

Personal Information

From:

Sent:

To:

Personal Information

Cc:

Subject:

Attachments:

Dear

Personal Information

Whilst clearly the County Council is going to be relying on outside technical support in order to verify the well plugging and abandonment, and site restoration costs, I am contacting you to raise my initial concerns regarding the brevity of the submission you have made, a copy of which is attached.

In terms of the costs involved, the attached document provides little more information than what you provided me in a telephone conversation which, from recollection, we had approximately one week after the meeting of Planning and Licensing Committee on 15 November. Taking the plugging and abandonment section of the attached document as an example, I would expect any technical support we engage to require the following information as a minimum in order to verify the size of the restoration bond required:

Requirements for plug and abandoning wells:

- *Small Rig mobilisation and demobilisation – to include rig, equipment, transport, crew*
What rig is required; what are the hire costs (details of how long it would be required would be relevant); where would the rig come from (in order to confirm the transport costs); what other equipment would be required; what are the labour costs based on the size of crew required to mobilise and demobilise the rig and the length of time it would take to mobilise and demobilise the rig.
- *Tubing*
Forgive my ignorance, but what is the tubing, what is it required for, how much is required, how much does it cost per unit/length.
- *Services as applicable to hole condition at the time of abandonment*
Further details required regarding the services required and the costs of providing these services.
- *Personnel to manage operations*
How many personnel would be required to manage the plugging and abandonment operations and how long would these operations take to complete.
- *Ancillary plant and equipment – cranes, vacuum tankers, lights, etc*
Details of what exactly is required, what their hire costs are and how long they would be required on site.
- *Cementing – services, crews, pump trucks, materials as required*
Again, details of all these aspects are required, including the amount of cement likely to be required and cost per unit.

As part of the County Council's invitation to tender on this matter, we have included the need to give an overview of the details submitted by IGas and, where the submitted details are considered to be insufficient, to request additional details and clarification. Based on the information you have provided in the attached, I consider it highly likely that this would be the case and so, in order that the process is not unduly delayed, I am giving you the opportunity to revisit these details now before we forward them for technical appraisal, and to provide far more

details on costings than have so far been provided. Ideally, what I was expecting from you was the equivalent details that IGas would receive if it was going out to tender on this project.

The County Council needs as much certainty as possible on the size of the restoration bond before the legal agreement can be signed off and, at present, I do not consider that the attached document provides sufficient detail in this respect.

Please do not hesitate to contact me should you wish to discuss this matter further.

Regards.

Jonathan.

Jonathan Smith
Interim Team Manager, Planning Policy
Nottinghamshire County Council

From: Personal Information@heatonplanning.co.uk]
Sent: 08 December 2016 14:44
To: Oliver Meek <oliver.meek@nottscc.gov.uk>; Jonathan Smith <jonathan.smith@nottscc.gov.uk>
Cc: Personal Information@igasplc.com>
Subject: Breakdown of costs for abandonment and restoration of exploratory boreholes at Springs Road, Misson

Dear Oliver, Jonathan,

Please find attached breakdown of costs for the abandonment and restoration of land at Springs Road, Misson.

Given that it is now over three weeks since the committee meeting I look forward to receiving the draft legal agreement in the very near future.

Kind regards,

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Heaton Planning Ltd
9 The Square, Keyworth, Nottingham, NG12 5JT.

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www.heatonplanning.co.uk

Heaton Planning



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www.avast.com

Abandonment, Decommissioning and Restoration

This report sets out the abandonment, decommissioning and restoration of the site and provides budgeted figures for the vertical and horizontal wells and the restoration of the site upon the successful abandonment and decommissioning. It is considered that an insurance policy for 12(5)(f) 12(5)(e) is appropriate to provide a financial guarantee for the abandonment and decommissioning of a vertical well and horizontal well and restoration to existing land use at land off Springs Road, Misson.

Abandonment and Decommissioning

At the decommissioning phase, all plant will be shut down and any services such as telecommunications, power, water supplies and other buried pipelines shall be severed and made safe.

The wellheads and any surface valve arrangements will be removed and the well will be plugged and abandoned in accordance with OGA, HSE, Environment Agency and industry (Oil and Gas UK) requirements.

Abandonment will be undertaken using industry best practice as approved by regulators in advance of undertaking the works (OGA, EA , HSE and Oil & Gas UK Guidelines for the Abandonment of Wells which will be applicable at the time of the actual abandonment (current version Issue 5 July 15).

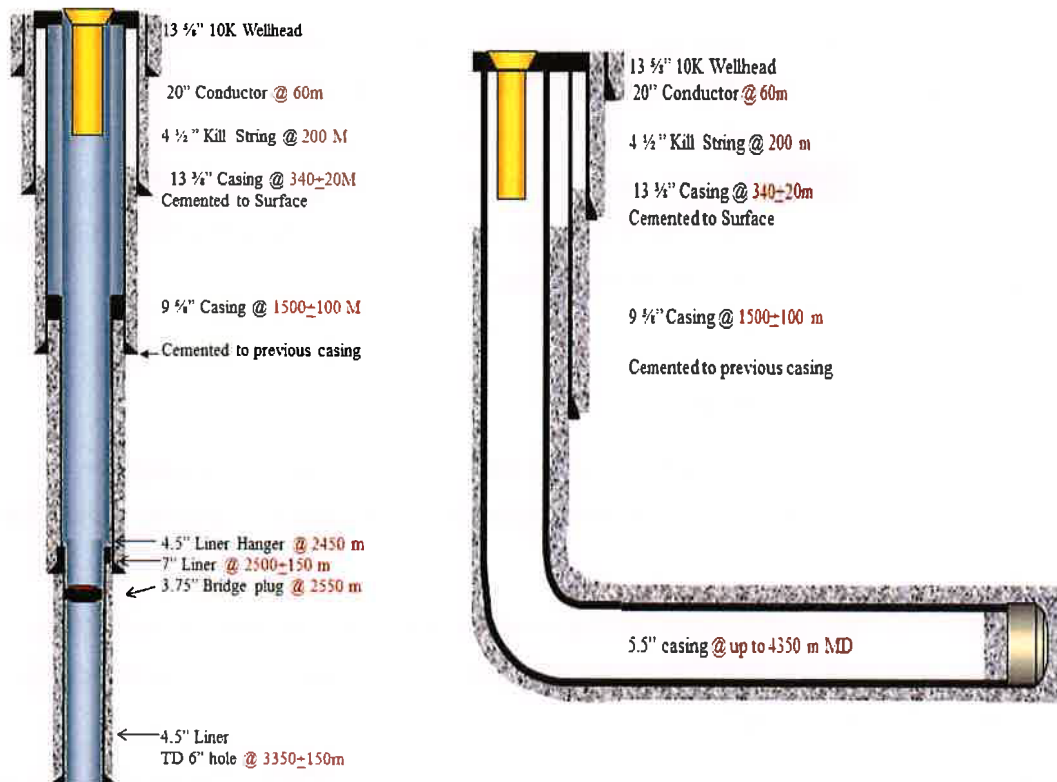
Requirements for plug and abandoning wells:

- Small Rig mobilisation and demobilisation – to include rig, equipment, transport, crew;
- Tubing;
- Services as applicable to hole condition at the time of abandonment;
- Personnel to manage operations;
- Ancillary plant and equipment – cranes, vacuum tankers, lights, etc; and,
- Cementing – services, crews, pump trucks, materials as required

Requirements for Vertical Well up to 12(5)(f) 12(5)(e)

Requirements for Horizontal Well up to 12(5)(f) 12(5)(e)

Preliminary Drawings of wells (actual after drilling)



Restoration

All construction materials, services below the geotextile membranes and remaining on-site infrastructure (site offices, security and fencing / gates) will all be removed from the site to be reused, recycled or disposed of at a suitably permitted waste disposal facility.

The wellsite area will then be restored to its original condition.

During restoration, appropriate measures will be taken to prevent mud and other deleterious material being deposited on the public highway by vehicles exiting the Site.

An after-care scheme is not proposed – as it is intended that the Site will resume its use as part of the existing commercial business premises following restoration.

Based on restoration experiences throughout the UK including over 70 sites within the East Midlands area a conservative budget figure for the site restoration 12(5)(f) 12(5)(e) is proposed.