

PROSPECT CAPITAL CORP  
Form 8-K  
October 12, 2007

**UNITED STATES**

**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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**FORM 8-K**

**CURRENT REPORT**

Pursuant to Section 13 or 15(d) of the  
Securities Exchange Act of 1934.

**Date of Report: October 10, 2007**  
**(Date of earliest event reported)**

**Prospect Capital Corporation**  
**(Exact name of registrant as specified in its charter)**  
**MD**

**(State or other jurisdiction**  
**of incorporation) 333-114552**  
**(Commission File Number) 43-2048643**  
**(IRS Employer**  
**Identification Number)**

**10 East 40th Street, 44th Floor, New York, New York 10016**  
**(Address of principal executive offices) 10016**  
**(Zip Code)**  
**212 448-0702**

**(Registrant's telephone number, including area code)**

**Not Applicable**

**(Former Name or Former Address, if changed since last report)**

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))

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 8.01. Other Events**

Prospect Capital Makes Second Lien Debt Investment in Resco

**Item 9.01. Financial Statements and Exhibits**

**(a) Financial statements:**

None

**(b) Pro forma financial information:**

None

**(c) Shell company transactions:**

None

**(d) Exhibits**

99.1 Press Release of Prospect Capital Corporation dated October 10, 2007

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**SIGNATURE**

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.

Dated: October 10, 2007

**PROSPECT CAPITAL CORPORATION**

By: /s/ John F. Barry III

John F. Barry III

*Chief Executive Officer*

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**Exhibit Index** Exhibit No. Description 99.1 Press Release of Prospect Capital Corporation dated October 10, 2007