# Lansdowne oil & gas

Oil Barrel Conference London June 7<sup>th</sup> 2011



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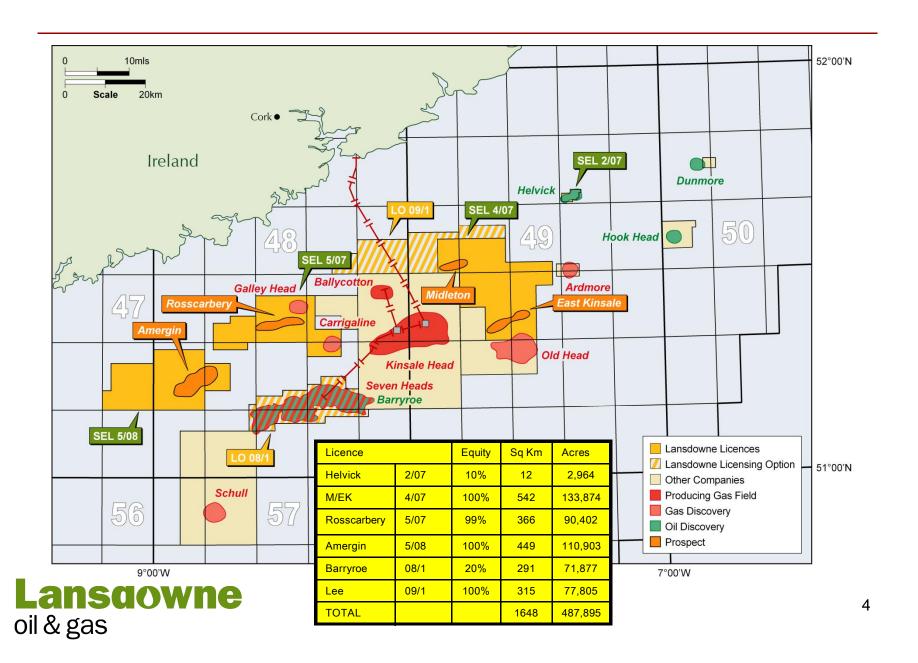


#### **Lansdowne - Our Business**

- Focus on underexplored North Celtic Sea Basin with its proven petroleum systems for oil & gas
  - Four Licences
  - Two Licensing Options
- Balanced portfolio of:
  - Contingent oil resources on discovered oilfields
  - Low-risk gas satellite prospects near existing infrastructure
  - Additional oil prospects/play fairway with upside potential
- Leverage technical & commercial experience
  - Extensive knowledge base of region competitive advantage
  - Utilising latest technology 3D seismic
- Seek to enhance value at front end of exploration & appraisal cycles and realise value opportunistically



#### **Lansdowne - Celtic Sea Licenses**



# **Lansdowne - Directors & Management**

- John Greenall, Non-Executive Chairman
  - currently non-executive Director, RP&C International, investment bank
  - former head of corporate broking at Investec; former partner RC Greig & Co; and head of corporate broking Greig Middleton
- Dr Stephen Boldy, *Chief Executive Officer* 
  - former International Exploration Manager, Amerada Hess Corporation
  - petroleum geologist with 30 years in E&P worldwide including Ireland
- Emmet K Brown, Business Development Director
  - former Managing Director Atlantic Resources Plc & Tuskar Resources Plc;
     founder & Managing Director of Milesian Oil Ltd
  - petroleum geologist with 35 years in E&P worldwide including former Chief Geologist for Marathon Oil, Egypt and Ireland
- Christopher Moar, Finance Director & Company Secretary
  - Chartered Accountant currently Finance Director, SeaEnergy PLC
- Non-Executive Directors: Steven Bertram, Steven Lampe & Viscount Tim Torrington



#### **Lansdowne – Strategy**

- Add value to existing portfolio of focused opportunities
  - Through utilisation of 3D seismic technology in proven oil & gas province
- Acquire 3D Seismic in June/July 2011
  - Over Barryroe oil discovery
  - > Over three prospects
  - > Improved imaging and attributes
  - > Risk reduction ahead of drilling programme in 2011/12
    - Barryroe Appraisal Well 2011
    - Amergin, Rosscarbery & Midleton exploration wells 2012
- Form Joint Ventures with industry partners ahead of drilling



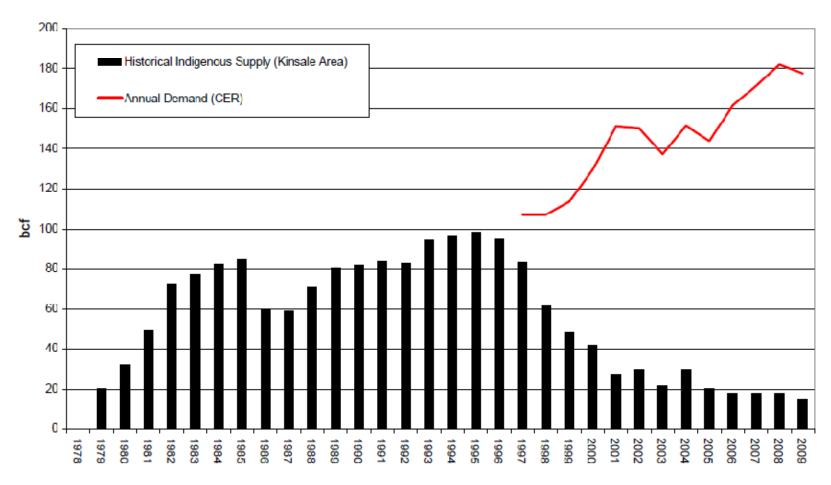
#### Ireland - Fiscal/Commercial Drivers

- Excellent fiscal terms
  - Corporation Tax 25%
  - Additional Profit Resource Rent Tax (PRRT) 5% 15%
  - Maximum tax take of 40% in event of high profitability
  - Tax Regime offers protection against lower oil and gas prices
- Buoyant undersupplied gas market
  - Strong growth over 15 years driven by increased natural gas fired electricity generation
  - More than 90% of gas imported from UK via interconnectors
  - Gas price linked, but at a premium, to UK NBP
  - Security of supply an increasing concern driving search for indigenous gas



# **Ireland - Gas Supply and Demand**

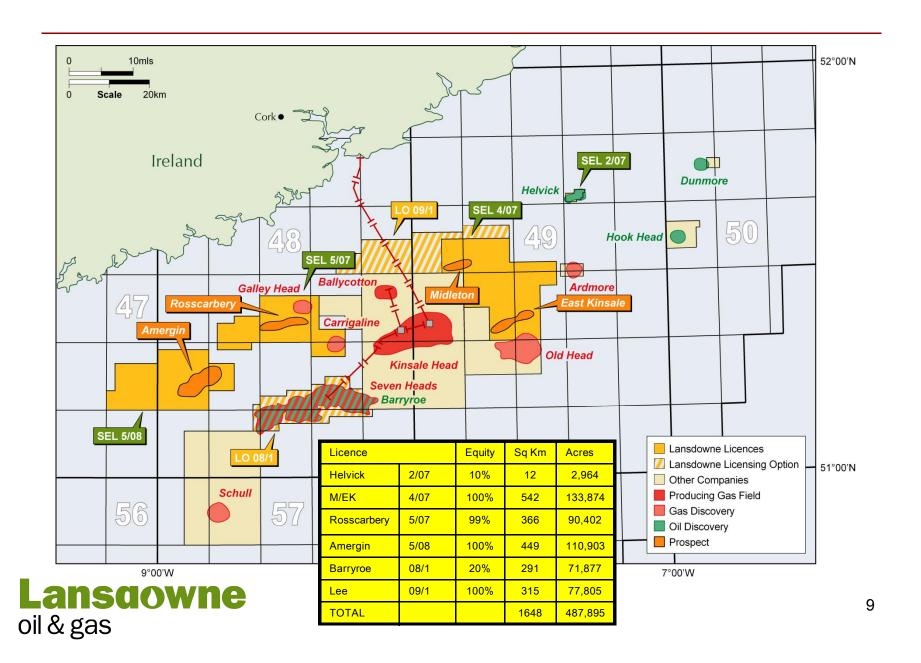
#### Ireland's Annual Gas Demand and Indigenous Supply





Source: DCENR PAD Website

#### **Lansdowne - Celtic Sea Licenses**



# **Oil Prospect Valuation Details 2011**

		RPS, Competent Persons Report, 2011			
		P50 Gross Technically recoverable Oil MMBO	P50 Net Technically Recoverable Oil MMBO	Risk Factor COS	NPV @ 10% \$MM Net
Barryroe	Appraisal	59	12	N/A	227
Helvick	Appraisal	3	0.3	N/A	3
Amergin	Exploration	62	62	16% & 22%	1242
Total		124	74.3		1472

All figures from RPS CPR 2011

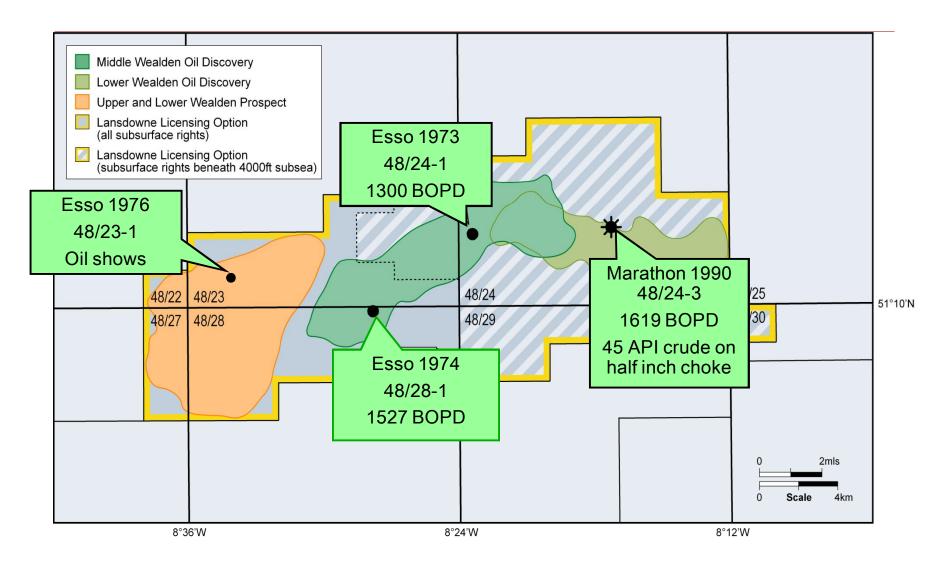
Assumptions: Gas: £5 per Mcf

Oil Price: \$85.00 2011, \$87.00 2012,\$88.00 2013, \$90.65 2014, \$92.47 2015, \$94.32

2016, \$96.20 2017, 2018 onwards + 2% per annum



# **Barryroe Oilfield - Outline Map**





# **Barryroe Oil**

Licence Group

Providence Resources (	Operator)	50%
------------------------	-----------	-----

- San Leon Energy 30%
- Lansdowne Oil & Gas20%
- Shallow water 330 340ft
- Reservoirs c. 4200 c.7500 ft subsea
- Proven contingent oil resource
  - P50 STOIIP 373 MMBBL
- Waxy oil sourced from the underlying Upper Jurassic



#### **Barryroe Oil – Forward Programme**

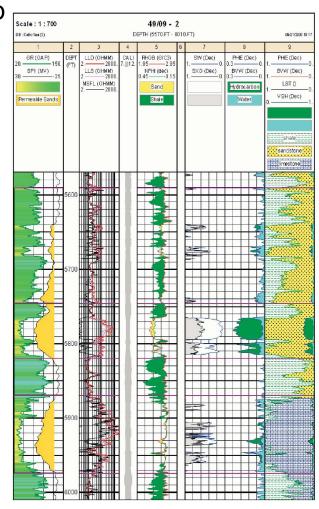
- 3D seismic Q2 2011
  - Polarcus Samur to commence acquisition in June
    - > 220 sq km programme



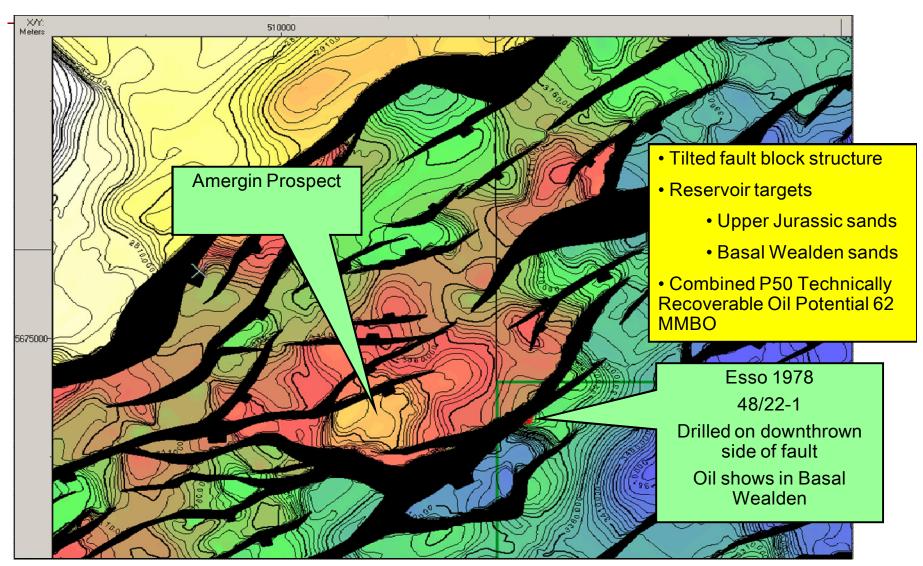
- Further appraisal drilling 2011/2012
  - Rig secured (GSF Arctic III) by Operator Providence for August 2011
  - > Twin 48/24-3 with modern completion
  - > Obtain additional reservoir data

## **Upper Jurassic Play Fairway**

- Helvick (49/9-2 well) discovery opened up Upper Jurassic sands Play Fairway along northern margin of the basin
  - High deliverability (cumulative 9901 bopd) reservoir sands
  - Good quality, light (44 API) and non-waxy oil sourced from Lower Jurassic (Liassic) source rocks
- Play pursued in area immediately adjacent to Helvick, but not extended to southwest along fairway
- Lansdowne has built up extensive acreage position along this fairway through the Amergin – Rosscarbery acreage
- Amergin targeted as first Jurassic prospect to be tested



# **Amergin - Oil Prospect**



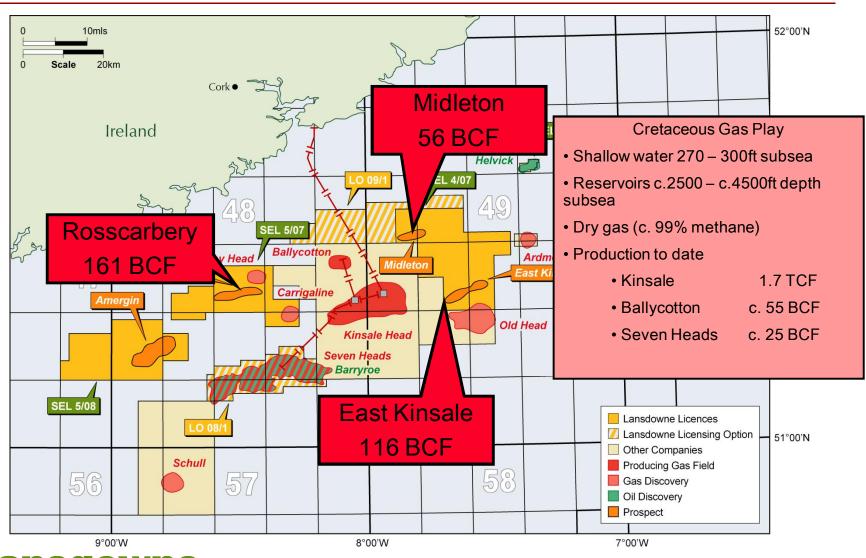
# **Gas Prospect Valuation Details 2011**

		RPS, Competent Persons Report, 2011			
	Status	Gross P50 Technically Recoverable BCF/MMBO	Net P50 Technically Recoverable BCF/MMBO	Risk Factor COS	NPV10% \$MM Net
Midleton	Satellite	56	56	26%	42.5
Rosscarbery	Satellite				
"A" Sand / Greensand		98	97	29%	124.5
Wealden SS		63	62	36%	35.6
Basal Wealden Oil		19 MMBO	18.8 MMBO	14%	446.3
East Kinsale	Satellite				
"A" Sand / Greensand		42	42	9%	
Wealden SS		74	74	24%	44.1
Total			331 BCF 18.8 MMBO		693

oil & gas

Assumptions: Gas: £5.00 per Mcf

#### **Key Gas Prospects**



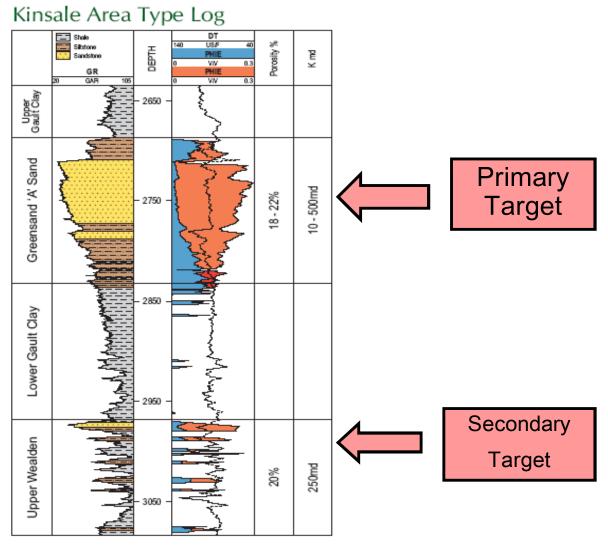
#### **Cretaceous Gas Reservoirs**

Greensand or A Sand		
Producing	Kinsale Ballycotton	
Discoveries	Galley Head	
Target	Rosscarbery Midleton East Kinsale	

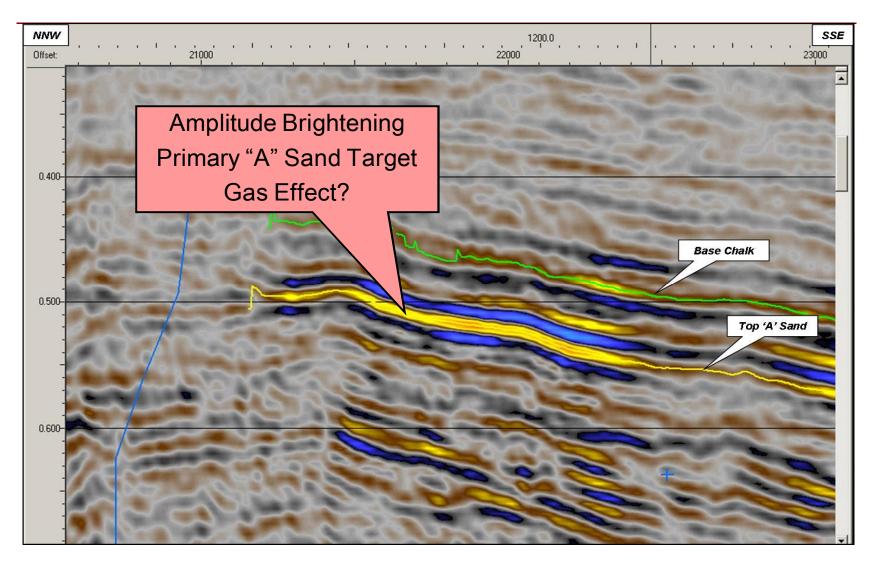
Wealden	
Producing	Kinsale Seven Heads
Discoveries	Old Head, Schull, Carrigaline, Ardmore
Target	Rosscarbery East Kinsale





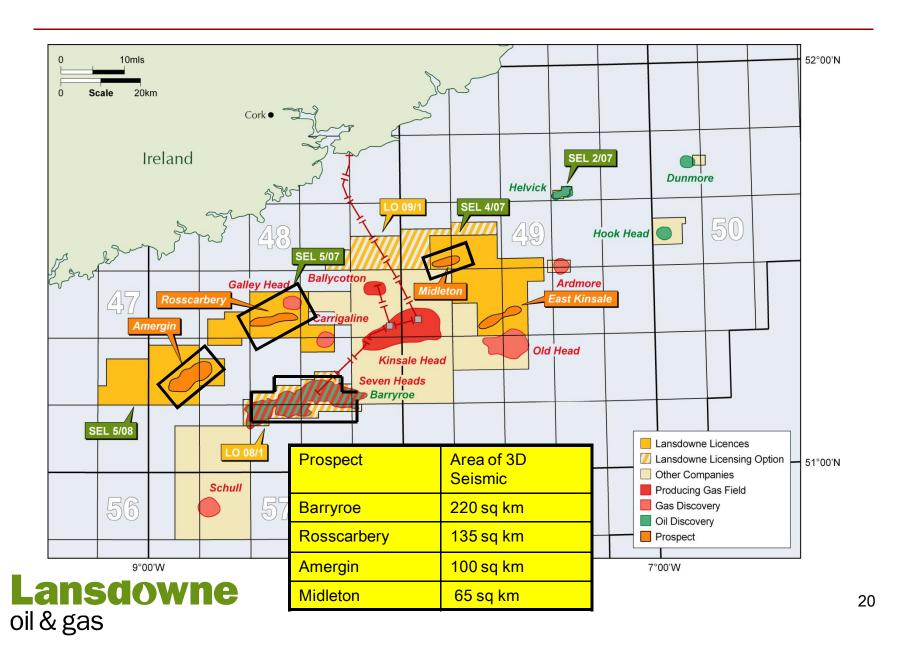


#### **Amplitude Support: Midleton**





## **Planned 3D Seismic Programme**



# **Corporate Details**

Ticker	LOGP	
M/Cap	£14.0m	
Share Price	17.25 p	
ISC	81.5 m	
Options / Warrants	3.15 m	
Fully Diluted	84.65	



Significant Shareholders As at 9 May2011	Shares	Current%
Lampe Conway	23,134,158	28.39
SeaEnergy PLC	18,765,509	23.03
T Anderson	12,252,916	15.03
Directors	4,009,002	5.44

#### **Summary**

- Extensive acreage position in offshore shallow water basin with proven oil and gas petroleum systems
  - Oil appraisal/development projects
  - Low risk gas satellite prospects within tie-back range of established infrastructure with spare capacity
  - Moderate risk oil prospects with potentially significant upside
- Leverage experience and knowledge base in underexplored basin using latest technology
- Good fiscal terms
- Position Lansdowne for active drilling programme in 2011/2012 following 3D seismic shoot in 2011



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