Energy Transfer Partners, L.P.

Form 5

February 16, 2017

FORM 5		OMB AP	PROVAL
	UNITED STATES SECURITIES AND EXCHANGE COMMISSION	OMB Number:	3235-0362
Check this box if no longer subject to Section 16.	Washington, D.C. 20549	Expires:	January 31, 2005
Form 4 or Form 5 obligations may continue.	ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES	Estimated av burden hour response	-
See Instruction 1(b).	Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,		

Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940 Form 4 Transactions Reported

1. Name and Address of Reporting Person * Skidmore David K			2. Issuer Name and Ticker or Trading Symbol Energy Transfer Partners, L.P. [ETP]	5. Relationship of Reporting Person(s) to Issuer			
(Lost)	(First)	(Middle)	3. Statement for Issuer's Fiscal Year Ended	(Check all applicable)			
(Last)	, ,	` ,	(Month/Day/Year) 12/31/2016	_X_ Director 10% Owner Officer (give title Other (specify below)			
400 N. SAIN 800	T PAUL ST	T. SUITE		below)			
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Reporting			
				(check applicable line)			
DALLAS,Â	TXÂ 75201			_X_ Form Filed by One Reporting Person Form Filed by More than One Reporting			

Person

(City)	(State)	(Zip) Tab	le I - Non-Der	rivative Se	curiti	es Acquii	red, Disposed of	f, or Beneficial	lly 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 at end of Issuer's Fiscal Year (Instr. 3 and	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Amount	or (D)	Price	4)		
Common Units	03/16/2016	Â	S	1,500 (1)	D	\$ 28.53	18,755	D	Â
Common Units	03/16/2016	Â	S	1,500 (2)	D	\$ 28.53	17,255	D	Â
Common Units	03/16/2016	Â	P	1,500 (2)	A	\$ 28.53	1,629	I	Kellie Leigh Skidmore Trust

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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 required to respond unless the form displays a currently valid OMB control number.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	
Derivative	Conversion	(Month/Day/Year)	•	Transaction	Number	Expiration D		Amou		Derivative	
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	, ,	Security	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)	
	Derivative				Securities			(Instr.	3 and 4)		
	Security				Acquired						
					(A) or						
					Disposed						
					of (D)						
					(Instr. 3,						
					4, and 5)						
					,						
									Amount		
						Date	Expiration		or		
						Exercisable	Date	Title	Number		
						Excicisable Date	Date		of		
					(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
• 5	Director	10% Owner	Officer	Other		
Skidmore David K 400 N. SAINT PAUL ST. SUITE 800 DALLAS, TX 75201	ÂΧ	Â	Â	Â		

Signatures

Peggy J. Harrison, Attorney-in-fact for Mr. Skidmore

02/16/2017

Date

**Signature of Reporting Person

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) The Reporting Person submitted a Form 4 on March 17, 2016 reporting an open market purchase of 3,000 ETP units on March 16, 2016. On the same day, the Reporting Person sold 1,500 of these units to his son, in his individual capacity, at cost.
- The Reporting Person submitted a Form 4 on March 17, 2016 reporting an open market purchase of 3,000 ETP units on March 16, 2016. (2) On the same day, the Reporting Person sold 1.500 of these units to his daughter's trust account, over which he maintains investment
- (2) On the same day, the Reporting Person sold 1,500 of these units to his daughter's trust account, over which he maintains investment control, at cost.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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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