

Petroleum Exploration & Development Offshore Ireland

Acreage Position – February 2009

Petroleum Leases

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

| Lease | Commencement Date | Block Nos | Area (km ²) | Participants (* = Operator) | % Interest |
|--|-------------------|---|-------------------------|---|-----------------------|
| <u>Offshore Petroleum Lease No. 1: Kinsale/ Ballycotton</u> | 7 May, 1970 | 48/20, 48/25, 49/16 & 49/21 | 1,003.03 | *Marathon Oil Ireland Limited | 100% |
| <u>Corrib Petroleum Lease</u> | 15 November, 2001 | 18/20 (p) & 18/25 (p) | 29.28 | *Shell E&P Ireland Limited Statoil Exploration (Ireland) Limited Marathon International Petroleum Hibernia Limited | 45% 36.5% 18.5% |
| <u>Seven Heads Petroleum Lease</u> | 13 November, 2002 | 48/23 (p), 48/24 (p), 48/29 (p) & 48/30 (p) | 168.5 | *Marathon Seven Heads Limited Island Oil and Gas Plc Sunningdale Oils (Ireland) Limited | 86.5% 12.5% 1% |

(p) – part block

Offshore 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.

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 Communications, Energy and Natural Resources 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. | Area (km ²) | Participants (* = Operator) | % Interest |
|-------------------------|---|--|-------------------------|--|-------------------------------------|
| <u>2/94</u> Frontier | 15 March, 1994 – 14 March, 2012 | 12/2 (p), 12/3 (p), 12/7 (p), & 12/8 (p) | 465.6 | *Shell E&P Ireland Limited Eni Ireland BV STX Ireland Ltd OMV (Ireland) Exploration GMBH | 25% 40% 25% 10% |
| <u>3/94</u> Frontier | 15 March, 1994 – 14 March, 2012 | 18/14 (p), 18/15 (p), 18/19 (p) & 18/20 (p) | 467.2 | *Shell E&P Ireland Limited Statoil Exploration (Ireland) Limited Marathon International Petroleum Hibernia Limited | 45% 36.5% 18.5% |
| <u>5/94</u> Frontier | 15 March, 1994 – 14 March, 2012 | 19/2 (p), 19/3 (p), 19/4 (p), 19/7 (p), 19/8, 19/11 (p), 19/12 (p), 19/16 (p), 19/17 (p) & 19/21 (p) | 657.22 | *Statoil Exploration (Ireland) Limited Hess Exploration Ireland Limited Shell E&P Ireland Limited Shell E&P Ireland Offshore Inc. | 39.348% 42.065% 13.587% 5% |
| <u>7/97</u> Frontier | 4 June, 1997 – 3 June, 2013 | 11/20, 11/23 (p), 11/24, 11/25, 11/28 (p), 12/11 (p), 12/12 (p) & 12/16 (p) | 1,327.66 | *Eni Ireland BV | 100% |
| <u>1/99</u> Frontier | 15 March, 1999 – 14 March, 2014 | 43/19, 43/20, 43/24, 43/25, 43/28 & 43/29 | 1,553.62 | *Eni Ireland BV | 100% |
| <u>1/04</u> Frontier | 15 April, 2004 – 14 April, 2019 | 26/27 (p), 26/28, 35/2 (p) & 35/3 (p) | 622.06 | *Island Assets Porcupine Limited Valhalla Oil and Gas Limited Supernova Ireland Resources B.V. | 51.5% 38.5% 10% |
| <u>2/04</u> Frontier | 15 November, 2004 – 14 November, 2022 | 35/8 & 35/9 | 500.95 | *Providence Resources Plc Chrysaor E&P Ireland Limited Sosina Exploration Limited | 56% 30% 14% |

(p) – part block

Approx 50% of acreage under Frontier Exploration Licence 5/94 was relinquished with effect from 15 December 2008

Offshore Petroleum Exploration Licences (cont'd)

| Licence | Licence Period | Block No. | Area (km ²) | Participants (* = Operator) | % Interest |
|-------------------------|---------------------------------------|---|-------------------------|---|-------------------------------|
| 3/04 Frontier | 15 November, 2004 – 14 November, 2021 | 44/18, 44/23, 44/24, 44/29, & 44/30 | 1,295.27 | *ExxonMobil Exploration and Production Ireland (Offshore) Limited Providence Resources Plc Sosina Exploration Limited | 80% 16% 4% |
| 2/05 Frontier | 1 July, 2005 – 30 June, 2021 | 11/10, 11/15 & 12/1, 12/6 | 932.18 | *Shell E&P Ireland Limited Eni Ireland BV STX Ireland Ltd OMV (IRELAND) Exploration GmbH | 25% 40% 25% 10% |
| 3/05 Frontier | 1 July, 2005 – 30 June, 2021 | 18/10, 19/1 & 19/6 | 715.58 | *Island Rockall JV Limited OMV (Ireland) Killala Exploration GmbH | 50% 50% |
| 4/05 Standard | 1 November, 2005 – 31 October, 2011 | 49/17 (p), 49/22 (p) & 49/23 (p) | 258.49 | *Island Expro Limited Valhalla Oil and Gas Limited Encore Exploration Limited | 65% 20% 15% |
| 5/05 Standard | 1 November, 2005 – 31 October, 2011 | 48/26 (p), 48/27 (p), 57/1 (p), 57/2 | 664.2 | *Island Expro Limited Valhalla Oil and Gas Limited Encore Exploration Limited | 62.5% 25% 12.5% |
| 1/06 Frontier | 1 December, 2006 to 30 November, 2021 | 27/4, 27/5 (p) & 27/9 | 610.55 | *Serica Energy (UK) Limited RWE DEA AG | 50% 50% |
| 2/06 Frontier | 1 December, 2006 to 30 November, 2021 | 19/9, 19/13 & 19/17 (p) | 653.53 | *Statoil Exploration (Ireland) Limited Hess Exploration Ireland Limited Shell E&P Ireland Limited | 39.348% 42.065% 18.587% |
| 3/06 Frontier | 1 December, 2006 to 30 November, 2021 | 13/4 (p), 13/5 (p), 13/9 (p), 13/13 (p), 13/14 (p) & 14/1 (p), | 699.29 | *Island Oil and Gas plc Lundin Exploration BV Endeavour Energy UK Limited | 40% 40% 20% |
| 4/06 Frontier | 1 December, 2006 to 30 November, 2021 | 27/17 (p), 27/18, 27/22 (p) & 27/23 | 741.48 | *Island Oil and Gas plc Lundin Exploration BV | 50% 50% |
| 1/07 Standard | 1 February, 2007 – 31 January, 2013 | 41/25 (p), 42/21 (p), 41/30 (p), 42/26 (p), 50/5 (p) & 51/1 (p) | 622.87 | *Providence Resources P.l.c | 100% |

(p) – part block

Area held under Standard Exploration Licence 1/07 was extended from 558.75 km² to of 622.87 km² with effect from 19 November 2008

Offshore Petroleum Exploration Licences (cont'd)

| Licence | Licence Period | Block No. | Area (km ²) | Participants (* = Operator) | % Interest |
|-------------------------|-------------------------------------|--|-------------------------|---|---------------------------------------|
| 2/07 Standard | 1 February, 2007 – 31 January, 2013 | 49/8 (p), 49/9 (p), 49/13 (p), 49/14 (p), 49/18 (p), 49/19 (p), 50/6 (p), 50/7 (p), 50/11 (p), & 50/12 (p) | 368.65 | *Providence Resources P.l.c Challenger Minerals (Celtic Sea) Limited Dyas BV Forest Gate Resources Inc Atlantic Petroleum (Ireland) Limited Sosina Exploration Limited | 40% 15% 15% 15% 10% 5% |
| 3/07 Standard | 1 April, 2007 – 31 March, 2013 | 48/29 (p), 48/30 (p) & 49/26 (p) | 298.86 | *Providence Resources P.l.c Challenger Minerals (Celtic Sea) Limited Dyas BV Forest Gate Resources Inc Atlantic Petroleum (Ireland) Limited Sosina Exploration Limited | 40% 15% 15% 15% 10% 5% |
| 4/07 Standard | 1 August, 2007 – 31 July, 2013 | 49/11 (p), 49/12 (p), 49/13 (p), 49/17 (p) & 49/18 (p) | 542.37 | *Lansdowne Celtic Sea Limited | 100% |
| 5/07 Standard | 1 August, 2007 – 31 July, 2013 | 48/17 (p), 48/18 (p), 48/19 (p), 48/22 (p) & 48/24 (p) | 365.81 | *Lansdowne Celtic Sea Limited Island Expro Limited Sunningdale Oils (Ireland) Limited | 77% 22% 1% |
| 1/08 Frontier | 12 March, 2008 - 11 March, 2021 | 52/5, 52/10, 52/15, 53/1, 53/6 & 53/11 | 1570.3 | *ExxonMobil Exploration and Production Ireland (Offshore) Limited Providence Resources Plc Sosina Exploration Limited | 80% 16% 4% |
| 2/08 Frontier | 12 March, 2008 - 11 March, 2021 | 52/13 (p), 52/14, 52/18, 52/19, 52/20, 52/23 & 52/24 (p) | 1581.3 | *ExxonMobil Exploration and Production Ireland (Offshore) Limited Providence Resources Plc Sosina Exploration Limited | 80% 16% 4% |
| 3/08 Frontier | 12 March, 2008 - 11 March, 2021 | 61/9, 61/10 & 62/6 | 801.62 | *Island Oil and Gas Plc Supernova Ireland Resources BV | 50% 50% |
| 4/08 Frontier | 12 March, 2008 - 11 March, 2020 | 35/2 (p), 35/3 (p), 35/4, & 35/7(p) | 741.06 | *Providence Resources Plc Chrysaor E&P Ireland Limited Sosina Exploration Limited | 56% 30% 14% |

(p) – part block

Offshore Petroleum Exploration Licences (cont'd)

| Licence | Licence Period | Block No. | Area (km ²) | Participants (* = Operator) | % Interest |
|-------------------------|--------------------------------|-----------------------------------|-------------------------|------------------------------|------------|
| 5/08 Standard | 1 April, 2008 - 31 March, 2014 | 47/25 (p), 48/21 (p), & 48/22 (p) | 448.68 | * Milesian Oil & Gas Limited | 100% |

(p) – part block

Reserved Area Licence 1/05 (Shell E&P Ireland Limited, Statoil Exploration (Ireland) Limited and Marathon International Petroleum Hibernia Limited) expired on 31 December 2008

Onshore Petroleum Exploration Licences

| Licence | Licence Period | Location | Area (km ²) | Participants (* = Operator) | % Interest |
|---------------|-------------------------------------|---|-------------------------|-----------------------------|------------|
| ON1/05 | 1 November, 2005 – 31 October, 2011 | Northwest Carboniferous Basin, over parts of Counties Cavan and Leitrim | 209.51 | *Finavera Limited | 100% |
| ON2/05 | 1 November, 2005 – 31 October, 2011 | Northwest Carboniferous Basin, over parts of Counties Sligo, Leitrim, Cavan, Roscommon and Mayo | 1,069.47 | *Finavera Limited | 100% |

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. | Area (km ²) | Participants (* = Operator) | % Interest |
|--------------------|-----------------------------------|---|-------------------------|---|--------------------------|
| <u>06/1</u> | 1 September 2006 – 31 August 2009 | 61/14, 61/15, 61/17, 61/18, 61/19, 61/20, 62/11, 62/16, & 62/17 | 2410.05 | *Providence Resources Plc ExxonMobil Exploration and Production Ireland (Offshore) Limited. Sosina Exploration Limited | 16% 80% 4% |
| <u>07/1</u> | 1 September 2007 – 31 August 2009 | 49/15 (p), 50/7 (p), 50/8 (p), 50/11 (p), 50/12 (p) & 50/13 (p) | 374.51 | *Providence Resources Plc Challenger Minerals (Celtic Sea) Limited, DYAS B.V., Forest Gate Resources Inc Atlantic Petroleum (Ireland) Limited | 45% 15% 15% 10% |
| <u>07/2</u> | 5 November 2007 – 4 November 2009 | 56/10, 57/1 (p), 57/3, 57/6, 57/7, 57/8 & 57/9 (p) | 1565.09 | *Valhalla Oil & Gas Limited | 100% |
| <u>08/1</u> | 14 July 2008 - 13 July 2010 | 48/22 (p), 48/23 (p), 48/24 (p), 48/27 (p), 48/28 (p), 48/29 (p) & 48/30 (p) | 291.69 | *Lansdowne Celtic Sea Limited Providence Resources Plc Island Expro Limited | 40% 30% 30% |
| <u>08/2</u> | 18 August 2008 - 17 August 2011 | 32/25 (p), 33/16 (p), 33/17 (p), 33/18 (p), 33/21, 33/22 (p), 33/23 (p), & 33/26 (p). | 958.47 | *Providence Resources plc Star Energy Oil and Gas Ltd | 50% 50% |

(p) – part block

Approx 40% of acreage under Licensing Option 06/1 was relinquished with effect from 1 September 2008

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 |
|-------------|--------------|-------------------|--|
| <u>1/06</u> | 3 | 8 March, 2006 | Lansdowne Celtic Sea Limited |
| <u>2/06</u> | 3 | 22 May, 2006 | Shell E&P Ireland Limited |
| <u>3/06</u> | 3 | 12 June, 2006 | Fugro Data Services AG |
| <u>1/07</u> | 3 | 23 April, 2007 | Providence Resources P.l.c |
| <u>2/07</u> | 3 | 17 May, 2007 | GX Technology Corporation |
| <u>3/07</u> | 2 | 5 November, 2007 | Valhalla Oil & Gas Limited |
| <u>1/08</u> | 3 | 28 May, 2008 | ElectroMagnetic GeoServices ASA |
| <u>2/08</u> | 3 | 1 July, 2008 | ExxonMobil Exploration and Production Ireland (Offshore) Limited |
| <u>3/08</u> | 3 | 10 July, 2008 | Wavefield Inseis ASA |
| <u>4/08</u> | 3 | 27 November, 2008 | OHM Ltd |

Company Addresses

Atlantic Petroleum (Ireland) Limited, Suite 7, International House, Tara Street, Dublin 2

Challenger Minerals (Celtic Sea) Limited, 15375 Memorial Drive, Houston, Texas 77079-4101, USA

Chrysaor E&P Ireland Limited, 1st Floor, Fitzwilton House, Wilton Place, Dublin 2

DYAS B.V., Rijnkade 1, 3511 LC Utrecht, The Netherlands

ElectroMagnetic GeoServices ASA, Stiklestadveien 1, N/7041Trondheim, Norway

Endeavour Energy UK Limited, 33rd Floor City Point, One Ropemaker Street, London EC2Y 9UE, United Kingdom

Encore Exploration Limited, 70 Sir John Rogerson's Quay, Dublin 2

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

ExxonMobil Exploration and Production Ireland (Offshore) Limited, 50 Shirley Street, Nassau, New Providence, The Bahamas

Finavera Limited, Office C4, M4 Business Park, Celbridge, Co. Kildare

Forest Gate Resources Inc., 1 Place Ville Marie, Suite 2125, Montreal, Quebec, H3B 2C6, Canada

Fugro Data Services AG, Bahnhofstr.29, PO Box 4245, CH-6304, Zug, Switzerland

GX Technology Corporation., 2101 CityWest Blvd., Building III, Suite 900, Houston, TX 77042 ; USA

Hess Exploration Ireland Limited, Caledonian House, Dr. Roy's Drive, P.O. Box 1043GT, George Town, Grand Cayman, Cayman Islands

Island Assets Porcupine Limited, 27 Lower Mount Street, Dublin 2

Island Expro Limited, 27 Lower Mount Street, Dublin 2

Island Oil and Gas Plc, 27 Lower Mount Street, Dublin 2

Island Rockall JV Limited, 27 Lower Mount Street, Dublin 2

Lansdowne Celtic Sea Limited, 26 Upper Pembroke Street, Dublin 2

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

Marathon International Petroleum Hibernia Limited, Mahon Industrial Estate, Blackrock, Co. Cork

Marathon Oil Ireland Limited, Mahon Industrial Estate, Blackrock, Co. Cork

Marathon Seven Heads Limited, Mahon Industrial Estate, Blackrock, Co. Cork

Milesian Oil & Gas Limited, 26 Upper Pembroke Street, Dublin 2

Company Addresses (continued)

OHM Ltd., The Technology Centre, Claymore Drive, Aberdeen AB23 8GD ,United Kingdom

OMV (Ireland) Exploration GMBH. Gerasdorferstrasse 151, A – 1210 Vienna, Austria

OMV (Ireland) Killala Exploration GMBH. Gerasdorferstrasse 151, A – 1210 Vienna, Austria

Providence Resources Plc. Airfield House, Airfield Park, Donnybrook, Dublin 4

RWE DEA AG. Uberseering 40, 22297 Hamburg, Germany

Serica Energy (UK) Limited. 52 Bedford Row, London WC1R 4LR, United Kingdom

Shell E&P Ireland Limited. Corrib House, 52 Lower Leeson Street, Dublin 2

Shell E&P Ireland Offshore Inc., Corrib House, 52 Lower Leeson Street, Dublin 2

Sosina Exploration Limited. Chandos Place, Covent Garden, London WC2N 4HS, United Kingdom

Star Energy Oil and Gas Ltd. Burdett House, 15/16 Buckingham Street London WC2N 6DU

Statoil Exploration (Ireland) Limited. Statoil House, 6 George's Dock, IFSC, Dublin 1

STX Ireland Limited. 1 Stokes Place, St Stephens Green, Dublin 2_

Sunningdale Oils (Ireland) Limited. Sandy Lodge, Sandy Lane, Kingswood, Surrey, KT20 6ND, England

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

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

Wavefield Inseis ASA. Strandveien 15, P.O. Box 123, N-1325 Lysaker, Norway