Letter of Appreciation and Acknowledgement

Shell International Wells Technology would like to thank Electroproject for their leading role in developing a new integrated Soft Torque System on the Noble Hans Deul rig in March 2009.

Soft Torque is a Shell Patented method to mitigate torsional drilling vibrations, which cause detrimental effects to drilling performance and equipment.

Electroproject were a main provider of expertise to improve the Soft Torque system for AC rigs, following a long period of inferior performance of the existing commercial systems.

With Electroproject’s help as subcontractor to Noble Drilling, Shell developed a new system, which was tested on the Noble Hans Deul rig. The results were overwhelmingly positive, and demonstrated the ability of the Shell technology to be applied to AC rigs.

Shell wishes specially to acknowledge Andre Veltman (PIAK Electronic Design BV), subcontractor to Electroproject, for his knowledgeable and innovative insights while developing the system. He clearly played a pivotal role in the successful result.

Shell believes that the new integrated system that will deliver in an industry wide step change in improved drilling performance for AC rigs.

Please receive our thanks and appreciation for your contribution.

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Executive Vice President Wells  

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