

# Origin Energy Spring Gully Coal Seam Gas Development

## South Queensland, Australia

The Spring Gully Coal Seam Gas field is located 75 km north east of Roma and the development covers an area of approximately 725 sq km. When fully developed, gas will be extracted from approximately 400 wells, producing an estimated 60 PJ/a. The gas is gathered at low pressure, compressed to 15.3 MPa, dehydrated to pipeline quality, and transmitted to the gas delivery point at the Queensland Gas Pipeline at Wallumbilla. In addition to gas gathering and treating, saline water from each well must be collected in a separate gathering system, and treated for disposal.

The project is being executed as an integrated team of Client and Uhde Shedden personnel, using Uhde Shedden engineering and project management

software, systems and procedures. Uhde Shedden has been providing a multidiscipline design team, including key project management personnel.

Uhde Shedden has been involved in all phases of the project, from initial conceptual design studies, through Front End Design, Detailed Engineering, some Procurement and commissioning of all phases. Major projects in the Spring Gully development include water treatment facilities and water transfer strategies, piping network optimisation, gas processing and compression facilities. Infrastructure and ancillaries in the project scope include roads, power generation, and control and telemetry systems.



**Uhde**



**ThyssenKrupp**