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**FORM 6-K**

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

**Report of Foreign Issuer**

**Pursuant to Rule 13a-16 or 15d-16 of  
the Securities Exchange Act of 1934**

For the month of May, 2017

Commission File Number: 001-12102

**YPF Sociedad Anónima**

(Exact name of registrant as specified in its charter)

**Macacha Güemes 515**

**C1106BKK Buenos Aires, Argentina**

(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):

Yes \_\_\_\_\_ No

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):

Yes \_\_\_\_\_ No

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**ITEM**

- 1 Translation of letter to the Buenos Aires Stock Exchange dated May 29, 2017
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**TRANSLATION**

Autonomous City of Buenos Aires, May 29, 2017

To the  
*Bolsa de Comercio de Buenos Aires*  
**(Buenos Aires Stock Exchange)**

**Re:** YPF S.A. gives notice of an acquisition of Company shares in the market.

Dear Sirs:

The purpose of this letter is to comply with the requirements of Article 23 of Chapter VI of the Merval Listing Regulations.

In that connection, please be advised that during the period from May 15 to May 23, the Company has acquired a total of **24,269** of its ordinary Class D shares in book entry form, Ps.10 (ten pesos) par value per share and each with a right to 1 (one) vote, in the BASE, at an average price of **Ps. 382.87** per share, for a total amount of **Ps. 9,291,785.20**.

During such period, the Company acquired **239,029** of its American Depositary Shares ("ADS") on the New York Stock Exchange ("NYSE"), at an average price of **US\$24.01** per ADS, for a total amount of **US\$5,738,709.43**.

Yours faithfully,

**Diego Celaá**  
Market Relations Officer  
YPF S.A.

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**SIGNATURE**

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.

Date: May 30, 2017

**YPF Sociedad Anónima**

By: /s/ Diego Celaá

Name: Diego Celaá

Title: Market Relations Officer