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): November 23, 2010

DCP MIDSTREAM PARTNERS, LP

(Exact name of registrant as specified in its charter)

Commission File No. 001-32678

Delaware (State or other jurisdiction of incorporation)

370 17th Street, Suite 2775, Denver, Colorado (Address of principal executive offices) 03-0567133 (IRS Employer Identification No.)

> 80202 (Zip Code)

Registrant's telephone number, including area code: (303) 633-2900

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 7.01 Regulation FD Disclosure.

On November 23, 2010, DCP Midstream Partners, LP, a Delaware limited partnership (the "Partnership"), completed the issuance and sale of an additional 375,000 common units representing limited partner interests in the Partnership (the "Common Units") at a public offering price of \$34.96 pursuant to the full exercise of the overallotment option granted in connection with the recent underwritten public offering by the Partnership of 2,500,000 Common Units.

In accordance with General Instruction B.2 of Form 8-K, the information provided herein is deemed to be "furnished" and shall not be deemed "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section, nor shall such information be deemed incorporated by reference into any filing under the Securities Act of 1933 or the Securities Exchange Act of 1934, each as amended.

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.

DCP MIDSTREAM PARTNERS, LP

By: DCP MIDSTREAM GP, LP its General Partner

By: DCP MIDSTREAM GP, LLC its General Partner

By: /s/ Michael S. Richards

Name: Michael S. Richards

Title: Vice President, General Counsel and Secretary

November 23, 2010