

Enterprise GP Holdings L.P.  
Form 4  
March 27, 2006

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
DUNCAN DAN L

(Last) (First) (Middle)

2727 NORTH LOOP WEST

(Street)

HOUSTON, TX 77008

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
Enterprise GP Holdings L.P. [EPE]

3. Date of Earliest Transaction  
(Month/Day/Year)  
03/23/2006

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Chairman / Officer & Dir. of Subsidiary

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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**

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 Ownership (Instr. 4)
			Code	V	Amount (D) or Price (A)		
Units Representing Limited Partnership Interests	03/23/2006		P		6,000 A \$ 38.9248	43,400	I (1) By EPCO
Units Representing Limited Partnership Interests						71,119,631	I (2) By DFI
Units Representing						233,271	I (3) By 2000 Trust

Limited Partnership Interests

Units Representing Limited Partnership Interests

1,821,428 I <sup>(4)</sup>

By EPE Unit

Units Representing Limited Partnership Interests

3,726,273 I <sup>(5)</sup>

By Duncan LLC

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

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SEC 1474 (9-02)

**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 Underlying Securities (Instr. 3 and 4)	8. Price or Value of Underlying Securities (Instr. 3 and 4)
Class B Ltd Ptner Interests in EPE Unit L.P.-Obl to Delive <sup>(6)</sup>	\$ 28					Date Exercisable: 08/23/2010 Expiration Date: 08/23/2010	Units 1,821,428 <sup>(6)</sup>	

## Reporting Owners

Reporting Owner Name / Address

Relationships

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	Director	10% Owner	Officer	Other
DUNCAN DAN L 2727 NORTH LOOP WEST HOUSTON, TX 77008	X	X	Chairman	Officer & Dir. of Subsidiary
EPCO, Inc. 2707 NORTH LOOP WEST HOUSTON, TX 77008		X		General Partner of EPE Unit LP

## Signatures

William L. Soula, Attorney in Fact for Dan L. Duncan and Assistant Secretary of EPCO, Inc.

03/27/2006

\_\_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).

- (1) These Units are owned by EPCO, Inc. ("EPCO"). Dan L. Duncan owns 50.427% of the voting stock of EPCO.
- (2) These Units are owned by Duncan Family Interests, Inc. ("DFI"), an indirect, wholly-owned subsidiary of EPCO.
- (3) These Units are owned by the Duncan Family 2000 Trust (the "2000 Trust") of which EPCO is the grantor.
- (4) These Units are owned by EPE Unit, a limited partnership established for the benefit of certain EPCO employees who are its Class B limited partners. DFI is the sole Class A limited partner and EPCO is the general partner of EPE Unit.
- (5) These Units are owned by Duncan LLC. Dan L. Duncan is the sole member of Duncan LLC.  
EPE Unit owns 1,821,428 Units (reported in Table I). On August 23, 2010, EPE Unit will be liquidated and will distribute to the Class B Limited Partners a total number of Units equal to approximately 1,821,428 minus the quotient of \$51,000,000 divided by the market price (as defined) of the Units on August 23, 2010. The remaining Units will be distributed to DFI as the Class A Limited Partner.
- (7) The power of attorney under which this form was signed is attached as Exhibit 24.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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