

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers

Effective August 15, 2010, Don O Shea, Controller of PNGS GP LLC, the general partner of PAA Natural Gas Storage, L.P. (PNG), was elected to the additional position of Chief Accounting Officer. Tina Summers, who previously served as Chief Accounting Officer of PNG, is retiring from the company on August 31, 2010.

Mr. O Shea, age 39, has served as Controller of PNG since February 2010. From November 2009 to January 2010, he served as Director, Special Projects of Plains All American GP LLC, the general partner of Plains All American Pipeline, L.P. Prior thereto, Mr. O Shea spent 15 years working for the accounting firm PricewaterhouseCoopers LLP.

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.

PAA Natural Gas Storage, L.P.

Date: August 19, 2010

By: PNGS GP LLC, its general partner

By: /s/ Al Swanson

Name: Al Swanson

Title: Senior Vice President and Chief
Financial Officer