

# ECOSSE Indonesian Farm-In Opportunity BENGKULU PSC

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## Looking for a Farm-In Partner for up to 49% WI

Ecosse Energy (Bengkulu) Pty Ltd is a wholly owned subsidiary of Ecosse Energy Corp and is looking to farmout up to 49% of its 100% interest in the Bengkulu PSC. The Bengkulu PSC is located on the southwestern coast of Sumatra, and covers an area of 4102 km<sup>2</sup> both onshore and offshore. Offshore water depths are generally 150ft or less over the identified prospects. The PSC was signed in October 2005 for a period of 30 years. The PSC has better than normal production splits – 75/25 (after tax). There is also no cap on cost recovery.

## Work Commitment & Project Timing

Ecosse plan to drill three onshore wells and shoot 100 km of onshore seismic in 2011, which will exceed the remaining commitment for the PSC of two wells by end 2011. Chapman Engineering of Calgary completed an Independent Expert Review of the PSC to NI 51-101 required for public companies in Canada.

## Prospectivity

A total of 1852 km of data acquired up to 1990 has been interpreted on and offshore, and a total of seventeen prospects identified. These comprise Four Batu Raja and Talang Akar prospects and one Parigi reef prospect onshore; and three Batu Raja and Talang Akar prospects, three Gumai reef and six Parigi reef prospects offshore.

The Batu Raja prospects comprise structural closures and reefal build ups. The total unrisks recoverable resources (ROIP) are shown below.

Previous wells drilled in the block have all found shows, but were drilled too high on the flanks (A1X, A2X, Kobra-1) to find reservoir, or off structure (Arwana-1) to have been successful.



**LEGEND**

- Company Block (Bengkulu PSC after 35% relinquishment)
- Initial Bengkulu PSC
- ◆ Dry and Abandoned Well
- ◆ Abandoned Well with Oil & Gas Shows
- ◆ Abandoned Well with Oil Shows
- Municipality

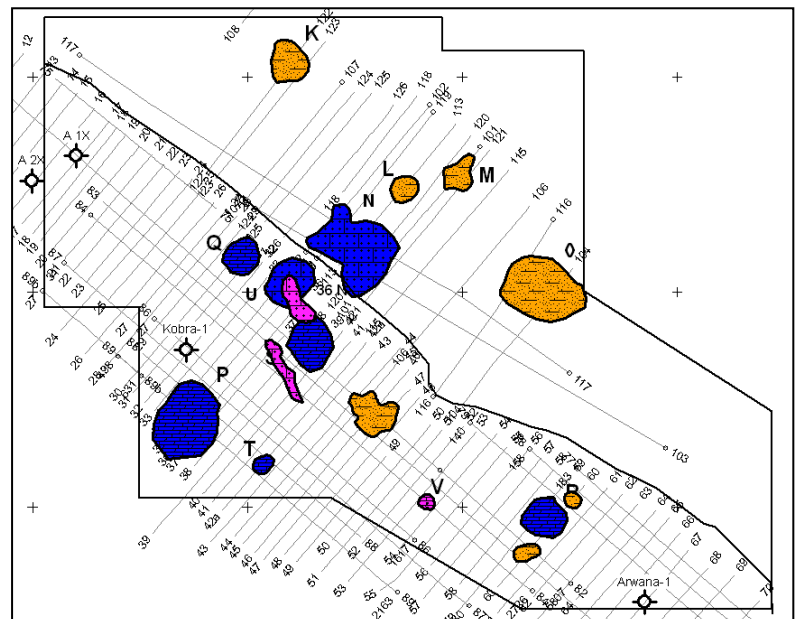
**ECOSSE ENERGY CORP.**

**BENGKULU BLOCK**

INDONESIA

**BLOCK LOCATION MAP**

FEB. 2010    JOB No. 5008    FIGURE No. 1



Bengkulu PSC  
Seismic Lines - Prospects

## Petroleum System Source

The source for these plays are the shales of the Talang Akar and Lahat formations. These are found in well Arwana-1 in the south of the license, at depths of 4100m at which they are actively generating oil. The onshore oil seep survey conducted by Nexen found numerous oil seeps, including several actively associated with with the onshore prospects.

The oil expulsion depth is estimated to be 4500m, and this kitchen extends over most of the offshore, and onshore near the prospects. As the structures were formed, and the reefs buried prior to oil maturation and migration, there are no anticipated timing risks associated with charge.

Migration is expected to be vertically via faults, which are widespread in the basin, and laterally into the traps.

Figures from Chapman Engineering NI 51-101

ONSHORE Ultimate ROIP (MMSTB) - Feb 2010 Evaluation		OFFSHORE Ultimate ROIP (MMSTB) - Mar 2010 Evaluation	
Prospect K	57.2	Prospect P	87.085
Prospect L	32.175	Prospect Q	29.028
Prospect M	22.344	Prospect R	27.093
Prospect N	29.062	Prospect S	43.543
Prospect O	65.315	Prospect T	7.257
		Prospect U	41.123
		Prospect V	18.702
		Prospect W	8.777
		Prospect X	1.787
		Prospect Y	6.052
		Prospect Z	10.707
		Prospect AA	9.221
<b>TOTAL ONSHORE</b>	<b>206.096</b>	<b>TOTAL OFFSHORE</b>	<b>290.375</b>
<b>TOTAL OVERALL</b>		<b>496.471 MMSTB</b>	

## Petroleum System Reservoir & Seal

The reservoirs expected are reefal buildups at Batu Raja, Gumai (L9) and Parigi levels. These can clearly be seen on the seismic data, and are well known targets in the South Sumatra basin.

Below these are the Talang Akar and Lahat sandstones. These have been encountered in Arwana-1 which found porous and permeable sandstones, and they are also a common reservoir throughout South Sumatra.

Marine shales of the Parigi and Air Benakat formations provide seals for the shallower reservoirs, and the Gumai shales form the seal for the deeper batu Raja and Talang Akar targets.

