

GASTAR EXPLORATION LTD  
Form 8-K  
January 05, 2009

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**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): January 5, 2009 (January 5, 2009)

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

ALBERTA, CANADA      001-32714      98-0570897  
(State or other jurisdiction    (Commission    (I.R.S. Employer  
of incorporation)            File Number)    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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**EXHIBIT INDEX**

**Exhibit    Description of Document**  
**No.**

99.1    Press release dated January 5, 2009.

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