GASTAR EXPLORATION LTD Form 8-K June 01, 2009

## 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): June 1, 2009 (June 1, 2009)

# GASTAR EXPLORATION LTD. (Exact Name of Registrant as Specified in Its Charter)

ALBERTA, CANADA (State or other jurisdiction of incorporation)

001-32714 (Commission File Number) 98-0570897 (IRS Employer Identification No.)

## 1331 LAMAR STREET, SUITE 1080 HOUSTON, TEXAS 77010 (Address of principal executive offices)

(713) 739-1800 (Registrant's telephone number, including area code)

N/A

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

#### SECTION 7 - REGULATION FD

## Item 7.01 Regulation FD Disclosure

On June 1, 2009, Gastar Exploration Ltd. announced that it has completed the Wildman Trust #5 well in one lower Bossier zone at a restricted gross sales rate of approximately 15 MMcfd with over 12,000 psi of flowing casing pressure.

This press release is attached as Exhibit 99.1 and is being furnished solely pursuant to Item 7.01 of this report.

#### SECTION 9 – FINANCIAL STATEMENTS AND EXHIBITS

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

The following is a list of exhibits furnished as part of this Form 8-K:

ExhibitDescription of Document

No.

99.1 Press release dated June 1, 2009.

## **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.

## GASTAR EXPLORATION LTD.

Date: June 1, 2009 By: /s/ J. RUSSELL PORTER

J. Russell Porter

President and Chief Executive Officer

# EXHIBIT INDEX

ExhibitDescription of Document No.

99.1 Press release dated June 1, 2009.