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Cove Energy plc

Windjammer Encounters Additional Gas Pay in Deeper Objective

Cove Energy plc ("the Company" or "Cove", AIM: COV), the AIM quoted upstream oil and gas company, is pleased to announce that an additional 76 net feet of natural gas pay has been encountered in a deeper objective in the Windjammer exploration well, the first in a minimum four deep water wells offshore programme operated by Anadarko Petroleum Corporation (Anadarko), in the frontier Rovuma Basin offshore Mozambique (Cove Energy paying interest 10%, net 8.5%). Following on from the discovery announcement of February 18th last, this additional deep pay brings the total net feet of natural gas pay in Windjammer to more than 555 feet.

The Windjammer discovery well has reached a total depth of 16,930 feet and will be suspended after which the Belford Dolphin drill ship will move south to the Collier well site.

John Craven, CEO of Cove said:

"Windjammer has been an enormous success. The additional deeper gas is a real bonus for Cove shareholders particularly following the announcement of 18th February 2010 which confirmed 480 net feet of natural gas pay in high-quality reservoir sands. The extensive net gas columns encountered in Windjammer underpin the significant hydrocarbon potential of our offshore Rovuma block. We are looking forward to working with our partners in our continuing drilling programme with the Belford Dolphin"

Anadarko also released the following Windjammer update today:

"In deepwater Mozambique, Anadarko reached total depth of approximately 16,930 feet in the Windjammer discovery well and encountered an additional 76 net feet of natural gas pay. The additional pay intersected in the deeper objective brings the total net feet of natural gas pay in Windjammer to 555 feet. Windjammer is located about 30 miles east of the Mozambique coastline in approximately 4,800 feet of water. Anadarko next plans to move the Belford Dolphin drillship approximately 50 miles south-southeast to drill its Collier prospect.

Anadarko is the operator with an approximate 43-percent paying interest in Windjammer. Co-owners in the well are BPRL Ventures Mozambique B.V. (11.75 percent), Cove Energy Mozambique Rovuma Offshore, Ltd. (10 percent), Mitsui E&P Mozambique Area 1, Limited (23.5 percent) and Videocon Mozambique Rovuma 1 Limited (11.75 percent). Empresa Nacional de Hidrocarbonetos, ep's 15-percent interest is being carried through the exploration phase."

- Ends -



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John Craven, Chief Executive Officer of Cove, and a qualified person as defined in the Guidance Note for Mining, Oil and Gas Companies, March 2006, of the London Stock Exchange, has reviewed and approved the technical information contained in this announcement. Mr Craven is a petroleum geologist with approximately 35 years' experience.

Notes to Editors

Cove Energy is an AIM quoted E&P company with a strategy to identify and acquire oil and gas assets in the early phase of the upstream life-cycle and mature them into marketable opportunities for the medium and larger oil and utility companies.

The Company's initial focus is on Africa and the Mediterranean. Current operations in Mozambique include the Rovuma Onshore Area where Cove holds a 10% interest in the EPCC and an 8.5% interest in the EPCC covering Rovuma Offshore Area 1. A four well programme on Rovuma Offshore 1 (which includes the Windjammer discovery), planned through to the end of 2010, commenced in December 2009.

Anadarko Petroleum Corporation is the Operator of both Mozambique EPCCs.

Cove Energy also has a 16.38% interest in petroleum operations (other than exploration operations) and a 20.475% interest in exploration operations in the Tanzanian Mnazi Bay concession, including the Mnazi Bay Production Sharing Contract, which contains the Mnazi Bay and Msimbati gas fields. Maurel & Prom is the Operator of these assets.

Cove operates with a minimum level of staffing but with a larger experienced "virtual" skills-pool from where it can draw on relevant experience on a case-by-case basis. The Company intends to partner and joint venture with investors and associates who will support Cove Energy with commercial skills and influence in areas where the Company intends to grow its business.

Cove Energy has a strong management team with a wealth of experience in oil and gas operations. Michael Blaha, Executive Chairman and formerly Country Chairman for Royal Dutch Shell Group in Algeria, is a petroleum engineer with twenty-nine years industry experience, his entire career spent working at Shell. John Craven, Chief Executive Officer and formerly founder and, until March 2009, CEO of Petroceltic International plc, is a petroleum geologist with thirty five years experience in senior technical and commercial roles in upstream oil and gas exploration and production companies.

www.cove-energy.com