



Department of

**Enterprise, Trade  
and Investment**

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Energy Bill 2008

Petroleum Licence

Rathlin Energy Limited

And

Department of Enterprise, Trade and Investment

PL3/10 (Rathlin Basin)

**RATHLIN ENERGY LIMITED**

**Petroleum  
Licence**

**PL3/10 (Rathlin Basin)**

Dated 15<sup>th</sup> day of February 2011

Petroleum Licence

Rathlin Energy Limited

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Department of Enterprise, Trade and Investment

PL3/10 (Rathlin Basin)

## PETROLEUM (PRODUCTION) ACT (NORTHERN IRELAND) 1964

### THE DEPARTMENT OF ENTERPRISE, TRADE AND INVESTMENT

1. **THIS LICENCE** made the 15<sup>th</sup> day of February two thousand and eleven BETWEEN THE DEPARTMENT OF ENTERPRISE, TRADE AND INVESTMENT (hereinafter called "the Department" which expression shall where the context so requires or admits include its successors and assigns) of the one part and Rathlin Energy Limited having its registered office at 50 Bedford Street, Belfast, BT2 7FW (hereinafter called "the Licensee" which expression shall where the context so requires or admits include its assigns) of the other part **AND WHEREAS** the Licensee has applied to the Department for a Licence pursuant to the provisions of the Petroleum (Production) Act (Northern Ireland) 1964 to search and bore for and get petroleum within the lands hereinafter described **AND WHEREAS** the Department has agreed to grant such Licence on the terms and conditions hereinafter mentioned.

NOW IT IS HEREBY WITNESSED as follows:-

- a) The Department in pursuance of such application and agreement and in consideration of the royalties hereinafter reserved and made payable as specified in the Petroleum Production Royalties Regulations (Northern Ireland) 1965 [SR 1965 No 48] and the performance and observance by the Licensee of the terms and conditions hereinafter mentioned and in exercise of the powers conferred on it by Section 2 of the above-mentioned Act **HEREBY GRANTS** to the Licensee full and free and exclusive liberty and licence for a period of five years from the date hereof and thereafter during the continuance of this Licence to search and bore for and get petroleum within all those parts of the Counties of Antrim and Londonderry more particularly delineated and described on the map and list of Irish Grid co-ordinates annexed upon the following terms and conditions:-
- b) The Model Clauses in Schedule 2 to the Petroleum Production Regulations (Northern Ireland) 1987 [SR 1987 No 196] as amended by the Petroleum Production (Amendment) Regulations (Northern Ireland) 2010 [SR 2010 No 169] ("the Model Clauses") shall be deemed to be incorporated in this Licence with the following modifications:-
- i) In Clause 1(1) in the definition of "work programme" omit the words "Part I of".
  - ii) Omit Clause 2(2) and the words "Subject to paragraph (2)," in Clause 2(3).
  - iii) In Clause 2A(1)(b) omit the words from "or, in cases where" to "Part II of the work programme".
  - iv) In Clause 9(1) omit the words from "or in cases where the Department" to the end of the paragraph.

- v) In Clause 9 (2) after the words “shall be accompanied by a copy of an Ordnance Survey map for the relevant area drawn to the scale of 1:50,000” insert “or such other map as the Department may allow,”.
  - vi) In Clause 9 (2) for the words “at least 28 days written notice” substitute “at least 42 days notice”.
  - vii) In Clause 9 (3) for the words “within 14 days” substitute “within 28 days”.
- c) The Licence shall be subject to the following terms and conditions which are in addition to and not in derogation of anything in the said Model Clauses contained:
- i) The Licensee shall not carry out any work within or in close proximity to an Area of Special Scientific Interest (ASSI) without the prior written consent of the Department.
- d) The Licensee will pay all of the Department’s advertising and mapping costs incurred in the processing of this licence.
- e) The Licence shall be governed by, and interpreted in accordance with, the laws of Northern Ireland.

## SCHEDULE

### Work Programme

#### Year One

- i) Plan and commission new airborne gravity data acquisition over an area of at least 200km<sup>2</sup>.
- ii) Acquire Tellus airborne magnetic data over the licence area.
- iii) Carry out seismic modelling and plan seismic testing and VSP around Ballinlea No. 1, subject to accessibility.
- iv) Analysis of Ballinlea No. 1 well and test data, including poroperm, biostratigraphical and geochemical analysis.

#### Year Two

- i) Complete new gravity data acquisition; process, interpret and integrate results with existing onshore data.
- ii) Complete, as necessary, acquisition and testing of seismic including VSP at Ballinlea No. 1; process and use to plan new contingent 2D swath or 3D data within the licence area.
- iii) Continue integrated analysis of onshore data and initiate integrated analysis of onshore and offshore Rathlin Basin.
- iv) Identify drilling location and start well planning, preparation and permitting.

#### Year Three

- i) Produce economic models for the exploitation and production of prospects identified within onshore Rathlin Basin.
- ii) Drill a well to a minimum of 2700 metres depth, or to penetrate the Viséan (Ballycastle Group or equivalent) or older strata, whichever is reached first, subject to obtaining all necessary permissions.
- iii) Start new seismic data acquisition. (Contingent on results from VSP and testing).

#### Years Four and Five

- i) Complete, as necessary, the drilling and well testing programme and seismic data acquisition, and make full evaluation of data.
- ii) Depending on results from well and seismic, develop further programme of exploration and development.
- iii) Prepare for partial relinquishment and Second Term work programme.
- iv) Produce summary report for end of Initial Term.

***Deliverables: Copies of all reports and raw, processed and interpreted data will be supplied to the Department in hard copy and industry-standard digital formats.***

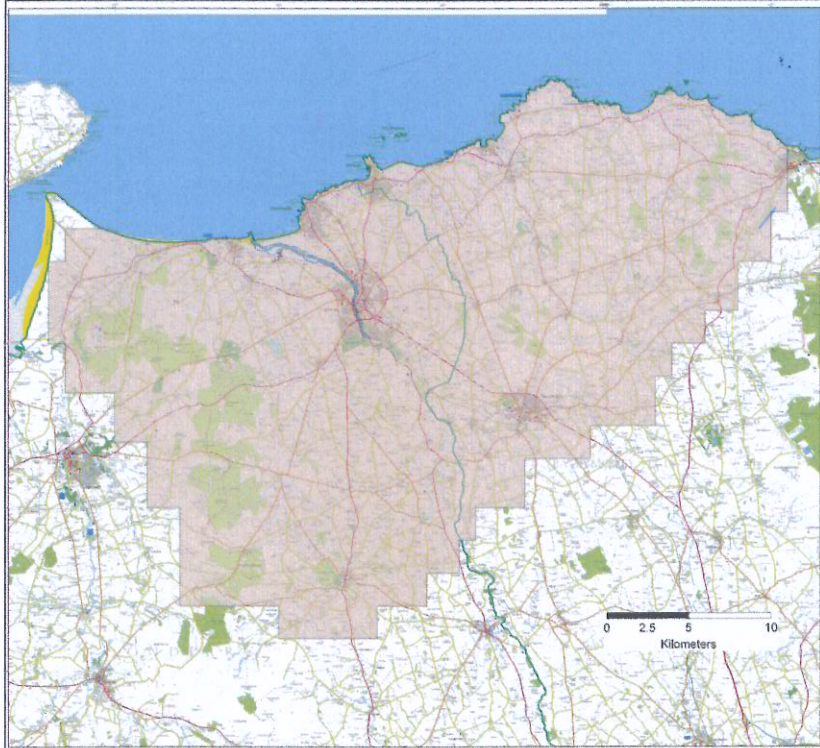


## ANNEX

Licence area boundary corner points, quoted as Irish Grid references:

	m EAST	m NORTH
From coast at	311,000	442,035
South to	311,000	438,000
	310,000	438,000
	310,000	435,000
	308,000	435,000
	308,000	432,000
	306,000	432,000
	306,000	430,000
	304,000	430,000
	304,000	428,000
	303,000	428,000
	303,000	425,000
	299,000	425,000
	299,000	423,000
	295,000	423,000
	295,000	420,000
	292,000	420,000
	292,000	418,000
	291,000	418,000
	291,000	416,000
	289,000	416,000
	289,000	414,000
	286,000	414,000
	286,000	412,000
	280,000	412,000
	280,000	414,000
	274,000	414,000
	274,000	420,000
	272,000	420,000
	272,000	420,000
	272,000	424,000
	270,000	424,000
	270,000	427,000
	267,000	427,000
	267,000	430,000
	266,000	430,000
	266,000	435,000
	267,000	435,000
	267,000	437,000
Following coast from	268,865	437,000
Eastwards to close at coast at	311,000	442,035

Petroleum Licence PL 3/10: Rathlin Basin - Rathlin Energy Limited



Licence:  
PL 3/10: Rathlin Basin  
Licensee:  
Rathlin Energy Limited. (100%)



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Location Map

