

# 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~~ (Not Applicable)

**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

(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?

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(v) What equipment will be used for exploration

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(vi) What is the anticipated duration of operations?

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

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**Appraisal** (Not Applicable)

**A5.2** (i) State:

- a) appraisal site area .....ha
- b) criteria to be used for the selection of well sites
- c) equipment to be used to undertake the appraisal
- d) methods to be used to undertake the appraisal

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(ii) If exploration well(s) site is to be used

- (a) what is the number of wells to be drilled? .....
- (b) what will the average depth of wells be? .....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 .....<sup>15</sup>mscfd total per annum .....
- b) total reserves anticipated from the field .....<sup>20</sup>bcf total
- c) life of the field .....<sup>25</sup> years

- d) equipment and plant to be used  
Please refer to planning application drawings and Chapter 4 of the ES.
  
  - e) anticipated capacity for the plant  
Peak rate of 15mmscfd.
  
  - f) location of any off-site processing plant  
Knapton Generating Station, East Knapton, Malton
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- (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)  
Planning application seeks permission for a 15.3 km long 8" steel underground pipeline from Ebberston Moor 'A' Well Site to the Knapton Generating Station.  
Please refer to planning application drawings and Chapters 4/6 of the ES.
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## Specific Environmental Effects of the Proposals

- A5.4** (i) Please state oil spill contingency plans and measures for the protection of surface and groundwater  
Refer to Chapter 12 and 15 of the ES and the outline safety report.
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- (ii) Please state measures taken to minimise atmospheric and noise emissions  
Refer to Chapters 9 and 10 of the ES.
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- (iii) Please state proposed methods to be used to dispose of drilling wastes and other operational waste arisings  
Commercial disposal by licensed operators.
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- A5.5** Summarise specific restoration proposals  
Refer to Chapters 6 and 8 of the ES.