

## ***Geosequestration 2 – Managing exploration drilling costs***

### **The issue faced by our client**

As a first of a kind exploration project for onshore geosequestration our client ZeroGen had discovered that traditional oil and gas industry exploration drilling was expensive and was actively seeking alternatives that provided the required technical outcomes at a lower cost.

### **Our solution**

The higher costs of traditional oil and gas drilling technology is a problem for other industries facing lower commodity prices than traditional oil and gas.

Consequently, we scoped out the possibility of using a slim line mineral exploration rig with blow out protection (BOP) as used in the coal seam gas industry in Queensland.

We previously worked with companies to do this kind of drilling on coal seam gas, and it was a matter of actively working with the selected drilling company to achieve the desired outcomes, such as depth of well and core quality.

The services included:

- Concept engineering
- Prime contractor role for the drilling and completions (including sourcing the drill rig and associated equipment and providing suitable occupational health and safety processes for the drilling campaign.)

### **Outcomes for the client**

The drilling campaign was safely and successfully completed with approximately 50% savings on drilling costs.

The technical outcomes in terms of sampling and completions were achieved as required.