### ENTERPRISE PRODUCTS PARTNERS L P Form SC 13D/A December 30, 2004

Page 1 of 10 pages

OMB APPROVAL
OMB Number: 3235-0145
Expires: December 31, 2005
Estimated average burden
hours per response 11.00

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

SCHEDULE 13D

UNDER THE SECURITIES EXCHANGE ACT OF 1934 (AMENDMENT NO. 4)\*

Enterprise Products Partners L.P.

(Name of Issuer)

Common Units

-----

(Title of Class of Securities)

293792107

\_\_\_\_\_\_

(CUSIP Number)

Jose-Alberto Lima
President
Shell US Gas & Power LLC
1301 McKinney Street, Suite 700
Houston, TX 77010

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

December 29, 2004

\_\_\_\_\_

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(b)(3) or (4), check the following box / /.

Check the following box if a fee is being paid with the statement / /. (A fee is not required only if the reporting person: (1) has a previous statement on file reporting beneficial ownership of more than five percent of the class of securities described in Item 1; and (2) has filed no amendment subsequent thereto reporting beneficial ownership of five percent or less of such class.) (See Rule 13d-7.)

NOTE: Six copies of this statement, including all exhibits, should be filed with the Commission. See Rule 13d-1(a) for other parties to whom copies are to be

sent.

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

SCHEDULE 13D

CUSI	P NO. 293792107			Page 2 of 10 pages	
1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Shell US Gas & Power LLC				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*  (a) [ ] (b) [ ]				
3	SEC USE ONLY				
4	SOURCE OF FUNDS*				
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) [ ]				
6	CITIZENSHIP OR PLACE Delaware	OF ORGAN	IZATION		
	NUMBER OF	7	SOLE VOTING POWER		
	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH	8	SHARED VOTING POWER 36,572,122		
	REPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER		
		10	SHARED DISPOSITIVE POWER 36,572,122	२	

<sup>11</sup> AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 36,572,122

12	CHECK BOX IF THE AG	GREGATE AMOU	NT IN ROW (11) EXCLUDES	CERTAIN SHARES* [ ]
	PERCENT OF CLASS RE	PRESENTED BY	AMOUNT IN ROW (11)	
14	TYPE OF REPORTING P	ERSON		
	*s	EE INSTRUCTI	ONS BEFORE FILLING OUT!	
	 The source of funds Tejas Natural Gas Liq		ibution of Shell US Gas	& Power LLC interest
(2) 200		issued and	outstanding Common Units	s as of November 4,
(3)	Delaware Limited Lia	oility Compa	ny	
			2	
		SC	HEDULE 13D	
CUS	IP NO. 293792107			Page 3 of 10 pages
1	NAME OF REPORTING P Shell Oil Company	ERSON S.S. O	R I.R.S. IDENTIFICATION	NO. OF ABOVE PERSON
2	CHECK THE APPROPRIA		MEMBER OF A GROUP*	(a) [ ] (b) [ ]
3	SEC USE ONLY			
4	SOURCE OF FUNDS* AF			
5	CHECK BOX IF DISCLO	SURE OF LEGA	L PROCEEDINGS IS REQUIRE	ED PURSUANT TO
6	CITIZENSHIP OR PLAC Delaware	E OF ORGANIZ	ATION	
		7	SOLE VOTING POWER	
	NUMBER OF SHARES		CHARD NOTING POWER	
	BENEFICIALLY OWNED BY	ŏ .	SHARED VOTING POWER 36,572,122	

EACH REPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER	
	10	SHARED DISPOSITIVE POWER 36,572,122	
AGGREGATE AMOUNT BENER	FICIALLY	OWNED BY EACH REPORTING PERSON	
PERCENT OF CLASS REPRI	ESENTED I	BY AMOUNT IN ROW (11)	
TYPE OF REPORTING PERS			
*SEE			
 Based on 361,986,867 is	ssued and	d outstanding Common Units as of	November 4,
		3	
	S	SCHEDULE 13D	
P NO. 293792107		_	4 of 10 pages
NAME OF REPORTING PERS			ABOVE PERSON
CHECK THE APPROPRIATE	BOX IF A	A MEMBER OF A GROUP*	(a) [ ] (b) [ ]
SEC USE ONLY			
SOURCE OF FUNDS*			
CHECK BOX IF DISCLOSUME ITEMS 2(d) OR 2(e)	RE OF LEG	GAL PROCEEDINGS IS REQUIRED PURS	UANT TO
	REPORTING PERSON WITH  AGGREGATE AMOUNT BENER 36,572,122  CHECK BOX IF THE AGGREGATE PERCENT OF CLASS REPRES 10.1%(1)  TYPE OF REPORTING PERSON CO  *SEE  Based on 361,986,867 is .  P NO. 293792107  NAME OF REPORTING PERSON SWEPI LP  CHECK THE APPROPRIATE  SEC USE ONLY  SOURCE OF FUNDS* AF  CHECK BOX IF DISCLOSURE	REPORTING PERSON 9 WITH  10  AGGREGATE AMOUNT BENEFICIALLY 36,572,122  CHECK BOX IF THE AGGREGATE AMOUNT PERCENT OF CLASS REPRESENTED IN 10.1%(1)  TYPE OF REPORTING PERSON CO  *SEE INSTRUCT Based on 361,986,867 issued and 10.1%  PNO. 293792107  NAME OF REPORTING PERSON S.S. SWEPI LP  CHECK THE APPROPRIATE BOX IF ASSECT USE ONLY  SOURCE OF FUNDS* AF  CHECK BOX IF DISCLOSURE OF LEGOTORS AND 10.1%  CH	REPORTING PERSON 9 SOLE DISPOSITIVE POWER  10 SHARED DISPOSITIVE POWER 36,572,122  AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 36,572,122  CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN  PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 10.1%(1)  TYPE OF REPORTING PERSON  CO  *SEE INSTRUCTIONS BEFORE FILLING OUT!  Based on 361,986,867 issued and outstanding Common Units as of  SCHEDULE 13D  P NO. 293792107  Page  NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF SWEPI LP  CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*  SOURCE OF FUNDS* AF  CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURS

6 CITIZENSHIP OR PLACE OF ORGANIZATION

	Delaware			
		7	SOLE VOTING POWER	
	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH	8	SHARED VOTING POWER 36,572,122	
	REPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER	
		10	SHARED DISPOSITIVE POWER 36,572,122	
11	AGGREGATE AMOUNT BE 36,572,122	NEFICIALI	LY OWNED BY EACH REPORTING PE	RSON
12	CHECK BOX IF THE AG	GREGATE I	AMOUNT IN ROW (11) EXCLUDES C	ERTAIN SHARES* [ ]
13	PERCENT OF CLASS RE	PRESENTEI	D BY AMOUNT IN ROW (11)	
14	TYPE OF REPORTING P	ERSON		
	*S	EE INSTRU	JCTIONS BEFORE FILLING OUT!	
		'issued a	and outstanding Common Units	as of November 4,
			4	
CUS	IP NO. 293792107		SCHEDULE 13D	ge 5 of 10 pages
1	NAME OF REPORTING P Shell Gas Pipeline		S. OR I.R.S. IDENTIFICATION N	O. OF ABOVE PERSON
2	CHECK THE APPROPRIA	TE BOX IF	F A MEMBER OF A GROUP*	(a) [ ] (b) [ ]
3	SEC USE ONLY			
4	SOURCE OF FUNDS*	·——————		

5	CHECK BOX IF DISCLOS	SURE OF 1	LEGAL PROCEEDINGS IS REQUIRE	D PURSUANT TO [ ]	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware				
	NUMBER OF	7	SOLE VOTING POWER		
	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH	8	SHARED VOTING POWER 36,572,122		
	REPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER		
		10	SHARED DISPOSITIVE POWER 36,572,122		
11	AGGREGATE AMOUNT BEI	NEFICIAL	LY OWNED BY EACH REPORTING P	ERSON	
12	CHECK BOX IF THE AG	GREGATE A	AMOUNT IN ROW (11) EXCLUDES	CERTAIN SHARES* [ ]	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 10.1(1)				
14	TYPE OF REPORTING PERSON CO				
	*SI	EE INSTRU	UCTIONS BEFORE FILLING OUT!		
(1) 2004		issued a	and outstanding Common Units	as of November 4,	
			5		
SCHEDULE 13D					
CUSI	IP NO. 293792107			Page 6 of 10 pages	
1	NAME OF REPORTING P		S. OR I.R.S. IDENTIFICATION 12	NO. OF ABOVE PERSON	
2	CHECK THE APPROPRIA	TE BOX II	F A MEMBER OF A GROUP*	(a) [ ] (b) [ ]	

3	SEC USE ONLY				
4	SOURCE OF FUNDS* AF				
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) [ ]				
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware				
		7	SOLE VOTING POWER -0-		
	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH	8	SHARED VOTING POWER 36,572,122		
	EACH REPORTING PERSON WITH	9	SOLE DISPOSITIVE POWER -0-		
		10	SHARED DISPOSITIVE POWER 36,572,122		
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 36,572,122				
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* [ ]				
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)				
14	TYPE OF REPORTING PERSON CO				
	*SE	E INSTRU	JCTIONS BEFORE FILLING OUT!		
	(1) Based on 361,986,867 issued and outstanding Common Units as of November 4, 2004.				

6

Page 7 of 10 pages

AMENDMENT NO. 4 TO SCHEDULE 13D

This Amendment No. 4 on Schedule 13D/A ("Amendment No. 4") to the Statement on

Schedule 13D ("Schedule 13D") is filed on behalf of each of (i) Shell US Gas & Power LLC ("Shell Gas & Power") as the direct beneficial owner of Common Units and (ii) by virtue of their respective direct holdings of securities of Shell Gas & Power (as described below on this statement) by Shell Oil Company ("Shell Oil"), SWEPI LP ("SWEPI"), Shell Gas Pipeline Corp. #2 ("Shell Pipeline"), and Shell Gas Gathering Corp. #2 ("Shell Gathering") (collectively, the "Reporting Entities"). Subsequent to Amendment No. 2 to this Schedule 13D, Shell Seahorse Company ("Shell Seahorse") merged into Shell Pipeline, with Shell Pipeline as the surviving entity.

This Amendment No. 4 is filed to reflect the sale on December 29, 2004 by Shell Gas & Power of 4,427,878 Common Units representing limited partnership interests to Kayne Anderson MLP Investment Company. Shell Gas & Power also granted Kayne Anderson an option to acquire additional Common Units from Shell Gas & Power. This option expires 90 days from December 29, 2004 (the "Anniversary Date"). The number of Common Units that may be acquired by Kayne Anderson pursuant to this option is that number of Common Units equal to the aggregate purchase price of \$50,000,000 divided by 0.935 times the average closing price of Common Units on the New York Stock Exchange during a 20-trading day period terminating 5 trading days prior to the Anniversary Date. Under certain circumstances, the reference date for making this calculation may be deferred by an additional ten trading days.

Unless otherwise indicated, each capitalized term used but not otherwise defined herein shall have the meaning assigned to such term in the Schedule 13D.

Directors and executive officers of the Reporting Entities are listed on Attachment 1 hereto. None of the Reporting Entities, nor any of their directors or executive officers, have been, during the past five years, convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors), or have been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

#### Item 1. Security and Issuer

No change to this item.

#### Item 2. Identity and Background

Paragraph 2 in subsection (a) of this Item is deleted in its entirety and replaced with the following:

Shell Gas & Power is the beneficial holder of approximately 10.1% of the outstanding Common Units of the Issuer. Shell Oil, SWEPI, Shell Pipeline and Shell Gathering are the holders of 100% of the common membership interests, and approximately 2.33%, 17.14%, 64.15% and 16.38%, respectively, of the total ownership interests, in Shell Gas & Power. Each of SWEPI, Shell Pipeline and Shell Gathering is an indirect, wholly owned subsidiary of Shell Oil. Together, Shell Oil, SWEPI, Shell Pipeline and Shell Gathering may be deemed to control Shell Gas & Power.

#### Item 3. Source and Amount of Funds or Other Consideration

No change to this Item

#### Item 4. Purpose of Transaction

No change to this item.

7

Page 8 of 10 pages

Item 5. Interest in Securities of the Issuer

Paragraphs (a) and (c) of this Item are hereby deleted in their entirety and replaced with the following:

- (a) There were 361,986,867 Common Units outstanding as of November 4, 2004. The Reporting Entities are deemed to be the beneficial owners of 36,572,122 Common Units. The Common Units represent 10.1% of the outstanding Common Units, and a 9.9% equity interest in the Issuer after taking into account the 2% equity interest held by the Issuer's general partner.
- (c) None of the Reporting Entities, nor, to the best of their knowledge, any person listed on Schedule 1 hereto, has effected any transactions in the Common Units during the past 60 days.

Item 6. Contracts, Arrangements, Understandings or Relationships with respect to Securities of the Issuer

An additional paragraph is added to this Item as follows:

In connection with the sale of Common Units by Shell Gas & Power to Kayne Anderson on December 29, 2004, Shell Gas & Power and Kayne Anderson entered into a Common Unit Purchase Agreement dated December 28, 2004 (the "Common Unit Purchase Agreement"), and a Registration Rights Assignment Agreement dated December 29, 2004 (the "Assignment Agreement"). In addition, Kayne Anderson entered into a Counterpart to the Registration Rights Agreement.

Item 7. Material to be filed as Exhibits.

- \*Exhibit A Agreement re Joint Filing of Schedule 13D
- \*Exhibit B Contribution Agreement
- \*Exhibit C Unitholder Rights Agreement
- \*Exhibit D Enterprise Partners Amended Partnership Agreement
- \*Exhibit E Registration Rights Agreement
- \*Exhibit F Press release issued September 15, 2003 by Shell Gas & Power
- \*Exhibit G Press release issued September 15, 2003 by the Issuer, incorporated by reference from Exhibit 99.1 to the Current Report on Form 8-K filed by Enterprise Products Partners L.P. on September 15, 2003
- \*Exhibit H Amendment No. 1 to Unitholder Rights Agreement, incorporated by reference from Exhibit 4.1 to the Current Report on Form 8-K filed by Enterprise Products Partners L.P. on September 15, 2003
- Exhibit I Common Unit Purchase Agreement
- Exhibit J Assignment Agreement

-----

\* previously filed

8

Page 9 of 10 pages

#### SIGNATURE

After reasonable inquiry and to the best of our knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct.

Date: December 30, 2004

SHELL US GAS & POWER LLC

By: LEE.B.D. STREBEL
Name: Lee B.D. Strebel
Title: Vice President

SHELL OIL COMPANY

By: ANNE-MARIE ROY

Name: Anne-Marie Roy Title: Assistant Secretary

SWEPI LP

By: ANNE-MARIE ROY

Name: Anne-Marie Roy Title: Assistant Secretary

SHELL GAS PIPELINE CORP.#2

By: ANNE-MARIE ROY

Name: Anne-Marie Roy Title: Assistant Secretary

SHELL GAS GATHERING CORP.#2

By: ANNE-MARIE ROY

Name: Anne-Marie Roy
Title: Assistant Secretary

9

#### INDEX TO EXHIBITS

*Exhibit	A	Agreement of Joint Filing
*Exhibit	В	Contribution Agreement
*Exhibit	С	Unitholder Rights Agreement
*Exhibit	D	Enterprise Partners Amended Partnership Agreement
*Exhibit	E	Registration Rights Agreement
*Exhibit	F -	Press release issued September 15, 2003 by Shell Gas & Power
*Exhibit	G -	Press release issued September 15, 2003 by the Issuer, incorporated
		by reference from Exhibit 99.1 to the Current Report on Form 8-K filed by Enterprise Products Partners L.P. on September 15, 2003
*Exhibit	Н -	Amendment No. 1 to Unitholder Rights Agreement, incorporated by
		reference from Exhibit 4.1 to the Current Report on Form 8-K filed
		by Enterprise Products Partners L.P. on September 15, 2003
Exhibit	I -	Common Unit Purchase Agreement
Exhibit	J -	Assignment Agreement

10

#### ATTACHMENT 1

#### DIRECTORS AND EXECUTIVE OFFICERS

# SHELL US GAS AND POWER LLC SHELL GAS PIPELINE CORP.

NAME AND BUSINESS ADDRESS	CITIZENSHIP	POSITION
Jose Alberto-Lima 1301 McKinney Street Houston, Texas 77010	Brazil	Director President
J.V. Cramer 1301 McKinney Street Houston, Texas 77010	U.S.A.	Director VP Finance
L.B.D. Strebel 1301 McKinney Street Houston, Texas 77010	U.S.A.	Director VP Portfolio Management

SHELL OIL COMPANY

NAME AND BUSINESS ADDRESS CITIZENSHIP POSITION

<sup>-----</sup>

<sup>\*</sup> previously filed

L.L. Elsenhans 910 Louisiana Street	U.S.A.	Director President
Houston, Texas 77002		
R. J. Decyk 910 Louisiana Street Houston, Texas 77002	U.S.A.	Director Sr. Vice President Corporate Affairs and Human Resources
G.M. Cowan 910 Louisiana Street Houston, Texas 77002	UK	Director CFO, Vice President, Finance
C. A. Lamboley 910 Louisiana Street Houston, Texas 77002	U.S.A.	Director, Sr. Vice President, Legal General Counsel Corp. Secretary
T. T. Coles 910 Louisiana Street Houston, Texas 77002	U.S.A.	Vice President, Tax
	11	
	SWEPI LP	
NAME AND BUSINESS ADDRESS	CITIZENSHIP	POSITION
W.D. Purvis 200 N. Dairy Ashford Houston, Texas 77479	U.S.A.	Director President
J.C. Rambousek 200 N. Dairy Ashford Houston, Texas 77479	U.S.A.	Director
W. T. Mooney 910 Louisiana Street Houston, Texas 77002	U.S.A.	Director Vice-President, Tax
SF	HELL GAS GATHERING CORP. #2	
NAME AND BUSINESS ADDRESS	CITIZENSHIP	POSITION
Jose Alberto-Lima 1301 McKinney Street	Brazil	Director President

Houston, Texas 77010		
L.B.D. Strebel 1301 McKinney Street Houston, Texas 77010	U.S.A.	Director
D.V. Krenz 1301 McKinney Street Houston, Texas 77010	U.S.A.	President
J.V. Cramer 1301 McKinney Street Houston, Texas 77010	U.S.A.	Vice President Finance