



THE DEFENDER

Defend Lytham is a non-political campaigning organisation set up in 2004 by local residents to preserve the special character of our town and local environment. We have successfully campaigned to reduce the size and scale of Lytham Quays which threatened to overwhelm the town. We also campaigned against a seven story Lytham Gateway proposed for Ballam road. We also fought to save Lytham Courts from demolition and Warton St Post office from closure.

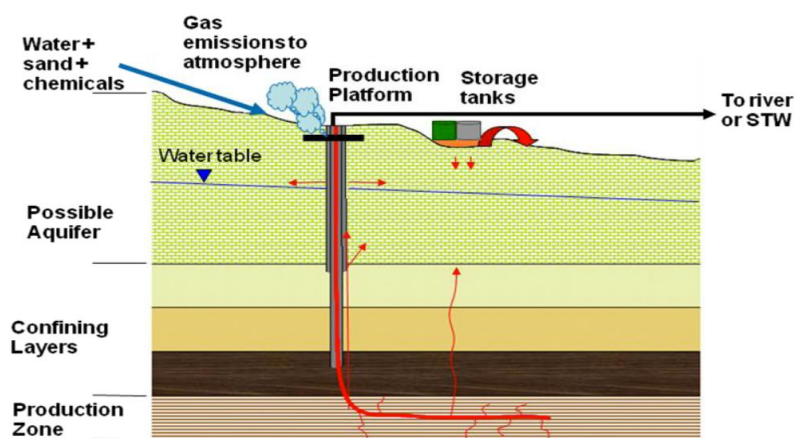
Our aims are:

- To protect and preserve our town
- To enhance public awareness of locally important issues
- To protect the Lytham coastal plain and the local environment
- To encourage the development of facilities for the public benefit.
- To promote responsible and sustainable local businesses

Defend Lytham says **NO** to Fracking

What is Shale Gas?

Deep under the Fylde in the Bowland Shales, natural gas is trapped in microscopic pores in the shale. Until relatively recently, it was not possible to extract this gas, as it was dispersed throughout the shale. However modern developments in drilling and technology have made the gas accessible.



What is a Shale Gas Well ?

A well is drilled vertically, to 10,000 -12,000 feet, then the drill is turned through a curve, in order to drill a horizontal distance of 2km. A series of steel pipes are inserted which are cemented to the rock walls of the well. The horizontal section of steel pipes and cement casing is then punctured.

Millions of gallons of fluid are pumped in under pressure, which breaks open the rock creating pathways for the gas. This process is known as hydraulic fracturing.

The gas that was trapped can now travel through these fractures into the horizontal pipe, up the vertical well and is captured at the surface.