

Atlantic Ireland

An exciting petroleum province

PAD Special Publication 2/05



**Engineering Downtime Analysis &
Cost Effective Drilling Offshore Ireland
Available Now!**

Engineering downtime analysis of all Irish exploration wells drilled to date provides indicative drilling time-depth curves that could be used as a reference for estimating budgets for summer drilling in different sectors offshore Ireland. The downtime analysis allows recommendations to be made to improve drilling performance offshore Ireland. Wells were grouped for analysis into 5 areas with similar metocean and subsurface conditions: 1. Central Irish Sea and Kish Bank Basins; 2. North and South Celtic Sea and Fastnet Basins. 3. Erris, Slyne and Donegal Basins. 4. Porcupine and Goban Spur Basins and 5. Rockall Basin. Well data was tabulated and charts produced for each area in order to examine historical drilling activity, establish time vs depth curves for each area, determine most significant areas for drilling downtime and identify where improvements have been made over 30 years of offshore drilling in Ireland.

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