

ITEM 5.02. DEPARTURE OF DIRECTORS OR CERTAIN OFFICERS; ELECTION OF DIRECTORS; APPOINTMENT OF CERTAIN OFFICERS; COMPENSATORY ARRANGEMENTS OF CERTAIN OFFICERS.

On April 15, 2015, Capstead Mortgage Corporation accepted the resignation of Michael W. Brown, Senior Vice President – Asset and Liability Management and Treasurer, who has chosen to leave Capstead to pursue other opportunities. Andrew F. Jacobs, President and Chief Executive Officer said, “On behalf of everyone at Capstead and our Board of Directors, I want to thank Mike for all he has done for us and we wish him well in his future endeavors.” A copy of a related press release is attached as Exhibit 99.1.

ITEM 9.01. FINANCIAL STATEMENTS AND EXHIBITS

(d)Exhibits.

99.1 Press release issued by Capstead Mortgage Corporation dated April 15, 2015 announcing resignation of Michael W. Brown.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

CAPSTEAD MORTGAGE
CORPORATION

April 15, 2015 By: /s/ Phillip A. Reinsch
Phillip A. Reinsch
Executive Vice
President and
Chief Financial
Officer
