



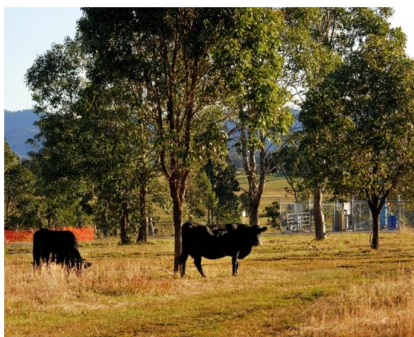
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AGL Gloucester Gas Project

Date of issue: 25 April 2012

Community Update



If you have any questions or would like to discuss parts of our project we encourage you to contact the Project team via any of the following methods:

Letter:

Gloucester Gas Project
22 Tate Street
Gloucester NSW 2422

Email:

Gloucester@agl.com.au

Phone:

(02) 6558 1166 or 1800 810 680

Web:

www.agl.com.au/gloucester

Update: 2D Seismic Survey

Importance of seismic survey

As mentioned in our previous column, the 2D seismic survey work in the Gloucester area is commencing this month.

There are a number of methods to collect geological and geophysical data. For this survey we are using a two dimensional (2D) seismic survey exploration method to create a map of the geology and structure beneath the Earth's surface.

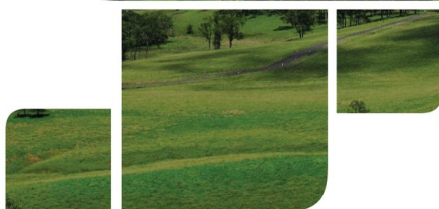
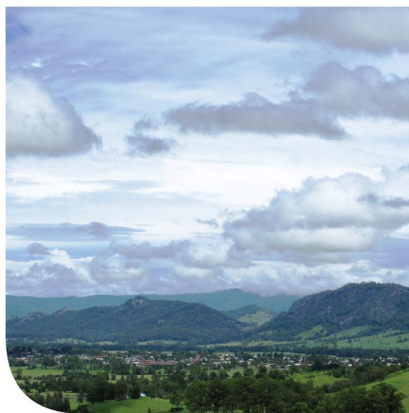
Seismic data helps to build a regional geological understanding of the Gloucester gas exploration areas. Importantly, it helps our geologists and geophysicists, who interpret this data, to confirm where the coal seams are, and where they are not. A more complete seismic map of the area contributes to a deeper

understanding of where the coal seam gas is, enabling us to make more accurate decisions about where to drill and where to avoid drilling.

We are working closely with landowners and nearby residences to determine the final alignment for these surveys. Providing permission for this survey does not provide permission for any other activity or any future surveys. The more complete the information for this survey, the more accurate decisions can be about where exploration and eventual drilling should be limited to.

How is the data captured?

2D seismic exploration is non-intrusive to the landscape. AGL is using small seismic units, referred to as Envirovibes. The tractor-sized buggies have an under-mounted vibrating plate that is lowered to the ground and



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vibrated for approximately 10 seconds. This process is repeated every 10–20 metres at what are known as seismic stations. Typically, 5-8 kilometres of the survey can be recorded each day. This is the same equipment as used in our 2009/2010 seismic survey.

The method being used by our survey team sends energy waves into the Earth. The different rock formations then reflect the waves back to the surface, where they are recorded over a period of time and converted into a seismic image. A more detailed fact sheet on 2D Seismic Surveys can be found on our project website.

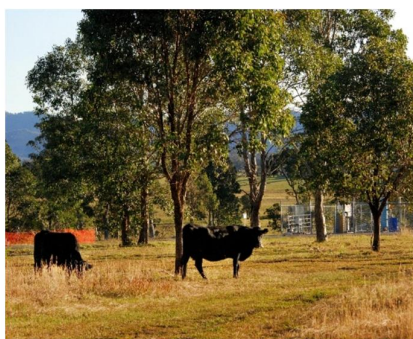
Minutes of the GCCC meeting held on the 2nd April will be ratified at the 26 April meeting and will then be published to Gloucester Gas Project website - www.agl.com.au/gloucester.

If you have any questions about the project, please contact us via the contact mechanisms provided in this Community Update.

We look forward to hearing from you.

Kind regards,

The Gloucester Team



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[Update: Independent Peer Review of the Phase 2 Water Study](#)

The independent peer reviewer of the Phase 2 Water Study, Dr Richard Evans has presented his first draft report of AGL's Groundwater Studies Stage 2 Report to the Gloucester Community Consultative Committee (GCCC) on 2nd April.

During the extraordinary meeting in Gloucester, Dr Evans responded to a range of questions from GCCC members and presented some of his preliminary findings in a PowerPoint presentation.

Dr Evans' final draft will be reviewed at the upcoming GCCC meeting on 26th April, with the final report to be made available on the AGL website as of 9 May.