



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:

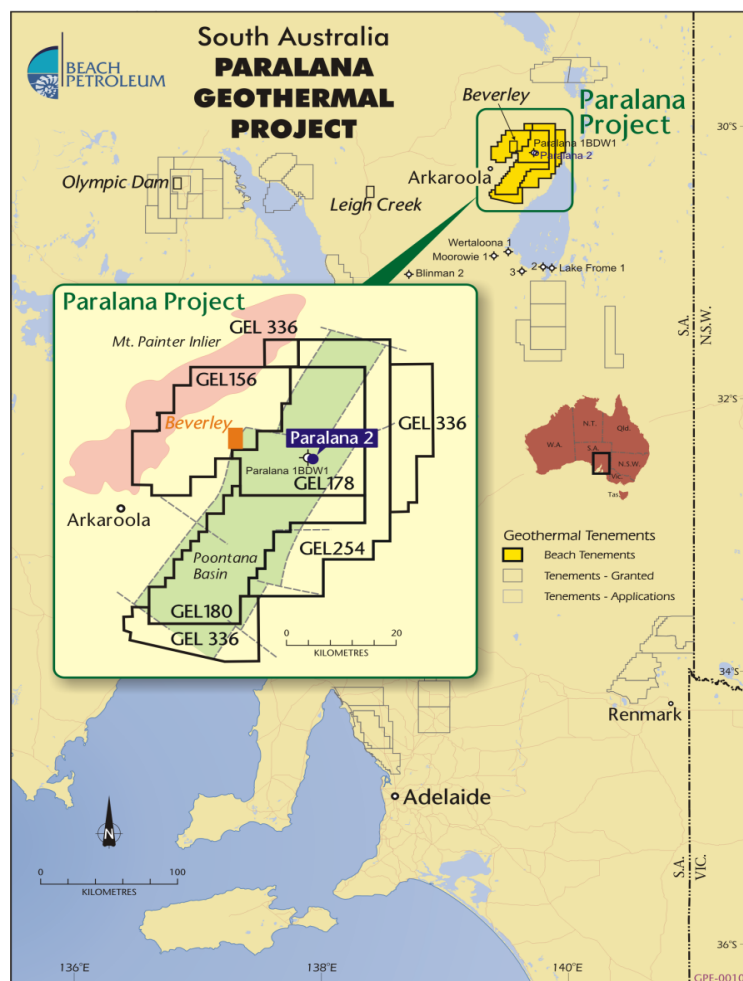
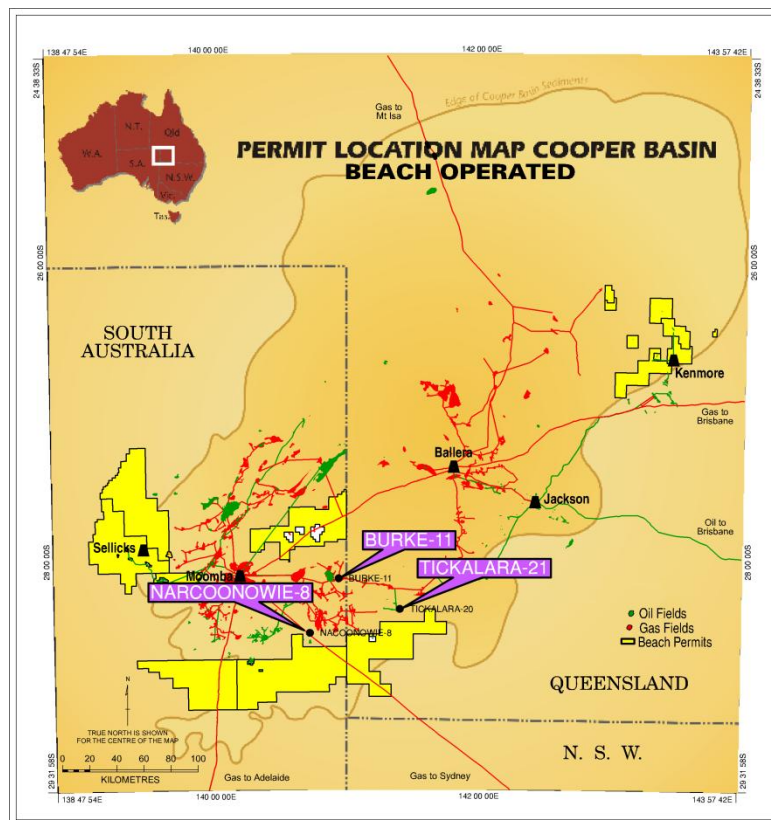
Arrowie Basin (South Australia) - Paralana-2 Geothermal Exploration Well

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, appearing to read "Hector Gordon".

Hector Gordon
Chief Executive Officer



25 Conyngham St, Glenside South Australia 5065
 GPO Box 175 Adelaide 5001
 Telephone (61 8) 8338 2833
 Facsimile (61 8) 8338 2336
 Beach Energy Limited ABN 20 007 617 969
 Website: www.beachenergy.com.au

Weekly Drilling Report

Wednesday 16th December 2009

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

(s) Secondary Targets
 BPT Beach Energy Ltd
 TRU TRUenergy Pty Ltd
 STO Santos Limited

(*) Operator
 ORG Origin Energy Resources Ltd
 PTR Petratherm Ltd