Valenzuela Troy Form 4 May 16, 2005

FORM 4

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

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. See Instruction

(7:-

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OMB APPROVAL

3235-0287

January 31,

2005

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

Valenzuela Troy

2. Issuer Name and Ticker or Trading

Symbol

PLAINS ALL AMERICAN PIPELINE LP [PAA]

(Last) (First) (Middle)

(Street)

(State)

3. Date of Earliest Transaction

(Month/Day/Year) 05/13/2005

333 CLAY STREET, # 1600

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

Director 10% Owner _X__ Officer (give title _ Other (specify

below) Vice President-Environ., H&Safe

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

HOUSTON, TX 77002

(City)

(City)	(State) (2	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									
1.Title of Security	2. Transaction Date (Month/Day/Year)	3. 4. Securities TransactionAcquired (A) or			nr.	5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect			
(Instr. 3)	(Wondin Bay, Tear)	Execution Date, if any	Code	Disposed of (D)			Beneficially	(D) or	Beneficial		
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)		Owned Following Reported	Indirect (I) (Instr. 4)	Ownership (Instr. 4)			
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)				
Common Units	05/13/2005		M	5,000	A	(1)	11,221	D			
Common Units	05/13/2005		F	1,823	D	<u>(1)</u>	9,398	D			

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactio Code (Instr. 8)	5. Number proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8 II S (
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Common Units	<u>(1)</u>	05/13/2005		M	5,000	05/13/2005	(2)	Common Units	5,000	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Valenzuela Troy 333 CLAY STREET, # 1600 HOUSTON, TX 77002

Vice President-Environ., H&Safe

8. Popular Section (Institute 1)

Signatures

Troy Valenzuela

05/13/2005 Date

**Signature of Reporting Person

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) 1-for-1 Common Units for Phantom Units granted under long-term incentive plan.
- (2) N/A

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. 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 number.

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