EXTRACTING B.C.'S NATURAL GAS TO PRODUCE LNG

A SPECIAL SERIES ON LIQUEFIED NATURAL GAS

Hydraulic fracturing is a tried and tested way of accessing natural gas.

Typical depth of potable water sources and domestic wells in B.C.

Typical depth of a hydraulical fractured natural gas well in Typical depth of a hydraulically fractured natural gas well in B.C.:

2,000-4,500 metres

100%

of natural gas wells have multiple layers of steel casing cemented in place to protect groundwater 85%

of all new natural gas wells in B.C. are hydraulically fractured

98.5%

of the fracturing fluid is a mixture of water and sand; the rest is additives, many of which are found in everyday household products



Hydraulic fracturing is not new to British Columbia. It has been used for nearly 60 years to extract natural gas safely and efficiently. The natural gas industry, including hydraulic fracturing, is regulated by the BC Oil and Gas Commission, which employs hydrologists, agrologists, geologists, reservoir engineers and environmental analysts who ensure that the industry is following B.C.'s laws and regulations. The Commission also hosts fracfocus.ca, a website that provides detailed and objective information about hydraulic fracturing in B.C.

The BC LNG Alliance is the voice of British Columbia's new LNG export industry. Our mission is to foster the growth of a safe, environmentally responsible and globally competitive LNG industry in British Columbia and Canada.