

Great Artesian Oil and Gas, (ASX:GOG) which listed on the ASX on 5 August 2003, explores and develops conventional oil and gas projects. It has a strategic spread of petroleum exploration acreage in Australia's most prolific onshore oil and gas province, the Cooper Basin in South Australia and in Queensland as well as one offshore permit in the Otway Basin and three offshore permits in the Gippsland Basin. The focus is on 'brownfields' exploration where geological risk is reduced and there is access to existing infrastructure, which ensures that any discoveries can be brought into production rapidly. Great Artesian is currently in the process of a merger with Drillsearch Energy Limited (ASX:DLS) by way of Scheme of Arrangement, details of which were announced on 18 April 2008.

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3D Seismic for PEL 91

Great Artesian Oil and Gas Limited (ASX:GOG) is pleased to advise that the PEL 91 joint venture of Great Artesian and Beach Petroleum Limited (ASX:BPT) is embarking on the next stage of exploration work in PEL 91, being approximately 137 square kilometers of 3D seismic data acquisition.

The seismic work is part of a collaborative project ("Modiolus 3D") being undertaken with the PEL 92 joint venture of which Beach is also the operator and will cover the south western part of PEL 91 as illustrated on the map attached.

The seismic acquisition is being undertaken by Terrex Seismic. Line clearing has already commenced and acquisition is expected to commence in PEL 91 in about 3 weeks.

Great Artesian Managing Director, David Williams, said "The joint venture sees this seismic work as the important next step to the identifying the next drilling targets, building on the information gained from the Ballaparudda-1 and Murrippi-1 wells drilled recently.

"We are pleased to have the support of Drillsearch Energy, with whom we are in the process of merging, to undertake this work at this time."

Great Artesian holds a 60% interest in PEL 91 and Beach holds a 40% interest and is the operator.

