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Zeta Petroleum plc ('Zeta' or 'the Company')
Quarterly Activities Review – Period Ended 30 September 2014

Zeta Petroleum plc, the ASX listed oil and gas company with a balanced portfolio of production, appraisal and exploration assets in Romania provides its quarterly activities review for the period ended 30 September 2014.

### **HIGHLIGHTS:**

## **Suceava – Climauti Gas Production (50%)**

• Production at the Climauti gas field continued to generate net revenues to Zeta with gross production of approximately 12,000m3/day (423,780 scf/d).

# Suceava – Dornesti Sud-1 Gas to Power Project (50%)

- Site construction and road access completed
- Production testing is due to commence shortly
- First electricity production expected in November 2014

## Jimbolia – Oil Appraisal (39%)

- Preparation works for additional testing of the Jimbolia-100 well are due to be completed before year end
- Zeta is fully carried for this work by NIS Gazprom Neft

# **Bobocu – Gas Development and Production (100%)**

- Campaign underway to bring in a farm-in partner
- Several companies currently assessing the opportunity

Zeta Petroleum plc Chief Executive Officer Andy Morrison said, "We have made excellent progress in Q3 2014 and we look forward to another exciting period for Zeta in Q4 2014. We are encouraged by the positive developments on our Suceava licence where gas production will increase once the Dornesti Sud-1 gas-to-power project achieves first electricity production in November.

"In addition to the existing Suceava gas production wells, the Ruda-1 well is expected to be drilled in Q4 2014 before shifting our focus to re-testing the SE-1 discovery well. Elsewhere we are continuing to drive the Bobocu farm out process and we also



look forward to the results of additional testing of the Jimbolia-100 oil well, where our interest is fully carried.

With an active forward programme and proposed listing on the AIM market we are well positioned to provide further positive updates to the market before year-end."

## **FULL DETAILS:**

### SUCEAVA (50% ZETA, 50% RAFFLES ENERGY (OPERATOR)):

The 2,403sq km Suceava concession is located on the Moldavian Platform, approximately 370 km north of Bucharest and is contiguous to the Chevron owned Barlad concession. The Suceava concession includes the producing Climauti Gas Field and the Dornesti Sud-1 and SE-1 gas discovery wells.

## Existing Gas Discovery Wells

Existing discovery wells flowed commercial rates of gas in tests: the SE-1 drilled in 2005, tested at a stable rate of 25,500 m3/day (peak rate in excess of 33,000 m3/day) and the Dornesti Sud-1, which was drilled in 2007, tested at 24,000 m3/day. The Dornesti Sud-1 well was re-entered and production tests carried out by the current consortium in June 2013. During production testing, the Dornesti Sud-1 well tested at 26,000m3/day, a rate which confirms that it can be commercially developed.

Following a feasibility study in 2013, gas-to-power was chosen as the preferred method to monestise the Dornesti Sud-1 well. The gas-to-power project is at an advanced stage and it is expected that first electricity production will commence in November 2014.

The second existing and suspended discovery well, the SE-1 well, will also be examined after production has been established at the Dornesti Sud-1 well.

# Climauti Gas Field

During the quarter production at the Climauti gas field continued to generate net revenues to Zeta at a gross rate of approximately 12,000m3/day.



# JIMBOLIA (39% ZETA, 51% NIS PETROL SRL (OPERATOR), 10% ARMAX):

The Jimbolia concession is located in the proven and producing eastern part of the Pannonian Basin and consists of two discoveries: Jimbolia Veche and Jimbolia Vest.

## Jimbolia Veche Discovery

In 2013 the Jimbolia-100 appraisal well was drilled to its target depth of 2,590 metres with four targets in the well identified to be perforated and tested. The third (2,533-2,536m) and fourth (2,522-2,526m) intervals naturally flowed condensate and gas during testing with maximum co-mingled flow rates of 21 barrels per day of condensate and 67,435m<sup>3</sup> per day of gas (with a high CO2 content). The well has been suspended with additional testing to be completed in H2 2014.

The Jimbolia-100 well targeted the Jimbolia Veche discovery, which has a current Pmean contingent oil resource of 1.72MMbbls. Previous drilling by Petrom in 1983 identified the Pliocene VIII as an oil reservoir with a gas cap. This was penetrated by two wells, the Jimbolia-1, which flowed at rates up to 120 bbls/day and tested at a sustained rate of 50 bbls/day for 6 days and Jimbolia-6, in which tests indicate an oil leg with an oil density of 780kg/m3 (50° API).

### Jimbolia Vest Discovery

On a wider basis, the Board believes there is additional potential in the Jimbolia Vest discovery which was tested, but not produced, over two intervals of the Lower Pliocene V reservoir, with the lower interval (16m) flowing 33% CO2, 61% CH4 and condensate at rates of 196Mscf/d, and the upper interval (8m) testing gas (no flow rate details available). Our partner NIS is currently producing from the Serbian extension of this field, Srpska Crna Field.

## **BOBOCU (100% OWNED AND OPERATED):**

The Bobocu Gas Field previously produced from 1977 – 1995 and 2000 - 2001. Bobocu is located approximately 20km northeast of Buzau and 110km northeast of Bucharest.

### Bobocu-310 Well

During the drilling of the Bobocu 310 well in 2012 multiple gas shows were encountered and the wireline logs indicated a gas bearing reservoir. Initial testing of



the well did not yield commercial gas and it was decided to suspend the well in September 2012, pending further analysis.

The downhole well logs and pressure data from the Bobocu 310 well have been analysed and evaluated, and the results have been incorporated into the field's existing geological model, which includes 75 sq km of 3D seismic.

In addition to the evaluation work on the Bobocu 310 well data, the 3D seismic acquired over the field by the Company in 2010 was reprocessed using seismic inversion to improve its resolution by utilising the shear sonic log acquired in the Bobocu 310 well. This has further improved the accuracy of the Bobocu field geological model.

### Sidetrack Well

Further to the extensive evaluation of the Bobocu 310 well results and the acquired logs, it is the Company's intention, subject to finance, to sidetrack a well from the existing Bobocu 310 well location targeting an up-dip area approximately 500 metres south of the existing well location.

Although the initial testing of the Bobocu 310 well did not yield commercial gas, the intention remains to bring this field back into production by initially drilling a sidetrack well followed by new development wells. The Company believes that the Bobocu field is prospective and will pursue suitable avenues from which to advance its exploitation. With 100% control of the Bobocu field, there are various development options available.

## **Other Opportunities**

In line with its strategy, the Company continues to assess other oil and gas opportunities in Romania and other European Union states that may complement and enhance the current portfolio. With an experienced team and an exciting platform of assets, the Company believes that it is ideally positioned to capitalise on a number of regional opportunities. This is particularly relevant with the increasing issues of energy security translating into countries being keen to develop their own energy sources.



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The information provided in this press release that relates to Zeta Petroleum plc's hydrocarbon reserves is based on information compiled by or under the supervision of Mr Bogdan Popescu. Mr Popescu has the following qualifications: PhD (Sedimentology), MSc (Geology) and BSc (Geology). Mr Popescu has consented in writing to the inclusion of the information provided in this press release that relates to Zeta Petroleum plc's hydrocarbon reserves in the form and context in which it appears here. Mr Popescul is a director of Zeta Petroleum plc.