

ENSCO PLC

Reported by
MARS PAUL

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 05/17/07 for the Period Ending 05/17/07

Telephone	4402076594660
CIK	0000314808
Symbol	ESV
SIC Code	1381 - Drilling Oil and Gas Wells
Industry	Oil Well Services & Equipment
Sector	Energy
Fiscal Year	12/31

ENSCO INTERNATIONAL INC

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 5/17/2007 For Period Ending 5/17/2007

Address	500 NORTH AKARD STREET SUITE 4300 DALLAS, Texas 75201-3331
Telephone	214-397-3000
CIK	0000314808
Industry	Oil Well Services & Equipment
Sector	Energy
Fiscal Year	12/31

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FORM 4

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

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

OMB APPROVAL
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**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(f) of the
Investment Company Act of 1940

1. Name and Address of Reporting Person * MARS PAUL <small>(Last) (First) (Middle)</small> 500 N. AKARD STREET, SUITE 4300 <small>(Street)</small> DALLAS, TX 75201-3331 <small>(City) (State) (Zip)</small>	2. Issuer Name and Ticker or Trading Symbol ENSCO INTERNATIONAL INC [ESV]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Vice President
3. Date of Earliest Transaction (MM/DD/YYYY) <p align="center">5/17/2007</p>		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
4. If Amendment, Date Original Filed <small>(MM/DD/YYYY)</small>		

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

1. Title of Security <small>(Instr. 3)</small>	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. Code <small>(Instr. 8)</small>		4. Securities Acquired (A) or Disposed of (D) <small>(Instr. 3, 4 and 5)</small>			5. Amount of Securities Beneficially Owned Following Reported Transaction (s) <small>(Instr. 3 and 4)</small>	6. Ownership Form: Direct (D) or Indirect (I) <small>(Instr. 4)</small>	7. Nature of Indirect Beneficial Ownership <small>(Instr. 4)</small>
			Code	V	Amount	(A) or (D)	Price			
Common Stock	5/17/2007		S		1103	D	\$58.55	49540	D	
Common Stock	4/30/2007 <small>(1)</small>		A		\$1.3237 <small>(2)</small>	A	\$51.51 <small>(3)</small>	81.3237 <small>(1)</small>	I	ENSCO Savings Plan

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

1. Title of Derivate Security <small>(Instr. 3)</small>	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. Code <small>(Instr. 8)</small>	5. Number of Derivative Securities Acquired (A) or Disposed of (D) <small>(Instr. 3, 4 and 5)</small>		6. Date Exercisable and Expiration Date		7. Title and Amount of Securities Underlying Derivative Security <small>(Instr. 3 and 4)</small>		8. Price of Derivative Security <small>(Instr. 5)</small>	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (s) <small>(Instr. 4)</small>	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) <small>(Instr. 4)</small>	11. Nature of Indirect Beneficial Ownership <small>(Instr. 4)</small>
					Code	V	(A)	(D)	Date Exercisable	Expiration Date				

Explanation of Responses:

- (1) Amount is representative of common stock acquired, and held indirectly, through normal payroll contributions to the ENSCO Savings and Retirement Plans as of 04/30/07.
- (2) Amount is representative of common stock acquired, and held indirectly, through normal payroll contributions to the ENSCO Savings Plan during the months of February through April 2007.
- (3) Price of securities dependent upon trading price applicable on date of future transactions. The average cost/price is representative of all beneficially, indirectly owned securities acquired via normal payroll contributions to the ENSCO Savings Plan.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MARS PAUL 500 N. AKARD STREET				

SUITE 4300 DALLAS, TX 75201-3331		Vice President
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Signatures

/s/ Paul Mars

5/17/2007

Date

** Signature of Reporting Person

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 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).

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 control number.