

THE WEEKLY PROFIT

FROM THE SACRIFICE ZONE

Sue Gilbert
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Without prejudice

30th October, 2018



**Protected by
GOLD STANDARD
REGULATION**

‘More Like Fools Gold than Gold Standard’ FOE

The regulations that would govern fracking were created for the **conventional** oil and gas industry, not fracking, despite the very different – and in the UK, untried – technology that would be used. An important paper called **‘Fracking – Minding the Gaps’** by Joanne Hawkins in the Environmental Law Review has examined the current legislation in detail, and concludes:

“These controls were designed pre-fracking and their application leaves a number of gaps, which may risk harm to human health and/or damage to the environment. Under the current regulatory system, the uncertainty and risk associated with fracking is not justifiable.”

Friends of The Earth

BBC News 15.10.2018

The chief executive of Cuadrilla Resources says he can "absolutely" guarantee that there will not be another earthquake as a result of fracking for natural gas.

What happened Mr Clark and Ms Perry?

Earthquake number 6

Drill or Drop?

Amber-level tremor while fracking at Cuadrilla’s shale site

BY [RUTH HAYHURST](#) ON [OCTOBER 23, 2018](#) ·

Cuadrilla has confirmed there was a 0.4 magnitude earth tremor while it was fracking at its Preston New Road shale gas site this afternoon.

This is an amber event under the seismic regulations, called the traffic light system. At this level, operators should proceed at caution.

The company said it had stopped fracking for the day.

The tremor is the sixth in a week reported by the British Geological Survey in a series of seismic events near the fracking site.

The tremor measured only 0.4 magnitude and was too small to be felt at the surface. But it is the largest of the tremors so far. And it is the first that we know happened while fracking was taking place.

Under the seismic rules, fracturing should stop immediately if there is seismic activity measure 0.5M or more.

Do you feel this is a good start Mr Clark? Ms Perry?

Please supply a list of the Gold Standard regulations that specifically apply to fracking.

Please send directly to my MP Mr Dennis Skinner, he will forward them on. Thank you both.

So what precisely is supposed to happen if an earthquake registers 0.5m with the British Geological Survey?

Oh No! A 0.5m earthquake has been recorded by the British Geological Survey – what are Cuadrilla going to do?

Then what happened?

Earthquake number 7

Drill or Drop?

More tremors at Cuadrilla's shale gas site after fracking finishes for the day

BY [RUTH HAYHURST](#) ON [OCTOBER 24, 2018](#) •

The British Geological Survey has reported a 0.5 magnitude earth tremor this afternoon near Cuadrilla's fracking site on the edge of Blackpool. There was also a 0.4M tremor and two micro-seismic events.

Although too small to notice on the ground, the 0.5M event is the largest so far recorded in a series at the site since fracking began earlier this month.

Cuadrilla said the 0.5M tremor did not count as a red seismic event under the government's traffic light system for monitoring seismicity. This would have required the company to stop fracking, carry out checks on the well and inform the regulators.

A Cuadrilla spokesperson told DrillOrDrop the event actually measured 0.48M and had been rounded-up by the British Geological Survey. He said the company was also not fracking at the time of the tremor. Fracking planned for tomorrow is expected to go ahead, he said.

I see, it was ONLY 0.48m, The British Geological Survey had rounded the figure up to 0.5m.

The journal Science published a paper called "[Fault activation by hydraulic fracturing in western Canada](#)" which proves that fault lines can be induced into earthquakes through fracturing processes. [Steemit.com](#)

This study is good news. At first the fracking industry denied, saying there was no "proof" that what they were doing was the reason for increased earthquake activity. But a meeting in Rio, Nevada where over 700 seismologists from 20 countries met in April, **no one was denying it.**



When will fracking be banned?

Updated: Cuadrilla warned over another environmental breach at Lancashire fracking site

BY [RUTH HAYHURST](#) ON [AUGUST 14, 2018](#)

Key issues included:

- Drill cuttings not separated from drilling mud, in breach of the WMP
- Waste space fluid and suspension brine not collected separately, in breach of WMP
- Waste stored on at least 22 occasions at an unpermitted site longer than was acceptable
- Waste transported by an unlicensed sub-contractor
- Waste not accurately described
- Information on paperwork confused, missing or invalidated
- No explanation in consignment and waste transfer notes of unexpectedly high water level in extractive waste

GOLD STANDARD REGULATIONS?

METRO

Fracking halted again in Lancashire after 17th earthquake in 9 days

Jane Wharton Friday 26 Oct 2018 2:36 pm

It is the **17th earthquake in 9 days** and has officially been classed as a **'red event.'** The latest – and biggest – tremor happened this morning on land where energy firm Cuadrilla is drilling for shale gas.

Read more: <https://metro.co.uk/2018/10/26/fracking-halted-again-in-lancashire-after-17th-earthquake-in-9-days-8078374/?ito=cshare>
Twitter: <https://twitter.com/MetroUK> | Facebook: <https://www.facebook.com/MetroUK/>

Fracking will surely be banned??

Fracking causes earthquakes according to

700 seismologists from 20 countries.

<http://www.davidsmythe.org/frackland/>

There may be trouble ahead

Posted on 22nd October 2018 by [Professor David Smythe](#)

May I suggest that both yourself, Mr Clark and Ms Perry read the report I have given the link to above.

There are a series of questions at the end of the report

One questioner asked

How much of this essential information do you think Claire Perry and others in Government are aware of?

Professor Smythes' reply

Precious little, because the government relies solely on what industry chooses to tell it. Independent experts such as myself are ignored. Even former pro-fracking academics such as Professor Peter Styles and Professor Richard Selley, who are now opposing certain aspects of unconventional fossil fuel exploration, and who in the past have had the ear of government, are now ignored.



Why are once trusted experts now being ignored?

TALK FRACKING TAKES NEW FRACKING EARTHQUAKE REPORT TO PARLIAMENT

[HTTP://WWW.TALKFRACKING.ORG/SLIDER-3/TALK-FRACKING-TAKES-NEW-FRACKING-EARTHQUAKE-REPORT-TO-PARLIAMENT/](http://www.talkfracking.org/slider-3/talk-fracking-takes-new-fracking-earthquake-report-to-parliament/)

Previous Coal Mining Areas Should Not Be Fracked

Professor Styles' analysis shows that up to half of England's license areas for fracking operations could trigger serious earthquakes, specifically, fracking within former coal mining areas. Professor Styles suggests that historical coal mining data has been overlooked or worse, ignored. The probability of induced seismicity on faults that have already seen geological movement from coal mining has not been implemented by fracking companies or regulators.

Recommendations

In his report, **Professor Styles** has called for the government to immediately adopt his best practice recommendations: planning applications for any fracking sites should include all available, high-resolution and carefully mapped data.

His call also urges the government to immediately act on implementing the recommended safety points into the National Planning Policy Framework on fracking applications:

- A 500-metre buffer zone be implemented between former mine workings and current and future energy extraction technologies (based on the 2004 recommendations)
- An 850-metre buffer zone between fracking operations and any significant natural fractures or faults (based on the 2015 and 2018 recommendations)

Additionally, **Professor Styles** has expressed doubts over the industry's technical capability of identifying existing faults or fractures that are likely to lead to seismic events. He believes that the seismic surveying equipment used by the fracking industry is incapable of detecting all faults. Equipment with a 5X greater magnification ability is needed.

Historic mining data shows accurate locations of fault lines that are capable of triggering earthquakes over a 0.5 magnitude: under current regulations, these would shut down fracking operations. He stated:

“Unfortunately, the physics of it means you cannot see those faults with the (survey) waves that you put into the earth.

“To date, it does not appear that any proper industry or government due diligence has taken place with regards to fault lines mapped.”

“We have forgotten about mining. Mining has not forgotten about us.”

MARKHAM PIT: The day a community fell silent

Markham Pit disaster from 1973 - Derbyshire Times



We had friends and family involved in this. We have not forgotten mining.

I remind you once again of The Conservative Code Of Conduct.

1. Selflessness – Holders of public office should act **solely in terms of the public interest.**



END THE MADNESS
BAN FRACKING