

TRANSCANADA PIPELINES LTD

Form 6-K

December 22, 2006

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER

PURSUANT TO RULE 13a-16 OR 15d-16 OF

THE SECURITIES EXCHANGE ACT OF 1934

For the month of December 2006

COMMISSION FILE No. 1-8887

TransCanada PipeLines Limited

(Translation of Registrant's Name into English)

450 1 Street S.W., Calgary, Alberta, T2P 5H1, Canada

(Address of Principal Executive Offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F

Form 20-F ☐

Form 40-F ☒

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): ☐

Indicated by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): ☐

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes ☐

No ☒

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The document listed below in this Section is furnished, not filed, as Exhibit 99.1. The Exhibit is being furnished, not filed, and will not be incorporated by reference into any registration statement filed by TransCanada PipeLines Limited under the Securities Act of 1933, as amended.

99.1 A copy of the Registrant's parent company's News Release dated December 22, 2006 announcing the acquisition of US natural gas pipeline and storage assets.

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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.

TRANSCANADA PIPELINES LIMITED

By: /s/ Donald J. DeGrandis
Donald J. DeGrandis
Corporate Secretary

December 22, 2006

EXHIBIT INDEX

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