

# Petroleum Exploration & Development Offshore Ireland

## Acreage Report at 31 December 2020

### Petroleum Leases

A **Petroleum Lease** vests in the Lessee the exclusive right to produce petroleum from the leased areas.

Lease	Commencement Date	Block No. (p) = part block)	Area (km <sup>2</sup> )	Participants (* = Operator)	% Interest
<b><u>Offshore Petroleum Lease No. 1: Kinsale/Ballycotton</u></b>	7 May 1970	48/20, 48/25, 49/16 & 49/21	1,033.91	PSE Kinsale Energy Limited	100%
<b><u>Corrib Petroleum Lease</u></b>	15 November 2001	18/20 (p) & 18/25 (p)	29.6694	*Vermilion Exploration and Production Ireland Limited Nephin Energy Limited Equinor Energy Ireland Limited Vermilion Energy Ireland Limited	1.5% 43.5% 36.5% 18.5%
<b><u>Seven Heads Petroleum Lease</u></b>	13 November 2002	48/23 (p), 48/24 (p) & 48/29 (p)	87.02	*PSE Seven Heads Limited Island Oil and Gas Limited	87.5% 12.5%

(p) part block \* operator

## Lease Undertakings

A **Lease Undertaking** gives the Holder the right to a Petroleum Lease over that part of the area covered by the Undertaking.

<b>Undertaking</b>	<b>Licence Period</b>	<b>Block No. (p) = part block)</b>	<b>Area (km<sup>2</sup>)</b>	<b>Participants (* = Operator)</b>	<b>% Interest</b>
<b><u>Dunmore Lease Undertaking</u></b>	1 March 2016 – 28 February 2018 (extension under consideration)	50/6(p) & 50/7(p)	15.1778	*Providence Resources PLC Atlantic Petroleum (Ireland) Limited Sosina Exploration Limited Marginal Field Development Co	65.25% 16.50% 8.25% 10%
<b><u>Helvick Lease Undertaking</u></b>	1 March 2016 – 28 February 2018 (extension under consideration)	49/9(p)	4.6317	*Providence Resources PLC Atlantic Petroleum (Ireland) Limited Sosina Exploration Limited Lansdowne Oil and Gas Limited Marginal Field Development Co	56.25% 16.50% 8.25% 9% 10%
<b><u>Old Head of Kinsale Lease Undertaking</u></b>	1 March 2019 – 28 February 2022	49/17, 49/22 & 49/23	40.1434	*Island Expro Limited Company Valhalla Oil and Gas Limited St. Stephen's Energy Limited	65% 20% 15%
<b><u>Schull Lease Undertaking</u></b>	1 March 2019 - 28 February 2022	57/1 & 57/2	23.9184	*Island Expro Limited Company Valhalla Oil and Gas Limited St. Stephen's Energy Limited	62.5% 25% 12.5%

(p) part block      \* operator

## Petroleum Exploration Licences

A petroleum exploration licence vests in the holder the exclusive right of carrying out exploration for petroleum in a specific licensed offshore area. There are three types of licenses available, as follows:-

A **Standard Exploration Licence** is issued for a period of 6 years in respect of an area with water depths of up to 200 metres.

A **Deepwater Exploration Licence** is issued for a period of 9 years in respect of an area with water depths exceeding 200 metres.

A **Frontier Exploration Licence** is issued in respect of an area with special difficulties related to physical environment, geology or technology – where such an area is specified and announced by the Minister for the Environment, Climate and Communications as a ‘Frontier Area’. This licence type is valid for a period of not less than 12 years and comprises a maximum of 4 phases.

Licence	Licence Period	Block No. (p) = part block	Area (km <sup>2</sup> )	Participants (* = Operator)	% Interest
<u>1/04</u> Frontier	15 April 2004 – 31 December 2020	26/27 (p), 26/28, 35/2 (p) & 35/3 (p)	622.0148	*Island Assets Porcupine Limited Valhalla Oil and Gas (Porcupine) Limited Supernova Ireland Resources B.V.	41.5% 38.5% 20%
<u>3/04</u> Frontier	15 November 2004 – 14 November 2025	44/18, 44/23, 44/24, 44/29, & 44/30	1,295.6387	*Eni Ireland BV Repsol Exploracion Irlanda SA Providence Resources Plc Sosina Exploration Limited	36.913% 33.557% 26.846% 2.684%
<u>3/05</u> Frontier	1 July 2005 – 30 June 2022	18/10, 19/1 & 19/6	715.8703	*Island Rockall JV Limited Island Oil & Gas Limited	50% 50%
<u>4/06</u> Frontier	1 December 2006 – 30 November 2022	27/17 (p), 27/18, 27/22 (p) & 27/23	741.4741	*Island Oil and Gas Limited Lundin Exploration BV	50% 50%
<u>1/07</u> Standard	1 February 2007 – 30 June 2014 (extension under consideration)	41/25 (p), 42/21 (p), 41/30 (p), 42/26 (p), 50/5 (p) & 51/1 (p)	302.2209	Providence Resources Plc.	100%
<u>2/07</u> Standard	1 February 2007 – 31 January 2013 (Lease Undertaking under consideration)	50/11 (p)	65.3437	*Providence Resources Plc Atlantic Petroleum (Ireland) Limited Sosina Exploration Limited	72.50% 18.33% 9.17%

<b>Licence</b>	<b>Licence Period</b>	<b>Block No. (p) = part block</b>	<b>Area (km<sup>2</sup>)</b>	<b>Participants (* = Operator)</b>	<b>% Interest</b>
<b><u>3/08</u></b> Frontier	12 March 2008 – 31 December 2022	61/9, 61/10 & 62/6	801.5919	*Island Oil and Gas Limited Supernova Ireland Resources BV	50% 50%
<b><u>1/11</u></b> Standard	14 July 2011 – 13 July 2021	48/22(p), 48/23(p),48/24(p), 48/27(p), 48/28(p), 48/29(p) & 48/30(p)	613.9969	*Exola DAC Lansdowne Celtic Sea Limited	80% 20%
<b><u>1/13</u></b> Frontier	5 July 2013 – 4 July 2030	44/4(p), 44/5(p), 44/9(p), 44/10, 44/14(p), 44/15(p)	1051.7511	Antrim Exploration (Ireland) Limited	100%
<b><u>2/13</u></b> Frontier	5 July 2013 – 4 July 2028	43/9, 43/10(p), 43/14 & 43/15(p).	768.0209	Europa Oil and Gas (Ireland West) Limited	100%
<b><u>3/13</u></b> Frontier	5 July 2013 – 4 July 2028	54/1(p), 54/2, 54/6(p) & 54/7.	781.968	Europa Oil and Gas (Ireland East) Limited	100%
<b><u>5/13</u></b> Frontier	13 December 2013 – 12 December 2028	35/25(p), 35/30, 36/21(p), 36/26(p), 44/5(p) and 45/1(p)	712.3241	Woodside Energy (Ireland) Pty Limited	100%
<b><u>1/17</u></b> Frontier	1 July 2017 – 30 June 2032	54/3 and 54/8	522.5155	Europa Oil & Gas (Ireland East) Ltd	100%
<b><u>11/18</u></b> Frontier	1 April 2018 – 31 March 2033	54/11, 54/12, 54/13, 54/16, 54/17 & 54/18	1578.584	*Woodside Energy (Ireland) Pty Limited Petrel Resources plc	90% 10%
<b><u>12/18</u></b> Frontier	1 August 2018 – 31 July 2033	53/29(p), 53/30(p), 54/21, 54/22, 54/26, 54/27 & 61/5(p)	1405.276	Eni Ireland BV	100%
<b><u>1/19</u></b> Frontier	1 February 2019 – 31 January 2034	44/14(p), 44/15(p), 44/19, 44/20, 44/25, 45/21 and 45/26	1498.4821	AzEire Limited	100%

<b>Licence</b>	<b>Licence Period</b>	<b>Block No. (p) = part block</b>	<b>Area (km<sup>2</sup>)</b>	<b>Participants (* = Operator)</b>	<b>% Interest</b>
<b><u>2/19</u></b> Frontier	1 February 2019 – 31 January 2034	44/2(p), 44/3(p), 44/7(p), 44/8(p), 44/11(p), 44/12, 44/13(p), 44/16(p) and 44/17	1323.5121	*Providence Resources Plc Sosina Exploration Ltd	80% 20%
<b><u>3/19</u></b> Frontier	1 July 2019 – 30 June 2034	19/7, 19/8(p), 19/11(p), 19/12(p), 19/16(p) and 19/17	959.7287	*CNOOC Petroleum Europe Limited DNO North Sea (U.K.) Limited	80% 20%
<b><u>4/19</u></b> Frontier	1 August 2019 – 31 July 2034	18/14, 18/15, 18/19 and 18/20 (p)	945.0947	Europa Oil and Gas (Inishkea) Limited	100%

(p) part block

\* operator

## Licensing Options

A **Licensing Option** gives the Holder the first right to an Exploration Licence over all or part of the area covered by the Option.

Option No	Option Period	Block Nos. (p) = part block	Area (km <sup>2</sup> )	Participants (* = Operator)	% Interest
<b>16/26</b> Offshore	1 July 2016 – 30 June 2018 (follow- on application received)	18/24(p), 18/25(p), 18/29(p) and 18/30(p)	302.4861	*Predator Oil and Gas Ventures Limited Theseus Limited	50%  50%
<b>16/30</b> Offshore	1 December 2016 - 30 November 2019 (follow-on application received)	49/13(p), 49/14(p), 49/15(p), 49/18(p), 49/19, 49/20 and 49/23(p)	799.4052	*Predator Oil and Gas Ventures Limited Theseus Limited	50%  50%

(p) part block      \* operator

\*LO 16/31 expired with effect 30 November 2019 – follow on application withdrawn

\*LO 16/32 expired with effect 30 November 2019 – follow on application withdrawn

## Petroleum Prospecting Licences

A **Petroleum Prospecting Licence** is non-exclusive and confers on the Licensee the right to search for petroleum in any area where an Exploration Licence, Reserved Area Licence or Petroleum Lease is not in force.

Licence No.	No. of Years	Licence From	Licensee
1/19	3	23 April 2019	Providence Resources Plc
1/20	2	1 March 2020	Woodside Energy (Ireland) Pty

\*PPL 2/19 relinquished with effect 22 August 2020

\*PPL 3/19 relinquished with effect 8 October 2020

## Company Addresses

**Antrim Exploration (Ireland) Limited**, 192 Sloane Street, London, SW1X 9QX, United Kingdom

**Atlantic Petroleum (Ireland) Limited**, 2 Grand Canal Square, Dublin 2, D02 A342

**AzEire Limited**, 192 Sloane Street, London, SW1X 9QX, United Kingdom

**CNOOC Petroleum Europe Limited**, Prospect House, 97, Oxford Street, Uxbridge, UB8 1LU, United Kingdom

**DNO North Sea (U.K.) Limited**, 8 Waterloo Place, London, SW1Y 4BE

**Eni Ireland BV**, World Trade Center, 17th floor, B-Tower, Strawinskylaan 1727, 1077 XX Amsterdam, The Netherlands

**Equinor Energy Ireland Limited**, Regus House, Harcourt Centre, Harcourt Road, Dublin 2, D02 T677

**Europa Oil & Gas (Holdings) Plc**, 6 Porter Street, London W1U 6DD, United Kingdom

**Europa Oil & Gas (Inishkea) Limited**, 6 Porter Street, London W1U 6DD, United Kingdom

**Europa Oil & Gas (Ireland East) Limited**, 6 Porter Street, London W1U 6DD, United Kingdom

**Europa Oil & Gas (Ireland West) Limited**, 6 Porter Street, London W1U 6DD, United Kingdom

**Exola DAC**, Airfield House, Airfield Park, Donnybrook, Dublin 4, D04 CP49

**Island Assets Porcupine Limited**, c/o Ardilaun Energy, 3300 Lake Drive, City West Business Park, Dublin 24, D24 TD21

**Island Expro Limited Company**, c/o Ardilaun Energy, 3300 Lake Drive, City West Business Park, Dublin 24, D24 TD21

**Island Oil and Gas Limited**, c/o Ardilaun Energy, 3300 Lake Drive, City West Business Park, Dublin 24, D24 TD21

**Island Rockall JV Limited**, c/o Ardilaun Energy, 3300 Lake Drive, City West Business Park, Dublin 24, D24 TD21

**Lansdowne Celtic Sea Limited**, 6 Northbrook Road, Dublin 6, D06 PH32

**Lansdowne Oil & Gas PLC**, Paramount Court, Corrig Road, Sandyford Business Park, Dublin 18, D18 R9C7

**Lundin Exploration BV**, Amaliastraat 3-5, 2514 JC, The Hague, The Netherlands

**Marginal Field Development Company**, Castlefield House Liverpool Road, Manchester M3 4SB, United Kingdom



## Company Addresses (continued)

**Nephin Energy Limited**, 25-28 North Wall Quay, Dublin 1. D01 H104

**Petrel Resources plc**, 162 Clontarf Road, Dublin 3, D03 F6Y0

**Predator Oil and Gas Ventures Limited**, 3<sup>rd</sup> Floor Standard Bank House, 47-49 La Motte Street, St. Helier, Jersey, JE2 4SZ

**Providence Resources Plc**, Level 1, The Chase, Carmanhall Road, Sandyford Industrial Estate, Dublin 18, D18 Y3X2

**PSE Kinsale Energy Limited**, Mahon Industrial Estate, Blackrock, Co. Cork, T12 PW92

**PSE Seven Heads Limited**, Mahon Industrial Estate, Blackrock, Co. Cork, T12 PW92

**Ratio Petroleum Limited**, 85 Yehuda Ha'Levi Street, Tel Aviv 65796, Israel

**Repsol Exploracion Irlanda, S.A.**, C/ Mendez Alvaro 44 S/N, 28045 Madrid, Spain

**Sosina Exploration Limited**, St. James Square Secretaries Limited, 200 Strand, London WC2R IDJ, United Kingdom

**St. Stephen's Energy Limited**, 70 Sir John Rogerson's Quay, Dublin 2, D02 R296

**Supernova Ireland Resources B.V.**, Marsstrat 33, 2132 HR Hoofddorp, The Netherlands

**Theseus Limited**, 2a Lord Street, Douglas, Isle of Man, IM99 1 HP

**Valhalla Oil and Gas Limited**, 2nd Floor, Church Gate, 9-11 Church Street West, Woking, Surrey, GU21 6DJ, United Kingdom

**Valhalla Oil and Gas (Porcupine) Limited**, Peachey & Co LLP, 95 Aldwych, London WC2B 4JF, United Kingdom

**Vermilion Energy Ireland Limited**, 6 Northbrook Road, Ranelagh, Dublin 6, D06 PH32

**Vermilion Exploration and Production Ireland Limited**, Embassy House, Ballsbridge, Dublin 4, D04 H6Y0

**Woodside Energy (Ireland) Pty Limited**, 240 St Georges Terrace, Perth, Western Australia 6000