

Keeping you informed

Operations at Third Energy's KM8 well

Update 2, November 2017

On site checks

Over the past few weeks our officers have inspected the operations at Third Energy's KM8 well to check compliance with permit conditions.

They checked that the below ground micro-seismic monitoring equipment is suitable. This measures the growth of fractures in the rock to check that there is no risk of contaminating water.

We carried out a joint inspection with the Health & Safety Executive between 8 -10 November to ensure that Third Energy and their contractors have the required processes and systems in place before they start operations. We have established that:

- equipment being used on site met permit requirements
- chemicals on site were in line with the permit conditions
- the well operator has an emergency response plan in place
- the well operator had plans and procedures in place to pressure test all the iron pipe and associated fluid containment elements. Some of the tests were performed during the inspection visit
- there was a check list in place to ensure integrity of the fluid containment elements prior to operations commencing
- well integrity monitoring met regulatory requirements
- monitoring techniques and records met permit conditions

We didn't record any non-compliances, but we have asked the operator to refine management procedures to ensure that information is recorded accurately, in line with the permit, before work starts.



Environment Agency staff on site in November

During an unannounced site visit in October, we identified two minor permit non-compliances relating to procedures and paperwork. These had no physical impact on the environment. We are now confident, following further visits, that the company has resolved these satisfactorily.

Our staff will continue to carry out regular on-site checks to ensure that the company is meeting the high standards we require.

For more information visit our Citizen Space page

<https://consult.environment-agency.gov.uk/onshore-oil-and-gas/third-energy-kirby-misperton-information-page/>



What we are doing next

During the first fracturing operations we will have a number of regulatory officers on site.

- We will continue to check compliance with all permit conditions
- We will continue to review data on air quality, seismicity and groundwater
- We will provide another update for the community soon

Environmental monitoring

Operations at Third Energy's site are subject to a comprehensive suite of environmental monitoring, covering air quality, water quality and seismic activity. As well as monitoring by the company, there is independent monitoring from the British Geological Survey (BGS) and York University. Raw data from the BGS monitoring is available for viewing on the BGS website. The Environment Agency has an air quality monitoring facility on site and Public Health England is continuing their study on radon.

As part of ongoing site regulation, the Environment Agency will review relevant monitoring data.

The results from the air quality monitoring equipment are specific to the site. Due to dispersion in the air (reducing substance concentrations) the results will not be reflective of air quality conditions at Kirby Misperton village and the surrounding area. Ryedale Council is responsible for ensuring compliance against national air quality standards and objectives for ambient air quality.

As hydraulic fracturing operations start, the company will also issue daily operation reports to the regulators. These will be made available online on Citizen Space.



Environment Agency

The Environment Agency runs a 24-hour incident hotline. You can use this number to tell us if the site is causing pollution. Our hotline number is **0800 807060**

North Yorkshire County Council

To report issues relating to compliance with planning conditions including traffic, noise, dust and light pollution please e-mail the team at km8application@northyorks.gov.uk.

Ryedale District Council

Environmental Health Officers can be contacted at specialistenvironment@ryedale.gov.uk

Health and Safety Executive

Safety on the drilling site, including well integrity. They can be contacted at <http://www.hse.gov.uk/contact/concerns.htm>

Oil and Gas Authority

Regulate seismic risks from hydraulic fracturing. They can be contacted at oga.correspondence@ogauthority.co.uk.

Public Health England

Public Health England work with North Yorkshire County Councils public health team. shale.gas@phe.gov.uk

It is important that you also feel that you are able to contact the operator to report issues directly.

Third Energy can be reached on 01944 758746. The number is staffed 24 hours a day.