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## Weekly Update Tamarama-3

### ➤ Gas shows in the Nappamerri and Toolachee

**Sydney, 17 May 2018:** Cooper Basin focused oil & gas exploration company Real Energy Corporation Limited (ASX: RLE) ("Real Energy") advises that Tamarama-3 at 6 am today 17th May 2018, the well was at depth of 2,412 metres MDRT and drilling ahead in the production hole.

Since the last weekly report, the well was drilled from 1,623 metres MDRT (measured depth below rotary table) to the depth of 2,412 metres MDRT, as at 6.00 am EST on 17<sup>th</sup> May 2018 within the Toolachee Formation target section in the 6-1/8" hole.



Ensign rig 964 on location

Based on the preliminary information from drill cuttings and mud log gas readings, the Toolachee Formation was encountered at around 2,342.75 metres MDRT (2,181.1 metres subsea True Vertical Depth) which is approximately 29 metres updip from the Tamarama-1 Toolachee Formation top. Elevated gas readings have been recorded over the Nappamerri Formation and Toolachee Formation penetrated so far with several gas peaks over the numerous sandstone intervals. The intervals with notably high gas readings are:

- 2320–2360 metres MDRT (Nappamerri Formation): interbedding SANDSTONE and minor SILTSTONE with gas peak of 165.6 units over the background gas of 10.1 units;
- 2382–2412 metres MDRT (Toolachee Formation): interbedded SILTSTONE, SANDSTONE with minor COAL with gas peak of 327.7 units over the background gas of 14.5 units;

The significance of these gas shows and any further gas shows in the Patchawarra Formation will be further evaluated by electric logs to be undertaken after reaching the total depth, currently predicted at approximately 2600 metres MDRT.

The Managing Director of Real Energy Mr Scott Brown commented “The result so far at Tamarama-3 appears to be very encouraging. The significance of the gas shows seen in the well will be evaluated after we complete drilling and running of the electric logs. The gas shows recorded in the Nappamerri Formation sandstone units are consistent with what we have seen in Tamarama-2 and Tamarama-1. They would provide additional gas pay target in the Tamarama area and ATP 927 in addition to the primary Toolachee and Patchawarra Formations gas reservoirs.”

Tamarama-3 well is second well of Real Energy’s two-well gas appraisal program designed to prove commercial gas flow. If the wells are successful, Real Energy will look to establish pilot production out of the wells and look to connect flow lines so that sales gas can then be supplied into Australia’s East Coast gas market.



The surface location of Tamarama-1, Tamarama-2 and Tamarama-3

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### Geological Information

*The geological information in this announcement relating to geological information and resources is based on information compiled by Mr Lan Nguyen, who is a Member of Petroleum Exploration Society of Australia, the American Association of Petroleum Geologist, and the Society of the Petroleum Engineers and has sufficient experience to qualify as a Competent Person. Mr Nguyen consents to the inclusion of the matters based on his information in the form and context in which they appear. The information related to the results of drilled petroleum wells has been sourced from the publicly available well completion reports.*

## **About Real Energy Corporation**

Real Energy is an oil and gas exploration and development company with a focus on the Cooper Basin, Australia's most prolific onshore producing petroleum basin. Real Energy has 100% ownership in 2 large permits in Queensland –ATP 927P & ATP1194PA.

Real Energy is focusing initially on the Toolachee and Patchawarra formations. These formations are well-known throughout the basin for holding and producing gas. Seismic interpretation in conjunction with existing petroleum well data has determined that the Toolachee and Patchawarra formations are significant across much of our acreage.