MENDELSON ERIC A

Form 4

September 24, 2010

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL

OMB Number: 3235-0287

Expires: January 31, 2005

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5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

Check this box if no longer

subject to Section 16. Form 4 or STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

2. Issuer Name and Ticker or Trading

HEICO CORP [HEI, HEI.A]

Washington, D.C. 20549

Form 5 obligations may continue. See Instruction 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

Symbol

1(b).

(Print or Type Responses)

MENDELSON ERIC A

1. Name and Address of Reporting Person *

(Last)	(First)	(Middle)	3. Date	of Earliest	Transacti	on					
825 BRIC SUITE 16	KELL BAY DRΓ 44	VE,	(Month) 09/23/	/Day/Year) 2010				X Director X Officer (giv below)		0% Owner Other (specify	
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)					6. Individual or Joint/Group Filing(Check Applicable Line) _X_Form filed by One Reporting Person			
MIAMI, F	L 33131							Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Tal	ble I - Non	-Derivat	ive Sec	curities Acqu	uired, Disposed o	of, or Benefic	ially Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution I any (Month/Day	Date, if	3. Transactic Code (Instr. 8)	owr Disp (Instr. 3	osed of , 4 and (A) or		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 Beneficial Ownership (Instr. 4)	
Common Stock	09/23/2010			P	657	A	\$ 33.0198	48,130	D		
Common Stock								37,536	D		
Class A Common Stock								80,136	I	Owned by Corporation $\underline{(1)}$	
Common Stock								102,950	I	Owned by Partnership (2)	

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Common Stock	1,187	I	As custodian for minor children
Class A Common Stock	1,367	I	As custodian for minor children
Common Stock	26,616	I	By 401(k) (3)
Class A Common Stock	24,546	I	By 401(k) (3)

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

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(9-02)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securities	(Instr. 5)	Bene
	Derivative				Securities	3		(Instr. 3 and	4)	Own
	Security				Acquired					Follo
	•				(A) or					Repo
					Disposed					Trans
					of (D)					(Instr
					(Instr. 3,					
					4, and 5)					
								Amou	unt	
								Amou	uiit	
						Date	Expiration	or Title Numb	han	
						Exercisable	Date	of	DEI	
				Codo V	(A) (D)					
				Coue v	(A) (D)			Share	S	

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
MENDELSON ERIC A 825 BRICKELL BAY DRIVE, SUITE 1644 MIAMI, FL 33131	X		Co- President				

Reporting Owners 2

Signatures

Eric A

Mendelson 09/24/2010

**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) Represents shares owned by Mendelson International Corporation whose stock is owned solely by the Reporting Person and Victor Mendelson, the brother of the Reporting Person..
- (2) Represents shares owned by EAM Management Limited Partners, a partnership whos sold general partner is a coorporation controlled by the Reporting Person.
- (3) Represents shares held for the benefit of the Reporting Person by the HEICO Corporation 401(k), based on a plan statement dated September 21, 2010.

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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