Annex 5: Oil and Gas Operations

FOR OFFICIAL USE ONLY
Application No. Date

Application to Carry Out Mineral Working and Associated Development

TOWN AND COUNTRY PLANNING ACT 1990

THIS FORM 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.**

For **Exploration**, complete Questions A5.1, A5.4 and A5.5
For **Appraisal**, complete Questions A5.2, A5.4 and A5.5
For **Production**, complete Questions A5.3, A5.4 and A5.5

Exploration

A5.1 (i) Please state

(a) total area of exploration ..... ha

(b) route(s) of any seismic survey(s) to be carried out during exploration

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(ii) Does the seismic method to be employed use vibrosis methods? YES/NO

(iii) Does the seismic method to be employed use any explosive charge? YES/NO
If yes:

(a) what is the depth of charge and maximum instantaneous charge?

Depth ..... Maximum Instantaneous Charge .....

(b) what is the average and maximum number of explosive charges to be used per day?

Average per day ..... Maximum per day .....

(c) what will be the estimated level of ground vibration at the nearest affected properties?

(iv) Will the exploration involve the drilling of wells? YES/NO
If yes:

(a) what criteria is being used for selecting the well site(s)?

(b) what is the expected number of wells to be drilled? .....

(c) what is the average depth of wells? ..... m

(d) what is the proposed method of disposal of drilling wastes?

(v) What equipment will be used for exploration

(vi) What is the anticipated duration of operations?

Start Date ..... Completion Date .....

Appraisal

A5.2 (i) State:

a) appraisal site area .....1.42 ..... ha

b) criteria to be used for the selection of well sites – see chapter 5 of the ES Volume I

c) equipment to be used to undertake the appraisal – see Appendix 2 of the Planning Statement

d) methods to be used to undertake the appraisal – see section 4 of the Planning Statement

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(ii) If exploration well(s) site is to be used – please note the exploration well (Cloughton-1) is not being used.

(a) what is the number of wells to be drilled? 1 .....

(b) what will the average depth of wells be? 2,300 ..... metres

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Production

A5.3 (i) Please state

a) anticipated maximum volume of oil/gas (delete as appropriate) to be extracted

barrels/standard cubic feet (delete as appropriate) per day ..... total per annum .....

b) total reserves anticipated from the field ..... total

c) life of the field ..... years

d) equipment and plant to be used

e) anticipated capacity for the plant

f) location of any off-site processing plant

(ii) Please state the proposed method(s) of transport of oil and/or gas from well(s) to gathering, processing and storage facilities (eg pipelines, rail, road or shipping)

Specific Environmental Effects of the Proposals

A5.4 (i) Please state oil spill contingency plans and measures for the protection of surface and groundwater

N/a – no oil reserves are being appraised.

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

See Noise and Vibration Assessment

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

See page 19 of the Planning Statement

A5.5 Summarise specific restoration proposals

See Appendix 1 of the Planning Statement