Kosmos Energy Ltd. Form 8-K December 21, 2011

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 OR 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported):

December 15, 2011

KOSMOS ENERGY LTD.

(Exact name of registrant as specified in its charter)

Bermuda (State or other jurisdiction of incorporation)

001-35167 (Commission File Number)

98-0686001 (IRS Employer Identification No.)