

**ENSCO PLC**  
Reported by  
**ISAAC ROBERT O**

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

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

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Industry	Oil Well Services & Equipment
Sector	Energy
Fiscal Year	12/31

# FORM 5

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

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 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>ISAAC ROBERT O</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>5. Relationship of Reporting Person(s) to Issuer (Check all applicable)</b>  <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <b>Assistant Secretary</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
<b>Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned</b>		

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	20617 (2)	A	\$50.06 (3)	20617 (4)	D	
Common Stock	12/31/2006 (1)		A	.095 (5)	A	\$31.32 (6)	91.638 (7)	I	ENSCO Savings Plan

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						
Employee Stock Option (Right to Buy)	\$31.765	12/31/2006 (1)		J	2500 (8)		6/3/2007 (13)	6/3/2007	Common Stock	2500 (8)	\$31.765	2500 (8)	D	
Employee Stock Option (Right to Buy)	\$30.04	12/31/2006 (1)		J	5000 (9)		6/2/2007 (13)	6/2/2008	Common Stock	5000 (9)	\$30.04	5000 (9)	D	
Employee Stock Option (Right to Buy)	\$27.315	12/31/2006 (1)		J	12000 (10)		8/17/2007 (13)	8/17/2009	Common Stock	12000 (10)	\$27.315	12000 (10)	D	
Employee Stock Option (Right to Buy)	\$33.545	12/31/2006 (1)		J	5760 (11)		6/1/2007 (13)	6/1/2012	Common Stock	5760 (11)	\$33.545	5760 (11)	D	
Employee Stock		12/31/2006					6/1/2007		Common					

**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						
Option (Right to Buy)	\$50.28	(1)		J	6000	(12)	(13)	6/1/2013	Stock	6000	(12)	\$50.28	6000	(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 Plan during the months of August through 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 Plan.
- (7) Amount is representative of common stock acquired, and held indirectly, through normal payroll contributions to the ENSCO Savings Plan as of 12/31/06.
- (8) Amount is representative of the balance of vested options out of an original total grant of 10,000 options. The options were vested and exercisable on issuer's fiscal year end of 12/31/06.
- (9) Amount is representative of the balance of options out of an original total grant of 10,000 options. Of the 5,000 options, 2,500 options were vested and exercisable on issuer's fiscal year end of 12/31/06. The remaining unvested balance of 2,500 options will vest on June 2, 2007.
- (10) Amount is representative of an original total grant, of which 6,000 options were vested and exercisable on issuer's fiscal year end of 12/31/06. The remaining unvested balance of 6,000 options will vest in increments of 3,000 each on August 17th 2007 and 2008.
- (11) Amount is representative of an original total grant, of which 1,440 options were vested and exercisable on issuer's fiscal year end of 12/31/06. The remaining unvested balance of 4,320 options will vest in increments of 1,440 on each June 1st 2007, 2008 and 2009.
- (12) Amount is representative of a total options grant, which will vest in increments of 1,500 each on June 1st 2007, 2008, 2009 and 2010. No options under this grant were vested and exercisable on issuer's fiscal year end of 12/31/06.
- (13) Employee Stock Options vest at a rate of 25% per annum on the anniversary date of the grant.

**Reporting Owners**

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ISAAC ROBERT O 500 N. AKARD STREET SUITE 4300 DALLAS, TX 75201-3331			Assistant Secretary	

**Signatures**

/s/ Robert O. Isaac

1/31/2007

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.

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