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 earliest event reported: August 4, 2009

GRYPHON GOLD CORPORATION

(Exact Name of Registrant as Specified in Charter)

<u>Nevada</u> (State or Other Jurisdiction of Incorporation)

<u>333-127635</u> (Commission File Number) <u>92-0185596</u> (IRS Employer Identification No.)

675 West Hastings Street, Suite 711 Vancouver, BC V6B 1N2 (Address of Principal Executive Offices) (Zip Code)

(604) 261-2229

(Registrant's Telephone Number, including Area Code)

<u>N/A</u>

(Former name or 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))

Item 7.01 Regulation FD Disclosure

On August 4, 2009, the Registrant released the press release filed herewith as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits.

ExhibitDescription

<u>No.</u>

99.1 Press Release dated August 4, 2009

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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 hereunto duly authorized.

Gryphon Gold Corporation (Registrant)

Dated: August 4, 2009

By: /s/ John L. Key

John L. Key Chief Executive Officer