

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

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

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

1. Name and Address of Reporting Person* <u>MILLS RC</u>  (Last) (First) (Middle) 5000 SAWGRASS VILLAGE STE. 4  (Street) PONTE VEDRA FL 32082 BEACH  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Energy Transfer Partners, L.P. [ ETP ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Exec. V.P., COO</u>
	3. Date of Earliest Transaction (Month/Day/Year) 12/20/2005	
6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Units	12/20/2005		A		4,000	A	(1)	642,018	D	
Common Units								5,000 <sup>(4)</sup>	I	Owned by RC Mills TTEE R.C. Mills Revocable Trust U/A dated 03/07/1996. <sup>(2)</sup>
Common Units								48,000 <sup>(4)</sup>	I	Common Units held by spouse for which the reporting person disclaims beneficial ownership.

**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 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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Restricted Common Units	(3)	12/20/2005		M			4,000	(1)	(1)	Common Units	4,000	(3)	0	D	

**Explanation of Responses:**

- Issuance of common units for that portion of the September 1, 2004 award to the reporting person under the Energy Transfer Partners, L.P. Unit Plan that vested on September 1, 2005 upon the attainment by the issuer of certain performance criteria related to the award.
- The reporting person disclaims beneficial ownership of common units held by RC Mills TTEE R.C. Mills Revocable Trust U/A dated 03/07/1996 except to the extent of his pecuniary interest therein.
- Each restricted common unit awarded under the Energy Transfer Partners, L.P. 2004 Unit Plan represents a contingent right to receive one common unit upon vesting.
- This amendment is being filed to correct an error in the reporting person's holdings

Robert A. Burk, by Power of Attorney 12/27/2005

\*\* 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.**