

ANNEX 4: OIL AND GAS OPERATIONS

APPLICATION TO CARRY OUT MINERAL WORKINGS AND ASSOCIATED DEVELOPMENT TOWN AND COUNTRY PLANNING ACT 1990	
<p>THIS ANNEX SHOULD BE COMPLETED FOR PROPOSALS INVOLVING OIL OR GAS OPERATIONS AND REQUIRING PLANNING PERMISSION. PLEASE READ THE ACCOMPANYING GUIDANCE NOTES AT THE END OF THIS ANNEX BEFORE COMPLETING THESE QUESTIONS.</p> <p>For Exploration, complete Questions A4.1, A4.4 and A4.5 For Appraisal, complete Questions A4.2, A4.4 and A4.5 For Production, complete Questions A4.3, A4.4 and A4.5</p>	
Location:	
Exploration	
<p>A4.1 (a) Please state:</p> <p>(i) Total area of exploration ha</p> <p>(ii) Route(s) of any seismic survey(s) to be carried out during exploration.</p>	
(b) Does the seismic method to be employed use vibroseis methods?	YES/NO
(c) Does the seismic method to be employed use any explosive charge? If yes:	YES/NO
<p>(i) What is the depth of charge and maximum instantaneous charge?</p> <p style="margin-left: 40px;">Depth Maximum Instantaneous Charge</p> <p>(ii) What is the average and maximum number of explosive charges to be used per day?</p> <p style="margin-left: 40px;">Average per day Maximum per day</p> <p>(iii) What will be the estimated level of ground vibration at the nearest affected properties?</p>	

<p>(d) Will the exploration method involve the drilling of wells? If yes:</p> <p>(i) What criteria is being used for selecting the well site(s)?</p> <p>(ii) What is the expected number of wells to be drilled?</p> <p>(iii) What is the average depth of wells? m</p> <p>(iv) What is the proposed method of disposal of drilling wastes?</p>	YES/NO		
<p>(e) What equipment will be used for exploration?</p>			
<p>(f) What is the anticipated duration of operations?</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; text-align: center;">Start Date</td> <td style="width: 50%; text-align: center;">Completion Date</td> </tr> </table>		Start Date	Completion Date
Start Date	Completion Date		
<p>Appraisal</p> <p>A4.2 (a) State:</p> <p>(i) Appraisal site area ha</p> <p>(ii) Criteria to be used for the selection of well sites.</p> <p>(iii) Equipment to be used to undertake the appraisal.</p> <p>(iv) Methods to be used to undertake the appraisal</p>			
<p>(b) If exploration well(s) site is to be used.</p> <p>(i) What is the number of wells to be drilled?</p> <p>(ii) What will the average depth of wells be? m</p>			
<p>(c) State:</p> <p>(i) the proposed hours of operation of the site</p> <p>(ii) hours of operation of the drilling rig; and</p> <p>(iii) hours of use of other machinery within the site (e.g. generators, pumps etc.).</p>			

(c) State

- (i) the proposed hours of operation of the site
- (ii) hours of operation of the drilling rig; and
- (iii) hours of use of other machinery within the site (e.g. generators, pumps etc.).

Specific Environmental Effects of the Proposals

A4.4 (a) Please state oil spill contingency plans and measures for the protection of surface and groundwater.

(b) Please state measures taken to minimise atmospheric and noise emissions.

(c) Please state proposed methods to be used to dispose of drilling wastes and other operational waste arisings.

A4.5 Summarise specific restoration proposals.

ANNEX 4 GUIDANCE NOTES FOR OIL AND GAS OPERATIONS

Exploration

- A4.1** All information should be referenced to supporting plans.
If seismic surveys are to be used then it is accepted that seismic investigations generally involve limited environmental effects, and in many cases, this type of development - particularly involving vibroseis techniques - may be regarded as 'de minimus' (i.e. not requiring planning permission). Good practice requires that applicants notify the CPA as well as district and highway authorities of the proposals. (Operators may also need to inform other statutory bodies such as the water companies and police in relevant circumstances). Information requirements are for the proposed seismic method; and ground vibrations at nearest affected properties (if relevant).

Appraisal

- A4.2** All information should be referenced to supporting plans which must be specified in the main minerals application form. Applicants should also provide a summary of relevant information derived from exploration phases.

Production

- A4.3** All information should be referenced to supporting plans which must be specified in the main minerals application form.

Specific Environmental Effects of the Proposals

- A4.4** Applicants should summarise other on-site works associated with the proposed development or designed to protect the environment. This information is often best dealt within an environmental statement. Applicants should clarify this requirement with the MPA.
- A4.5** The restoration of sites following unsuccessful exploration drilling should normally be undertaken immediately or as soon as possible after drilling has ceased.
- In the case of appraisal and production sites, a comprehensive restoration and aftercare scheme should be submitted with this application.
- For sites containing all field facilities (including pipelines, distribution terminals, gathering stations etc.) applicants should provide plans for abandonment and reinstatement at the end of the permitted period. Applicants should note that the MPA may also require additional safeguards through planning obligations to ensure this removal takes place.