

May 10, 2007

PANTHEON RESOURCES PLC

Production Update – April 2007

The Board of Pantheon Resources (“Pantheon”) announces that the company’s combined production on a working interest basis averaged 79.6 thousand cubic feet a day (“mcf”) in April 2007.

Pantheon’s historic monthly production is provided in Table 1..

Table 1: Monthly Net Production on Working Interest Basis (mcf)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
2006									2.1	33.5	28.3	35.1
2007	42.1	113.1	107.5	79.6								

Pantheon now has three producing fields in the Project Wharton area. This should be augmented shortly by a fourth with the Baptist discovery. Despite its current small size, production at Project Wharton is providing a solid earnings base. The Company has at least a further 13 prospects on its Project Wharton venture remaining to be drilled. The historic high exploration success rate gives confidence for further growth.

In accordance with the AIM Rules, the information in this report has been reviewed and signed off by Mr Robert Rosenthal, (BSc Geology, MSc Geology), Technical Director at Pantheon Resources Plc, who has over 30 years relevant experience within the sector.

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