

**ENSCO PLC**  
Reported by  
**ARMOUR DAVID A**

**FORM 5**  
(Annual Statement of Changes in Beneficial Ownership)

Filed 01/17/07 for the Period Ending 12/31/06

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

# FORM 5

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

OMB APPROVAL  
OMB Number: 3235-0362  
Expires: January 31, 2008  
Estimated average burden  
hours per response... 1.0

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).  
 Form 3 Holdings Reported  
 Form 4 Transactions Reported

## ANNUAL 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

<b>1. Name and Address of Reporting Person *</b>  <b>ARMOUR DAVID A</b>  (Last) (First) (Middle)  <b>500 N. AKARD STREET, SUITE 4300</b>  (Street)  <b>DALLAS, TX 75201-3331</b>  (City) (State) (Zip)	<b>2. Issuer Name and Ticker or Trading Symbol</b>  <b>ENSCO INTERNATIONAL INC [ESV]</b>  <b>3. Statement for Issuer's Fiscal Year Ended (MM/DD/YYYY)</b>  <p align="center"><b>12/31/2006</b></p> <b>4. If Amendment, Date Original Filed (MM/DD/YYYY)</b>	<b>5. Relationship of Reporting Person(s) to Issuer (Check all applicable)</b>  <input type="checkbox"/> Director <span style="float:right"><input type="checkbox"/> 10% Owner</span> <input checked="" type="checkbox"/> Officer (give title below) <span style="float:right"><input type="checkbox"/> Other (specify below)</span> <b>Controller</b>  <b>6. Individual or Joint/Group Filing (Check Applicable Line)</b>  <input checked="" type="checkbox"/> Form Filed by One Reporting Person <input type="checkbox"/> Form Filed by More than One Reporting Person
--	--	---

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

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		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)
				Amount	(A) or (D) Price			
Common Stock	12/31/2006 (1)		A	12872 (2)	A \$50.06 (3)	12872 (4)	D	
Common Stock	12/31/2006 (1)		A	.6163 (5)	A \$20.18 (6)	1364.7789 (7)	I	ENSCO Savings and Retirement Plans

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

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (MM/DD/YYYY)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned at End of Issuer's Fiscal Year (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Employee Stock Option (Right to Buy)	\$30.04	12/31/2006 (1)		J	3750 (8)		6/2/2007 (11)	6/2/2008	Common Stock	3750 (8)	\$30.04	3750 (8)	D	
Employee Stock Option (Right to Buy)	\$27.315	12/31/2006 (1)		J	10000 (9)		8/17/2007 (11)	8/17/2009	Common Stock	10000 (9)	\$27.315	10000 (9)	D	
Employee Stock Option (Right to Buy)	\$33.545	12/31/2006 (1)		J	8000 (10)		6/1/2007 (11)	6/1/2012	Common Stock	8000 (10)	\$33.545	8000 (10)	D	
Employee Stock Option (Right to Buy)	\$50.28	12/31/2006 (1)		J	7500 (12)		6/1/2007 (11)	6/1/2013	Common Stock	7500 (12)	\$50.28	7500 (12)	D	

**Explanation of Responses:**

- (1) Transaction date is issuer's fiscal year end of 12/31/06. All transactions accomplished during 2006 have been previously reported.
- (2) Amount of securities beneficially owned is as of issuer's fiscal year end of 12/31/06.
- (3) Price of securities is the trading price at close of business 12/29/06.
- (4) Amount is representative of securities beneficially owned following all transactions accomplished during the issuer's fiscal year 2006. All previous dispositions of securities have been previously reported.
- (5) Amount is representative of common stock acquired, and held indirectly, through normal payroll contributions to the ENSCO Savings and Retirement Plans during the months of November and December 2006.
- (6) 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 and Retirement Plans.
- (7) Amount is representative of common stock acquired, and held indirectly, through normal payroll contributions to the ENSCO Savings and Retirement Plans as of 12/31/06.
- (8) Amount is representative of unvested options balance out of a total grant of 15,000. The 3,750 in options are to vest on June 2, 2007.
- (9) Amount is representative of unvested options balance out of a total grant of 20,000. The 10,000 in options are to vest in increments of 5,000 each on August 17th of 2007 and 2008.
- (10) Amount is representative of a total options grant of 8,000, of which 2,000 options are vested and exercisable. The options are to vest in increments of 2,000 each on June 1st of 2007, 2008 and 2009.
- (11) Employee Stock Options vest at a rate of 25% per annum on the anniversary date of the grant.
- (12) Amount is representative of total options granted. The options are to vest in increments of 1,875 each on June 1st of 2007, 2008, 2009 & 2010. No options under this grant were vested and exercisable on 12/31/06, issuer's fiscal year.

**Reporting Owners**

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
<b>ARMOUR DAVID A 500 N. AKARD STREET SUITE 4300 DALLAS, TX 75201-3331</b>			<b>Controller</b>	

**Signatures**/s/ David A. Armour1/17/2006

\*\* Signature of Reporting Person

Date

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.