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Cove Energy plc

Mozambique Deepwater Discovery

Cove Energy plc ("the Company" or "Cove", AIM:COV), the AIM quoted upstream oil and gas company, is pleased to announce a significant discovery at the Windjammer exploration well, the first in a minimum 4 well offshore programme operated by Anadarko Petroleum Corporation (Anadarko), in the frontier Rovuma Basin offshore Mozambique (Cove Energy 10%).

John Craven, CEO of Cove said:

"The Windjammer success is a great result for Cove shareholders. The well encountered a substantial hydrocarbon column in excellent quality reservoirs. Importantly this discovery, the first of its kind offshore east Africa, unlocks the hydrocarbon potential of a new petroleum province in the Rovuma basin offshore Mozambique and paves the way for more success in our fully funded ongoing deepwater drilling campaign.

"Windjammer has propelled Cove from start-up to deepwater success in less than a year; participating in a consortium, which has the necessary exploration, development and marketing skills to fully exploit the potential of this new hydrocarbon province."

The full text of Anadarko's release is copied below:

ANADARKO ANNOUNCES FIRST DEEPWATER DISCOVERY OFFSHORE MOZAMBIQUE

HOUSTON, Feb. 18, 2010 – Anadarko Petroleum Corporation (NYSE: APC) today announced the Windjammer exploration well in the frontier Rovuma Basin offshore Mozambique has reached an intermediate casing point and encountered more than 480 net feet of natural gas pay in high-quality reservoir sands, with a gross column of more than 1,200 feet. To date, this well has tested one of the seven identified play types in Anadarko's operated acreage offshore Mozambique.

"The intermediate results of the Windjammer well are very positive for the partnership and the people of Mozambique," said Bob Daniels, Anadarko Sr. Vice President, Worldwide Exploration. "This is true rank wildcat exploration, and to have our first deepwater exploration well result in a discovery with more than 480 net feet of pay is an excellent indication of the potential of this basin. The Windjammer discovery de-risks a substantial portion of approximately 50 leads and prospects that we've identified across our 2.6-million-acre position in the basin."

To date, the Windjammer well has been drilled to a depth of approximately 14,000 feet in about 4,800 feet of water approximately 30 miles east of the Mozambique coastline. The company anticipates drilling another 4,100 feet in this well to gain additional geological information prior to reaching total depth.

After testing the deeper objectives in the well, Anadarko plans to move the Belford Dolphin drillship to its Collier prospect less than 50 miles south-southeast of Windjammer. Anadarko also



expects to drill two to four additional exploration wells in the Rovuma Basin this year, with initial well results from Windjammer and Collier determining which prospects are drilled next.

Anadarko is the operator with an approximate 43-percent paying interest in the well. 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 was carried through the exploration phase.

A map of the Windjammer discovery and Anadarko's acreage offshore Mozambique will be available under the "Media Center/Anadarko News" tab at www.anadarko.com.

Anadarko Petroleum Corporation's mission is to deliver a competitive and sustainable rate of return to shareholders by exploring for, acquiring and developing oil and natural gas resources vital to the world's health and welfare. As of year-end 2009, the company had approximately 2.3 billion barrels-equivalent of proved reserves, making it one of the world's largest independent exploration and production companies. For more information about Anadarko, please visit www.anadarko.com.

This news release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Anadarko believes that its expectations are based on reasonable assumptions. No assurance, however, can be given that such expectations will prove to have been correct. A number of factors could cause actual results to differ materially from the projections, anticipated results or other expectations expressed in this news release, including Anadarko's ability to successfully drill, complete, test and produce the wells and prospects identified in this news release. See "Risk Factors" in the company's 2008 Annual Report on Form 10-K and other public filings and press releases. Anadarko undertakes no obligation to publicly update or revise any forward-looking statements.

- 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, 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