Developing the Wheatstone Natural Gas Project

Narrator

The Chevron operated Wheatstone project is one of Australia’s largest resource projects. Combined with Gorgon, these projects solidify Chevron’s position as a major LNG operator in Australia and globally. The Wheatstone gas field is situated approximately two hundred and twenty five kilometres off the northwest coast of Australia. The gas field was discovered in August 2004 and is adjacent to another Chevron operated gas field, Iago. These two gas field hold enough natural gas to supply a two train LNG development.

To process this natural gas Chevron is constructing a two train LNG plant with the combine capacity of eight point nine million tons per annum. This will eventually have the potential to produce up to twenty five million tons per annum of LNG and associated domestic gas. In March 2008 Chevron announced its intention to develop the resource via a green field, onshore, LNG and domestic gas plant. Since then, Chevron has embarked on extensive environmental studies to ensure the impacts of the project can be reduced and managed.

By the middle of 2009 the Wheatstone Project had moved into the front end engineering and design phase which was completed in 2011. It included; Wheatstone and Iago reservoir developments, sub-sea tiebacks to an offshore platform, offshore production facilities, an export pipeline to the shore, onshore gas processing and liquefied natural gas facilities and a first hub concept.

In late 2009 Chevron announced that additional gas for the project would come from the Julimar and Brunello gas fields, managed by Apache and the Australian subsidiary of the Kuwait Foreign Petroleum Exploration Company. Shell joined as a gas supplier and equity participant in April 2011. Meanwhile LNG sales agreements have been signed with Tokyo electric power company and Kyushu electric power company.

The foundation is laid on one of the oldest industrial sites in Western Australia’s Pilbara region, Ashburton North near the town of Onslow. Chevron is working with local industries, key government bodies and indigenous and community groups to maximize the project’s significant benefits. The Wheatstone project will create six and a half thousand direct and indirect jobs during peak construction. It will spend around seventeen billion dollars on Australian industry over the life of the project and it will generate approximately twenty billion dollars in income for Australia through government revenues. Following the final investment decision announced in 2011, initial construction work is underway with first gas planned for late 2016.

The Wheatstone project represents an important source of future energy supply. Providing customers with reliability and security offered by one of the world’s leading integrated energy companies.

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