

FOI 20147

Annex A

All correspondence between OUGO and UKOOG from 1 July 2014 to 30 January 2015

From: REDACTION - REG(13)(1) & S.40(Energy Development)
Sent: 13 January 2015 17:30
To: 'Ken Cronin'
Subject: RE: Industry Activity

[REDACTION – REG (13)1 & S.40.] Are you around for a coffee next week? They have recruited someone within DECC who is handing over with me next week and starting the week after so there will be a continuation of service! I'll make sure he puts a coffee in with you pretty soon after he arrives.

REDACTION REG13(1) & S.40

REDACTION REG 13(1)1 & S.40 | ☎ tel REDACTION REG(13)1) & S.40 | ☎ mob REDACTION REG.13(1) & S.40

From: Ken Cronin [[mailto:REDACTION REG13\(1\) & S.40@ukoog.org.uk](mailto:REDACTION REG13(1) & S.40@ukoog.org.uk)]
Sent: 12 January 2015 17:14
To: REDACTION REG 13(1) & S.40 (Energy Development); REDACTION REG 13(1) & S.40
Subject: RE: Industry Activity

I told you so

I think you should go to the following operators

Third (Yorkshire)
Ineos (Scotland)
Igas (North West and East Midlands)

If you are looking at conventional I would include:

Rathlin (Yorkshire)
Celtique (Weald)
Egdon (East Midlands)
Horse Hill (Weald)

Hope to see you before you go – who is taking over?

Regards

Ken

From: REDACTION REG.13(1) & S.40 (Energy Development) [[mailto:REDCATION REG.13\(1\) & S.40@decc.gsi.gov.uk](mailto:REDCATION REG.13(1) & S.40@decc.gsi.gov.uk)]
Sent: 12 January 2015 15:40
To: REDACTION REG 13(1) & S.40
Cc: Ken Cronin
Subject: RE: Industry Activity

REDACTION REG.13(1) & S.40

Thanks. I have discussed with Cross-Whitehall colleagues and what we really need in order to deploy resources effectively, for example into planning authorities is to actually understand where development might be. It just needs to be a v short list of areas of focus for FY 15/16. Is this perhaps something I should get from the operators?

Also just to let you and Ken know my last working day before going on maternity leave is 23 Jan so only a few weeks to go! (REDACTION REG.13(1) & S.40) saying I told you so ...)

REDACTION REG.13(1) & S.40

REDACTION REG.13(1)& S.40 | ☎ tel REDACTION REG.13(1) & S.40
| ☎ mob REDACTION REG.13(1) & S.40

From: REDACTION REG.13(1) & S.40
(Energy Development) [[mailto: REDACTION REG.13\(1\) & S.40@decc.gsi.gov.uk](mailto:REDACTION REG.13(1) & S.40@decc.gsi.gov.uk)]
Sent: 06 January 2015 10:28
To: REDACTION REG.13(1) & S.40
Cc: Ken Cronin
Subject: RE: Industry Activity

Hi REDACTION REG.13(1) & S.40

Hope you're well and had a good break. I was just wondering if you had anything further on the below? I'm really keen to get the second doc this week as work is progressing.

Thanks,

REDACTION REG.13(1) & S.40

REDACTION REG.13(1) & S.40 | ☎ tel + REDACTION REG.13(1) & S.40
| ☎ mob + REDACTION REG.13(1) & S.40

From: REDACTION REG.13(1) & S.40 (Energy Development)
Sent: 09 December 2014 16:51
To: REDACTION REG.13(1) & S.40@ukoog.org.uk
Cc: REDACTION REG.13(1) & S.40 @ukoog.org.uk
Subject: Industry Activity

Hi REDACTION REG.13(1) & S.40

Last week we discussed pulling together a couple of docs that would help us when dealing with enquiries about what activity there is and to plan engagement going forward, including in light of the Autumn Statement.

On the first doc, I have pulled together the below. I'm not sure there's anything more we can say on activity beyond what I have included. It needs to be something that we can share with the public and press so I have been careful only to include information that is available publicly. Grateful for your thoughts.

On the second doc, I think we need to cover three areas:

- Live applications;
- Applications which we know will be coming in 2015/2016;
- Companies that will be starting pre application engagement in 2015/2016;
- Any other company plans we should be aware of.

This document would be for internal HMG use only and I am fully aware of the commercially confidential nature of it. We discussed that coming through you would be best, rather than going to individual operators. It would be really great to have this first week of Jan if poss; I am in the process of taking forward AS work and this timing would fit with that.

I would be happy to discuss.

Thanks,

REDACTION REG.13(1) & S.40

REDACTION REG 12(4)d



Department
of Energy &
Climate Change

REDACTED REG 13(1) & S.40 | REDACTED REG. 13(1) & S.40, Office
for Unconventional Gas and Oil
3 Whitehall Place | London | SW1A 2AW
tel REDACTED REG.13(1) & S.40 | mob REDACTED (REG.13(1) & S.40

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 17 November 2014 14:36
To: 'Ken Cronin'
Subject: RE: Follow up

Can't get thru..

REDACTION REG. 13(1) & s.40 | ☎ tel + **REDACTION REG. 13(1) & s.40** | ☎ mob +
REDACTION REG. 13(1) & s.40

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 17 November 2014 09:39
To: Ken Cronin
Subject: RE: Follow up

Yep I'll call you.

REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40 | (tel + **REDACTION REG. 13(1) & s.40** |(mob +
REDACTION REG. 13(1) & s.40

Sent from my Windows Phone

From: Ken Cronin
Sent: 17/11/2014 09:38
To: **REDACTION REG. 13(1) & s.40** (Energy Development)
Subject: RE: Follow up

Bout 230?

From: **REDACTION REG. 13(1) & s.40** (Energy Development) [[mailto: REDACTION REG. 13\(1\) & s.40 @decc.qsi.gov.uk](mailto:REDACTION REG. 13(1) & s.40 @decc.qsi.gov.uk)]
Sent: 17 November 2014 09:36
To: Ken Cronin
Subject: RE: Follow up

Yes that's fine. What time is good for you?

REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40 | (tel + **REDACTION REG. 13(1) & s.40** |(mob +
REDACTION REG. 13(1) & s.40

Sent from my Windows Phone

From: Ken Cronin
Sent: 17/11/2014 08:58
To: REDACTION REG. 13(1) & s.40 (Energy Development)
Cc: REDACTION REG. 13(1) & s.40 - HMT
Subject: Follow up

REDACTION REG. 13(1) & s.40

Could I follow up with you at some point today about our discussions as there are a couple of things we probably need to put in place now in order to meet certain deadlines

I am on leave with no signal but can make a certain time

Let me know

Ken

From: Ken Cronin [mailto:REDACTION REG 13(1) & S.40 @ukoog.org.uk]
Sent: 07 January 2015 14:07
To: REDACTION REG 13(1) & s.40 (Energy Development)
Subject: Annual report

REDACTION REG 13(1) & s.40

To confirm we would be happy to include in any annual reporting we do a list of sites that have produced an eia

Regards

Ken

Sent from my iPad

From: REDACTION REG 13(1) & s.40 (Energy Development)
Sent: 05 January 2015 15:19
To: ' REDACTION REG 13(1) & s.40
Subject: RE: UKOOG's commitment on EIAs

REDACTION REG 13(1) & s.40

Thanks for the clarification – and the speedy response. While the annual report isn't automatically going to disclose this, would it be possible make it part of report? From our point of view it seems like something that could be easily included and would answer follow up questions about who has completed EIA's upfront. Transparency will help reinforce the commitment.

Happy to discuss over the phone if easier.

REDACTION REG 13(1) & s.40



REDACTION REG 13(1) & s.40

REDACTION REG 13(1) & s.40, Office for Unconventional Gas and Oil

E: **REDACTION REG 13(1) & s.40** [@decc.gsi.gov.uk](mailto:decc.gsi.gov.uk) M:

REDACTION REG 13(1) & s.40 T: **REDACTION REG 13(1) & s.40**

Follow us on [Twitter.com/DECCgovuk](https://twitter.com/DECCgovuk)

From: **REDACTION REG 13(1) & s.40** [[mailto:REDACTION REG 13\(1\) & s.40@ukoog.org.uk](mailto:REDACTION REG 13(1) & s.40@ukoog.org.uk)]

Sent: 05 January 2015 14:23

To: **REDACTION REG 13(1) & s.40**
(Energy Development)

Subject: RE: UKOOG's commitment on EIAs

Importance: High

REDACTION REG 13(1) & s.40

The exact wording to the industries commitment to undertake a voluntary EIA for exploration wells is as follows: 'The Industry will carry out an EIA for all exploration wells that involve hydraulic fracturing, the scope of which should be agreed with the mineral planning authority'. (I attach my earlier email with the various links).

Reporting would be directly linked with the planning application process, whereby the scope and specific role of the 'voluntary EIA' would be determined through local agreement with the MPA – This would mean that any material pertaining to the Voluntary EIA would be disclosed with the planning documentation available through the normal routes. This logically keeps the disclosure of information relating to planning within the established framework.

UKOOG also publishes an annual report which identifies the number of planning consents granted each year. This would not necessarily breakdown the number of applications by conventional/unconventional etc and therefore not act as a catch-all for disclosing a long-list of voluntary EIAs.

Hope this provides clarity.

REDACTION REG 13(1) & s.40

REDACTION REG 13(1) & s.40

UKOOG

REDACTION REG 13(1) & s.40

www.ukoog.org.uk

From: REDACTION REG 13(1) & s.40 [mailto: REDACTION REG 13(1) & s.40@ukoog.org.uk]
Sent: 16 October 2014 14:15
To: REDACTION REG 13(1) & s.40 (Energy Development)
Cc: REDACTION REG 13(1) & s.40
Subject: Industries EIA commitment for Shale
Importance: High

REDACTION REG 13(1) & s.40

Specific commitment from the industry to EIA:

The commitment to undertake EIAs was made verbally in 2013 and formalised in January 2014 – the link is as follows: (Importantly this is ‘per planning application’ – so it could be one well or a group of wells “a site” of varied size).

<http://www.ukoog.org.uk/about-ukoog/press-releases/66-how-to-engage-with-shale-gas-hydraulic-fracturing-planning-and-permitting>

In UKOOGs shale gas well guidelines the specific wording is as follows:

“4.7.3. The Town and Country Planning (Environmental Impact Assessment) Regulations 2011 and The Town and Country Planning (Environmental Impact Assessment) (Scotland) Regulations 2011

These regulations apply to England and Scotland respectively. There are differences which apply to Wales and Northern Ireland, although the regulations are substantially the same. In Scotland these Regulations are supported by the “Planning Circular 3 2011”: <http://www.scotland.gov.uk/Resource/Doc/350238/0117228.pdf>

The regulations set out the types of development which must be accompanied by an Environmental Impact Assessment (EIA) and the manner in which such a statement should be constructed and matters to be included. The EIA can be seen as a technique for the systematic compilation of expert quantitative analysis and assessment of a project’s environmental effects, and the presentation of results in a way which enables the importance of the predicted results, and the scope for modifying and mitigating them, to be properly evaluated by the relevant decision-making body before a planning application decision is taken. The regulations apply to two separate lists of development projects.

1. ‘Schedule 1 development’, for which EIA is compulsory.
2. ‘Schedule 2 development’, for which EIA is required if the particular project is considered likely to give rise to significant effects on the environment by virtue of factors such as its nature, size, or location or to development located wholly or partly in a ‘sensitive area’.

The majority of exploration and appraisal boreholes fall under Schedule 2, 'Deep drilling' with thresholds and criteria set at one hectare for the surface installations, including screen bunds and the like, unless the development would likely have significant effect on the environment as described above. 'Sensitive areas' are defined to include SSSIs, National Parks, Areas of Outstanding Natural Beauty, Scheduled Monuments, World Heritage Sites and European Sites. In addition, in Scotland, 'sensitive areas' include Land subject to Nature Conservation Orders, International Conservation Sites, and National Scenic Areas.

In order to identify whether or not a proposal is a 'Schedule 2 development', an applicant may apply to the MPA (planning authority in Scotland) for a screening opinion as to whether the development is to be subject to an EIA. If the applicant fails to apply for such an opinion and the MPA (planning authority in Scotland) fail to screen the proposal, a subsequent grant of planning permission could be challenged within the time allowed and squashed if found to be successful. For this reason it is strongly advised that all such developments are screened before a planning application is made. If an applicant decides that a proposal is a 'Schedule 2 Development' or if a screening opinion is issued to the effect that a proposal is an EIA development, the authority may, or in the case of a request to do so under paragraph 10 of the Regulations, shall give an opinion as to the information to be provided in the environmental statement. The opinion is called a 'Scoping Opinion'."

Link to Shale gas well guidelines:

<http://www.ukoog.org.uk/images/ukoog/pdfs/ShaleGasWellGuidelines.pdf>

Regarding your second point on pad size. Will respond on this shortly.

REDACTION REG 13(1) & s.40

REDACTION REG 13(1) & s.40

UKOOG – Executive Director

REDACTION REG 13(1) & s.40

www.ukoog.org.uk

UKOOG United Kingdom
Onshore Oil and Gas

From: REDACTION REG 13(1) & s.40 (Energy Development) [mailto: REDACTION REG 13(1) & s.40 @decc.gsi.gov.uk]
Sent: 05 January 2015 13:00
To: REDACTION REG 13(1) & s.40
Subject: UKOOG's commitment on EIAs

REDACTION REG 13(1) & s.40

I'm hoping to establish exactly what UKOOG/the industry has committed to on voluntary EIAs. Will you be reporting annually on the commitment to voluntarily conduct EIAs for all fracked sites?

As discussed we would like to be clear what the situation is for the upcoming Infrastructure Bill debates. It would be helpful to clarify today if possible.

Thanks,

REDACTION REG 13(1) & s.40



Department
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REDACTION REG 13(1) & s.40

REDACTION REG 13(1) & s.40, Office for Unconventional Gas and Oil

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From: REDACTION REG 13(1) & s.40 [mailto: REDACTION REG 13(1) & s.40 @ukoog.org.uk]

Sent: 17 December 2014 15:24

To: REDACTION REG 13(1) & s.40 (Energy Development); REDACTION REG 13(1) & s.40 (Energy Development)

Cc: REDACTION REG 13(1) & s.40; REDACTION REG 13(1) & s.40

Subject: Disclosure meeting tomorrow

REDACTION REG 13(1) & s.40

Please see list of attendees for meeting tomorrow

REDACTION REG 13(1) & s.40 - PSSL
REDACTION REG 13(1) & s.40 - Cuadrilla
REDACTION REG 13(1) & s.40 - Centrica
REDACTION REG 13(1) & s.40 - IGAS
REDACTION REG 13(1) & s.40 - Celtique
REDACTION REG 13(1) & s.40 - IGAS

REDACTION REG 13(1) & s.40 - IGAS
REDACTION REG 13(1) & s.40 - IGAS
REDACTION REG 13(1) & s.40 - Egdon
REDACTION REG 13(1) & s.40 - IGAS
Ken Cronin - UKOOG
REDACTION REG 13(1) & s.40 - UKOOG
REDACTION REG 13(1) & s.40 - UKOOG
REDACTION REG 13(1) & s.40 - UKOOG

REDACTION REG 13(1) & s.40
UKOOG

From: REDACTION REG. 13(1) & s.40 [mailto:REDACTION REG. 13(1) & s.40@ukoog.org.uk]
Sent: 02 December 2014 13:06
To: REDACTION REG. 13(1) & s.40 (Energy Development)
Subject: A few broken links on DECC part of .gov.

Afternoon REDACTION REG. 13(1) & s.40

This is probably not the top of the urgency list, however a number of members have commented that there are out of date or dead links in a number of places on the .Gov.

A few specifics:

<https://www.gov.uk/government/policies/providing-regulation-and-licensing-of-energy-industries-and-infrastructure/supporting-pages/developing-shale-gas-and-oil-in-the-uk> the following links do not appear to work:

- “The Environment Agency (EA) has announced actions to streamline and simplify the regulation of exploratory activity while maintaining environmental protection” – The links do not appear to go to any
- “Another useful site is the UK Onshore Geophysical Library”

And two links to the planning guidance at the bottom of the page are for archived planning guidance which have been replaced with <http://planningguidance.planningportal.gov.uk/blog/guidance/minerals/planning-for-hydrocarbon-extraction/>

Hope this helps.

REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40
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REDACTION REG. 13(1) & s.40
www.ukoog.org.uk

UKOOG United Kingdom
Onshore Oil and Gas

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 13 November 2014 14:20
To: 'Figueira Duarte (Energy Development)'; REDACTION REG. 13(1) & s.40 (Energy Efficiency Deployment Office); REDACTION REG. 13(1) & s.40 REDACTION REG. 13(1) & s.40 (REDACTION REG. 13(1) & s.40 @local.gov.uk); Ken Cronin (REDACTION REG. 13(1) & s.40@ukoog.org.uk); REDACTION REG. 13(1) & s.40 (Energy Efficiency Deployment Office); REDACTION REG. 13(1) & s.40 ; ' REDACTION REG. 13(1) & s.40'; 'Peter.HID.Brown (REDACTION REG. 13(1) & s.40 @hse.gsi.gov.uk'; ' REDACTION REG. 13(1) & s.40'; ' REDACTION REG. 13(1) & s.40'
Subject: UNDER EMBARGO: Sciencewise report

All,

As the oversight group, I'm sending you the final report by TNS BMRB on the public dialogues on shale gas and oil. Thank you very much for your contributions to the group, it was an incredibly dynamic group and the quality of the debate improved the direction and content of the dialogues. I'm very grateful that you gave up your time as I know you were very busy.

We're expecting it to be published in the next week (although this is still to be finally confirmed) and so I am sending this out under embargo. I'd be grateful if you would not circulate it further until I confirm publication.

I am due to follow up on the future role of the oversight group. If you have a proposal, I would be grateful for your thoughts.

Both attachments – are being withheld under Reg. 12(4)(d)



E - Report DECC



H - 1DECC

UGO final 101114.doEvaluation Report fin:

Very happy to discuss.

Best

REDACTION REG. 13(1) & s.40



Department
of Energy &
Climate Change

REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40, Office for Unconventional Gas and Oil

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From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 13 November 2014 15:22
To: Ken Cronin (REDACTION REG. 13(1) & s.40@ukoog.org.uk)
Subject: Shale gas made simple

Ken,

You asked about today's announcement of a new guide. Please see the links below:
<https://www.gov.uk/government/publications/about-shale-gas-and-hydraulic-fracturing-fracking>
<https://www.flickr.com/photos/deccgovuk/15756364566/>

Best,

REDACTION REG. 13(1) & s.40



REDACTION REG. 13(1) & s.40
REDACTION REG. 13(1) & s.40, Office for Unconventional Gas and Oil
E: **REDACTION REG. 13(1) & s.40@decc.gsi.gov.uk** M: **REDACTION REG. 13(1) & s.40** T: **REDACTION REG. 13(1) & s.40**

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From: REDACTION REG. 13(1) & s.40
(Energy Development)
Sent: 12 August 2014 13:57
To: 'Ken Cronin'
Cc: Figueira Duarte (Energy Development)
Subject: RE:

Ken,

Please see below. It's available here:
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/342427/Wave_10_questionnaire.pdf

Shale gas

The next question is about shale gas. Shale gas is a natural gas found in shale, a non-porous rock which does not allow the gas to escape.

Hydraulic fracturing or "fracking" is a process of pumping water at high pressure into shale to create narrow fractures which allow the gas to be released and captured.

The gas can then be used in the same way as conventional or natural gas.

ASK ALL

Q15a. Before today, how much, if anything, did you know about hydraulic fracturing for shale gas, otherwise known as 'fracking'?

[INVERT ORDER OF RESPONSES 1-4]

1. Knew a lot about it
2. Knew a little about it
3. Aware of it but did not really know what it was
4. Never heard of it

ASK ALL

Q15b. From what you know, or have heard about, extracting **shale gas** to generate the UK's heat and electricity, do you support or oppose its use?

IF SUPPORT: Is that strongly support, or just support?

IF OPPOSE: Is that strongly oppose, or just oppose?

[INVERT ORDER OF STATEMENTS 1-5]

1. Strongly support
2. Support
3. Neither support nor oppose
4. Oppose
5. Strongly oppose
6. Don't know/no opinion

Best,

REDACTION REG. 13(1) & s.40



Department
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REDACTION REG. 13(1) & s.40

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From: Ken Cronin [<mailto:Kcronin@ukoog.org.uk>]

Sent: 12 August 2014 13:32

To: **REDACTION REG. 13(1) & s.40** (Energy Development)

Subject:

REDACTION REG. 13(1) & s.40

Do you have the questions you asked?

From: **REDACTION REG. 13(1) & s.40**

(Energy Development)

Sent: 07 August 2014 16:45

To: ' **REDACTION REG. 13(1) & s.40@ukoog.org.uk**'

Subject: Previous Q&A

C4. Will shale gas production (as against exploration) cause subsidence or earthquakes large enough to cause damage at the surface?

There are no documented cases of shale gas operations, whether exploration or production, causing subsidence or earthquakes large enough to cause damage at the surface (although large

scale re-injection of frac disposal fluids poses a recognised earthquake risk and, if proposed in the UK will be closely scrutinised). Shale gas production does not remove large quantities of rock from underground (by comparison with coal mining where subsidence does occur).

The amount that shale rock changes with the extraction of gas is expected to be almost zero, so compaction and resultant subsidence would not be expected. However, prior to commercial production being approved, samples of the rock will be tested and analysis made to confirm this for the geology and production rates of the particular site identified.

When gas is produced there is a change in the internal (hydrostatic) stress in the formation. This causes the rock to be subjected to an increased and variable overburden load, which can result in compaction of the rock structure, due to an increase in the 'effective stress'. In soft or porous unconsolidated formations where subsidence has been observed, this compaction has resulted from a change of grain packing, pore and bulk volume of the reservoir rock, (for example in the soft chalk of offshore Ekofisk field or the porous sandstone of the Groningen Field in the Netherlands).

The compressibility characteristic of a rock is quantified by Biot's constant, the efficiency with which the internal pore pressure offsets the externally applied total vertical stress. Typical Biot's values for most conventional porous reservoir rock types are 0.75 to 0.95. Biot's constant approaches unity for high porosity reservoirs (e.g. conventional high porosity/permeability sandstone reservoirs) but About shale gas and hydraulic fracturing (fracking) approaches zero for low porosity/permeability reservoirs, such as shale. For US Devonian shales (probably the most analogous to the Bowland shale) Biot's is often taken as zero, as the ratio of matrix to bulk compressibility is nearly one for such low porosity shales (Blanton and Teufel, 1983, Evans & Engelder 1986). Frac operations in North America are routinely monitored by both microseismic and tiltmeter measurements and no compaction issues have been documented.



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REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40, Office for Unconventional Gas and Oil

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From: REDACTION REG. 13(1) & s.40 [mailto: REDACTION REG. 13(1) & s.40@ukoog.org.uk]
Sent: 14 November 2014 10:31
To: REDACTION REG. 13(1) & s.40 (Energy Development); Ken Cronin
Cc: REDACTION REG. 13(1) & s.40(Energy Development); REDACTION REG. 13(1) & s.40
(Energy Development); REDACTION REG. 13(1) & s.40 (DECC Legal)
Subject: RE: Revised clauses

Dear REDACTION REG. 13(1) & s.40

Thank you for sending the amendments over.

With best regards

REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40

United Kingdom Onshore Oil and Gas
REDACTION REG. 13(1) & s.40

[REDACTION REG. 13\(1\) & s.40@ukoog.org.uk](mailto:REDACTION REG. 13(1) & s.40@ukoog.org.uk)

From: REDACTION REG. 13(1) & s.40 (Energy Development) [mailto: REDACTION REG. 13(1) & s.40@decc.gsi.gov.uk]
Sent: 14 November 2014 10:22
To: Ken Cronin; REDACTION REG. 13(1) & S.40
Cc: REDACTION REG. 13(1) & s.40 (Energy Development); REDACTION REG. 13(1) & s.40
(Markets and Infrastructure); REDACTION REG. 13(1) & s.40
(DECC Legal)
Subject: RE: Revised clauses

Ken and REDACTION REG. 13(1) & s.40

Attached are the published amendments – the relevant one is Clause 38. Web version available here: <http://www.publications.parliament.uk/pa/bills/lbill/2014-2015/0053/amend/am053-a.htm>.

Thanks again for your comments.

Regards,

REDACTION REG. 13(1) & s.40

☎ tel REDACTION REG. 13(1) & s.40

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 12 November 2014 16:39
To: REDACTION REG. 13(1) & s.40; Ken Cronin
Cc: REDACTION REG. 13(1) & s.40 (Energy Development); REDACTION REG. 13(1) & s.40
(Energy Development); REDACTION REG. 13(1) & s.40 (DECC Legal)
Subject: RE: Revised clauses

REDACTION REG. 13(1) & s.40

Thanks, we have noted these points. I will share the final clauses once tabled.

Regards,

REDACTION REG. 13(1) & s.40

☎ tel **REDACTION REG. 13(1) & s.40**

From: REDACTION REG. 13(1) & s.40 [[mailto: REDACTION REG. 13\(1\) & s.40@ukoog.org.uk](mailto:REDACTION REG. 13(1) & s.40@ukoog.org.uk)]
Sent: 12 November 2014 15:24
To: REDACTION REG. 13(1) & s.40 (Energy Development); Ken Cronin
Cc: REDACTION REG. 13(1) & s.40 (Energy Development); REDACTION REG. 13(1) & s.40
(Markets and Infrastructure); REDACTION REG. 13(1) & s.40
(DECC Legal)
Subject: RE: Revised clauses

Hi **REDACTION REG. 13(1) & s.40**

Thank you for sending the revised version to us. We have consulted with our legal experts and here are a few comments pasted below.

- REDACTION REG: 12(5)(f)
- REDACTION REG: 12(5)(f)
- REDACTION REG: 12(5)(f)

I hope this is helpful.

Best regards

REDACTION REG. 13(1) & s.40

Sent from my Windows Phone

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 12/11/2014 11:55
To: Ken Cronin
Cc: REDACTION REG. 13(1) & s.40; REDACTION REG. 13(1) & s.40 (Energy Development); REDACTION REG. 13(1) & s.40 (Markets and Infrastructure); REDACTION REG. 13(1) & s.40 (DECC Legal)
Subject: Revised clauses

Ken,

Thanks for reviewing our earlier clauses on third-party liabilities and for the helpful discussion. Attached is a new draft, which as you can see is substantially simpler and should address the concerns you raised. We will be tabling a further iteration along these lines in Parliament later today.

Regards,

REDACTION REG. 13(1) & s.40



REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40 of the Office of Unconventional Gas and Oil

3 Whitehall Place, London SW1A 2AW

E: **REDACTION REG. 13(1) & s.40@decc.gsi.gov.uk** T: **REDACTION REG. 13(1) & s.40**

Follow us on [Twitter.com/DECCgovuk](https://twitter.com/DECCgovuk)

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 31 October 2014 15:27
To: Ken Cronin
Cc: REDACTION REG. 13(1) & s.40 (REDACTION REG. 13(1) & s.40@ukoog.org); REDACTION REG. 13(1) & s.40 (Energy Development); REDACTION REG. 13(1) & s.40 (Energy Development); REDACTION REG. 13(1) & s.40 (Energy Development); REDACTION REG. 13(1) & s.40 (DECC Legal); REDACTION REG. 13(1) & s.40 (Heat & Industry)
Subject: Draft clauses for comment, on third party claims

Ken,

As I briefly mentioned earlier this week, we are planning to introduce an amendment to protect landowners from being sued by third parties for damage caused by shale or geothermal operations. I attach a draft of the clauses, which are yet to be finalised (including some bits in square brackets). Please keep circulation of these clauses to the minimum necessary for gauging relevant members' views, and ask them to do likewise.



D - Infrastructure - Lords Report (7) - un (Attachment D is being withheld under Reg.12(4)(d))

Please could you provide any comments by next Friday (7th)? This is to ensure the amendment can be tabled in time for the final stage of the Lords.

We are interested in any impacts you think might be unintentional or detrimental, but please do not provide suggestions for alternative drafting as this is something we defer to Parliamentary Counsel. Identifying any issues (hopefully there are none) should be sufficient and we can take it from there.

Regards,

REDACTION REG. 13(1) & s.40



Department
of Energy &
Climate Change

REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40, Office of Unconventional Gas and Oil
3 Whitehall Place, London SW1A 2AW

E: **REDACTION REG. 13(1) & s.40@decc.gsi.gov.uk** T: **REDACTION
REG. 13(1) & s.40**

Follow us on [Twitter.com/DECCgovuk](https://twitter.com/DECCgovuk)

From: REDACTION REG. 13(1) & s.40 (Energy Development)

Sent: 09 December 2014 10:10

To: 'Figueira Duarte (Energy Development)'; REDACTION REG. 13(1) & s.40 (Energy Efficiency Deployment Office); ' REDACTION REG. 13(1) & s.40 '; ' REDACTION REG. 13(1) & s.40 (REDACTION REG. 13(1) & s.40 @local.gov.uk)'; 'ken Cronin ukoog'; REDACTION REG. 13(1) & s.40 (Energy Efficiency Deployment Office); ' REDACTION REG. 13(1) & s.40 '; ' REDACTION REG. 13(1) & s.40 '; 'Peter.HID.Brown-HSE'; ' REDACTION REG. 13(1) & s.40 '; ' REDACTION REG. 13(1) & s.40 '

Subject: RE: UNDER EMBARGO: Sciencewise report

All,

The Sciencewise report has now been published – see following link:

<https://www.gov.uk/government/publications/public-engagement-with-shale-gas-and-oil>

Again, many thanks for all your help with the report. I would very much welcome your views on the next steps and whether there is a further role for the oversight group.

Best,

REDACTION REG. 13(1) & s.40



Department
of Energy &
Climate Change

REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40, Office for Unconventional Gas and Oil

E: **REDACTION REG. 13(1) & s.40 @decc.gsi.gov.uk** M: **REDACTION**

REG. 13(1) & s.40 T: **REDACTION REG. 13(1) & s.40**

Follow us on [Twitter.com/DECCgovuk](https://twitter.com/DECCgovuk)

From: REDACTION REG. 13(1) & s.40 (Energy Development)

Sent: 13 November 2014 14:20

To: 'Figueira Duarte (Energy Development)'; REDACTION REG. 13(1) & s.40 (Energy Efficiency Deployment Office); ' REDACTION REG. 13(1) & s.40 '; ' REDACTION REG. 13(1) & s.40 (REDACTION REG. 13(1) & s.40 @local.gov.uk)'; 'ken Cronin ukoog'; REDACTION REG. 13(1) & s.40 (Energy Efficiency Deployment Office); ' REDACTION REG. 13(1) & s.40 '; ' REDACTION REG. 13(1) & s.40 '; 'Peter.HID.Brow'; ' REDACTION REG. 13(1) & s.40 '; ' REDACTION REG. 13(1) & s.40 '

Subject: UNDER EMBARGO: Sciencewise report

All,

As the oversight group, I'm sending you the final report by TNS BMRB on the public dialogues on shale gas and oil. Thank you very much for your contributions to the group, it was an incredibly dynamic group and the quality of the debate improved the direction and content of the dialogues. I'm very grateful that you gave up your time as I know you were very busy.

We're expecting it to be published in the next week (although this is still to be finally confirmed) and so I am sending this out under embargo. I'd be grateful if you would not circulate it further until I confirm publication.

I am due to follow up on the future role of the oversight group. If you have a proposal, I would be grateful for your thoughts.

Very happy to discuss.

Best

REDACTION REG. 13(1) & s.40

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 29 October 2014 18:17
To: Ken Cronin (**REDACTION REG. 13(1) & s.40**@ukoog.org.uk)
Subject: UNDER EMBARGO: Sciencewise report

Ken,

As a member of the oversight group, I'm sending you the final report by Ipsos Mori on the public dialogues on shale gas and oil. Thank you very much for your contributions to the group, it was an incredibly dynamic group and the quality of the debate improved the direction and content of the dialogues. I'm very grateful that you gave up your time as I know you were very busy.

We're expecting it to be published on 7 November and so I am sending this out under embargo. I'd be grateful if you would not circulate it further until then. I will confirm specific handling nearer the time and we are likely to add at least a Ministerial foreword.

The attachment below in this e-mail was not finalised version and is therefore being withheld under **Reg 12(4)d of the EIRs** – unfinished - draft



J - UNDER
EMBARGO Deliberativ

Best

REDACTION REG. 13(1) & s.40

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 23 October 2014 13:30
To: REDACTION REG. 13(1) & s.40
Subject: RE: Query on industry impact

Apologies, my fault for not reading properly. Will give you a call earlier then, say around 4pm?

Thanks,

REDACTION REG. 13(1) & s.40

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 23 October 2014 13:23
To: REDACTION REG. 13(1) & s.40

Subject: RE: Query on industry impact

REDACTION REG. 13(1) & s.40

Thank you. I'll try to give you a call at 4.45pm then.

REDACTION REG. 13(1) & s.40

From: REDACTION REG. 13(1) & s.40 [[mailto: REDACTION REG. 13\(1\) & s.40@ukoog.org.uk](mailto:REDACTION REG. 13(1) & s.40@ukoog.org.uk)]
Sent: 23 October 2014 13:22
To: REDACTION REG. 13(1) & s.40 (EDU)
Subject: RE: Query on industry impact

REDACTION REG. 13(1) & s.40

Yes, I'm available on the mobile until around 4.45 and then after 7pm.

REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40

UKOOG – REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40

www.ukoog.org.uk

UKOOG Unitary Nations
Onshore Oil and Gas

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 23 October 2014 13:09
To: REDACTION REG. 13(1) & s.40@ukoog.org.uk
Subject: Query on industry impact

Hi REDACTION REG. 13(1) & s.40,

I have a question on the impact of the depth limit for underground access, and a colleague gave me your contact details.

Would you by any chance be available this afternoon (after 3.30pm) for a phone conversation?

Thanks a lot for letting me know.

Kind regards,

REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40 | REDACTION REG. 13(1) & s.40
– Regulation | Office of Unconventional Gas and Oil | Department of Energy and Climate Change (DECC)
3 Whitehall Place, London SW1A 2AW | T: **REDACTION REG. 13(1) & s.40**
| [REDACTION REG. 13\(1\) & s.40@decc.gsi.gov.uk](mailto:REDACTION REG. 13(1) & s.40@decc.gsi.gov.uk)

From: REDACTION REG. 13(1) & s.40 [[mailto: REDACTION REG. 13\(1\) & s.40@ukoog.org.uk](mailto:REDACTION REG. 13(1) & s.40@ukoog.org.uk)]

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 10 October 2014 14:18
To: REDACTION REG. 13(1) & s.40 (Energy Development)
Subject: FW: Access note

Reassurance you were looking for

REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40 | REDACTION REG. 13(1) & s.40
– Regulation, Office of Unconventional Gas and Oil | **REDACTION REG. 13(1) & s.40**

From: REDACTION REG. 13(1) & s.40 [mailto: REDACTION REG. 13(1) & s.40@ukoog.org.uk]
Sent: 10 October 2014 14:14
To: REDACTION REG. 13(1) & s.40 (Energy Development)
Subject: Re: Access note

Hi REDACTION REG. 13(1) & s.40

Yes, we did - to those that have email addresses.

Best wishes

REDACTION REG. 13(1) & s.40

From: REDACTION REG. 13(1) & s.40 (Energy Development) <REDACTION REG. 13(1) & s.40@decc.gsi.gov.uk>

Sent: 10 October 2014 13:42

To: REDACTION REG. 13(1) & s.40

Subject: Access note

REDACTION REG. 13(1) & s.40

Apologies, I've just been asked to double-check that you sent the access briefing note to Peers? – I think you mentioned you had done this when we spoke.

Thanks,

REDACTION REG. 13(1) & s.40


Department
of Energy &
Climate Change

REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40 – Regulation, Office of Unconventional Gas and Oil

E: [REDACTION REG. 13\(1\) & s.40@decc.gsi.gov.uk](mailto:REDACTION REG. 13(1) & s.40@decc.gsi.gov.uk) T: **REDACTION REG. 13(1) & s.40**

A: Area 3A, 3 Whitehall Place, London SW1A 2AW

From: REDACTION REG. 13(1) & s.40 [mailto: REDACTION REG. 13(1) & s.40@ukoog.org.uk]
Sent: 30 September 2014 10:43
To: REDACTION REG. 13(1) & s.40 (Energy Development)
Cc: REDACTION REG. 13(1) & s.40; REDACTION REG. 13(1) & s.40 (Energy Development)
Subject: RE: Baseline Environmental Monitoring

REDACTION REG. 13(1) & s.40

Yes, one in the same I believe.

We are with the EA over at IGas in Down Street (near Greenpark tube) and would be grateful if you could join us there?

REDACTION REG. 13(1) & s.40 can provide details. Map etc.

Thanks
REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40

UKOOG –
REDACTION REG. 13(1) & s.40

www.ukoog.org.uk

From: REDACTION REG. 13(1) & s.40 (Energy Development) [mailto: REDACTION REG. 13(1) & s.40@decc.gsi.gov.uk]
Sent: 30 September 2014 10:39
To: REDACTION REG. 13(1) & s.40
Cc: REDACTION REG. 13(1) & s.40; REDACTION REG. 13(1) & s.40 (Energy Development)
Subject: RE: Baseline Environmental Monitoring

REDACTION REG. 13(1) & s.40,

REDACTION REG. 13(1) & s.40
and I are both available at this time. Did you want to come to our offices? I understand **REDACTION REG. 13(1) & s.40** also requested a meeting - I assume these are related.

Many thanks,
REDACTION REG. 13(1) & s.40



REDACTION REG. 13(1) & s.40
REDACTION REG. 13(1) & s.40 – Regulation, Office of Unconventional Gas and Oil
E: [REDACTION REG. 13\(1\) & s.40@decc.gsi.gov.uk](mailto:REDACTION REG. 13(1) & s.40@decc.gsi.gov.uk) T: **REDACTION REG. 13(1) & s.40**

From: REDACTION REG. 13(1) & s.40 [mailto: REDACTION REG. 13(1) & s.40@ukoog.org.uk]

Sent: 30 September 2014 09:54

To: REDACTION REG. 13(1) & s.40 (Energy Development); REDACTION REG. 13(1) & s.40 (Energy Development)

Cc: REDACTION REG. 13(1) & s.40

Subject: Baseline Environmental Monitoring

REDACTION REG. 13(1) & s.40

Is it possible for your team to join us from 12.30pm on Thursday. This will enable us to follow on directly from our Environment meeting with REDACTION REG 13(1) & S.40 and his team.

Please can you confirm.

Thank you

REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40

UKOOG – REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40

www.ukoog.org.uk

 **UKOOG** United Kingdom
Onshore Operators Group

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 08 September 2014 08:29
To: DECC EDU OUGO
Subject: FW: New Industry Initiative

All to see.

REDACTION REG. 13(1) & s.40

Sent from my Windows Phone

From: Ken Cronin
Sent: 08/09/2014 08:28
To: Figueira Duarte (Energy Development); REDACTION REG. 13(1) & s.40 (Energy Development); REDACTION REG. 13(1) & s.40 (Energy Development)
Subject: New Industry Initiative
Dear All

UKOOG today are launching a new initiative called "lets talk about shale" aimed at encouraging people to ask questions about natural gas from shale.



M - Talk Shale
national release 08 01

The initiative is a pilot based in the North West of England and the East Midlands. We are trying to do something different. Many campaigns are geared towards providing information to the public, often in formats and ways that the provider thinks the public want or asking questions that they think the public want answering. What you end up with is just bombarding people. We are trying instead to take a step back and ask the public first what they would like to know by giving them opportunities to ask questions. We will then collate those questions and get third parties to answer them. We will then use various means to provide and discuss the answers.

'This new initiative is being piloted in Blackpool and Preston in the North West, and Lincoln and Worksop in the East Midlands. Alongside the opportunity to ask a question via the new website www.talkaboutshale.com and Freepost postcards, we also want to ensure that those people with concerns, who may not have thought to ask a question, know that this opportunity exists. In the pilot areas we are therefore delivering thousands of postcards and placing posters in high streets and on buses, as well as advertisements in local newspapers.

Local clubs and community groups are also being offered the chance to discuss the subject and ask questions of independent local speakers. Events will also be taking place in town centres where the public will be able to submit their questions to the 'Let's talk about shale' digi-van. This van is equipped with flat-screen TVs showing the website which, with our promotional team, will be touring locations in the North West and East Midlands giving the public a chance to ask questions about onshore natural gas development.

People can send in their questions to www.talkaboutshale.com or via a Freepost postcard until 10th October, at which point we will concentrate on answering any unanswered questions. We are giving ourselves 30 days to answer each question, with the aim of the pilot being to offer the public an

opportunity to get to know the facts, rather than being forced into listening to what others think they should hear.

If this form of communication is a success that we will roll it out nationwide early next year.

Regards

Ken

From: REDACTION REG. 13(1) & s.40(Energy Development)

Sent: 01 September 2014 12:01

To: Ken Cronin

Cc: REDACTION REG. 13(1) & s.40 (Energy Development); REDACTION REG. 13(1) & s.40 (Energy Development)

Subject: RE: Land Access Query

Ken,

This is helpful thanks. The decision on how to handle this issue ultimately rests with UKOOG as it is your payment scheme, but it is reassuring to see the reasoning below.

REDACTION REG. 13(1) & s.40 and **REDACTION REG. 13(1) & s.40** – please note the rationale in our Q&A in case this comes up, though I think it unlikely to do so.

Regards,

REDACTION REG. 13(1) & s.40

☎ tel **REDACTION REG. 13(1) & s.40**

8 September 2014

General public encouraged to ask questions about natural gas from shale

UKOOG, the representative body for the UK Onshore Oil and Gas industry, has launched a new initiative aimed at encouraging people to ask questions about natural gas from shale.

'Let's talk about shale' is borne out of the recognition that the general public are subjected to a stream of information from a range of sources and much of this information is contradictory. 'Let's talk about shale' will give people the chance to ask the questions they would like to have answered.

Ken Cronin, Chief Executive of UKOOG, said:

"There are a lot of people out there who don't know what natural gas from shale is and have questions about how it's extracted. 'Let's talk about shale' offers the public an opportunity to get to know the facts, rather than being forced into listening to what others think they should hear."

The approach is being piloted in Blackpool and Preston in the North West and Lincoln and Worksop in the East Midlands, with a view to launching it nationally next year.

The aim of the initiative will be to collate questions and have them answered by third party experts, including leading academics. In addition, promotional events will take place in town centres where the public will be able to submit their questions to the 'Let's talk about shale' digi-van. Local clubs and community groups are also being offered the chance to discuss the subject and ask questions of independent local speakers.

The engagement activities include:

- The 'Let's talk about shale' digi-van: a high-tech vehicle equipped with flat-screen TVs - and promotional staff with tablet computers, which will be touring locations in the North West and East Midlands giving the public a chance to ask questions about onshore natural gas development.
- Presentations to local groups and organisations given by geologists, academics and representatives of the business community.
- A fully-interactive website: www.talkaboutshale.com - for the public to ask their questions and to receive answers. The site will become the source of independent information, written in clear language for those interested in finding out more about natural gas from shale.
- Advertising, featuring the 'Let's talk about shale' logo will be used on buses, in local newspapers and in town centres to promote the scheme with the slogan: "got a question about fracking, just ask."
- Thousands of postcards distributed by local newspapers and door-drops so the public can submit their questions by Freepost.

Professor Joe Howe of The University of Chester said:

"'Let's talk about shale' is a great initiative. Many people have questions about shale gas but don't know where to look for definitive answers. This engagement programme will help to dispel the myths and give members of the public clear answers to the questions they want to ask."

“Academics have struggled to communicate with the public on shale, and this is a good opportunity to talk directly to those with questions.”

Trevor Fletcher, Board Director of the D2N2 Local Enterprise Partnership, said:

“The complex nature of extracting shale gas through ‘fracking’ has attracted concerns from environmental groups and the community. The ‘Let’s talk about shale’ initiative is a good way to provide facts and dispel the myths associated with shale gas, enabling informed decisions on where you stand on its future.”

Prof Sarah O’Hara of the University of Nottingham said:

“Any initiative that allows the public to have a voice is a good thing. The public should have an opportunity to ask questions and deserve to get unbiased and scientifically informed answers”

Contact:

For national enquiries: Jason Nisse/Deborah Saw 0207 680 6550 ukooag@newgatecomms.com

For regional enquiries: John Higginson on 07920 701 693 info@talkaboutshale.com.

About UKOOG:

UKOOG is the representative body for the UK onshore oil and gas industry including exploration, production and storage. The organisation’s objectives are to enhance the profile of the onshore industry, promote better and more open dialogue with key stakeholders, deliver industry wide initiatives and programmes and to ensure standards in safety, the environment and operations are maintained to the highest possible level. Membership is open to all companies active in the onshore industry including those involved in the supply chain.

www.ukoog.org.uk

From: REDACTION REG. 13(1) & s.40 (Energy Strategy Networks and Markets)
Sent: 14 August 2014 16:39
To: Ken Cronin
Cc: REDACTION REG. 13(1) & s.40 (Energy Development); REDACTION REG. 13(1) & s.40 (Energy Development); REDACTION REG. 13(1) & s.40 (Energy Development); REDACTION REG. 13(1) & s.40 (Energy Development)
Subject: Inquiry into Manorial Rights - 5 September

Dear Ken,

The Justice Committee is undertaking an inquiry into Manorial Rights, further information can be found here: <http://www.parliament.uk/business/committees/committees-a-z/commons-select/justice-committee/inquiries/parliament-2010/manorial-rights/>. The closing date for submission of evidence to support this inquiry is the 5 September 2014.

We would be grateful for your member's views and supporting evidence on whether Manorial Rights are impacting, or if they consider it may impact projects. If you or your members choose to respond, please do so direct to the inquiry; we would be grateful to be copied into any responses so that we are aware.

Thanks,

REDACTION REG. 13(1) & s.40



REDACTION REG. 13(1) & s.40
REDACTION REG. 13(1) & s.40, Office of Unconventional Gas and Oil
E: [REDACTION REG. 13\(1\) & s.40@decc.gsi.gov.uk](mailto:REDACTION REG. 13(1) & s.40@decc.gsi.gov.uk) T: **REDACTION REG. 13(1) & s.40**

Follow us on [Twitter.com/DECCgovuk](https://twitter.com/DECCgovuk)



From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 15 August 2014 09:42
To: REDACTION REG. 13(1) & s.40
Subject: RE: tomorrow

OK thanks **REDACTION REG. 13(1) & s.40**. I'll call you either today or Monday

REDACTION REG. 13(1) & s.40

From: REDACTION REG. 13(1) & s.40 [mailto: REDACTION REG. 13(1) & s.40@ukooq.org.uk]
Sent: 15 August 2014 08:09
To: REDACTION REG. 13(1) & s.40 (Energy Development)
Subject: Re: tomorrow

No probs, I could speak towards the end of the day today or on Monday

REDACTION REG. 13(1) & s.40

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 14 August 2014 18:52
To: REDACTION REG. 13(1) & s.40
Subject: tomorrow

REDACTION REG. 13(1) & s.40

Really sorry but please can we postpone our catch-up to later tomorrow or next week?

REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40 | REDACTION REG. 13(1) & s.40 – Regulation | Office of Unconventional Gas and Oil | Department of Energy and Climate Change (DECC) | Area 3A, 3 Whitehall Place, London SW1A 2AW | **REDACTION REG. 13(1) & s.40 | REDACTION REG. 13(1) & s.40@decc.gsi.gov.uk**

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 13 August 2014 15:18
To: REDACTION REG. 13(1) & s.40
Subject: RE: voicemail

Hi **REDACTION REG. 13(1) & s.40**,
OK, let's speak Friday 9.30

Thanks,

REDACTION REG. 13(1) & s.40

From: REDACTION REG. 13(1) & s.40 [mailto: REDACTION REG. 13(1) & s.40@ukooq.org.uk]
Sent: 13 August 2014 15:08
To: REDACTION REG. 13(1) & s.40 (Energy Development)
Subject: RE: voicemail

Hi **REDACTION REG. 13(1) & s.40**

I'm afraid I have to travel to another meeting at 10am, so if we could stick to 9.30, that would be great.

Best regards

REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40
United Kingdom Onshore Operators Group
REDACTION REG. 13(1) & s.40
[REDACTION REG. 13\(1\) & s.40@ukoog.org.uk](mailto:REDACTION REG. 13(1) & s.40@ukoog.org.uk)

From: REDACTION REG. 13(1) & s.40 (Energy Development) [[mailto: REDACTION REG. 13\(1\) & s.40@decc.gsi.gov.uk](mailto:REDACTION REG. 13(1) & s.40@decc.gsi.gov.uk)]
Sent: 13 August 2014 14:57
To: REDACTION REG. 13(1) & s.40
Subject: RE: voicemail

Hi **REDACTION REG. 13(1) & s.40**

Would 10am be OK? If not, 9.30 is fine

Thanks,
REDACTION REG. 13(1) & s.40

From: REDACTION REG. 13(1) & s.40 [[mailto: REDACTION REG. 13\(1\) & s.40@ukoog.org.uk](mailto:REDACTION REG. 13(1) & s.40@ukoog.org.uk)]
Sent: 13 August 2014 14:21
To: REDACTION REG. 13(1) & s.40 (Energy Development)
Subject: RE: voicemail

Hi **REDACTION REG. 13(1) & s.40**

Could we talk on Friday at 9.30am?

Best regards
REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40
United Kingdom Onshore Operators Group
REDACTION REG. 13(1) & s.40

[REDACTION REG. 13\(1\) & s.40@ukoog.org.uk](mailto:REDACTION REG. 13(1) & s.40@ukoog.org.uk)

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 11 August 2014 17:54
To: REDACTION REG. 13(1) & s.40
Cc: REDACTION REG. 13(1) & s.40 (Energy Development)
Subject: RE: Monitoring

REDACTION REG. 13(1) & s.40,

Many thanks for providing this so quickly. I also left a voicemail for REDACTION REG. 13(1) & S.40 earlier asking if it might be possible to provide your members with a reminder that the access consultation closes this Friday. Would it be possible to do so?

Kind regards,

REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40 | REDACTION REG. 13(1) & s.40

– Regulation | Office of Unconventional Gas and Oil | Department of Energy and Climate Change (DECC) | Area 3A, 3
Whitehall Place, London SW1A 2AW | **REDACTION REG. 13(1) & s.40**
| [REDACTION REG. 13\(1\) & s.40@decc.gsi.gov.uk](mailto:REDACTION REG. 13(1) & s.40@decc.gsi.gov.uk)

From: Ken Cronin [mailto:Kcronin@ukoog.org.uk]
Sent: 10 August 2014 18:16
To: Figueira Duarte (Energy Development); **REDACTION REG. 13(1) & s.40** (Energy Development)
Subject: as discussed

Attachments



F - Embargoed to
0001 Monday 11 Aug



G - Embargoed to
0001 Monday 11 Aug

From: **REDACTION REG. 13(1) & s.40** (Energy Development)
Sent: 31 July 2014 10:07
To: Ken Cronin
Cc: Figueira Duarte (Energy Development); **REDACTION REG. 13(1) & s.40** (Energy Development)
Subject: Update on regulation

Dear Ken,

Would it be possible to arrange a time to meet next week for a discussion on regulation, in particular, a few points on underground access? Looking at diaries, Thursday or Friday look best. Please let me know.

Kind regards,
REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40 | **REDACTION REG. 13(1) & s.40** – Regulation | Office of Unconventional Gas and Oil | Department of Energy and Climate Change (DECC) | Area 3A, 3 Whitehall Place, London SW1A 2AW | **REDACTION REG. 13(1) & s.40** | **REDACTION REG. 13(1) & s.40** @decc.gsi.gov.uk

New survey shows 57% of Britons support natural gas from shale

Embargoed until 00:01 Monday 11 August 2014

- **57% of Britons think shale gas production should go ahead; only 16% are opposed**
- **Two thirds believe Britain should be less reliant on gas from other countries**
- **Planned changes to underground land access supported by 42% of the public, with only 16% opposed**

A new public opinion poll reveals that natural gas production from shale enjoys widespread backing across the country, with more than three times as many supporting production than opposing. The Populus survey of 4,000 adults, commissioned by UK Onshore Oil and Gas (UKOOG), also finds overwhelming support for reducing Britain's reliance on gas imports from overseas, which are rising rapidly as North Sea production declines.

This survey is one of the **largest polls** on the issue. The **key findings** of the research include:

- **Overall support for shale gas production:** 57% support the production of natural gas from shale in the UK, compared with 16% who oppose and 27% who are undecided.
- **Reducing reliance on gas imports:** 67% agree that Britain needs to produce its own energy so it isn't reliant on gas from other countries, compared with just 1% who disagree. National Grid has forecast that without natural gas from shale production, Britain will import up to 91% of its gas by 2035.
- **Support for shale gas development alongside renewable energy:** 59% would be willing to see natural gas from shale production go ahead as long as it forms part of a mix that includes renewable energy sources, with only 12% disagreeing.
- **New infrastructure needed:** 47% agree that the UK needs to invest in a whole range of new infrastructure, including housing, roads and railways, airport capacity and new energy sources, with only 5% disagreeing.
- **Underground land access:** 42% agree with the Government's planned changes to underground land access, compared with 16% who disagree. The changes are designed to bring oil and gas and geothermal energy production into line with other essential services that have rights of underground access, including water and sewage pipelines and coal mines.

Commenting on the findings, Ken Cronin, Chief Executive of UKOOG, said:

"This survey shows that most people across the country think that shale gas should be developed. More than four out of five of us heat our homes with gas, and Britain's shale resource gives us the opportunity to become less dependent on foreign energy supplies, create tens of thousands of jobs and support our manufacturing industries.

"Shale gas and renewables are complementary, and our survey confirms that the public would like to see a balanced mix that includes both sources of energy. Whilst these results are positive, our industry needs to continue to do all it can to listen to and engage with the views of local communities."

ENDS

Contacts for further comments or to arrange interviews

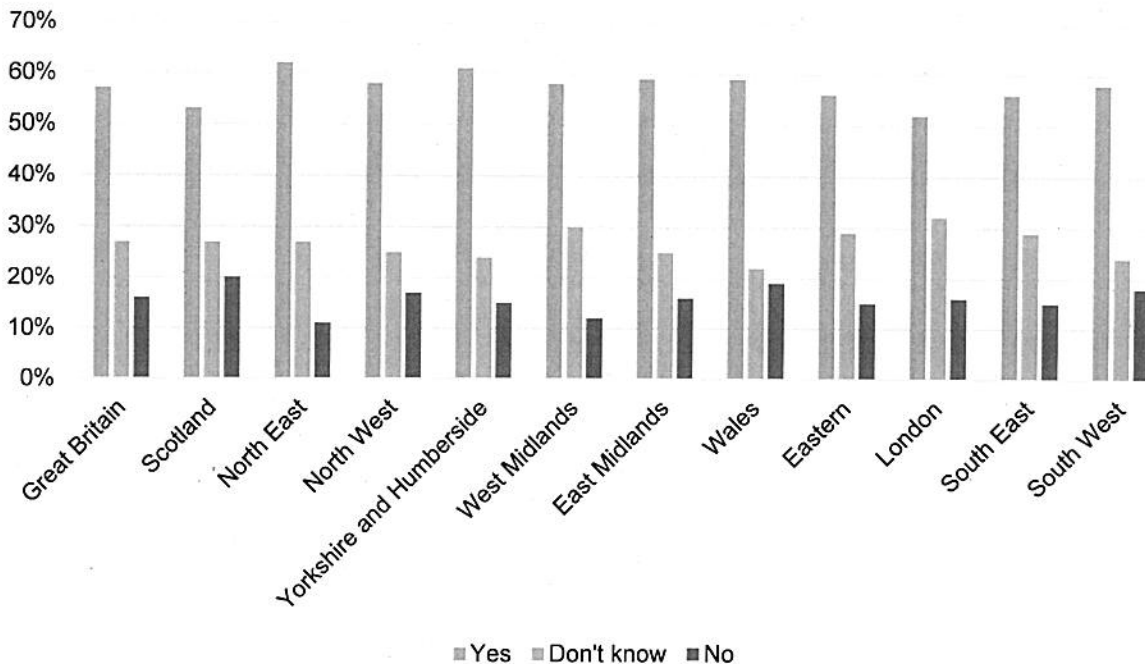
Deborah Saw
020 7680 6552
07903 849 737
deborah.saw@newgatecomms.com

Notes to editors

- UK Onshore Oil and Gas (UKOOG) is the trade association representing the UK’s onshore oil and gas industry. Membership is open to all companies active in the onshore industry including those involved in the supply chain. For more details, visit www.ukoog.org.uk
- A **more detailed report** on the polling results, including charts, accompanies this release.
- Populus interviewed 4,086 adults in Great Britain online between 13 and 19 June 2014, and the results were weighted to be demographically representative of all adults in Great Britain. The **full results tables** accompany this release. From the morning of 11 August, they can also be found on the Populus website <http://www.populus.co.uk/Poll/UKOOG-Survey/>
- UKOOG’s briefing on the Government’s planned changes to **underground land access** can be found here [http://www.ukoog.org.uk/images/ukoog/pdfs/UKOOG Land Access Briefing Document.pdf](http://www.ukoog.org.uk/images/ukoog/pdfs/UKOOG_Land_Access_Briefing_Document.pdf) together with a **one-page graphic** showing how onshore oil and gas compares with other essential services that have rights of access [http://www.ukoog.org.uk/images/ukoog/pdfs/UKOOG Land Access Graphic.pdf](http://www.ukoog.org.uk/images/ukoog/pdfs/UKOOG_Land_Access_Graphic.pdf)
- In its 2014 “Future Energy Scenarios” publication, National Grid projected that without shale production, UK gas import dependency will increase to up to 91% by 2035 <http://www2.nationalgrid.com/uk/industry-information/future-of-energy/future-energy-scenarios/>

“Do you think the UK should produce natural gas from shale?” – regional breakdown			
	Yes	Don't know	No
Great Britain	57%	27%	16%
Scotland	53%	27%	20%
North East	62%	27%	11%
North West	58%	25%	17%
Yorkshire and Humberside	61%	24%	15%
West Midlands	58%	30%	12%
East Midlands	59%	25%	16%
Wales	59%	22%	19%
Eastern	56%	29%	15%
London	52%	32%	16%
South East	56%	29%	15%
South West	58%	24%	18%

Chart 2: "Do you think the UK should produce natural gas from shale?"



Q4. "Based on what you know, how much do you agree or disagree with these statements?"

a) "As long as natural gas from shale production is properly regulated it is okay for it to go ahead in the UK."

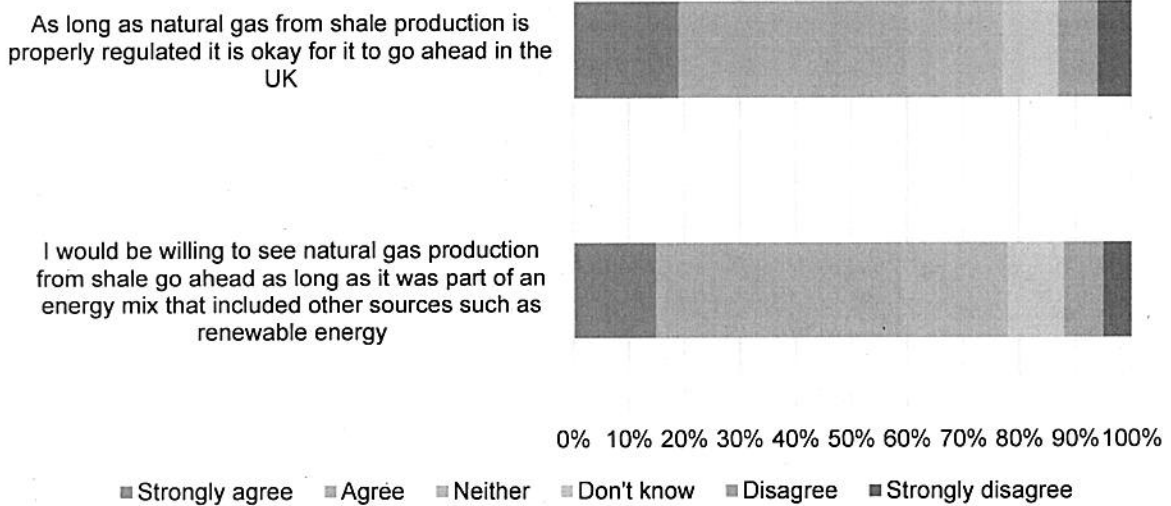
- Agreement with this statement is slightly stronger than agreement with the previous question, indicating how important a strong regulatory environment is to public acceptability.
- Overall, 60% agree and 13% disagree that it is OK for natural gas from shale production to go ahead in the UK as long as it is strongly regulated, while 27% are either neutral or don't know.
- There is strong agreement in every region, with at least 56% agreeing.
- Men agree by 68% to 11% and women by 53% to 14%.

b) "I would be willing to see natural gas production from shale go ahead as long as it was part of an energy mix that included other sources such as renewable energy."

- Similarly, natural gas from shale production attracts strong support if it is accompanied by renewable energy development.
- Overall, 59% agree with this statement, with 12% disagreeing and 29% neutral or unsure.
- At least 54% agree in every region, and no more than 15% disagree in any region.

- Female respondents agree with the statement by 52% to 14%, and male respondents by 66% to 11%.

Chart 3: Natural gas from shale production



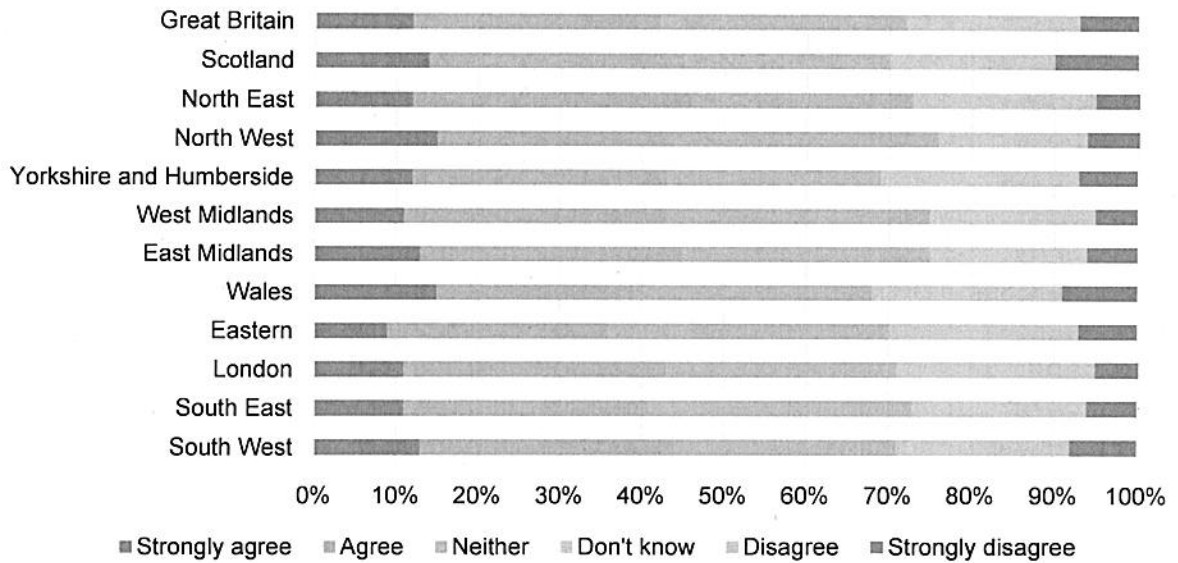
Underground land access

This section asked respondents whether they agree with the Government's planned changes to underground land access for oil and gas and geothermal energy production. Overall, people tend to agree with the planned changes.

Q5. “The law currently gives permission for licensed companies to extract coal or lay water pipelines through underground land once proper notification is given. This means that companies do not need to ask for permission from individual landowners. The Government is planning to introduce permission for use of underground land for other pipelines such as oil and gas wells and geothermal energy. These pipelines would typically be 6-9 inches in diameter and a mile or more underground. Do you agree or disagree with introducing permission for other pipelines such as oil and gas wells and geothermal energy?”

- Overall, 42% agree with the planned changes to underground land access, compared with 16% who disagree. Nearly a third (30%) of respondents are neutral, while 12% are unsure.
- Amongst men, 53% favour the changes, compared with 14% opposed. The figures for women are 32% and 18% respectively.
- In four regions – North East, West Midlands, East Midlands, and London – at least three times as many people support the planned changes than oppose.

Chart 4: "Do you agree or disagree with introducing [underground land access] permission for other pipelines such as oil and gas wells and geothermal energy?"



Public attitudes to production of natural gas from shale

August 2014

This note presents the findings of opinion research commissioned by UKOOG on public attitudes to the production of natural gas from shale in the UK. Populus interviewed 4,086 adults in Great Britain online between 13 and 19 June 2014, and the results were weighted to be demographically representative of all adults in Great Britain. The full results tables can be found here <http://www.populus.co.uk/Poll/UKOOG-Survey/>

Infrastructure and energy needs

This section of the survey was designed to understand general public attitudes to infrastructure and how best the UK should meet its energy needs. People generally agree that the UK should be using a number of different energy sources to meet its needs, and that home-grown energy is important to reduce reliance on gas imports. They also tend to agree that greater investment in a range of new infrastructure is necessary.

Q1. “How much do you personally agree with the following statement on a 0-10 scale where 0 means you do not agree at all and 10 means you agree completely?”

a) “The UK needs to invest more in a whole range of new infrastructure, including housing, roads and railways, airport capacity and new energy sources.”

- Overall, 47% agree with this statement (8-10), compared with just 5% disagreeing (0-3), and 42% with more neutral feelings (4-7).
- In every region, at least 41% agree, with no more than 6% disagreeing.
- Men (53%) are more likely than women (40%) to agree with this statement.

Q2. “How much do you personally agree with each of the following statements on a 0-10 scale where 0 means you do not agree at all and 10 means you agree completely?”

a) “The UK needs to use a range of energy sources to meet the country’s energy needs.”

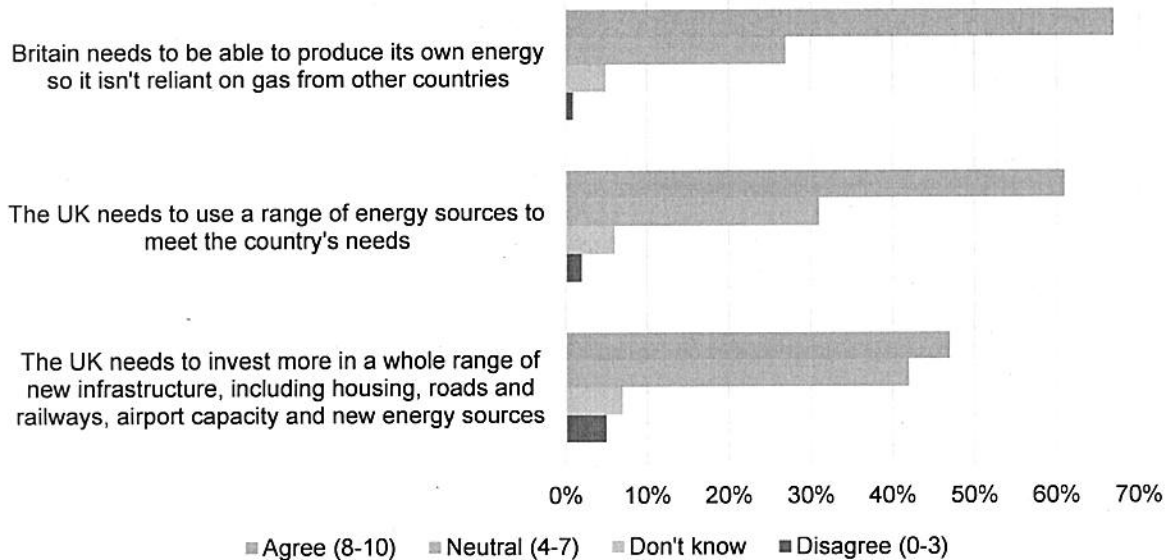
- Overall, 61% agree (8-10) that the UK needs to use a range of energy sources, with just 2% disagreeing (0-3) and 31% neutral (4-7).
- At least 53% agree with this statement in each region of Great Britain.
- Amongst male respondents, 66% agree, and amongst female respondents, 56% agree.

b) “Britain needs to be able to produce its own energy so it isn’t reliant on gas from other countries.”

- More than two thirds (67%) agree with this statement, compared to 1% disagreeing and 27% neutral.
- More than 60% agree in every region of the country, with the exception of London, where 54% agree. In no region do more than 3% disagree.

- More than seven in ten (71%) of male respondents agree with this statement, while 63% of female respondents agree.

Chart 1: Infrastructure and energy needs



Natural gas from shale

This part of the survey asked people whether they support or oppose the production of natural gas from shale in the UK, in general, and if accompanied by strong regulation and an energy mix including renewables. There is strong support for production in the UK, accompanied by robust regulation and the development of renewable energy sources.

Q3. "Natural gas from shale is found both onshore and offshore, typically a mile or more underground. For the rest of the survey please answer in relation to onshore shale only. Producing natural gas from shale uses a technique called hydraulic fracturing (often called fracking). This involves creating tiny fractures in the rock deep underground, freeing the gas. Fractures are created by pumping a fluid containing 99.5% water and sand and 0.5% approved non-hazardous chemicals down at high pressure. The British Geological Survey has estimated that the UK has 1,300 trillion cubic feet of natural gas from shale. If just 10% of this could be recovered, it would be enough to meet the UK's demand for natural gas for nearly 50 years or to heat the UK's homes for over 100 years. From what you know, do you think the UK should produce natural gas from shale?"

- Overall, 57% support the production of natural gas from shale in the UK, compared with 16% who oppose and 27% who are undecided.
- In every region of the country, at least 52% support production, and in no region do more than 20% oppose production.
- Amongst male respondents, 67% support and 14% oppose production. For female respondents, the figures are 47% and 18%, respectively.

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 31 July 2014 11:15
To: REDACTION REG. 13(1) & s.40
Subject: RE: Call this afternoon

Hi **REDACTION REG. 13(1) & s.40**

OK, no problem. I'm glad to hear the meeting went well. I contacted Ken this morning to request a meeting next week to discuss regulation/ access issues. Perhaps we could cover this during that meeting as well?

Thanks,

REDACTION REG. 13(1) & s.40

From: REDACTION REG. 13(1) & s.40 [mailto:[REDACTION REG. 13\(1\) & s.40@ukoog.org.uk](mailto:REDACTION REG. 13(1) & s.40@ukoog.org.uk)]
Sent: 31 July 2014 11:10
To: REDACTION REG. 13(1) & s.40 (Energy Development)
Subject: Call this afternoon

Hi **REDACTION REG. 13(1) & s.40**

My apologies, but I'm going to have to move our call this afternoon, as I have a meeting I can't avoid.

Yesterday's discussion with **REDACTION REG. 13(1) & s.40** went well – I think it was a really positive meeting – and Ken and I would like to update you more formally on our progress, and discuss a number of other items, in advance of August 15. Ken will be in touch shortly to arrange a time.

Best regards

REDACTION REG. 13(1) & s.40

REDACTION REG. 13(1) & s.40
United Kingdom Onshore Operators Group
REDACTION REG. 13(1) & s.40
REDACTION REG. 13(1) & s.40 [@ukoog.org.uk](mailto:REDACTION REG. 13(1) & s.40@ukoog.org.uk)

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 18 July 2014 16:24
To: REDACTION REG. 13(1) & s.40; REDACTION REG. 13(1) & s.40
Subject: RE: DRD's

REDACTION REG. 13(1) & s.40,

Many thanks for putting me in touch with **REDACTION REG. 13(1) & s.40**.

REDACTION REG. 13(1) & s.40 - Apologies I missed your call this morning. I will give you a call early next week if that's OK?

Kind regards,
REDACTION REG. 13(1) & s.40

From: REDACTION REG. 13(1) & s.40 [[mailto: REDACTION REG. 13\(1\) & s.40@ukoog.org.uk](mailto:REDACTION REG. 13(1) & s.40@ukoog.org.uk)]
Sent: 18 July 2014 07:48
To: REDACTION REG. 13(1) & s.40 (Energy Development)
Cc: REDACTION REG. 13(1) & s.40
Subject: RE: DRD's

Hi **REDACTION REG. 13(1) & s.40**

I am putting you in touch with **REDACTION REG. 13(1) & s.40**, one of the experts at **REDACTION REG. 13(1) & s.40** that we are working with. **REDACTION REG. 13(1) & s.40** would be happy to explain the issues you raise.

REDACTION REG. 13(1) & s.40, thank you for agreeing to help – **REDACTION REG. 13(1) & s.40** number is **REDACTION REG. 13(1) & s.40**.

I hope that helps.

Best regards
REDACTION REG. 13(1) & s.40
REDACTION REG. 13(1) & s.40
United Kingdom Onshore Operators Group
REDACTION REG. 13(1) & s.40
REDACTION REG. 13(1) & s.40[@ukoog.org.uk](mailto:REDACTION REG. 13(1) & s.40@ukoog.org.uk)

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 01 July 2014 17:53
To: REDACTION REG. 13(1) & s.40
Subject: RE: REDACTION REG. 13(1) & s.40

Hi REDACTION REG. 13(1) & s.40

Yes that's fine. I'm available any time after 2.30pm on Monday.

REDACTION REG. 13(1) & s.40

From: REDACTION REG. 13(1) & s.40 (Energy Development)
Sent: 07 July 2014 12:36
To: REDACTION REG. 13(1) & s.40
Subject: RE: REDACTION REG. 13(1) & s.40

Hi REDACTION REG. 13(1) & s.40

Yes that's fine. I am in a meeting 2-3pm so best to call a few minutes after 3pm.

Thanks for re-arranging.

REDACTION REG. 13(1) & s.40

From: REDACTION REG. 13(1) & s.40 [[mailto: REDACTION REG. 13\(1\) & s.40@ukoog.org.uk](mailto:REDACTION REG. 13(1) & s.40@ukoog.org.uk)]
Sent: 07 July 2014 12:15

To: REDACTION REG. 13(1) & s.40 (Energy Development)
Subject: Re: REDACTION REG. 13(1) & s.40

Wednesday at 3pm?
REDACTION REG. 13(1) & s.40

On 7 Jul 2014, at 11:01, "REDACTION REG.13(1) & S.40 (Energy Development)" <[REDACTION REG. 13\(1\) & s.40@decc.gsi.gov.uk](mailto:REDACTION REG. 13(1) & s.40@decc.gsi.gov.uk)> wrote:

Hi REDACTION REG. 13(1) & s.40,

I'm really sorry but I have a meeting clash. Please can we re-schedule today's telecon for later this week?

Thanks,
REDACTION REG. 13(1) & s.40

-----Original Appointment-----

From: REDACTION REG. 13(1) & s.40 [mailto:REDACTION REG. 13(1) & s.40@ukoog.org.uk]

Sent: 01 July 2014 17:28

To: REDACTION REG. 13(1) & s.40 (Energy Development)

Subject: New Time Proposed: REDACTION REG. 13(1) & s.40

When: 03 July 2014 14:30-15:00 (UTC) Dublin, Edinburgh, Lisbon, London.

Where: Telecon

Hi REDACTION REG. 13(1) & s.40

I am due to be speaking with REDACTION REG. 13(1) & s.40 on Thursday afternoon, so rather than us talking just before that, could we talk afterwards? Friday is very busy for me, so could we do Monday?

Best regards

REDACTION REG. 13(1) & s.40

