$\square$ 

## FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

| <b>UNITED STATES</b> | SECURITIES | AND EXCHANGE | COMMISSION |
|----------------------|------------|--------------|------------|
|                      |            |              |            |

Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL MB Number: 3235-02

| OMB Number:            | 3235-0287 |
|------------------------|-----------|
| Estimated average burd | den       |
| hours per response:    | 0.5       |

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

|  |   |  |   |  |  |  | . ,   |      |  |                      |                                   |   |  |  |   |  |    |   |  |
|--|---|--|---|--|--|--|---|------|--|----------------------|-----------------------------------|---|--|--|---|--|----|---|--|
| 1. Name and Address of Reporting Person*<br>PETERSEN GARY R      |   |  |   | 2. Issuer Name and Ticker or Trading Symbol       5. Relationship of Reporting Person(s) to Issuer (Check all applicable)         PLAINS GP HOLDINGS LP [ PAGP ]       5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |  |  |   |      |  |                      |                                   |   |  |  |   |  |    |   |  |
| (Last)   |   |  |   |  |  | 3. Date of Earliest Transaction (Month/Day/Year)<br>08/17/2023 |   |      |  |                      |                                   |   |  | х  | Director<br>Officer<br>below              | r (give title  |    | 10% Ov<br>Other (s<br>below)                                      |  |
| 9651 KATY FREEWAY<br>6TH FLOOR                                   |   |  |   | 4. If Amendment, Date of Original Filed (Month/Day/Year)   |  |  |   |      |  |                      |                                   |   | <ul> <li>6. Individual or Joint/Group Filing (Check Applicable ine)</li> <li>X Form filed by One Reporting Person</li> </ul> |  |   |  |    |   |  |
| (Street)<br>HOUSTON TX 77024                                     |   |  | Form filed by More than One Reporting<br>Person             |  |  |  |   |      |  |                      |                                   |   |  |  | rting                                     |  |    |   |  |
| (City)   | (St   | ate) (                                     | Zip)  |  | Rule 10b5-1(c) Transaction Indication     Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. |  |   |      |  |                      |                                   |   |  | led to   |   |  |    |   |  |
|  |   | Table                                      | e I - Non-  | Deriva   | ative  | Secu   | urities   | Aco  | quired,  | Dis                  | posed o                           | f, or B   | enefici  | ally   | Owne                                      | d  |    |   |  |
| 1. Title of Security (Instr. 3)<br>2. Transa<br>Date<br>(Month/D |   |  | Day/Year) if any  |  | . Deeme<br>ecution<br>iny<br>onth/Day  | Date,  | Transaction Disposed<br>Code (Instr. 5)   |      | ties Acquired (A)<br>d Of (D) (Instr. 3, 4                   |                      | 4 and Securit<br>Benefic<br>Owned |   | es<br>ially<br>Following   | Forn<br>(D) o                                  | n: Direct<br>or Indirect I<br>nstr. 4)    | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership  |    |   |  |
|  |   |  |   |  |  |  |   | Code | v  | Amount (A) or<br>(D) |                                   | or Pric   | 9  | Reported<br>Transaction(s)<br>(Instr. 3 and 4) |   |  |    | (Instr. 4)  |  |
|  |   | Ta   | ıble II - D<br>(e   |  |  |  |   |      |  |                      | osed of,<br>convertit             |   |  |  | Owned                                     |  |    |   |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)              | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |  | 4.<br>Transaction<br>Code (Instr.<br>8)  |  | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5) |      | 6. Date Exercisable a<br>Expiration Date<br>(Month/Day/Year) |                      | te                                | nd 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Ins<br>and 4) |  | De<br>Se                                       | Price of<br>rivative<br>curity<br>str. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(<br>(Instr. 4) | ly | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|  |   |  |   |  | Code   | v  | (A)   | (D)  | Date<br>Exercisal  | ole                  | Expiration<br>Date                | Title   | Amount<br>or<br>Number<br>of<br>Shares   |  |   |  |    |   |  |
| Phantom<br>Class A<br>Shares <sup>(1)</sup>                      | (2)   | 08/17/2023                                 |   |  | Α  |  | 8,050   |      | 08/14/20   | 24                   | (3)                               | Class<br>A<br>Shares  | 8,050  |  | \$0                                       | 8,050  |    | D   |  |

Explanation of Responses:

1. Grant of Phantom Class A shares under Long-Term Incentive Plan (includes associated dividend equivalent rights payable in cash).

2. One Class A share is deliverable for each Phantom Class A share that vests.

3. Upon termination of service as director, other than because of death disability or retirement.

## /s/ Gary R. Petersen

\*\* Signature of Reporting Person

08/17/2023

Date

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

\* 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).

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.