Jeans Hank Form 4 May 13, 2013

OMB APPROVAL FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION **OMB** 3235-0287 Washington, D.C. 20549 Number: Check this box January 31, Expires: if no longer 2005 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Estimated average **SECURITIES** Section 16. burden hours per Form 4 or response... 0.5 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. 30(h) of the Investment Company Act of 1940 See Instruction 1(b). (Print or Type Responses) 1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Jeans Hank Issuer Symbol PetroLogistics LP [PDH] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify 600 TRAVIS STREET, SUITE 3250 05/09/2013 below) Senior VP-Commercial (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting HOUSTON, TX 77002 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 7. Nature of rect eficial nership tr. 4)

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Security	(Month/Day/Year)	Execution Date, if	Transaction(A) or Disposed of (D)		Securities	Ownership	Indire			
(Instr. 3)		any	Code	(Instr. 3, 4 and 5)		Beneficially	Form:	Bene		
		(Month/Day/Year)	(Instr.)	8) V	Amount	(A) or (D)	Price	Owned Direct (Following or Indirect (Reported (I) Transaction(s) (Instr. 4 (Instr. 3 and 4)		Owne (Instr
Common						()				
Units representing limited partner interests	05/09/2013		M		29,412	A	(1)	294,718	D	
Common Units representing limited partner interests	05/09/2013		F(2)		8,045	D	\$ 12.89	286,673	D	

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

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SEC 1474 (9-02)

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. Transactic Code (Instr. 8)	5. Number of orDerivative 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. Pr Deri Secu (Inst
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Phantom Units	<u>(1)</u>	05/09/2013		M	29,412	<u>(1)</u>	<u>(1)</u>	Common Units	29,412	

Reporting Owners

Reporting Owner Name / Address	Relationships
Reporting Owner Maine / Address	

Director 10% Owner Officer Other

Jeans Hank 600 TRAVIS STREET, SUITE 3250 HOUSTON, TX 77002

Senior VP-Commercial

Signatures

/s/ Hank Jeans 05/10/2013

**Signature of 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).

Each Phantom Unit is the economic equivalent of one common unit representing a limited partner interest in PetroLogistics LP (the "Partnership") and is accompanied by a Distribution Equivalent Right entitling the holder to an amount of cash equal to the value of any

- (1) cash distributions paid on each of the Partnership's common units during the period in which the Phantom Unit is held. One-third of the Phantom Units vest into common units on a one-for-one basis every year, beginning with the one-year anniversary of the date of grant. On May 9, 2013, 29,412 of the reporting person's Phantom Units were settled for an equal number of common units of the Partnership.
- (2) Represents common units withheld pursuant to a mandatory tax withholding obligation.

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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