

CATERPILLAR INC  
Form 8-K  
October 21, 2010

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): October 21, 2010

CATERPILLAR INC.  
(Exact name of registrant as specified in its charter)

Delaware  
(State or other jurisdiction of incorporation)

1-768  
(Commission File Number)

37-0602744  
(IRS Employer Identification No.)

100 NE Adams Street, Peoria, Illinois  
(Address of principal executive offices)

61629  
(Zip Code)

Registrant's telephone number, including area code: (309) 675-1000

Former name or former address, if changed since last report: N/A

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 230.425)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

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

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Item 2.02. Results of Operations and Financial Condition.

On October 21, 2010, Caterpillar Inc. issued a press release reporting financial results for the quarter ended September 30, 2010 (furnished hereunder as Exhibit 99.1).

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits:

99.1 3rd Quarter 2010 Results Press Release dated October 21, 2010

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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 thereunto duly authorized.

CATERPILLAR INC.

October 21, 2010

By: /s/ James B. Buda  
James B. Buda  
Vice President and Chief Legal  
Officer