HOUSTON EXPLORATION CO

Form 4

February 10, 2005

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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OMB APPROVAL

response...

if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * KARNES JOHN H JR

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

HOUSTON EXPLORATION CO

[THX]

(Check all applicable)

(Last) (First) (Middle)

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

X_ Officer (give title below)

Director

10% Owner Other (specify

(Zip)

02/08/2005

Sr. VP and CFO

THE HOUSTON EXPLORATION COMPANY, 1100 LOUISIANA, **SUITE 2000**

(Street)

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

Code V

Α

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

HOUSTON, TX 77002-5215

2. Transaction Date 2A. Deemed

(State)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 7. Nature of

1.Title of Security (Instr. 3)

(City)

(Month/Day/Year)

Execution Date, if (Month/Day/Year)

3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

Ownership Indirect Form: Direct Beneficial (D) or Ownership Indirect (I) (Instr. 4)

(Instr. 4)

(A)

Reported Transaction(s) (Instr. 3 and 4)

common

stock 02/08/2005 (\$0.01 par value) (1)

(D) Price Amount

12,892 A

17,892

D

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

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SEC 1474 (9-02)

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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	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transacti	5. onNumber	6. Date Exerc Expiration D		7. Title Amount		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Month Day/Tear)	(Month/Day/Year)	Code (Instr. 8)	of	(Month/Day/ e	(Month/Day/Year)		ring es and 4)	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Number		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

KARNES JOHN H JR THE HOUSTON EXPLORATION COMPANY 1100 LOUISIANA, SUITE 2000 HOUSTON, TX 77002-5215

Sr. VP and CFO

Signatures

/s/ John H. 02/10/2005 Karnes

**Signature of Date Reporting Person

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) Restricted shares were granted on February 8, 2005 pursuant to the Company's 2004 Long-Term Incentive Plan, which are subject to transfer restrictions that generally expire on February 8, 2010 as set forth in the award agreement.

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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