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	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP
Instruction 1(b).	Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

OMB APPROVAL

OMB Number:	3235-0287						
Estimated average burden							
hours per response:	0.5						

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1	193
or Section 30(h) of the Investment Company Act of 1940	

1. Name and Address of Reporting Person* RAMPACEK CHARLES M				2. Issuer Name and Ticker or Trading Symbol ENTERPRISE PRODUCTS PARTNERS L P [EPD]									heck all	Director	10%	Owner		
UISIANA S				3. Date of Earliest Transaction (Month/Day/Year) 02/23/2010														
				4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									i. Individual or Joint/Group Filing (Check Applicable ine) X Form filed by One Reporting Person Form filed by More than One Reporting Person				
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
Da			Date	Date (Month/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year)		Code (Transaction Disposed Code (Instr. 5)					nd Se Be Ov	curities eneficially vned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
							Code	v	Amount	Amount (A) o		Price	Tra	ansaction(s)		(1130.4)		
Common Units Representing Limited Partnership Interests				02/23/2010				A ⁽¹⁾		2,320) A \$0.		00	11,935	D ⁽²⁾			
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																		
2. Conversion or Exercise Price of Derivative Security	ersion Date (Month/Day/Year) Execution if any (Month/D		Date, Transaction Code (Instr.		n of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Expiration (Month/D	Expiration Date Month/Day/Year)			Amoun or Numbe		Derivati Security	ve derivative Securities Beneficially Owned Following Reported	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
	(Finusion of Exercise Price of Derivative CF	(First) (I) UISIANA STREET 0000 DN TX 7 (State) (I) Tabl Security (Instr. 3) Units Representing Limited ip Interests Ta 2. Conversion or Exercise Price of Derivative (Month/Day/Year)	(First) (Middle) UISIANA STREET 0000 ON TX 77002 (State) (Zip) Table I - Nor Security (Instr. 3) Units Representing Limited ip Interests Table II - D Conversion or Exercise Price of Derivative (Month/Day/Year) ON TX 77002 (State) (Zip) Table II - D ((Conversion of Exercise Price of Derivative (Month/Day/Year) (Month/Day/Year)	(First) (Middle) UISIANA STREET 0000 ON TX 77002 (State) (Zip) Table I - Non-Deriv Security (Instr. 3) Units Representing Limited ip Interests Table II - Derivat (e.g., ptoperior of Exercise Price of Derivative (Month/Day/Year) 2. (Conversion of Exercise Price of Derivative) (Month/Day/Year) 3. 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Octobroom (Month/Day/Year) A(1) Table II - Derivative Securities Acquired, Di (e.g., puts, calls, warrants, options) A(2) Conversion of Execution Date, if any (Month/Day/Year) (Month/Day/Year) A(3) Code (G) (Instr. 3, 4 and 5) Date	(First) (Middle) UISIANA STREET OOO Table I - Non-Derivative Securities Acquired, Disponsor (e.g., puts, calls, warrants, options, compared to pervative Security Table II - Derivative Securities Acquired, Disponsor (Month/Day/Year) Table II - Derivative Securities Acquired, Disponsor (e.g., puts, calls, warrants, options, compared to pervative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) ENTERPRISE PRODUCT P [EPD] 3. Date of Earliest Transaction (Month/Do/2/23/2010) 4. If Amendment, Date of Original Filed Execution Date, if any (Month/Day/Year) Table II - Derivative Securities Acquired, Disponsor (e.g., puts, calls, warrants, options, compared Execution Date, if any (Month/Day/Year) Security Table II - Derivative Securities Acquired, Disponsor (e.g., puts, calls, warrants, options, compared Execution Date, if any (Month/Day/Year) Securities Acquired (A) or Disponsor of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	Code V Amount Corversion or Exercise Security	Conversion Con	Conversion of Exercise Conversion (Conversion of Exercise Price of Date of Exercise Process of (Month/Day/Year)	(First) (Middle) UISIANA STREET 0000 Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficial Flag (Month/Day/Year) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of (D) (Instr. 3, 4 and 5) Table II - Derivative Securities Acquired, Disposed of (D) (Instr. 3) Table II - Derivative Securities Acquired, Disposed of (D) (Instr. 3, 4 and 5) Table II - Derivative Securities Acquired, Disposed of, or Beneficial Month/Day/Year) (Month/Day/Year) A(I) 2,320 A \$0. Table II - Derivative Securities Acquired, Disposed of, or Beneficial Month/Day/Year) (Month/Day/Year) (Month/Day/Year) A(I) 2,320 A \$0. Table II - Derivative Securities Acquired, Disposed of, or Beneficial Month/Day/Year) (Month/Day/Year) (Month/Day/Year) A(I) 2,320 A \$0. Table II - Derivative Securities Acquired, Disposed of, or Beneficial Month/Day/Year) (Month/Day/Year) A(II) 2,320 A \$0. A(II) And Exercisable and A	ENTERPRISE PRODUCTS PARTNERS L Check all X Color	Check all applicable X Director Officer (give title below) X Form filed by Mc Person X Form fi	ENTERPRISE PRODUCTS PARTNERS L Check all applicable) X Director 10% Officer (give title Delow) Check Delow Del	

Explanation of Responses:

- 1. These Common Units were acquired from the issuer as compensation for service as a director of its general partner.
- 2. The power of attorney under which this form was signed is attached.

Remarks:

/s/Wendi S. Bickett, Attorneyin-Fact on behalf of Charles M. 02/25/2010 Rampacek

** Signature of Reporting Person 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.