

POSCO
Form 6-K
July 29, 2009

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

Form 6-K

**REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13a-16 OR 15d-16
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

For the month of July, 2009

POSCO

(Translation of registrant's name into English)

POSCO Center, 892 Daechi 4-dong, Kangnam-gu, Seoul, Korea, 135-777

(Address of principal executive office)

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):

Indicate 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

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): n/a

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POSCO is furnishing under cover of Form 6-K :

Exhibition 99.1 : An English-language translation of documents with respect to POSCO and SK Energy to Develop Synthetic Natural Gas

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.

POSCO

Date: July 28, 2009

By: /s/ Lee, Dong-Hee _____

Name: Lee, Dong-Hee

Title: President

EXHIBIT INDEX

| Exhibit No. | Description |
|--------------------|--|
| 99.1 | POSCO and SK Energy to Develop Synthetic Natural Gas |
