

GASTAR EXPLORATION LTD  
Form 8-K  
June 22, 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 22, 2009 (June 18, 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))

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SECTION 7 – REGULATION FD

Item 7.01 Regulation FD Disclosure

On June 18, 2009, Gastar Exploration Ltd. announced that the initial aggregate rate of gas production from the Biblewindi multi-lateral production pilots in its coal seam gas project in New South Wales, Australia had reached 250,000 standard cubic feet per day.

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:

Exhibit No.	Description of Document
99.1	Press release dated June 18, 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 22, 2009

By:

/s/ J. RUSSELL PORTER  
J. Russell Porter  
President and Chief Executive Officer

EXHIBIT INDEX

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99.1	Press release dated June 18, 2009.