

IGas Energy plc

Executive Summary of Barton Moss Well Results

November 2014



Barton Moss Well Operations Summary

Successful Operations

- Barton Moss was successfully drilled to a depth of 7,004ft
- The well drilled a full stratigraphic sequence of Pennine Coal Measures, encountering 15 coal seams with a net thickness of 77ft
- Additionally the well penetrated:
 - Millstone Grit Group
 - Upper and Middle Sabden Shales
 - Pendle Grit
 - Bowland Shale
 - Pendleside Limestone

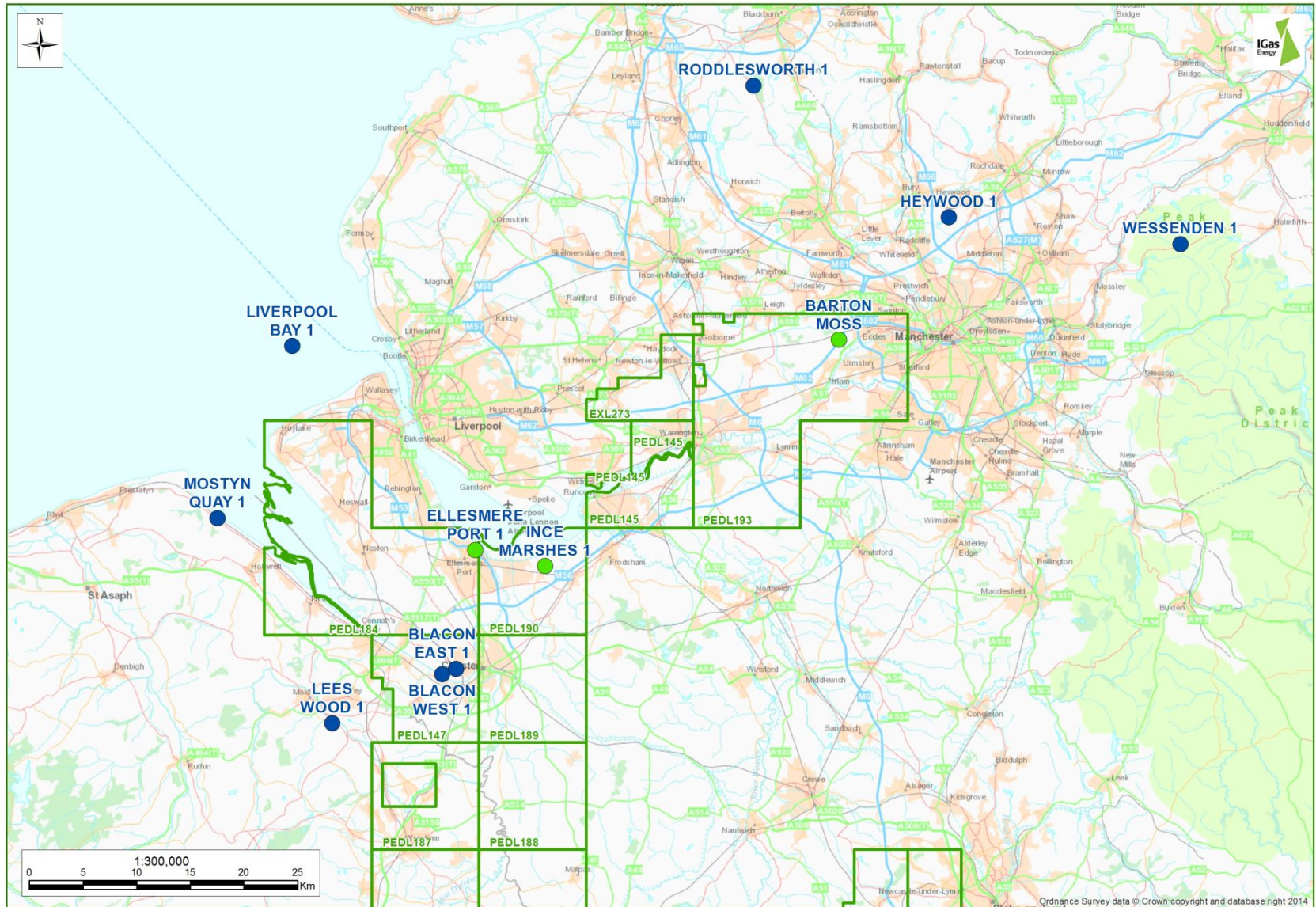
Core & Logging

- Sidetracking the main bore facilitated the taking of 384ft of continuous core between the Upper Sabden - Pendleside Limestone
- Core analysis is being completed with key geochemical and rock petrophysics data now available
- Advanced wireline logging tools were run across key intervals in order to undertake a comprehensive formation evaluation

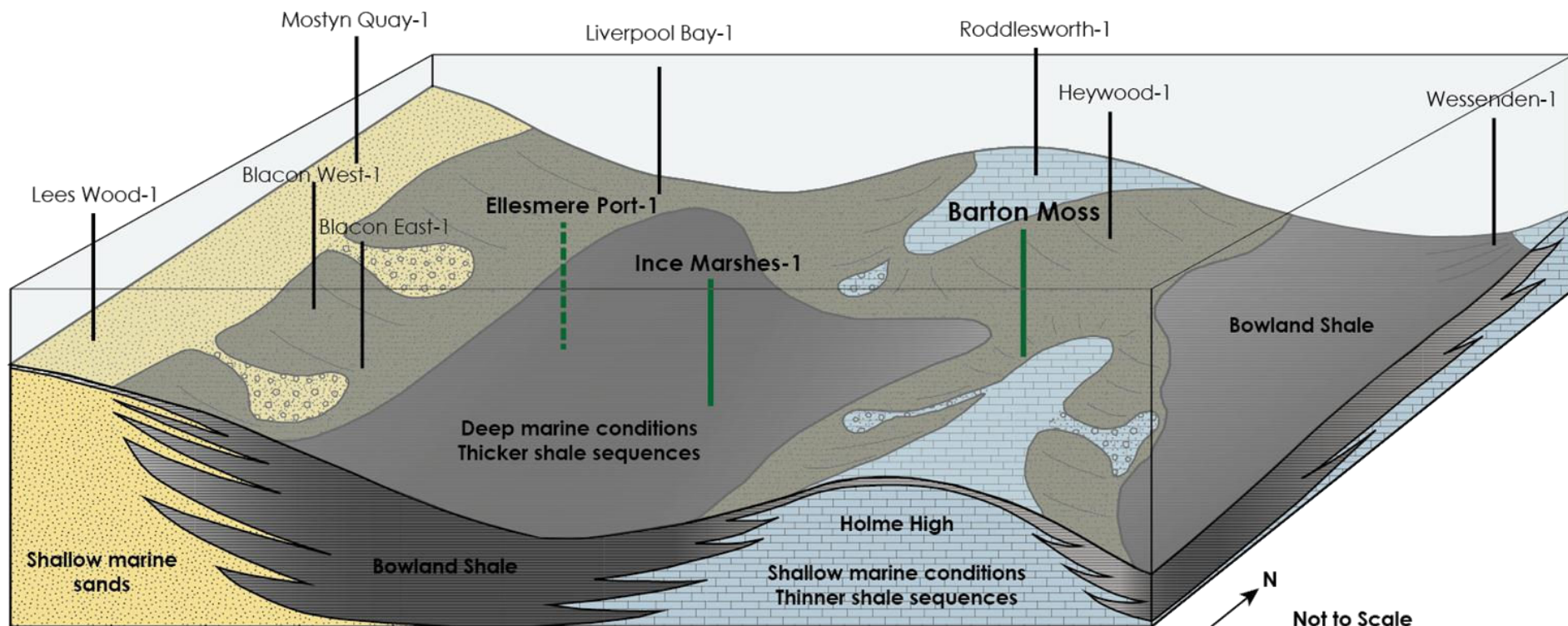
Safety Record

- The well was suspended in accordance with API and HSE regulations
- There were no safety related Lost Time Incidents (LTI's)

IGas Licences within the North West

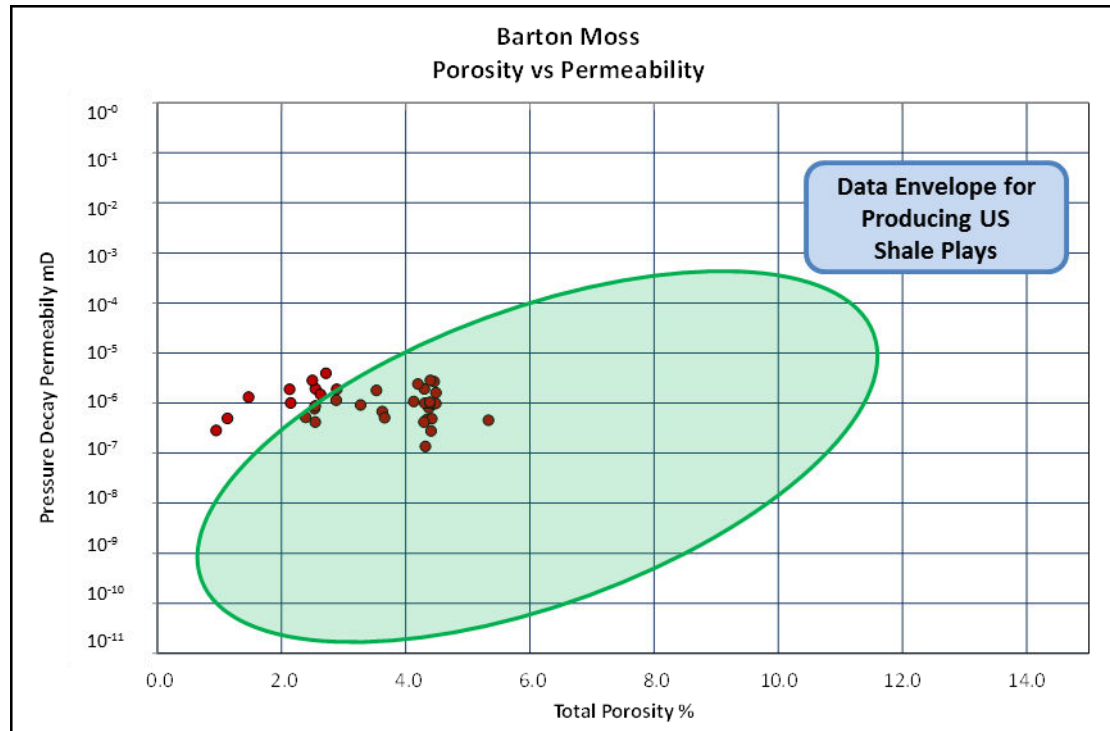


North West Geological Model



Barton Moss Key Core Analysis Results

Formation	Average TOC (%)	Maturity	Porosity (%)	Permeability (μD)
Upper Sabden	1.6 (up to 2.1)	Gas Window	3.3 – 5.3	0.03
Middle Sabden	2.4 (up to 5.7)	Gas Window	0.9 – 4.5	0.02
Bowland Shale	1.8 (up to 2.4)	Gas Window	1.1 – 2.9	0.03



Data Source: collation of various journals/presentations

Barton Moss Core Mineralogy Results

