YPF SOCIEDAD ANONIMA Form 144 September 08, 2010

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

FORM 144 NOTICE OF PROPOSED SALE OF SECURITIES PURSUANT TO RULE 144 UNDER THE SECURITIES ACT OF 1933 OMB Number: 3235-0101

OMB APPROVAL

Expires: March 31, 2011

Estimated average burden

hours per response 2.00

SEC USE ONLY DOCUMENT SEQUENCE NO.

CUSIP NUMBER

ATTENTION: Transmit for filing 3 copies of this form concurrently with either

WORK LOCATION

placing an order with a broker to execute sale or executing a sale directly with a market maker.

1 (a) NAME OF ISSUER (Please type or print) YPF Sociedad Anónima

(b) IRS IDENT. NO.

(c) S.E.C. FILE

521612271 NO.

						001-1210	2
1 (d) ADDRESS OF	STREET	CITY	STATE	ZIP	(e) TELEPHONE	NO.	
ISSUER	Macacha	Buenos	C1	CODE	AREA CODE	NUMBER	
	Güemes 515	Aires	Argentina	1364	54	13267265	
				AR			
2 (a) NAME OF PERSON		(b)		(c)	CITY	STATE	ZIP
FOR WHOSE ACCOUNT		RELATIONSHIP		ADDRI	ESS Madrid	U3 Spain	CODE
THE		TO ISS	SUER	STREE	T		28046
SECURITIES ARE TO BE		Shareholder and		Paseo d	e la		
SOLD		100% owned		Castella	ana		
Repsol Exploración, S.A.		subsidiary of Issuer' 280					
		parent c	company,				
		- ·					

Repsol YPF, S.A.

INSTRUCTION: The person filing this notice should contact the issuer to obtain the I.R.S. Identification Number and the S.E.C. File Number.

SEC USE (c) (d) 3 (a) (b) (e) (f) (g) **ONLY**

Title of the	Name and Address	Broker-Dealer	rNumber	Aggregate	Number of	Approximate Date	Name of Each
Class of	of Each Broker	File Number	of	Market	Shares or	of Sale	Securities
Securities	Through Whom the		Shares	Value	Other Units	(See instr. 3(f))	Exchange
To Be Sold	Securities are to be		or Other	(See instr.	Outstanding	(MO. DAY YR.)	(See instr.
	Offered or Each		Units	3(d))			3(g))

(See instr

shares

To Re

3.

	IVIAI KCI IVIAKCI	10 DC	(See insu.		
	who is Acquiring	Sold	3(e))		
	the Securities	(See			
		instr.			
		3(c))			
Class D	Raymond James &	1,641,060631	5,235393,312,793	September 2010	NYSE;
shares of	Associates, Inc.		shares, of		Buenos Aires
common	880 Carillon		which		Stock
stock, either	Parkway		393,235,456		Exchange
in the form	St. Petersburg, FL		are Class D		_

of shares or 33716

American **Depositary** Shares (each representing one Class D share of common stock)

INSTRUCTIONS:

1. (a) Name of issuer

Market Maker

- (b) Issuer's I.R.S. Identification Number
- (c) Issuer's S.E.C. file number, if any
- (d) Issuer's address, including zip code
- (e) Issuer's telephone number, including area code
- 2 (a) Name of person for whose account the securities are to be sold
 - (b) Such person's relationship to the issuer (e.g., officer, director, 10% stockholder, or member of immediate family of any of the foregoing)
 - (c) Such person's address, including zip code

- (a) Title of the class of securities to be sold
- (b) Name and address of each broker through whom the securities are intended to be sold
- (c) Number of shares or other units to be sold (if debt securities, give the aggregate face amount)
- (d) Aggregate market value of the securities to be sold as of a specified date within 10 days prior to the filing of this notice
- (e) Number of shares or other units of the class outstanding, or if debt securities the face amount thereof outstanding, as shown by the most recent report or statement published by the issuer
- (f) Approximate date on which the securities are to be sold
- (g) Name of each securities exchange, if any, on which the securities are intended to be sold

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number. SEC 1147 (08-07)

TABLE I — SECURITIES TO BE SOLD

Furnish the following information with respect to the acquisition of the securities to be sold and with respect to the payment of all or any part of the purchase price or other consideration therefor:

			Name of Person from			
		Nature of	Whom Acquired	Amount of		
Title of the	Date you	Acquisition	(If gift, also give date	Securities	Date of	Nature of
Class	Acquired	Transaction	donor acquired)	Acquired	Payment	Payment
Class D shares	January 2001	Merger transaction	Share issuance by	1,641,060, of	January 2001	Repsol
of common		involving inter alia	YPF Sociedad	which		Argentina, S.A.
stock, either in		YPF Sociedad	Anónima in	1,641,060		shares
the form of		Anónima and Repso	l connection with the	held as of the		exchanged for
shares or		Argentina, S.A., a	Merger	date hereof		YPF Sociedad
American		subsidiary of Repsol				Anónima
Depositary		Exploración, S.A				shares in
Shares (each		(the "Merger")				connection with
representing						the Merger
one Class D						
share of						
common stock)						

INSTRUCTIONS: If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

TABLE II — SECURITIES SOLD DURING THE PAST 3 MONTHS

Furnish the following information as to all securities of the issuer sold during the past 3 months by the person for whose account the securities are to be sold.

Amount of

Name and Address of Seller	Title of Securities Sold	Date of Sale	Securities Sold	Gross Proceeds
N/A	N/A	N/A	None	N/A

REMARKS:

(1) The shares of Class D common stock, either in the form of shares or American Depositary Shares (each representing one Class D share of common stock) (together, "Common Stock"), of YPF Sociedad Anonima to be sold by Repsol Exploración, S.A. ("Repsol Exploración") should be aggregated with the shares of Common Stock to be sold by Repsol YPF, S.A., Repsol Exploración's parent company. Repsol Exploración and Repsol YPF, S.A. are filing separate Forms 144 for aggregate sales of up to 3,305,520 shares of Common Stock.

INSTRUCTIONS:

144. Information is to be given not only as to the person for whose account the securities are to be

ATTENTION: The person for whose account the securities to See the definition of "person" in paragraph (a) of Rule which this notice relates are to be sold hereby represents by signing this notice that he does not know any material adverse information in regard to the current and prospective operations

sold but also as to all other persons included in that definition. In addition, information shall be given as to sales by all persons whose sales are required by paragraph (e) of Rule 144 to be aggregated with sales for the account of the person filing this notice.

September 8, 2010

DATE OF NOTICE

DATE OF PLAN ADOPTION OR GIVING OF

INSTRUCTION,

IF RELYING ON RULE 10B5-1

of the Issuer of the securities to be sold which has not been publicly disclosed. If such person has adopted a written trading plan or given trading instructions to satisfy Rule 10b5-1 under the Exchange Act, by signing the form and indicating the date that the plan was adopted or the instruction given, that person makes such representation as of the plan adoption or instruction date.

/s/ Nemesio Fernández-Cuesta Luca de Tena (SIGNATURE)

The notice shall be signed by the person for whose account the securities are to be sold. At least one copy of the notice shall be manually signed. Any copies not manually signed shall bear typed or printed signatures.

ATTENTION: Intentional misstatements or omission of facts constitute Federal Criminal Violations (See 18 U.S.C. 1001)