



Ref: # 215/09

16 December 2009

ASX Ltd
Companies Announcement Office
Electronic Lodgement System

Dear Sir,

**Re: Beach Energy Limited Weekly Drilling Report
Week ending 16 December 2009**

The drilling report and well location maps for the week ending 16 December, 2009 are attached. Highlights of the week's activities include:

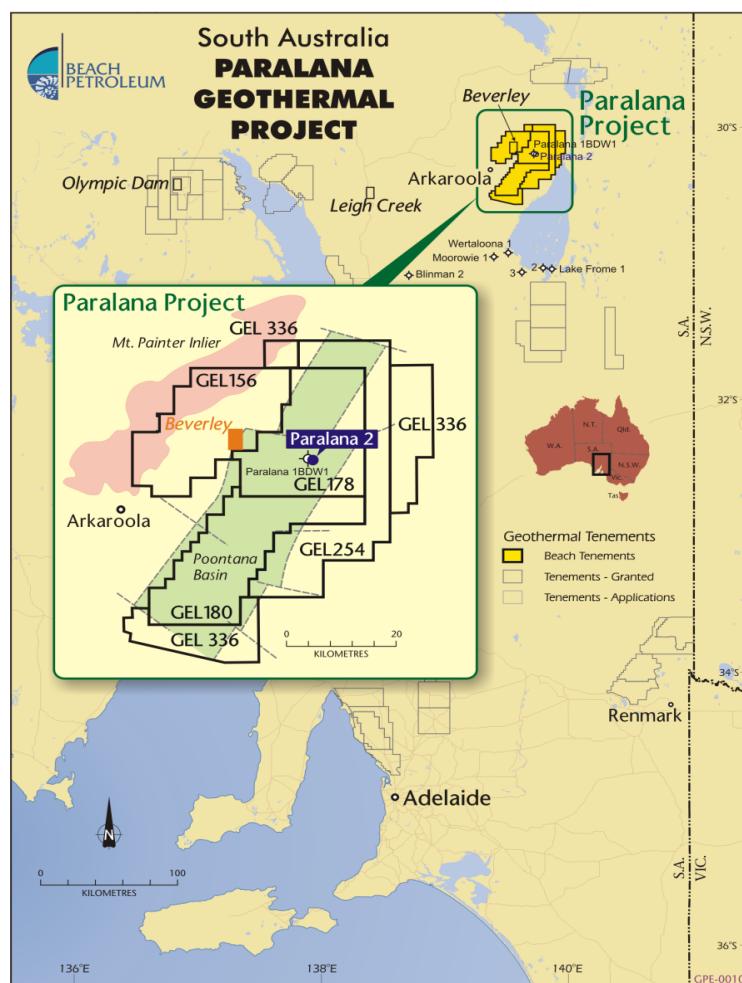
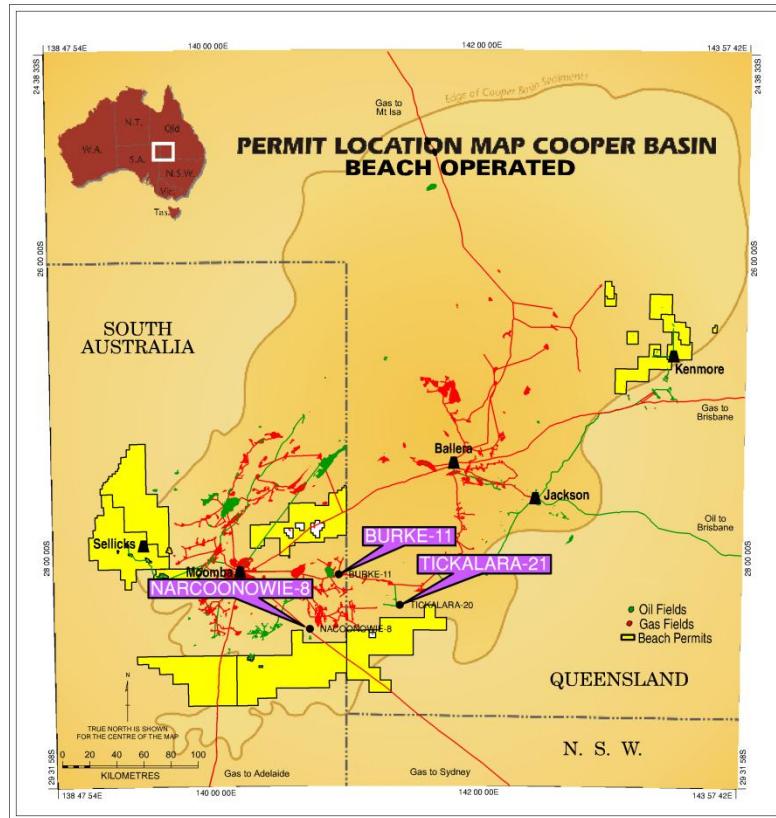
Arrowie Basin (South Australia) - Paralana-2 Geothermal Exploration Well

Paralana-2 (GEL 178) has been successfully cased and cemented to a depth of 3725 metres and the rig was released on 12 December. The evaluation program for Paralana-2 is to continue early in 2010 to determine the static temperature and rock properties of the basal interval of the well (Beach, well Operator, earning 21%).

Yours faithfully,

A handwritten signature in black ink that reads "Hector Gordon".

Hector Gordon
Chief Executive Officer



Weekly Drilling Report

Wednesday 16th December 2009

Well	Participants	Weekly Progress & Summary	Primary Targets
Paralana-2 GEL 178 Geothermal Exploration Arrowie Basin, SA	BPT* PTR TRU	21.00% 69.00% 10.00% Report Time: 0600 hrs (CST) 16/12/2009 Depth: 4012m (TD) Operation: Well has been cased to depth of 3725 metres. Rig was released on 12 December. Progress: 0m	Bolla Bollana Formation
Burke-11 PPL 12 Gas Development C/E Basin, SA	BPT STO* ORG	20.21% 66.60% 13.19% Report Time: 0600 hrs (CST) 16/12/2009 Depth: 2504m Operation: Drilling ahead in the Patchawarra Formation. Progress: 1700m	Epsilon Formation, Patchawarra Formation
Narcoonoowie-8 PPL 114 Oil Development C/E Basin, SA	BPT STO* ORG	20.21% 66.60% 13.19% Report Time: 0600 hrs (CST) 16/12/2009 Depth: 942m Operation: Drilling ahead in the Early Cretaceous. Progress: 942m	Birkhead Formation, Murta/McKinlay
Tickalara-21 PL 34 Oil Development C/E Basin, QLD	BPT STO*	30.00% 70.00% Report Time: 0600 hrs (CST) 16/12/2009 Depth: 1417m Operation: Drilling ahead in the Westbourne Formation. Progress: 1417m	McKinlay Member, Namur Sandstone

(s) Secondary Targets

BPT Beach Energy Ltd
TRU TRUenergy Pty Ltd
STO Santos Limited

(*) Operator

ORG Origin Energy Resources Ltd
PTR Petratherm Ltd