

SHIRES MARK F  
Form 4  
May 17, 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  
Form 5  
obligations  
may continue.  
*See Instruction*  
1(b).

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

**OMB APPROVAL**

OMB  
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(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**SHIRES MARK F**

2. Issuer Name **and** Ticker or Trading  
Symbol  
**PLAINS ALL AMERICAN  
PIPELINE LP [PAA]**

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

(Last) (First) (Middle)  
**333 CLAY STREET, # 1600**  
(Street)

3. Date of Earliest Transaction  
(Month/Day/Year)  
**05/13/2005**

\_\_\_\_ Director \_\_\_\_ 10% Owner  
☒ Officer (give title below) \_\_\_\_ Other (specify below)  
**Sr. Vice President-Operations**

**HOUSTON, TX 77002**

4. If Amendment, Date Original  
Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check  
Applicable Line)  
☒ Form filed by One Reporting Person  
\_\_\_\_ Form filed by More than One Reporting  
Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3. Transaction<br>Code<br>(Instr. 8) | 4. Securities<br>Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4 and 5) | (A)<br>or<br>(D) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|
| Common<br>Units                       | 05/13/2005                              |                                                             | M                                    | 5,000                                                                      | A                | 29,671                                                                                                             | D                                                                    |                                                                   |
| Common<br>Units                       | 05/13/2005                              |                                                             | F                                    | 2,155                                                                      | D                | 27,516                                                                                                             | D                                                                    |                                                                   |

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

**Persons who respond to the collection of  
information contained in this form are not  
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SEC 1474  
(9-02)

# Edgar Filing: SHIRES MARK F - Form 4

**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. Transaction Code (Instr. 8) | 5. Number of Derivative Securities (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. Title and Amount of Underlying Securities (Instr. 3 and 4) |
|----------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| Phantom Units under Long-Term Incentive Plan | (1)                                                    | 05/13/2005                           |                                                    | M                              | 5,000                                                                          | 05/13/2005                                               | (2) Common Units                                              | 5,000                                                         |

## Reporting Owners

| Reporting Owner Name / Address                                | Relationships                                                     |
|---------------------------------------------------------------|-------------------------------------------------------------------|
| SHIRES MARK F<br>333 CLAY STREET, # 1600<br>HOUSTON, TX 77002 | Director 10% Owner Officer Other<br>Sr. Vice President-Operations |

## Signatures

Mark F. Shires 05/13/2005  
 \*\*Signature of Reporting Person Date

## 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.  
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