FORM 3

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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL OMB Number: 3235-0104

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

or Section 30(h) of the Investment Company Act of 1940												
1. Name and Address of Reporting Person* Hoover Richard A			2. Date of Event Requiring Statement (Month/Day/Year) 08/22/2005			3. Issuer Name and Ticker or Trading Symbol Enterprise GP Holdings L.P. [EPE]						
(Last) 2727 NORTH LOOP	(First) WEST	(Middle)				Relationship of Reporting Person(s) to Issuer (Check all applicable) Director	applicable)			5. If Amendment, Date of Original Filed (Month/Day/Year)		
(Street) HOUSTON (City)	TX (State)	77008 (Zip)				Officer (give title below) X Officer of Subsidiar	X Other (specify below)		Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person			
Table I - Non-Derivative Securities Beneficially Owned												
1. Title of Security (Instr. 4)					2. Amount of Securities Beneficially Owned			4. Nature of Indirect Beneficial Ownership (Instr. 5)				
Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)												
1. Title of Derivative Security (Instr. 4)			2. Date Exercisable and Expiration Date (Month/Day/Year)		ate	3. Title and Amount of Securities Underlying Deriv (Instr. 4)	vative Security	4. Conversion Exercise Price of Derivative	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)		
				Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security				

Remarks:

No securities are beneficially owned.

John E. Smith, Attorney in Fact, on behalf of Richard A. Hoover

Date

** Signature of Reporting Person

08/22/2005

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

* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

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* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

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

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 Number.

POWER OF ATTORNEY

KNOW ALL PERSONS BY THIS DOCUMENT: That Richard A. Hoover has made, constituted, and appointed, and by this document does make, constitute, and appoint RICH/

/s/ Richard H. Bachmann

Richard H. Bachmann, Attorney-in-Fact

/s/ Michael A. Creel

Michael A. Creel, Attorney-in-Fact

/s/ John E. Smith

John E. Smith, Attorney-in-Fact

or any of them, signing singly, its true and lawful attorney-in-fact, and in its name, place, and stead to:

1. Execute, deliver and file on behalf of the undersigned, in the undersigned's capacity as an officer of EPE Holdings, LLC, the sole general partner of Enterprise (

2. Do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4 or 5 and time!

3. Take any other action of any type whatsoever in connection with or in furtherance of the matters described in paragraphs 1 and 2 above which in the opinion of it

Giving and granting to each such attorney-in-fact full power and authority to do and perform every act necessary and proper to be done in the exercise of the

This Power of Attorney shall remain in effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 11th day of August, 2005.

/s/ Richard A. Hoover

Richard A. Hoover