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ABN: 65 078 301 505  
288 Stirling Street  
Perth WA 6000  
PO Box 8260 PBC WA 6849  
Tel: +61 8 9227 3240  
Fax: +61 8 9227 3211  
www.norwestenergy.com.au

## Arrowsmith-2 Update

### Norwest currently gearing up for completion operations

**Norwest Energy (ASX:NWE) is pleased to report that the 2 3/8" tubing has now been delivered to site and the majority of necessary equipment and parts are ready for commencement of operations.**

Since reporting the plans to install the completion tubing Norwest has actively been procuring and progressively taking delivery of the equipment and associated components as well as attending to planning and permitting matters. The actual commencement date for this well completion program is not fixed at this time however, as there are still two components being provided by overseas suppliers that have not yet arrived. As soon as these items arrive in Australia and clear customs, the completion program will commence immediately. Norwest does not anticipate a protracted delay for these items.

After analyzing the existing data on this interval, a hypothesis was developed on how choke management, flow path, flow duration and other variables impact the well's pressure and fluid unload rate performance, and so it was decided that an additional flow back period be undertaken to confirm these theories and better understand the flow characteristics of the Carynginia fracture stimulated zone. A short duration flow test of 8 days was subsequently carried out on the Carynginia Formation over the period 4<sup>th</sup>-13<sup>th</sup> July.

During this flowback period, approximately 1000 barrels of injected fluid were recovered, to bring the total proportion of injected fluid recovered from the Carynginia Formation to 52%.

Due to rate restrictions with the current separator package installed on site, peak flow rates could not be measured through the installed gas flow metering system, however rates calculated utilising the pressure drop across the choke indicated peak flow rates well in excess of 500,000 scf/d. The high gas rate is supported by Figure 1 below demonstrating a strong flare on the penultimate day of flowback, 12<sup>th</sup> July 2013.

These are encouraging results, and the Carynginia Formation remains a primary focus of this campaign.



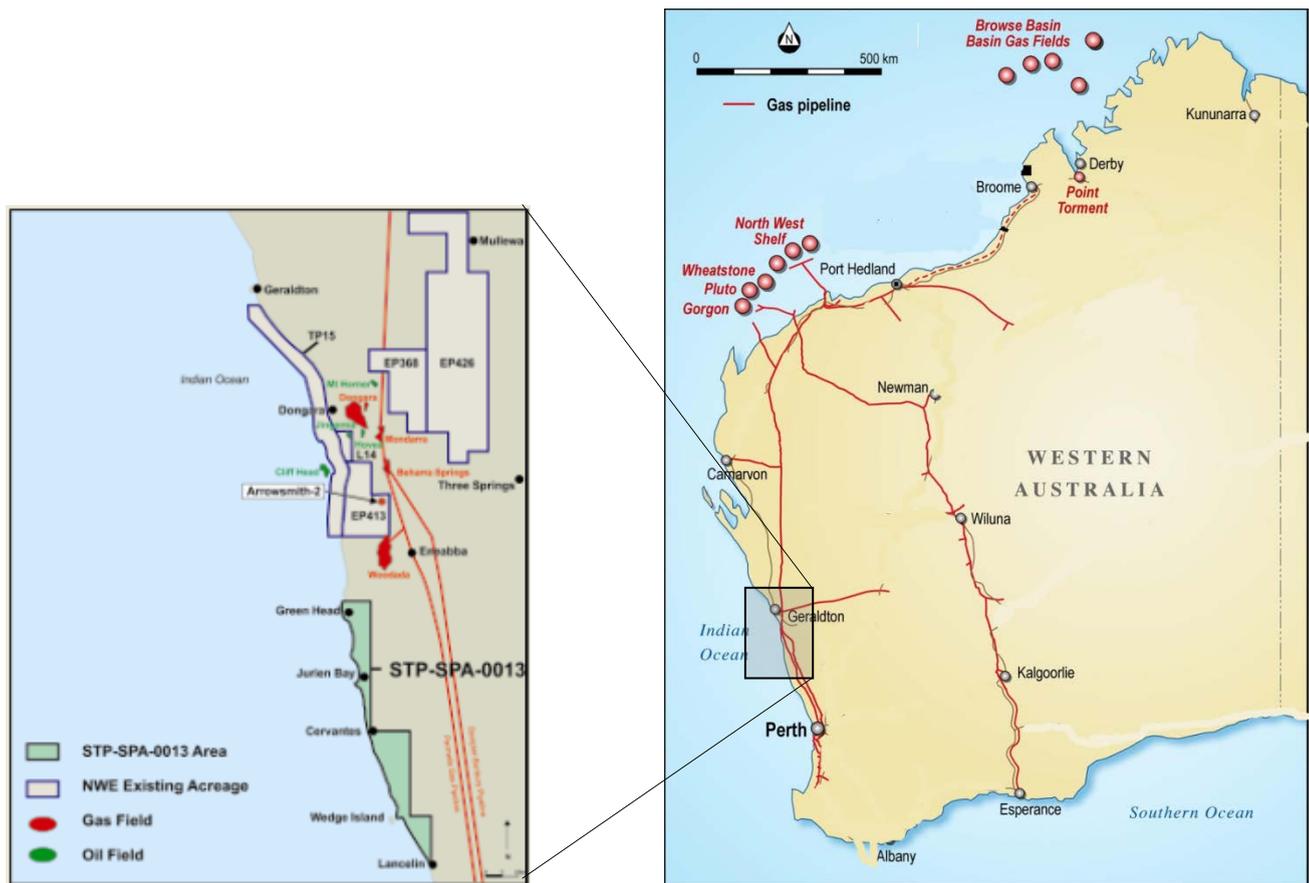
Figure 1. Carynginia Formation Gas Flare on 12<sup>th</sup> July 2013



Figure 2. Separator on Arrowsmith location



Figure 3. 2 3/8" tubing on Arrowsmith location



**Figure 4. Arrowsmith-2 location**

**Joint Venture partners in EP413:**

Norwest Energy NL (Operator)	27.945%
AWE Limited (via subsidiaries)	44.252%
Bharat PetroResources Ltd	27.803%

**Peter Munachen**

**Chief Executive Officer / Director**

Further information:

Email: [info@norwestenergy.com.au](mailto:info@norwestenergy.com.au)

or

Visit: [www.norwestenergy.com.au](http://www.norwestenergy.com.au)