

#### **ASX Announcement / Media Release**

# **Hammamet West-3 Production Test Update**

12 August 2013

Cooper Energy Limited ("Cooper Energy: ASX:COE) as Operator and 30% joint venture interest-holder of the Bargou Permit offshore Tunisia provides the following update on the production testing of Hammamet West-3 announced to the ASX on 6 August.

As advised, production testing of Hammamet West-3 commenced at 19:30 hours on Monday 5 August, with an attempt to flow the well without acid stimulation. The initial flow period, of 2 hours 11 minutes, produced 25 barrels of fluid to surface. The well was shut-in to obtain an accurate measurement of reservoir pressure, as planned.

Clean-up flows were conducted during a 6.5 hour period on 6 August. During the clean-up flow period, 111 barrels of fluid (formation oil, base oil and drilling brine) were produced to surface tanks along with formation gas. Flow rates, measured by 15-minute tank dips, averaged 413 barrels of fluid/day with surges up to a maximum of 1,700 barrels of fluid/day. Gas flared at surface contained 3%  $CO_2$  and no  $H_2S$ .

Prior to commencing the main flow period, coiled tubing operations were conducted in preparation for the introduction of acid into the wellbore. On 7 August the coiled tubing became stuck inside the production tubing due to an accumulation of loss circulation material produced from the Abiod Formation. Operations to free the obstruction have been unsuccessful to date.

It is intended to remove the coiled tubing so that testing operations may resume. Specialised cutting equipment has been mobilised to the rig to assist removal of the coiled tubing from the well bore. It is expected that, depending on the results of the 'cutting' operations, testing operations may recommence in another 7 to 14 days.

Cooper Energy Executive Director- Exploration and Production, Mr Hector Gordon, said "while the well has continued to progress slowly, the results have been positive. Our pre-drill reservoir model has been confirmed by the fractures defined while drilling and the oil recoveries to date."

"We are confident that the Hammamet West structure contains a material oil resource. Whilst there have been delays, the results so far are very encouraging" said Mr Gordon.

Cooper Energy Limited

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<sup>&</sup>lt;sup>1</sup> Base oil: refined oil introduced into the wellbore to produce a pressure difference between the formation and the wellbore to assist the initial well flow during testing

#### Well background

Hammamet West-3 is located 15 km offshore and 1.6 km east of Hammamet West-2 in 54 metres water depth (see map following). The nearest producing field is Maamoura, 12 km SW.

The well objective is to drill and test a highly deviated wellbore through the naturally fractured Abiod Formation reservoir to confirm oil productivity. This is illustrated in the schematic diagram following.

The production test is being conducted over the entire 432 metre of Abiod Formation that has been accessed by a near horizontal wellbore. As illustrated in the schematic diagram following, this section is believed to contain a number of porous open fractures. While drilling the wellbore, numerous oil and gas shows and significant drilling mud losses were recorded.

#### Participating interests:

Cooper Energy Limited (Operator) 30%

Dragon Oil Ltd 55%

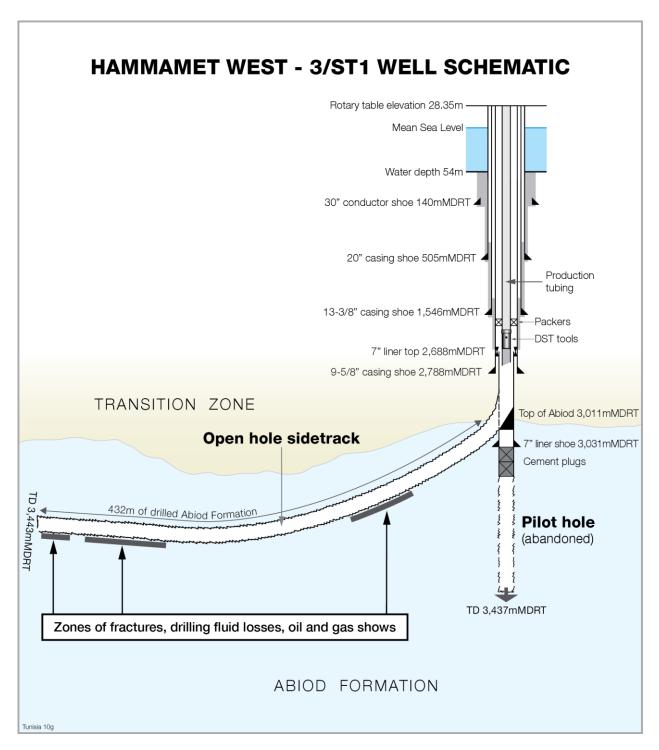
Jacka Resources Limited 15%

## Oil recovered on Hammamet West-3 test from the Abjod Formation



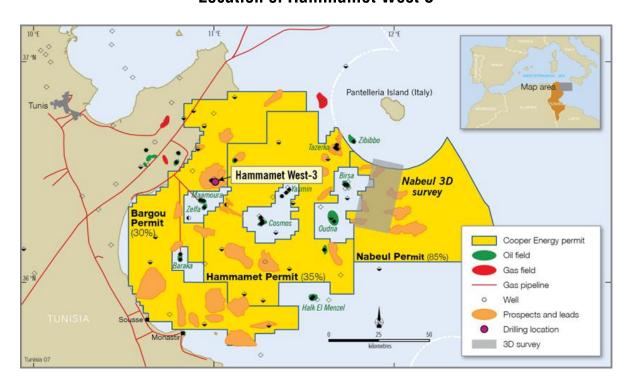


## Schematic of Hammamet West-3 Deviated Wellbore



mMdrt - measured depth in metres below the rotary table or drilling floor

## **Location of Hammamet West-3**



Further comment and information
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#### **About Cooper Energy Limited ("Cooper")**

Since listing on the ASX in 2002, Cooper has built a portfolio of near term low risk development and appraisal projects as well as high impact exploration prospects. Cooper currently benefits from approximately 500,000 barrels of oil production per year from the Cooper Basin, South Australia, with approximately 150 barrels of oil per day gross production from its Sukananti KSO in Indonesia. Cooper also has prospective exploration licenses in Australia (Cooper, Otway and Gippsland Basins), Tunisia and Indonesia. Cooper enjoys a solid balance sheet, good production earnings, and has a clear strategy to enhance shareholder return. <a href="https://www.cooperenergy.com.au">www.cooperenergy.com.au</a>