

Dear resident,

INEOS Shale is the division within INEOS Upstream Limited dedicated to exploring for gas within the shale layer of rock some 2,000 to 5,000 metres deep underground. With extensive licence interests across North and South Yorkshire, the East Midlands and Cheshire we are now ready to move into an operational exploration drilling phase.

INEOS is a global manufacturer of petrochemicals, speciality chemicals and oil products. Headquartered in the UK, we are one of the UK's largest manufacturing businesses, employing 4,000 people across seven sites including large sites at Grangemouth, Runcorn and Teesside. Our businesses produce the raw materials that are essential in the manufacture of a wide variety of goods: from paints to plastics, textiles to technology, and medicines to mobile phones – chemicals manufactured by INEOS enhance almost every aspect of modern life. We already supply UK homes and businesses with gas from our North Sea production assets.

We have identified a potential drilling site on land adjacent to Common Road, located approximately 0.7 km to the east of Harthill, Rotherham. We would like to evaluate the underground geology by drilling a vertical well and taking samples of the rocks for laboratory analysis. We are not planning to hydraulically fracture this well. A full planning application will follow in due course. Further information is outlined overleaf.

We have submitted an Environmental Screening Report on the proposed development to Rotherham Metropolitan Borough Council and we anticipate submitting a formal Planning Application in the near future.

Before we submit the Planning Application we wish to hear your views and answer any questions you may have. Accordingly we invite members of your household to a public drop-in exhibition.

Members of our team will be available throughout the event.

Venue: **Harthill Village Hall**

Date: **11 May 2017**

Address: **Village Hall, Winney Hill, Harthill, S26 7YL**

Time: **Between 14:00 and 19:30**

In the meantime please see our website www.ineosshale.com for information about us and shale gas extraction.

To contact INEOS Shale:

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Purpose of well:

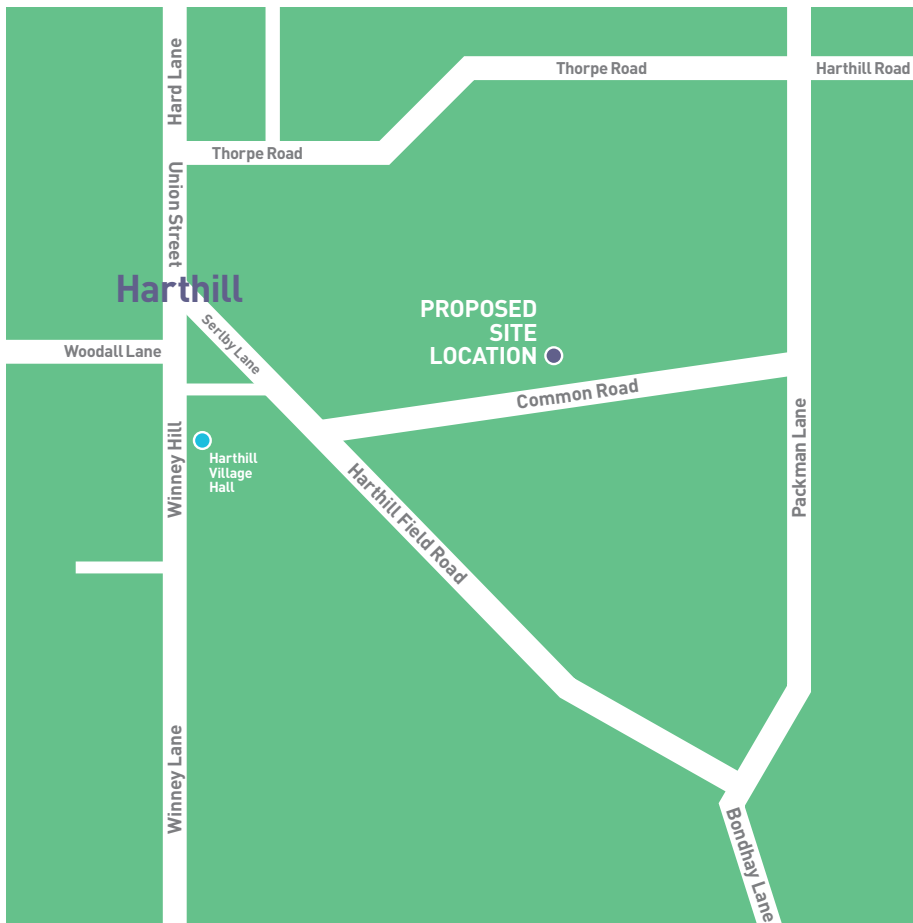
This vertical well will be drilled to a depth of c.2,800 metres and has been designed to extract “core” samples of the rocks for laboratory analysis to identify their geological characteristics and gas-producing properties. A pressure transient test (PTT) will be undertaken following drilling to establish whether the target zone is over pressured (encouraging for shale gas extraction) or under pressured (less encouraging for shale gas extraction). No flow testing of the well would be undertaken. The well will be retained for technical and safety reasons as a “listening well” if a well elsewhere is hydraulically fractured.

Transport route:

The proposed traffic route from the M1 (J30) will be A616, A619, Bondhay Lane, Packman Lane and Common Road.

Expected duration:

Site construction and rig assembly will take up to three months. Drilling, coring and the PTT will take up to five months with the drilling and coring being a three month 24-hours-a-day operation. Well suspension and rig removal will take up to one month.



Core sample

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