

Environment Agency – Keeping You Informed

Wressle 1 Onshore Oil and Gas Well Site,
Lodge Farm, Clapp Gate, Broughton & Appleby, Scunthorpe, North Lincolnshire DN15 0DB

Operated by Egdon Resources (UK) Ltd

Who are we?

- We are the Environment Agency and are responsible for regulating major industry, waste and managing water quality and resources.
- As the environmental regulator, it is our role to ensure that companies run their sites in a way that protects the environment and public health by complying with the Environmental Permits that we issue. If you would like to read more about environmental permits, you can do so here: www.gov.uk/topic/environmental-management/environmental-permits
- We will not issue permits unless a company can demonstrate how it will provide a high level of protection to people and the environment.

If we do issue a permit, it will include strict conditions, which the company must comply with. If a company does not comply, we have a range of enforcement measures available to us and can, if necessary, stop site activities. Enforcement can range from giving advice and guidance, issuing warnings through to considering criminal proceedings. If you would like to read more about our policy, it is available on our website at: www.gov.uk/government/publications/environment-agency-enforcement-and-sanctions-policy

Our partners

We work with a number of partners to make sure oil and gas exploration and production in England is performed safely and in accordance with the relevant regulations.

- Drilling for onshore oil and gas is overseen by the Oil and Gas Authority (OGA). The OGA issues Petroleum Exploration and Development Licences (PEDL) under powers granted by the Petroleum Act 1998. A PEDL gives the right to search for, bore for and get hydrocarbons, but does not grant any exemption from other legal/regulatory requirements. The OGA also regulate seismic risks from fracking through a traffic light monitoring system. www.ogauthority.co.uk
- The local Minerals Planning Authority, in this case North Lincolnshire Council (NLC), grant planning permission for onshore oil and gas sites. www.northlincs.gov.uk

customer service line
03708 506 506

incident hotline
0800 80 70 60

floodline
03459 88 11 88

- Safety at onshore oil and gas sites is regulated by the Health and Safety Executive (HSE). They are responsible for ensuring the appropriate design and construction of a well casing for any oil and gas boreholes. HSE requirements for ensuring well integrity also contribute to mitigating environmental risks. www.hse.gov.uk.
- Public Health England is responsible for reviewing the possible effects of site activities on public health. www.gov.uk/government/organisations/public-health-england

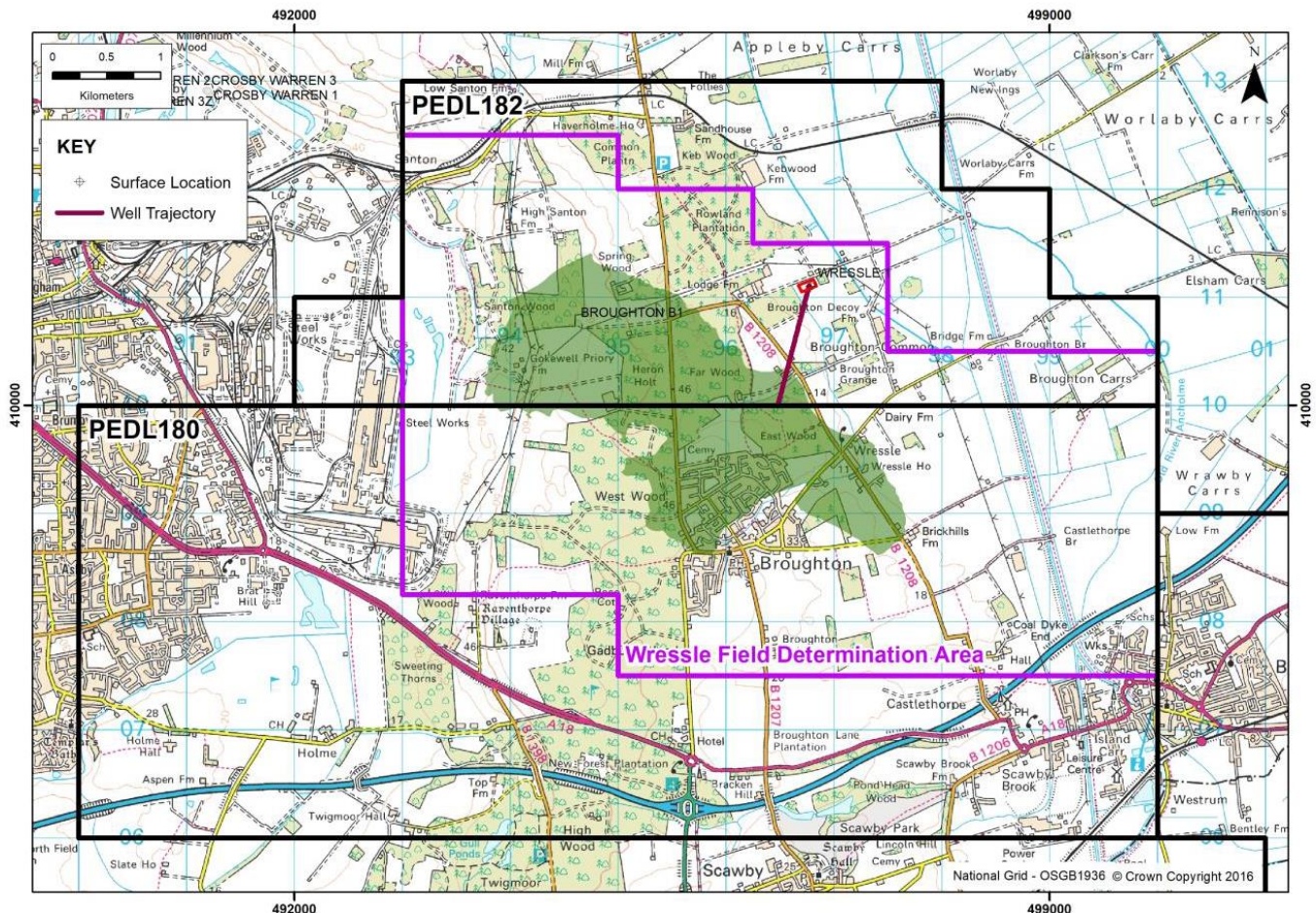
Wressle 1 – What is it?

Wressle 1 is a 2300 metre deep directional oil exploration well that was drilled and tested in 2014 and 2015, respectively by Egdon Resources UK Limited (Egdon). Having gained Planning Permission in January 2019 and previously obtaining an Environmental Permit from the Environment Agency, Egdon have now commenced operations for the commercial production of oil and gas from Wressle 1. The Planning Permission and our Environmental Permit allow Egdon to utilise a number of techniques to get the oil flowing freely from over 1500m below the surface where it was found. This includes creating new holes (perforations) in the steel well casing where the oil is located. It should be noted that Egdon also have outline permission to carry out a small scale hydraulic fracture also known as a ‘proppant squeeze’. However, before this can happen a Hydraulic Fracture Plan (HFP) will need to be approved by us with respect to groundwater protection and the OGA for seismicity risk. It should also be noted that this procedure may not be required if the oil flows readily after the perforating stage. Egdon also have permission to use acid to clean the well but it has already been confirmed by Egdon they will not be using the acid technique in this instance.

Important - Wressle1 is classified as a conventional oil and gas operation. It has not targeted shale deposits and will not be subject to high volume hydraulic fracturing.

Where is it?

The site is located at Lodge Farm, Clapp Gate approximately 2.5 miles north west of Brigg. The plan shows the well trajectory and the oil reservoir that is shown in green. It also shows the historical and existing oil wells of Broughton B1 and the Crosby Warren, respectively.



(Map source: Egdon)

Latest news

Compliance Visits

During the national pandemic, our compliance assessment work and site visits have continued with strict health and safety measures in place.

In September 2019, representatives of Broughton Town Council joined us during a compliance visit. They were able to witness at first-hand the on-site construction works and ask questions of the representatives of Egdon and the Environment Agency. Discussions centred on what activities are going to be conducted, how the site is regulated, the pollution prevention measures that will be in place and also the establishment of a Community Liaison Group (CLG).

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Our most recent inspection was conducted on 7th January 2021, following the arrival of a temporary workover rig that will be used for the initial well maintenance and perforation of the casing.

The Environment Agency would like to assure the public that this rig is not associated with or needed for the proposed proppant squeeze. Final approval for the proppant squeeze has not been given to date by the Oil and Gas Authority or ourselves.

Community Liaison Group

A CLG has been established to keep residents informed with progress at the site. Members will have the opportunity to ask questions and seek expert opinion from Egdon and from regulatory bodies such as the Environment Agency and North Lincolnshire Council. Broughton Town Council have requested that any member of the local community who is interested in joining such a group should contact them (Facebook post 3rd December 2020) in the first instance.

Next update

We will provide our next update in February 2021. If you would like to provide feedback on how useful you found this update or have any questions please email LNenquiries@environment-agency.gov.uk