Enterprise GP Holdings L.P.

Form 4

Partnership Interests

November 03, 2006

#### 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 Ross Rex Issuer Symbol Enterprise GP Holdings L.P. [EPE] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner \_X\_ Other (specify Officer (give title 1100 LOUISIANA STREET; SUITE 11/01/2006 below) below) 1000 Director of Subsidiary (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 Security 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 7. Nature of (Instr. 3) (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Ownership Indirect Code Disposed of (D) Beneficially Form: Direct Beneficial (Instr. 3, 4 and 5) Ownership (Month/Day/Year) (Instr. 8) Owned (D) or Indirect (I) Following (Instr. 4) Reported (Instr. 4) (A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price Common Units Representing 1,700 D Limited

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

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SEC 1474

(9-02)

**OMB APPROVAL** 

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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 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	
UAR	\$ 34.1	11/01/2006		A	30,000 (1)	11/01/2011	11/01/2011	Units	30,000 (1)	9

## **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Ross Rex 1100 LOUISIANA STREET; SUITE 1000 HOUSTON TX 77002				Director of Subsidiary			

### **Signatures**

William L. Soula, Attorney-in-Fact on behalf of Rex C.
Ross
11/03/2006

\*\*Signature of Reporting 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).
- The Unit Appreciation Rights ("UAR") entitle the reporting person to receive on November 1, 2011 an amount equal to the excess, if any, (1) of the Fair Market Value of a Unit over the Grant Price per Unit in Units or cash at the discretion of the Committee. The UARs are
- (1) of the Fair Market Value of a Unit over the Grant Price per Unit in Units or cash at the discretion of the Committee. The UARs are subject to forfeiture.
- (2) The power of attorney under which this form was signed is on file with the Commission.

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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