



THE DEFENDER

Defend Lytham

Fracking: Our Experience On The Fylde

The Current Status of the Wells

Cuadrilla have drilled 4 exploratory vertical wells in this area:

- **Preese Hall** at Weeton. Fracked and abandoned due to technical problems (see opposite).
- **Anna's Road** - technical problems at 2000 ft of planned 12000 ft, stopped any further work on that well and Cuadrilla have now announced that the site will be 'abandoned'.
- **Banks**, where they exceeded their planning permission by 2 months, breaching 2 terms of their planning permission.
- **Singleton**, which they now propose to frack.

They are now planning to drill 3 more vertical wells and up to 6 horizontally fracked wells.

The Consequences of Fracking at Preese Hall

Preese Hall is the only well to have been fracked.

A DECC review stated that the hydraulic fracturing of this well caused:

- 50 small seismic events,
- the largest 2 tremors were of magnitude 1.5 and 2.3 and were felt locally,
- the 2.3 tremor caused damage to the well itself.

The DECC review confirms that the well was deformed into an oval cross-section over several hundred feet. Due to this damage the well cannot be used again. The whole site has since been abandoned.

What was in the Preese Hall Flowback?

The shale was fracked using sand, water and chemicals, and some of this fracking fluid returned to the surface, along with the newly released gas.

It should be noted that the fluid picked up radioactivity and heavy metals from the shale. An analysis by the Environment Agency shows that the flowback was far more toxic than the fracking fluid that was pumped in.

"The EA analysis of Preese Hall flowback fluid shows concentrations compared to tap water:

- Lead x 1438
- Cadmium x 150
- Bromide x 2297
- Chromium x 636
- Aluminium x 197
- Arsenic x 20
- Levels of Radioactivity at up to 90 Bq/l"

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