Enterprise GP Holdings L.P.

Form 4

March 15, 2006

FORM 4

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

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

Issuer

Estimated average

burden hours per

Check this box if no longer subject to Section 16. Form 4 or

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

2. Issuer Name and Ticker or Trading

30(h) of the Investment Company Act of 1940 See Instruction

Symbol

1(b).

Form 5

obligations

may continue.

(Print or Type Responses)

DUNCAN DAN L

1. Name and Address of Reporting Person *

Enterprise GP Holdings L.P. [EPE] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director _X__ 10% Owner X_ Officer (give title _X_ Other (specify 2727 NORTH LOOP WEST 03/13/2006 below) below) Chairman / Officer & Dir. of Subsidiary (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) Form filed by One Reporting Person X_ Form filed by More than One Reporting HOUSTON, TX 77008 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Beneficial Ownership (Month/Day/Year) (Instr. 8) Owned Direct (D) Following or Indirect (Instr. 4) Reported (I) (A) Transaction(s) (Instr. 4) (Instr. 3 and 4) Code V Amount Price Units Representing By Limited P 6,000 6,000 I (1) 03/13/2006 **EPCO** Partnership Interests Units Representing Limited 71,119,631 $I^{(2)}$ By DFI Partnership Interests $I^{(3)}$ Units 233,271 By 2000 Trust Representing

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Limited Partnership Interests

Units

Representing Limited

1,821,428 I (4) By EPE Unit

Partnership Interests

Units

Representing By Limited 3,726,273 I $\frac{(5)}{}$ Duncan

LLC

7. Title and Amount

of Underlying

8. Prio

Deriv Secur (Instr.

Partnership Interests

1. Title of 2.

Derivative Conversion

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

3. Transaction Date 3A. Deemed

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SEC 1474

(9-02)

6. Date Exercisable and

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

(Month/Day/Year) Execution Date, if TransactionNumber Expiration Date

5.

Security	or Exercise	any	Code	of	(Month/Day/	Year)	Securit	ies
(Instr. 3)	Price of	(Month/Day/Year)	(Instr. 8)	Derivativ		(Instr. 3 and 4)		
	Derivative			Securitie	s			
	Security			Acquired				
				(A) or				
				Disposed				
				of (D)				
				(Instr. 3,				
				4, and 5)				
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Class B								

Ltd Ptner
Interests
in EPE
Unit
L.P.-Obl
to Delive

(6)

08/23/2010 08/23/2010 Units 1,821,428 (6)

Reporting Owners

Reporting Owner Name / Address Relationships

Reporting Owners 2

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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

Richard H. Bachmann, Attorney in Fact for Dan L. Duncan and as Executive Vice President, Chief Legal Officer, and Secretary of EPCO, Inc.

03/15/2006

**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
- (6) 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 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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