide targets for our ongoing drilling program that commenced on the weekend," he said.

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Table 1 - Permit interests

Permit	Senex	Joint venture partners
PEL 90K	75%	Cooper Energy
PEL 100	55%	Cooper Energy, Drillsearch Energy
PEL 102	100%	
PEL 110	60%	Orca Energy, Cooper Energy
PEL 182	52.5%	Drillsearch Energy, Strategic Energy Resources, Australian Oil Co No 2
PEL 514	80%	Planet Gas

Figure 1 – Dundinna seismic survey

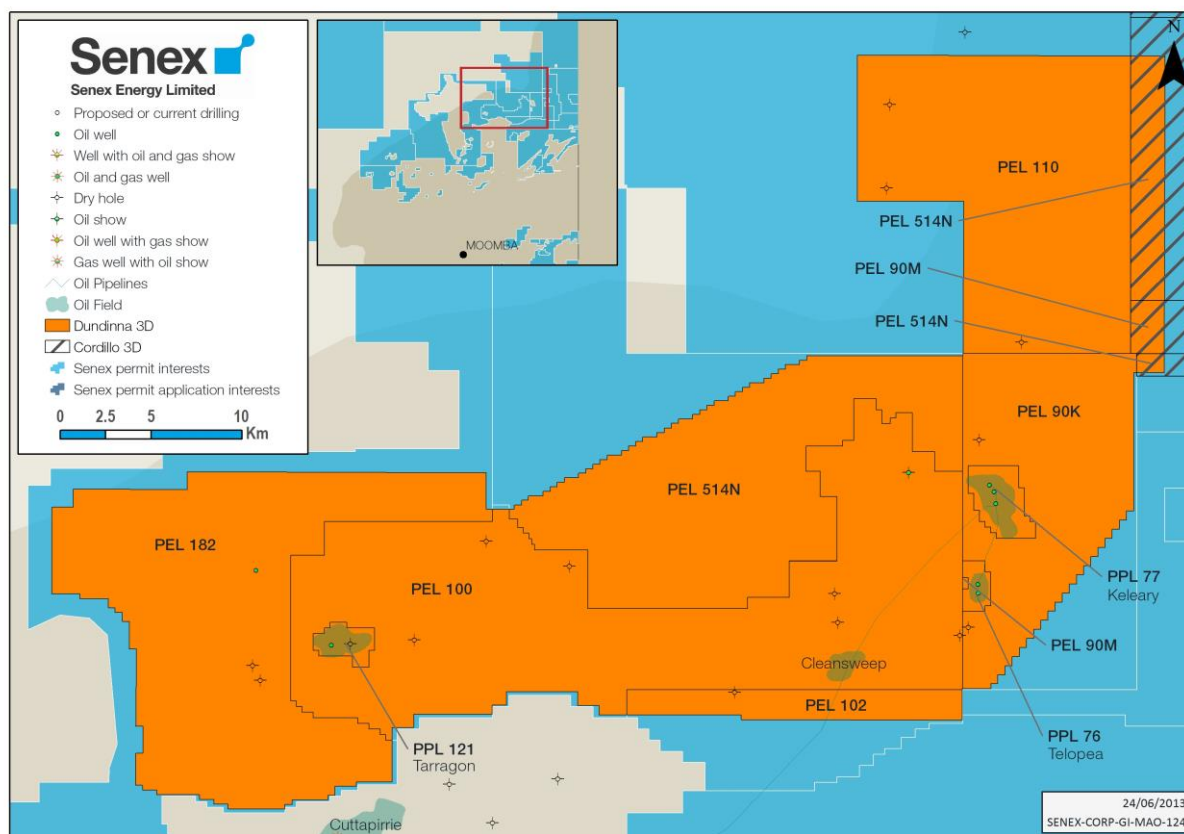


Figure 2 – Senex seismic program

